

Tablica 1.1. Interno osiguravanje kvalitete

Vrsta aktivnosti	Nositelj aktivnosti (naziv tijela ili imena osoba)	Učestalost aktivnosti (broj sastanaka ili akcija godišnje)	Broj izvješća proizašlih iz pojedine aktivnosti u posljednjih 5 godina	Praktični rezultati aktivnosti (opisno u samoanalizi)
Tematske sjednice o kvaliteti nastave	Fakultetsko vijeće/Dekan	jednom mjesečno	istovjetan broju sjednica Fakultetskog vijeća	Zapisnici Fakultetskog vijeća i odgovarajuće odluke povezane s nastavom na preddiplomskim, diplomskim, specijalističkim i doktorskim studijima, Godišnje izvješće dekana, Godišnje izvješće Povjerenstva za upravljanje kvalitetom, prijedlozi novih studijskih programa (diplomski studij na engleskom jeziku Chemical and Environmental Technology, doktorski studij Kemijsko inženjerstvo i primijenjena kemija; specijalistički studij Naftno-petrokemijsko inženjerstvo); manje izmjene i dopune preddiplomskih i diplomskih studija Fakulteta, izbori u znanstveno-nastavna zvanja, izbori u znanstvena zvanja, izbor dekana, prodekana i predstojnika zavoda
	Prošireni dekanski kolegij/Dekan	jednom mjesečno	-	
	Dekanski kolegij	jednom tjedno	5	
	Povjerenstvo za nastavu/Prodekan za nastavu	jednom mjesečno	5	
	Povjerenstvo za upravljanje kvalitetom	po potrebi	5	
	Vijeća doktorskih studija/Prodekan za znanost i međunarodnu suradnju	jednom mjesečno	5	
Rad odbora (povjerenstva) za praćenje kvalitete nastave	Vijeća specijalističkih studija/Prodekan za znanost i međunarodnu suradnju	jednom mjesečno	5	Godišnje izvješće dekana, Godišnje izvješće Povjerenstva za upravljanje kvalitetom, Analiza preddiplomskih, diplomskih, doktorskih i specijalističkih studijskih programa, Obrasci Dr.Sc.04, Dr.Sc.05, Dr.Sc.09
	Vijeća specijalističkih studija/Prodekan za znanost i međunarodnu suradnju	po potrebi	5	
	Povjerenstvo za upravljanje kvalitetom	po potrebi	5	
	Povjerenstvo za sustavnu recenziju studijskih programa/Prodekan za nastavu	po potrebi	3	
Studentska anketa (provođenje, obrada, obavješćavanje studenata, očitovanja nastavnika)	Prodekan za nastavu/Povjerenstvo za upravljanje kvalitetom	3	Pojedinačne ankete za kolegije + 10 anketa vrednovanja preddiplomskih i diplomskih studija	Rezultati studentske ankete za vrednovanje nastavnika u ak. god. 2011./2012., 2012./2013., 2013./2014., 2014./2015. i 2015./2016. 2016./2017., 2017./2018. (zimski i ljetni semestar); rezultati ankete vrednovanja preddiplomskih i diplomskih studija od strane studenata koji su tijekom ak. god. 2011./2012., 2012./2013., 2013./2014., 2014./2015., 2015./2016., 2016./2017. i 2017./2018. završili studij
SWOT analiza na razini visokog učilišta	Povjerenstvo za Strategiju razvoja Fakulteta	po potrebi	1	SWOT analiza kao sastavni dio Strategije razvoja Fakulteta za razdoblje 2015-2020
Praćenje pokazatelja kvalitete na visokom učilištu*	Povjerenstvo za upravljanje kvalitetom	po potrebi	10	Godišnje izvješće o osiguravanju kvalitete Povjerenstva za upravljanje kvalitetom Plan aktivnosti za osiguravanje kvalitete Povjerenstva za upravljanje kvalitetom

Ostali oblici vrednovanja	Dekan/Prodekan za znanost i međunarodnu suradnju/Povjerenstvo za nastavu	po potrebi	3	Od strane Hrvatskog inženjerskog saveza (HIS); u suradnji s European Federation of National Engineering Associations (FEANI); u ak. god. 2013./2014. provedeno vanjsko neovisno vrednovanje preddiplomskih i diplomskih studijskih programa Fakulteta, Kemijsko inženjerstvo, Kemija i inženjerstvo materijala i Ekoinženjerstvo što je rezultiralo uključivanjem ovih studijskih programa u FEANI Index listu. Unutarnja prosudba sustava osiguravanja kvalitete Sveučilišta u Zagrebu na Fakultetu kemijskog inženjerstva i tehnologije Sveučilišta u Zagrebu u ak. god. 2017./2018
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*Pravilnik o sadržaju dopusnice te uvjetima za izdavanje dopusnice za obavljanje djelatnosti visokog obrazovanja, izvođenje studijskog programa i reakreditaciju visokih učilišta (Narodne novine, broj 24/10) i Pravilnik o uvjetima za izdavanje dopusnice za obavljanje znanstvene djelatnosti, uvjetima za reakreditaciju znanstvenih organizacija i sadržaju dopusnice (NN 83/2010)

Tablica 2.1. Struktura upisanih studenata i zanimanje za studijski program u tekućoj i posljednje četiri godine*

a) Preddiplomski studijski program Kemijsko inženjerstvo

Godina	Redovni studenti					Izvanredni studenti			Ukupno upisanih na prvu godinu					
	Prijavljeni	Prvi izbor	Drugi izbor	Upisna kvota	Upisani na prvu godinu studija	Prijavljeni	Upisani na prvu godinu studija	Upisna kvota	Gimnazija		Strukovna škola		Ostale škole	
									Broj	Prosje. ocjena	Broj	Prosje. ocjena	Broj	Prosje. ocjena
2018./2019.	690	75	60	55 + 3 stranca	55	-	-	-	36	-	6	-	13	-
2017./2018.	666	74	74	55 + 3 stranca	56	-	-	-	51	4,61	5	4,78	0	0,00
2016./2017.	804	104	84	55 + 3 stranca	55	-	-	-	55	4,52	4	4,53	36	4,23
2015./2016.	668	75	76	55 + 3 stranca	55	-	-	-	54	4,52	4	4,48	61	4,11
2014./2015.	716	81	91	55 + 3 stranca	55	-	-	-	38	4,48	-	-	17	4,12

b) Preddiplomski studijski program Kemija i inženjerstvo materijala

Godina	Redovni studenti					Izvanredni studenti			Ukupno upisanih na prvu godinu					
	Prijavljeni	Prvi izbor	Drugi izbor	Upisna kvota	Upisani na prvu godinu studija	Prijavljeni	Upisani na prvu godinu studija	Upisna kvota	Gimnazija		Strukovna škola		Ostale škole	
									Broj	Prosje. ocjena	Broj	Prosje. ocjena	Broj	Prosje. ocjena
2018./2019.	336	32	49	55 + 3 stranca	55	-	-	-	34	-	8	-	13	-
2017./2018.	380	39	57	55 + 3 stranca	55	-	-	-	49	4,50	5	4,03	1	4,97
2016./2017.	401	40	61	55 + 3 stranca	55	-	-	-	47	4,38	9	4,41	10	4,39
2015./2016.	396	51	56	55 + 3 stranca	55	-	-	-	53	4,41	3	4,68	45	4,29
2014./2015.	366	47	61	55 + 3 stranca	55	-	-	-	47	4,17	1	4,69	7	4,26

c) Preddiplomski studijski program Ekoinženjerstvo

Godina	Redovni studenti					Izvanredni studenti			Ukupno upisanih na prvu godinu					
	Prijavljeni	Prvi izbor	Drugi izbor	Upisna kvota	Upisani na prvu godinu studija	Prijavljeni	Upisani na prvu godinu studija	Upisna kvota	Gimnazija		Strukovna škola		Ostale škole	
									Broj	Prosje. ocjena	Broj	Prosje. ocjena	Broj	Prosje. ocjena
2018./2019.	2018./2019.	430	55	42	55 + 2 stranca	55	-	-	-	34	-	9	-	12
2017./2018.	468	55	51	55 + 2 stranca	54	-	-	-	46	4,33	8	4,18	0	0,00
2016./2017.	553	55	56	55 + 2 stranca	55	-	-	-	50	4,29	5	4,16	18	4,24
2015./2016.	634	82	84	55 + 2 stranca	55	-	-	-	53	4,34	5	4,69	31	4,20
2014./2015.	584	67	58	55 + 2 stranca	55	-	-	-	46	4,23	3	4,10	6	4,28

d) Preddiplomski studijski program Primijenjena kemija

Godina	Redovni studenti					Izvanredni studenti			Ukupno upisanih na prvu godinu					
	Prijavljeni	Prvi izbor	Drugi izbor	Upisna kvota	Upisani na prvu godinu studija	Prijavljeni	Upisani na prvu godinu studija	Upisna kvota	Gimnazija		Strukovna škola		Ostale škole	
									Broj	Prosje. ocjena	Broj	Prosje. ocjena	Broj	Prosje. ocjena
2018./2019.	548	53	77	55 + 2 stranca	55	-	-	-	32	-	5	-	18	-
2017./2018.	505	71	63	55 + 2 stranca	55	-	-	-	50	4,55	5	4,22	0	0,00
2016./2017.	576	55	74	55 + 2 stranca	55	-	-	-	49	4,48	6	4,40	6	4,44
2015./2016.	573	76	83	55 + 2 stranca	55	-	-	-	47	4,51	7	4,37	13	4,27
2014./2015.	471	60	67	55 + 2 stranca	55	-	-	-	42	4,53	6	4,61	7	4,67

*podatci za samovrjednovanje preuzeti sa stranica Središnjeg prijavnog ureda

e) Diplomski studijski programi

Kemijско inženjerstvo	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani		
2018./2019.	57	38	40 (1 stranac)	-	-	-	2 (studenti s FKIT-a, promjena studija)	3,707
2017./2018.	53	36	35 (1 stranac)	-	-	-	0	3,812
2016./2017.	56	36	35 (1 stranac)	-	-	-	0	3,681
2015./2016.	60 (1 stranac)	35 (1 stranac)	35 (1 stranac)	-	-	-	0 (1 stranac)	3,657
2014./2015.	46	35	35	-	-	-	1	3,596

Kemija i inženjerstvo materijala	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani		
2018./2019.	41	32	30 (2 stranca)	-	-	-	0	3,575
2017./2018.	32	25	20 (2 stranca)	-	-	-	0	3,412
2016./2017.	37	22	20 (2 stranca)	-	-	-	0	3,286
2015./2016.	50	22	20 (2 stranca)	-	-	-	0	3,629
2014./2015.	16	12	20	-	-	-	0	3,428

Ekoinženjerstvo	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani		
2018./2019.	59	31	40 (1 stranac)	-	-	-	9 (studenti s FKIT-a, promjena studija)	3,377
2017./2018.	49	23	35 (1 stranac)	-	-	-	3 (studenti s razlikovnom godinom)	3,200
2016./2017.	57	36	35 (1 stranac)	-	-	-	0	3,593
2015./2016.	51	36	35 (1 stranac)	-	-	-	1 (student s razlikovnom godinom) 2 (studenti s FKIT-a, promjena studija)	3,527
2014./2015.	20	17	35	-	-	-	4 (studenti s razlikovnom godinom)	3,231

Primijenjena kemija	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani		
2018./2019.	50	40	40 (1 stranac)	-	-	-	1 (studenti s FKIT-a, promjena studija)	3,907
2017./2018.	43	36	35 (1 stranac)	-	-	-	0	3,707
2016./2017.	49	36	35 (1 stranac)	-	-	-	0	3,643
2015./2016.	52	36	35 (1 stranac)	-	-	-	0	3,591
2014./2015.	27	23	35	-	-	-	1 (student s FKIT-a, promjena studija)	3,689

* Prosječna ocjena svih upisanih studenata na studiju na dan 22.3.2018.

f) Poslijediplomski programi

Naziv studijskog programa Godina	Redovni studenti			Izvanredni studenti*			Broj studenata koji dolaze s drugog visokog učilišta	Prosječna ocjena**
	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani#	Upisna kvota		
KIPK 2018./2019.	-	-	-	27	37	40	3 (1 PMF, 1 KTF Split, 1 Odjel za kemiju Osijek)	4,49
KIPK 2017./2018.	-	-	-	17	17	40	2 PMF, 1 Odjel za kemiju Osijek	4,42
KIPK 2016./2017.	-	-	-	13	13	40	1 Erasmus, 1 IRB,	4,46
KIPK 2015./2016.	-	-	-	21	21	40	1 student (KTF Split, 1 student PMF Novi Sad, Srbija i 1 student PMF SuZ)	4,35
KIPK 2014./2015.	-	-	-	17	16	40	5	4,15
IK 2013./2014.	-	-	-	6	6	30	5	4,23
KI 2013./2014.	-	-	-	3	4	30	0	5,00

* Studente poslijediplomskog studija Fakultet navodi kao izvanredne studente, s obzirom na preporuke AZVO

** Prosječna ocjena posljednjeg studija, bez obzira na razinu

Ukupni broj s prijelaznicima na drugu i treću godinu

Tablica 2.2. Prolaznost na studijskom programu

a) Preddiplomski studijski programi

Kemijско inženjerstvo

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja [#]	Prosječna ocjena studija
2007./2008.	35	2	8	25	21	1 (13)	3,642
2008./2009.	35	3	7	25	22	2 (21)	3,506
2009./2010.	46	4	23	19	18	5 (25)	3,355
2010./2011.	41	8	11	22	22	1 (19)	3,322
2011./2012.	39	6	7	25	33	3 (16)	3,165
2012./2013.	48	8	7	62	39	8 (21)	3,383
2013./2014.	49	7	16	26	26	5 (28)	3,422

Kemija i inženjerstvo materijala

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja [#]	Prosječna ocjena studija
2007./2008.	19	1	2	16	11	1 (15)	3,651
2008./2009.	18	2	5	11	17	1 (14)	3,574
2009./2010.	35	8	8	19	18	3 (15)	3,575
2010./2011.	21	4	13	4	7	1 (10)	2,997
2011./2012.	29	4	3	22	23	7 (27)	3,025
2012./2013.	23	20	14	25	20	6 (30)	3,080
2013./2014.	41	3	25	13	11	2 (30)	3,025

Ekoinženjerstvo

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja [#]	Prosječna ocjena studija
2007./2008.	47	10	11	26	24	2 (23)	3,326
2008./2009.	35	3	15	17	14	4 (24)	3,285
2009./2010.	47	10	16	21	22	7 (40)	3,417
2010./2011.	41	9	14	18	17	3 (28)	3,292
2011./2012.	36	1	1	34	31	3 (21)	3,265
2012./2013.	33	10	9	51	25	8 (29)	3,222
2013./2014.	37	15	11	11	12	7 (43)	3,280

Primijenjena kemija

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja [#]	Prosječna ocjena studija
2007./2008.	34	2	3	29	22	0 (3)	3,817
2008./2009.	29	1	2	26	21	0 (8)	3,812
2009./2010.	44	5	7	32	25	3 (14)	3,608
2010./2011.	35	4	15	16	18	3 (14)	3,322
2011./2012.	34	2	3	29	31	2 (24)	3,230
2012./2013.	48	7	13	40	40	0 (12)	3,382
2013./2014.	46	7	20	19	24	4 (26)	3,400

Napomena za sve preddiplomske studije: broj upisanih studenata s kojima računa sustav ISVU je ukupan broj prvi put upisanih studenata u određenoj ak. god. umanjen za ispisane iz te generacije, a također su iz tog broja izuzeti studenti koji su prešli s navedenog studija na neki drugi studij. Broj upisanih studenata može biti manji od broja upisanih bruceša zato što je dio bruceša tokom godina prešao na druge preddiplomske studije. Broj upisanih studenata može biti veći od broja bruceša zato što imamo upisane goste studente

[#]u zagradama je dan ukupan broj studenata koji su napustili studij; uz one koji su izgubili pravo studiranja pribrojani su studenti ispisani na vlastiti zahtjev i oni su prešli na drugi studij

b) Diplomski studijski programi

Kemijsko inženjerstvo

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja	Prosječna ocjena studija
2008./2009.	19	0	0	19	19	0	4,125
2009./2010.	23	0	0	23	23	0	4,012
2010./2011.	27	0	0	27	27	0 (2)#	3,996
2011./2012.	17	0	0	17	17	0	3,895
2012./2013.	35	0	0	35	35	0 (1)	4,026
2013./2014.	34	1	1	32	34	0	4,443
2014./2015.	36	1	2	33	33	2 (1)	4,454
2015./2016.	36	0	0	36	36	0	4,532

Kemija i inženjerstvo materijala

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja	Prosječna ocjena studija
2008./2009.	5	0	0	5	5	0	4,371
2009./2010.	9	0	0	9	9	0	4,024
2010./2011.	15	0	0	15	15	0	4,208
2011./2012.	16	1	2	13	13	1	3,985
2012./2013.	21	0	0	21	21	1 (2)	3,915
2013./2014.	13	0	0	13	11	2	4,056
2014./2015.	12	0	1	10	11	0 (1)	4,385
2015./2016.	22	1	0	21	21	0(1)	4,488

Ekoinženjerstvo

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja	Prosječna ocjena studija
2008./2009.	28	0	0	28	28	0	4,152
2009./2010.	31	0	0	31	31	0	3,825
2010./2011.	16	0	0	16	16	0	3,851
2011./2012.	13	0	1	12	13	0 (4)#	3,889
2012./2013.	18	0	1	17	17	1 (1)	3,526
2013./2014.	15	0	1	14	15	0	4,309
2014./2015.	17	2	1	15	13	2	4,299
2015./2016.	37	1	0	36	36	1	4,495

Primijenjena kemija

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja	Prosječna ocjena studija
2008./2009.	12	0	0	12	10	2	4,120
2009./2010.	26	0	0	26	26	0	4,012
2010./2011.	25	0	0	25	25	0	4,023
2011./2012.	15	1	0	14	14	0	3,845
2012./2013.	29	0	0	29	29	0	3,897
2013./2014.	23	0	1	22	23	0	4,392
2014./2015.	26	0	1	25	25	0	4,316
2015./2016.	36	1	1	34	35	1	4,461

u zagradama je dan ukupan broj studenata koji su napustili studij; uz one koji su izgubili pravo studiranja pribrojani su studenti ispisani na vlastiti zahtjev i oni su prešli na drugi studij

Tablica 2.3. Provjera ishoda učenja (struktura načina polaganja ispita na preddiplomskim i diplomskim studijskim programima Fakulteta)

a) Preddiplomski studijski programi

Naziv studijskog programa		Samo završni ispit			Praktični rad i završni ispit	Samo kolokvij/zadaće	Kolokvij/zadaća i završni ispit	Seminarski rad	Seminarski rad i završni ispit	Praktični rad	Drugi oblici
		Završni pismeni ispit	Završni usmeni ispit	Pismeni i usmeni završni ispit							
Kemijsko inženjerstvo	Broj (od 40)	0	0	0	1	21	11	10	0	21	40
	Postotak	0	0	0	2,5	52,5	27,5	25,0	0	52,5	100
Kemija i inženjerstvo materijala	Broj (od 41)	0	0	0	1	23	12	6	0	28	41
	Postotak	0	0	0	2,4	56,1	29,3	14,6	0	68,3	100
Ekoinženjerstvo	Broj (od 49)	0	0	0	1	28	10	13	1	24	49
	Postotak	0	0	0	2,0	57,1	20,4	26,5	2,0	49,0	100
Primijenjena kemija	Broj (od 50)	0	0	0	1	31	12	14	0	27	50
	Postotak	0	0	0	2,0	62,0	24,0	28,0	0	54,0	100
UKUPNO	Broj (od 180)	0	0	0	4	103	45	43	1	100	180
	Postotak	0	0	0	2,2	57,2	25,0	23,9	0,6	55,6	100

b) Diplomski studijski programi

Naziv studijskog programa		Samo završni ispit			Praktični rad i završni ispit	Samo kolokvij/zadaće	Kolokvij/zadaća i završni ispit	Seminarski rad	Seminarski rad i završni ispit	Praktični rad	Drugi oblici
		Završni pismeni ispit	Završni usmeni ispit	Pismeni i usmeni završni ispit							
Kemijsko inženjerstvo											
Modul Kemijsko procesno inženjerstvo (KPI)	Broj (od 41+27*)	0	0	0	1	42	13	23	4	42	68
	Postotak	0	0	0	1,5	61,8	19,1	33,8	5,9	61,8	100
Modul Kemijsko inženjerstvo u zaštiti okoliša (KIZO)	Broj (od 41+27*)	0	0	0	1	45	14	17	4	44	68
	Postotak	0	0	0	1,5	66,1	20,6	25,0	5,9	64,7	100
Modul Kemijske tehnologije i proizvodi (KTP)	Broj (od 41+27*)	0	0	0	1	44	15	18	4	44	68
	Postotak	0	0	0	1,5	64,7	22,1	26,4	5,9	64,7	100
Kemijsko inženjerstvo ukupno	Broj (od 123+81*)	0	0	0	3	131	42	58	12	130	204
	Postotak	0	0	0	1,5	64,2	20,6	28,4	5,6	63,7	100
Kemija i inženjerstvo materijala											
	Broj (od 33+27*)	0	0	0	1	41	13	17	4	46	60
	Postotak	0	0	0	1,7	68,3	21,7	28,3	6,7	76,7	100
Ekoinženjerstvo											
	Broj (od 38+27*)	0	0	0	1	46	14	27	4	47	65
	Postotak	0	0	0	1,5	70,8	21,5	45,0	6,2	78,3	100
Primijenjena kemija											
Modul Kemija okoliša (A)	Broj (od 30+27*)	0	0	0	1	38	14	22	3	39	57
	Postotak	0	0	0	1,8	66,7	24,6	38,6	5,3	68,4	100
Modul Specifični materijali i napredne tehnologije (B)	Broj (od 35+27*)	0	0	0	1	42	15	22	3	44	62
	Postotak	0	0	0	1,6	67,7	24,1	35,5	4,8	71,0	100
Modul Primijenjena organska kemija (C)	Broj (od 31+27*)	0	0	0	1	40	15	16	3	41	58
	Postotak	0	0	0	1,7	69,0	25,9	27,6	5,2	70,7	100
Primijenjena kemija ukupno	Broj (od 96+81*)	0	0	0	3	120	44	60	9	124	177
	Postotak	0	0	0	1,7	67,8	24,9	33,9	5,1	70,1	100
Diplomski studiji ukupno											
	Broj (od 290 + 216*)	0	0	0	8	338	113	162	29	347	506
	Postotak	0	0	0	1,6	66,8	22,3	32,0	5,7	68,6	100

Tablica 2.4. Broj znanstvenih radova u znanstvenim časopisima koje objavljuju doktorandi prilikom izrade doktorske disertacije

Naziv doktorskog studija	Broj obranjenih doktorskih disertacija u posljednjih 5 godina*	Broj objavljenih radova potreban za pristup obrani disertacije	Broj objavljenih radova doktoranada u inozemnim znanstvenim časopisima relevantnim za izbor u znanstvena zvanja	Broj objavljenih radova doktoranada u domaćim znanstvenim časopisima relevantnim za izbor u znanstvena zvanja***
Kemijsko inženjerstvo	16	16*	208+86	6+3
Inženjerska kemija	48	48*		
Kemijsko inženjerstvo i primijenjena kemija	6*	6*		

* Zahtijeva se minimalno jedan rad u inozemnom znanstvenom časopisu

** Doktorandi s različitih studija međusobno surađuju. Da bi se izbjeglo preklapanje daje se ukupan broj

*** Umjesto kategorije domaći znanstveni časopisi (koja nije relevantna za područje djelovanja); daje se kategorija SCOPUS - WoS, koja obuhvaća nekoliko domaćih i stranih časopisa

Tablica 2.4.1. Popis doktoranada

	Studij	Prezime	Ime	Mentor_DR	Dat_obr_DR
1.	KIP	Sačer	Denis	Marijana Kraljić Roković	10.12.2018.
2.	IK	Beneta	Antonija	Dragana Mutavdžić Pavlović	06.12.2018.
3.	KI	Duplančić	Marina	Vesna Tomašić	03.12.2018.
4.	KIP	Kristan Mioč	Ekatarina	Helena Otmačić Ćurković	08.11.2018.
5.	IK	Petković	Orjen	Čedomila Milin, Dragana Mutavdžić-Pavlović	12.10.2018.
6.	KIP	Runje	Mislav	Sandra Babić	04.10.2018.
7.	KIP	Kovačić	Marin	Hrvoje Kušić	25.07.2018.
8.	KI	Hadžić	Alen	Ljubica Matijašević	23.07.2018.
9.	IK	Cindrić	Ines	Natalija Koprivanac	17.07.2018.
10.	KIP	Bistrović Popov	Andrea	Silvana Raić-Malić	13.06.2018.
11.	KI	Kordić	Šimo	Gordana Matijašić	11.05.2018.
12.	KI	Nežić	Igor	Aleksandra Sander, Ernest Meštrović	27.04.2018.
13.	IK	Cerić	Dijana	Danijela Ašperger	19.03.2018.
14.	IK	Jakovljević	Ivana	Gordana Pehnc, Vesna Tomašić	12.12.2017.
15.	IK	Jukić	Mirela	Lidija Curkovic	12.12.2017.
16.	IK	Đokić	Maja	Tomislav Bolanča, Nina Bilandžić	08.12.2017.
17.	IK	Strahovnik	Tomislav	Tomislav Bolanca i Marko Rogošić	17.11.2017.
18.	IK	Ganjto	Marin	Hrvoje Ivanković	14.11.2017.
19.	KIP	Hajduković	Mateja	Mirela Samardžić, Stjepan Milardović	01.09.2017.
20.	IK	Tušek	Dragutin	Danijela Ašperger	12.06.2017.
21.	IK	Horak	Ema	Ivana Steinberg	02.06.2017.
22.	IK	Zebić Avdičević	Maja	Slaven Dobrović, Krešimir Košutić	14.02.2017.
23.	IK	Herner	Željko	Felicita Briški	10.02.2017.
24.	IK	Ivanković	Antonio	Sanja Martinez	14.12.2016
25.	IK	Minga (Lozić)	Iva	Stanislav Kurajica	9.12.2016
26.	IK	Simčić	Ivan	Stanislav Kurajica	5.10.2016
27.	KI	Margeta	Dunja	Katica Sertić Bionda	15.7.2016
28.	IK	Popović	Marijana	Irena Drmić Hofman, Marijana Hranjec	5.05.2016
29.	KI	Le Cunff	Jérôme	Vesna Tomašić	4.04.2016
30.	KI	Panjičko	Mario	Bruno Zelić, Gregor Drago Zupančić	23.12.2015

	Studij	Prezime	Ime	Mentor_DR	Dat_obr_DR
31.	IK	Radojević Lacković	Sandra	Tomislav Bolanča	11.12.2015
32.	IK	Hajdari	Zana	Helena Otmačić Ćurković	20.11.2015
33.	IK	Jozanović	Marija	Milan Sak-Bosnar, Zoran Mandić	14.07.2015
34.	IK	Veršić Bratinčević	Maja	Davorka Sutlović, Sandra Babić	30.06.2015
35.	KI	Šalić	Anita	Bruno Zelić	16.06.2015
36.	KI	Sudar	Martina	Zvezdana Findrik Blažević	15.06.2015
37.	IK	Opačak	Ivana	Mira Ristić	12.06.2015
38.	IK	Kassal	Petar	Ivana Steinberg, Matthew Steinberg	12.06.2015
39.	IK	Rogina	Anamarija	Marica Ivanković	11.06.2015
40.	IK	Novak Stankov	Mirjana	Tomislav Bolanča	08.06.2015
41.	KI	Mohler	Ivan	Nenad Bolf	20.03.2015
42.	KI	Ćosić	Ivana	Marija Vuković Domanovac	13.03.2015
43.	IK	Palčić	Marina	Zorana Grabarić, Stjepan Milardović	18.02.2015
44.	IK	Periša	Martina	Sandra Babić	13.02.2015
45.	IK	Vladislavić	Nives	Slobodan Brinić, Stjepan Milardović	18.12.2014
46.	KI	Kučić	Dajana	Felicita Briški	08.12.2014
47.	IK	Ivešić	Martina	Sandra Babić, Zdenko Šmit	24.11.2014
48.	IK	Stipković Babić	Maja	Mladen Mintas	07.11.2014
49.	KI	Penović	Tomislav	Aleksandra Sander	31.10.2014
50.	IK	Sopčić	Suzana	Zoran Mandić	24.10.2014
51.	IK	Pustaj	Gordana	Frankica Kapor, Sanja Martinez	16.10.2014
52.	IK	Dimitrov	Nino	Zlata Hrnjak-Murgić	30.09.2014
53.	IK	Burčul	Franko	Mila Radan, Irena Škorić	30.09.2014
54.	KI	Rešček	Ana	Zlata Hrnjak Murgić	05.09.2014
55.	IK	Faraguna	Fabio	Ante Jukić	02.09.2014
56.	IK	Skoko	Božena	Gordana Marović, Sanja Papić	18.07.2014
57.	KI	Mužek	Mario Nikola	Jelica Zelić, Hrvoje Ivanković	17.07.2014
58.	IK	Magdić	Katja	Zoran Mandić, Višnja Horvat Radošević	17.07.2014
59.	IK	Galović	Olivera	Mirela Samardžić, Stjepan Milardović	16.06.2014
60.	IK	Žegarac	Miroslav	Miljenko Dumić	16.05.2014
61.	IK	Štajdohar	Jasenska	Mira Ristić	11.04.2014
62.	IK	Nodilo	Marijana	Stjepan Milardović, Željko Grahek	25.03.2014
63.	IK	Nestić	Marina	Sandra Babić, Davorka Sutlović	17.03.2014
64.	IK	Meščić	Andrijana	Silvana Raić-Malić	14.03.2014
65.	IK	Šagud	Ivana	Marija Šindler	10.03.2014
66.	IK	Dražević	Emil	Krešimir Košutić, Vladimir Dananić	07.03.2014
67.	IK	Perin	Nataša	Marijana Hranjec	07.03.2014
68.	IK	Milovac	Dajana	Hrvoje Ivanković, Gloria G.Ferrer	31.01.2014
69.	IK	Kerolli-Mustafa	Mihone	Lidija Ćurković, Juraj Šipušić	29.01.2014

Djevojačka prezimena doktorandica i mentorica

Doktorandice:

1. Beneta Antonija rođ. Periša (2018)
2. Duplančić Marina rođ. Ivandić (2018)
3. Kristan Mioč Ekatarina rođ. Kristasn (2018)
4. Cindrići Ines r. Gračanin (2018)
5. Bistrović Popov Andrea r. Bistrović (2018)
6. Cerić Dijana r. Drljača (2018)
7. Mirela Jukić rođ. Milas (2017)
8. Ivana Jakovljević rođ. Lulić (2017)
9. Maja Zebić Avdičević rođ. Zebić (2017)
10. Iva Minga, dio radova pod prezimenom Lozić (2016)
11. Zana Hajdari Gretić, rođ. Hajdari (2015)
12. Mirjana Novak Stankov, rođ. Novak (2015)
13. Marija Jozanović, rođ. Horvat (2015)
14. Dajana Milovac, dio radova pod prezimenom Kranželić (2014)
15. Katja Magdić Košiček, rođ. Magdić (2014)

Mentorice:

1. Mila Radan, rođ. Jukić

Tablica 2.4.2. Popis radova doktoranada povezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC u razdoblju 1.1.2013. – 31.12.2018. (za tablicu 2.4.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STU DIJ
1.	Bilandžić, Nina; Božić, Đurđica; Đokić, Maja; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Cvetnić, Željko. Assessment of aflatoxin M1 contamination in the milk of four dairy species in Croatia. // <i>Food control</i> . 43 (2014) ; 18-21	2,806 (2014.)	IK
2.	Bilandžić, Nina; Božić, Đurđica; Đokić, Maja; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Tanković, Sanin; Cvetnić, Željko. Seasonal effect on aflatoxin M1 contamination in raw and UHT milk from Croatia. // <i>Food control</i> . 40 (2014) , 2; 260-264	2,806 (2014.)	IK
3.	Bilandžić, Nina; Gačić, Milica; Đokić, Maja; Sedak, Marija; Ivanec Šipušić, Đurđica; Končurat, Ana; Tlak Gajger, Ivana. Major and trace elements levels in multifloral and unifloral honeys in Croatia. // <i>Journal of food composition and analysis</i> . 33 (2014) ; 132-138	1,985 (2014.)	IK
4.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana. Trace elements content in cheese, cream and butter. // <i>Mljekarstvo</i> . 64 (2014) , 3; 150-158	0,481 (2014.)	IK
5.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Solomun Kolanović, Božica; Varenina, Ivana; Božić, Đurđica; Končurat, Ana. Differences of the essential mineral element levels in the milk of Croatian Coldblood horse and Littoral-Dinaric donkey. // <i>Mljekarstvo</i> . 64 (2014) , 1; 12-18	0,481 (2014.)	IK
6.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Brstilo, Mate; Šimić, Branimir. Determination of zinc concentrations in foods of animal origin, fish and shellfish from Croatia and assessment of their contribution to dietary intake. // <i>Journal of food composition and analysis</i> . 35 (2014) , 2; 61-66	1,985 (2014.)	IK
7.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Končurat, Ana. Content of macro- and microelements in the milk of Croatian coldblood mares during lactation. // <i>Slovenian veterinary research</i> . 51 (2014) , 4; 171-177	0,222 (2014.)	IK

8.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Zrnčić, Snježana; Oraić, Dražen; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica. Copper, iron, selenium, zinc and magnesium concentrations in oysters (<i>Ostrea edulis</i>) from the Croatian Adriatic coast. // <i>Slovenian veterinary research</i> . 51 (2014), 3; 147-155	0,222 (2014.)	IK
9.	Bolanča, Tomislav; Ukić, Šime; Novak, Mirjana; Rogošić, Marko. Computer assisted method development in liquid chromatography. // <i>Croatica chemica acta</i> . 87 (2014); 2; 111-122	0,728 (2014.)	IK
10.	Dražević, Emil; Košutić, Krešimir; Dananić, Vladimir. Mass transfer of differently sized organic solutes at spacer covered and permeable nanofiltration wall. // <i>Chemical engineering journal</i> . 244 (2014); 152-159	4,321 (2014.)	IK
11.	Dražević, Emil; Košutić, Krešimir; Freger, Viatcheslav. Permeability and selectivity of reverse osmosis membranes: Correlation to swelling revisited. // <i>Water research</i> . 49 (2014); 444-452	5,528 (2014.)	IK
12.	Dražević, Emil; Košutić, Krešimir; Kolev, Vesselin; Freger, Viatcheslav. Does hindered transport theory apply to desalination membranes?. // <i>Environmental science & technology</i> . 48 (2014); 19; 11471-11478	5,330 (2014.)	IK
13.	Faraguna, Fabio; Peter, Robert; Volovšek, Vesna; Jukić, Ante. Synthesis and characterization of alkyl ester functionalized multiwall carbon nanotubes. // <i>Journal of nanoscience and nanotechnology</i> . 14 (2014); 8; 6347-6354	1,556 (2014.)	IK
14.	Galović, Olivera; Samardžić, Mirela; Petrušić, Sanja; Sak-Bosnar, Milan. A new sensing material for the potentiometric determination of anionic surfactants in commercial products. // <i>International journal of electrochemical science</i> . 9 (2014); 7; 3802-3818	1,500 (2014.)	IK
15.	Kassal, Petar; Šurina, Robert; Vrsaljko, Domagoj; Murković Steinberg, Ivana. Hybrid sol-gel thin films doped with a pH indicator : Effect of organic modification on optical pH response and surface hydrophobicity. // <i>Journal of sol-gel science and technology</i> . 69 (2014); 3; 586-595	1,532 (2014.)	IK
16.	Kereković, Irena; Milardović, Stjepan; Palčić, Marina; Grabarić, Zorana. Characterization of cysteamine self assembled on gold functionalized with nitrilotriacetic acid and evaluation of copper(II) binding capacity with adsorption transfer stripping voltammetry. // <i>Journal of electroanalytical chemistry</i> . 724 (2014); 103-110	2,729 (2014.)	IK
17.	Kopčić, Nina; Vuković Domanovac, Marija; Kučić, Dajana; Briški, Felicita. Evaluation of laboratory-scale in-vessel co-composting of tobacco and apple waste. // <i>Waste management</i> . 34 (2014); 2; 323-328	3,220 (2014.)	KI
18.	Kralik, Gordana; Sak-Bosnar, Milan; Kralik, Zlata; Galović, Olivera. Effect of beta-alanine dietary supplementatiton on concentration of carnosine and quality of broiler muscle tissue. // <i>Journal of poultry science</i> . 51 (2014); 2; 151-156	0,802 (2014.)	IK
19.	Krivohlavek, Adela; Žuntar, Irena; Ivešić, Martina; Mandić Andačić, Ivana; Šikić, Sandra. An important public health issue: chloramphenicol residues determination by liquid chromatography tandem mass spectrometry (LC-MS/MS) in honey. // <i>Psychiatria Danubina</i> . 26 (2014); S3; 537-545	1,301 (2014.)	IK
20.	Magdić, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Impedance of electrochemically modified graphite. // <i>Acta chimica Slovenica</i> . 61 (2014); 2; 366-375	0,686 (2014.)	IK
21.	Magdić, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Concept of spatial surface heterogeneity in impedance modelling of electrochemically activated glass-like carbon electrode. // <i>Electrochimica acta</i> . 117 (2014); 310-321	4,504 (2014.)	IK
22.	Marušić, Katarina; Hajdari, Zana; Otmačić Ćurković, Helena. Optimizing the preparation procedure of self- assembled monolayer of stearic acid for protection of cupronickel alloy. // <i>Acta chimica Slovenica</i> . 61 (2014); 328-339	0,686 (2014.)	IK
23.	Milovac, Dajana; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. PCL-coated hydroxyapatite scaffold derived from cuttlefish bone: Morphology, mechanical properties and bioactivity. // <i>Materials science and engineering: C, Materials for biological applications</i> . 34 (2014); 437-445	3,088 (2014.)	IK
24.	Milovac, Dajana; Gamboa-Martínez Tatiana C.; Ivanković, Marica; Gallego Ferrer, Gloria; Ivanković, Hrvoje. PCL-coated hydroxyapatite scaffold derived from cuttlefish bone: in vitro cell culture studies. // <i>Materials science and engineering: C, Materials for biological applications</i> . 42 (2014); 264-272	3,088 (2014.)	IK
25.	Mužek, Mario Nikola; Svilović, Sandra; Zelić, Jelica. Fly ash-based geopolymeric adsorbent for copper ion removal from wastewater. // <i>Desalination and water treatment</i> . 52 (2014); 13/15; 2519-2526	1,173 (2014.)	KI

26.	Palčić, Marina; Milardović, Stjepan; Kereković, Irena; Grabarić, Zorana. Application of nitrilotriacetic acid modified gold electrode for determination of lead in natural waters with differential pulse adsorptive cathodic stripping voltammetry. // <i>International journal of electrochemical science</i> . 9 (2014); 7; 3701-3714	1,500 (2014.)	IK
27.	Perin, Nataša; Nhili, Raja; Ester, Katja; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Héle`ne; Hranjec, Marijana. Synthesis, antiproliferative activity and DNA binding properties of novel 5-aminobenzimidazo[1,2-a]quinoline-6-carbonitriles. // <i>European journal of medicinal chemistry</i> . 80 (2014); 218-227	3,447 (2014.)	IK
28.	Ptiček Siročić, Anita; Rešček, Ana; Hrnjak-Murgić, Zlata. Polyethylene nanocomposites filled with modified nanoparticles. // <i>Polymer-plastics technology and engineering</i> . 53 (2014); 8; 811-817	1,481 (2012.)	KI
29.	Ptiček Siročić, Anita; Rešček, Ana; Ščetar, Mario; Kratofil Krehula, Ljerka; Hrnjak-Murgić, Zlata. Development of low density polyethylene nanocomposites films for packaging. // <i>Polymer bulletin</i> . 71 (2014); 3; 705-717	1,438 (2014.)	KI
30.	Pustaj, Gordana; Kapor, Frankica; Kvasnička, Predrag. Inhibition properties and adsorption behavior of olive leaf extract on N80 carbon steel in CO ₂ - saturated brine solution. // <i>International journal of materials research</i> . 105 (2014); 10; 992-998	0,639 (2014.)	IK
31.	Rogina, Anamarija. Electrospinning process: Versatile preparation method for biodegradable and natural polymers and biocomposite systems applied in tissue engineering and drug delivery. // <i>Applied surface science</i> . 296 (2014); 221-230	2,711 (2014.)	IK
32.	Sander, Aleksandra; Penović, Tomislav. Droplet size distribution obtained by atomization with two-fluid nozzles in a spray dryer. // <i>Chemical engineering & technology</i> . 37 (2014); 12; 2073-2084	2,442 (2014.)	KI
33.	Samardžić, Mirela; Galović, Olivera; Petrušić, Sanja; Sak-Bosnar, Milan. The analysis of anionic surfactants in effluents using a DDA-TBP potentiometric sensor. // <i>International journal of electrochemical science</i> . 9 (2014); 11; 6166-6181	1,500 (2014.)	IK
34.	Skoko, Božena; Marović, Gordana; Babić, Dinko. Radioactivity in the Mediterranean flora of the Kaštela Bay, Croatia. // <i>Journal of environmental radioactivity</i> . 135 (2014); 36-43	2,483 (2014.)	IK
35.	Sopčić, Suzana; Mandić, Zoran; Kraljić Roković, Marijana. Some factors influencing power and energy capabilities of RuO ₂ supercapacitors. // <i>Acta chimica Slovenica</i> . 61 (2014); 2; 272-279	0,686 (2014.)	IK
36.	Steinberg, Matthew D.; Kassal, Petar; Tkalčec, Biserka; Murković Steinberg, Ivana. Miniaturised wireless smart tag for optical chemical analysis applications. // <i>Talanta</i> . 118 (2014); 375-381	3,545 (2014.)	IK
37.	Stipišić, Angela; Veršić Bratinčević, Maja; Knezović, Zlatka, Sutlović, Davorka. Metal content in medieval skeletal remains from Southern Croatia. // <i>Journal of archaeological science</i> . 46 (2014); 393-400	2,196 (2014.)	IK
38.	Sudar, Martina; Findrik, Zvezdana; Vuković Domanovac, Marija; Vasić-Rački, Đurđa. Coenzyme regeneration catalyzed by NADH oxidase from <i>Lactococcus lactis</i> . // <i>Biochemical engineering journal</i> . 88 (2014); 12-18	2,467 (2014.)	KI
39.	Šagud, Ivana; Božić, Simona; Marinić, Željko; Šindler-Kulyk, Marija. Photochemical approach to functionalized benzobicyclo[3.2.1]octene structures via fused oxazoline derivatives from 4- and 5-(o-vinylstyryl)oxazoles. // <i>Beilstein journal of organic chemistry</i> . 10 (2014); 2222-2229	2,757 (2014.)	IK
40.	Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna; Mazzucato, Ugo. Photoisomerization and photocyclization of 5-styryloxazole. // <i>Croatica chemica acta</i> . 87 (2014); 4; 327-333	0,728 (2014.)	IK
41.	Šalić, Anita; Zelić, Bruno. ADH catalysed hexanol oxidation with fully integrated NADH regeneration performed in microreactors connected in series. // <i>RSC Advances</i> . 4 (2014); 41714-41721	3,840 (2014.)	KI
42.	Šoštarić, Igor; Nežić, Igor; Jović, Franjo; Marčelić, Eugen; Meštrović, Ernest; Zrnčević, Stanka. Modeling-based development of an enantioselective hydrogenation reaction of a sitagliptine intermediate. // <i>Chemical and biochemical engineering quarterly</i> . 28 (2014); 1; 1-11	0,802 (2014.)	KI
43.	Tusić, Marko; Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa. Operational stability of glucoamylase in continuously operated ultrafiltration membrane reactor – experimental methods and mathematical model. // <i>Chemical and biochemical engineering quarterly</i> . 28 (2014); 4; 473-480	0,802 (2014.)	KI

44.	Ukić, Šime; Novak, Mirjana; Vlahović, Ana; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography—Part I: Conventional QSRR approach. // <i>Chromatographia</i> . 77 (2014); 985-996	1,411 (2014.)	IK
45.	Ukić, Šime; Novak, Mirjana; Vlahović, Ana; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography. Part II: Artificial intelligence QSRR approach. // <i>Chromatographia</i> . 77 (2014); 997-1007	1,411 (2014.)	IK
46.	Vladislavić, Nives; Brinić, Slobodan; Grubač, Zoran; Buzuk, Marijo. Study of bismuth film formation on different carbon based electrodes for possible applicability in electroanalytical determination of cysteine. // <i>International journal of electrochemical science</i> . 9 (2014); 11 ; 6020-6032	1,500 (2014.)	IK
47.	Žegarac, Miroslav; Lekšić, Edislav; Šket, Primož; Plavec, Janez; Devčić Bogdanović, Maja; Bučar, Dejan-Krešimir; Dumić, Miljenko; Meštrović, Ernest. A sildenafil cocrystal based on acetylsalicylic acid exhibits an enhanced intrinsic dissolution rate. // <i>Crystal engineering communication</i> . 16 (2014); 32-35	4,034 (2014.)	IK
48.	Šoštarić, Igor; Nežić, Igor; Jović, Franjo; Marčelić, Eugen; Meštrović, Ernest; Zrnčević, Stanka. Modeling-based development of an enantioselective hydrogenation reaction of a sitagliptine intermediate. // <i>Chemical and biochemical engineering quarterly</i> . 28 (2014) ; 1 ; 1-11	0,802 (2014.)	KI
49.	Skuhala, Tomislava; Trkulja, Vladimir; Runje, Mislav; Vukelić, Dalibor; Desnica, Boško. Albendazolesulphoxide concentrations in plasma and hydatid cyst and prediction of parasitological and clinical outcomes in patients with liver hydatidosis caused by <i>Echinococcus granulosus</i> . // <i>Croatian medical journal</i> . 55 (2014) , 2 ; 146-155	1,305 (2014.)	KIP
50.	Baković, Marija; Nestić, Marina; Mayer, Davor. Death by band-aid: fatal misuse of transdermal fentanyl patch. // <i>International journal of legal medicine</i> . 129 (2015); 1247-1252	2,862 (2015.)	IK
51.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica. Determination of macro and microelements in cow, goat and human milk using inductively coupled plasma optical emission spectrometry. // <i>Spectroscopy letters</i> . 48 (2015) , 9 ; 677-684	0,885 (2015.)	IK
52.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana. Macro- and microelement content differences between milk and yoghurt. // <i>Archives of biological sciences</i> . 67 (2015) , 4 ; 1391-1397	0,367 (2015.)	IK
53.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica; Vrbić, Antonija. Content of macro- and microelements and evaluation of the intake of different dairy products consumed in Croatia. // <i>Journal of food composition and analysis</i> . 40 (2015) ; 143-147	2,780 (2015.)	IK
54.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav; Šimić, Branimir. Concentration of mercury and selenium concentrations in the tissues of five cetacean species from Croatian coastal waters. // <i>Archives of biological sciences</i> . 67 (2015) , 4 ; 1377-1389	0,367 (2015.)	IK
55.	Bilandžić, Nina; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Đokić, Maja; Sedak, Marija; Tanković, Sanin; Potočnjak, Dalibor; Cvetnić, Željko. Monitoring of aflatoxin M1 in raw milk during four seasons in Croatia. // <i>Food control</i> . 54 (2015) ; 331-337	3,388 (2015.)	IK
56.	Bituh, Tomislav; Petrincec, Branko; Skoko, Božena; Vučić, Zlatko; Marović, Gordana. Measuring and modelling the radiological impact of a phosphogypsum deposition site on the surrounding environment. // <i>Arhiv za higijenu rada i toksikologiju</i> . 66 (2015); 31-40	0,971 (2015.)	IK
57.	Budžaki, Sandra; Šalić, Anita; Zelić, Bruno; Tišma, Marina. Enzyme catalyzed biodiesel production from edible and waste cooking oil. // <i>Chemical and biochemical engineering quarterly</i> . 29 (2015); 3 ; 329-333	0,675 (2015.)	KI
58.	Fraguna, Fabio; Siuc, Valentina; Vidović, Elvira; Jukić, Ante. Reactivity ratios and properties of copolymers of 2-ethoxyethyl methacrylate with dodecyl methacrylate or styrene. // <i>Journal of polymer research</i> . 22:Article 245 (2015); 1-11	1,969 (2015.)	IK
59.	Fraguna, Fabio; Vidović, Elvira; Jukić, Ante. Reactivity ratios and copolymer properties of 2-(diisopropylamino)ethyl methacrylate with methyl methacrylate and styrene. // <i>Polymer international</i> . 64 (2015); 1497-1504	2,414 (2015.)	IK
60.	Foglar, Lucija; Papić, Sanja; Margeta, Dunja; Sertić-Bionda, Katica. The use of different reactor systems for biological treatment of petroleum refinery wastewaters. // <i>Fresenius environmental bulletin</i> . 24 (2015); 11 a ; 3695-3702	0,372 (2015.)	KI

61.	Galović, Olivera; Samardžić, Mirela; Sak-Bosnar, Milan. A new microsensor for the determination of anionic surfactants in commercial products. // <i>International journal of electrochemical science</i> . 10 (2015); 5176-5193	1,692 (2015.)	IK
62.	Galović, Olivera; Samardžić, Mirela; Petrušić, Sanja; Sak-Bosnar, Milan. Application of a new potentiometric sensor for determination of anionic surfactants in wastewater. // <i>Chemical and biochemical engineering quarterly</i> . 29 (2015); 3; 307-313	0,675 (2015.)	IK
63.	Jakovljević, Ivana; Pehcec, Gordana; Vadjic, Vladimira; Šišović, Anica; Davila, Silvije; Bešlić, Ivan. Carcinogenic activity of polycyclic aromatic hydrocarbons bounded on particle fraction. // <i>Environmental science and pollution research international</i> . 22 (2015), 20; 15931-15940	2,760 (2015.)	IK
64.	Jakovljević, Tamara; Radojčić Redovniković, Ivana; Cvjetko Bubalo, Marina; Bukovac, Ivana; Sedak, Marija; Đokić, Maja; Bilandžić, Nina. Potencijal jablana (<i>Populus nigra</i> var. <i>italica</i>) u fitoremedijaciji kadmija. // <i>Šumarski list : znanstveno-stručno i staleško glasilo Hrvatskoga šumarskog društva</i> . 5-6 (2015); 223-232	0,235 (2015.)	IK
65.	Jozanović, Marija; Sakač, Nikola; Jakobović, Danijela; Sak-Bosnar, Milan. Analytical characterization and quantification of histidine dipeptides, carnosine and anserine by modeling of potentiometric titration data. // <i>International journal of electrochemical science</i> . 10 (2015); 5787-5799	1,692 (2015.)	IK
66.	Jozanović, Marija; Medvidović-Kosanović, Martina; Sak-Bosnar, Milan. Voltammetric characterization and determination of histidine dipeptides - carnosine and anserine. // <i>International journal of electrochemical science</i> . 10 (2015); 8; 6548-6557	1,692 (2015.)	IK
67.	Kassal, Petar; Kim, Jayoung; Kumar, Rajan; de Araujo, William Reis; Steinberg, Ivana; Steinberg, Matthew; Wang, Joseph. Smart bandage with wireless connectivity for uric acid biosensing as an indicator of wound status. // <i>Electrochemistry communications</i> . 56 (2015); 6-10	4,569 (2015.)	IK
68.	Kerolli-Mustafa, Mihone; Ćurković, Lidija; Fajković, Hana; Rončević, Sanda. Ecological risk assessment of jarosite waste disposal. // <i>Croatica chemica acta</i> . 88 (2015); 2; 189-196	0,732 (2015.)	IK
69.	Kerolli-Mustafa, Mihone; Fajković, Hana; Rončević, Sanda; Ćurković, Lidija. Assessment of metals risks from different depths of jarosite tailing waste of Trepča Zinc Industry, Kosovo based on BCR procedure. // <i>Journal of geochemical exploration</i> . 148 (2015); 161-168	2,147 (2015.)	IK
70.	Le Cunff, Jérôme; Tomašić, Vesna; Wittine, Ozren. Photocatalytic degradation of the herbicide terbuthylazine: preparation, characterization and photoactivity of the immobilized thin layer of TiO ₂ /chitosan. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 309 (2015); 22-29	2,477 (2015.)	KI
71.	Magdić, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Impedance approach to activity of hydrogen evolution reaction on spatially heterogeneous GC electrode surfaces: metal free vs. Ru catalysed case. // <i>Electrochimica acta</i> . 167 (2015); 455-469	4,803 (2015.)	IK
72.	Meščić, Andrijana; Harej, Anja; Klobučar, Marko; Glavač, Danijel; Cetina, Mario; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Discovery of new acid ceramidase-targeted acyclic 5-alkynyl and 5-heteroaryl uracil nucleosides. // <i>ACS Medicinal chemistry letters</i> . 6 (2015); 11; 1150-1155	3,355 (2015.)	IK
73.	Milić, Mirta; Leitinger, Gerd; Pavičić, Ivan; Zebić Avdičević, Maja; Dobrović, Slaven; Goessler, Walter; Vinković Vrček, Ivana. Cellular uptake and toxicity effects of silver nanoparticles in mammalian kidney cells. // <i>Journal of applied toxicology</i> . 35 (2015), 6; 581-592	2,722 (2015.)	IK
74.	Palaić, Nikolina; Sertić-Bionda, Katica; Margeta, Dunja; Podolski, Štefica. Oxidative desulphurization of diesel fuels. // <i>Chemical and biochemical engineering quarterly</i> . 29 (2015); 3; 323-327	0,675 (2015.)	KI
75.	Panjičko, Mario; Zupančič, Gregor Drago; Zelić, Bruno. Anaerobic biodegradation of raw and pre-treated brewery spent grain utilizing solid state anaerobic digestion. // <i>Acta chimica Slovenica</i> . 62 (2015); 4; 818-827	1,167 (2015.)	KI
76.	Raić-Malić, Silvana; Meščić, Andrijana. Recent trends in 1, 2, 3-triazolo-nucleosides as promising anti-infective and anticancer agents. // <i>Current medicinal chemistry</i> . 22 (2015); 1462-1499	3,455 (2015.)	IK
77.	Rešček, Ana; Kratožil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murđić, Zlata. Active bilayer PE/PCL films for food packaging modified with zinc oxide and casein. // <i>Croatica chemica acta</i> . 88 (2015);4; 461-473	0,732 (2015.)	KI
78.	Ristić, Mira; Opačak, Ivana; Štajdohar, Jasenka; Musić, Svetozar. The influence of CTAB and gum arabic on the precipitation of a-FeOOH in a highly alkaline medium. // <i>Journal of molecular structure</i> . 1090 (2015); 129-137	1,780 (2015.)	IK

79.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Effect of in situ formed hydroxyapatite on microstructure of freeze-gelled chitosan-based biocomposite scaffolds. // <i>European polymer journal</i> . 68 (2015); 278-287	3,485 (2015.)	IK
80.	Salihović, Mirsada; Osmanović, Amar; Špirtović-Halilović, Selma; Roca, Sunčica; Mešćić, Andrijana; Vujisić, Ljubodrag; Trifunović, Snežana; Završnik, Davorka; Sofić, Emin Synthesis, structural, conformational and DFT studies of N-3 and O-4 alkylated regioisomers of 5-(hydroxypropyl)pyrimidine. // <i>Journal of molecular structure</i> . 1091 (2015); 170-176	1,780 (2015.)	IK
81.	Steinberg, Matthew; Kassal, Petar; Kereković, Irena; Steinberg, Ivana. A wireless potentiostat for mobile chemical sensing and biosensing. // <i>Talanta</i> . 143 (2015); 178-183	4,035 (2015.)	IK
82.	Stipković Babić, Maja; Makuc, Damjan; Plavec, Janez; Martinović, Tamara; Kraljević Pavelić, Sandra; Pavelić, Krešimir; Snoeck, Robert; Andrei, Graciela; Schols, Dominique; Wittine, Karlo; Mintas, Mladen. Novel halogenated 3-deazapurine, 7-deazapurine and alkylated 9-deazapurine derivatives of L-ascorbic or imino-L-ascorbic acid: Synthesis, antitumour and antiviral activity evaluations. // <i>European journal of medicinal chemistry</i> . 102 (2015); 288-302	3,902 (2015.)	IK
83.	Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa; Soler, Anna; Clapes, Pere. A new concept for production of (3S, 4R)-6-[(benzyloxycarbonyl)amino]-5, 6-dideoxyhex-2-ulose, a precursor of D-fagomine. // <i>RSC advances</i> . 5 (2015); 69819-69828	3,289 (2015.)	KI
84.	Šagud, Ivana; Antol, Ivana; Marinić, Željko; Šindler-Kulyk, Marija. Photoinduced intramolecular formal [4 + 2] cycloaddition of aryl-substituted o-vinylstyryl-2-oxazoles to form benzo[f]quinoline derivatives: experimental results and theoretical interpretation. // <i>Journal of organic chemistry</i> . 80 (2015); 9535-9541	4,785 (2015.)	IK
85.	Šmidt, Marina; Kušić, Hrvoje Juretić, Daria; Novak Stankov, Mirjana; Ukić, Šime; Bolanča, Tomislav; Rogošić, Marko; Lončarić Božić, Ana. Modeling photooxidative degradation of aromatics in water; optimization study using response surface and structural-relationship approaches. // <i>Industrial & engineering chemistry research</i> . 54 (2015); 20; 5427-5441	2,567 (2015.)	IK
86.	Ukić, Šime; Novak, Mirjana; Krilić, Anamarija; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography. Part III: Fuzzy logic QSRR approach. // <i>Chromatographia</i> . 78 (2015); 889-898	1,332 (2015.)	IK
87.	Velić, Natalija; Galović, Olivera; Sak-Bosnar, Milan; Rezić, Tonči; Šantek, Božidar; Stanić, Ana. Optimization of ISEs for simultaneous NH ₄ ⁺ , NO ₃ ⁻ and NO ₂ ⁻ monitoring in synthetic wastewater using Solver. // <i>Environmental engineering and management journal</i> . 14 (2015); 3; 681-688	1,008 (2015.)	IK
88.	Krištafor, Svjetlana; Bistirović, Andrea; Plavec, Janez; Makuc, Damjan; Martinović, Tamara; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. One-pot click synthesis of 1, 2, 3-triazole- embedded unsaturated uracil derivatives and hybrids of 1, 5- and 2, 5-disubstituted tetrazoles and pyrimidines. // <i>Tetrahedron letters</i> . 56 (2015); 1222-1228	2,347 (2015.)	KIP
89.	Bilandžić, Nina; Đokić, Maja; Sedak, Marija; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav. Copper levels in tissues of dolphins <i>Tursiops truncatus</i> , <i>Stenella coeruleoalba</i> and <i>Grampus griseus</i> from the Croatian Adriatic coast. // <i>Bulletin of environmental contamination and toxicology</i> . 97 (2016), 3; 367-373	1,412 (2016.)	IK
90.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Božić Luburić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana; Đokić, Maja; Kmetić, Ivana; Murati, Teuta. Lead concentrations in raw cow and goat milk collected in rural areas of Croatia from 2010 to 2014. // <i>Bulletin of environmental contamination and toxicology</i> . 96 (2016); 645-649	1,412 (2016.)	IK
91.	Botti, Valentina; Elisei, Fausto; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Effect of the positional isomerism on the photoreactivity of styryloxazoles. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 316 (2016); 95-103	2,625 (2016.)	IK
92.	Botti, Valentina; Elisei, Fausto; Fragona, Fabio; Marinić, Željko; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Deactivating effect of the pyridine n, π* states on the photoreactivity of 5-[2-(pyridin-nyl)ethenyl]oxazole (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 329 (2016); 262-272	2,625 (2016.)	IK

93.	Burazer, Sanja; Sopčić, Suzana; Mandić, Zoran. Anodic deposition of lead dioxide at Nafion® covered gold electrode. // <i>Journal of solid state electrochemistry</i> . 20 (2016);11; 3053-3059	2,316 (2016.)	IK
94.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on their dispersibility and properties of poly(styrene/methacrylate) nanocomposites. // <i>European polymer journal</i> . 84 (2016); 218-235	3,531 (2016.)	IK
95.	Findrik, Zvezdana; Megyeri, Gabor; Gubicza, Laszlo; Bélafi-Bakó, Katalin; Nemestóthy, Nandor; Sudar, Martina. Lipase catalyzed synthesis of glucose palmitate in ionic liquid. // <i>Journal of cleaner production</i> . 112 (2016); 1106-1111	5,715 (2016.)	KI
96.	Galović, Olivera; Samardžić, Mirela; Hajduković, Mateja; Sak-Bosnar, Milan. A new graphene-based surfactant sensor for the determination of anionic surfactants in real samples. // <i>Sensors and actuators. B, Chemical</i> . 236 (2016); 257-267	5,401 (2016.)	IK
97.	Generalić Mekinić, Ivana; Blažević, Ivica; Mudnić, Ivana; Burčul, Franko; Grga, Mia; Skroza, Danijela; Jerčić, Iva; Ljubenković, Ivica; Boban, Mladen; Miloš, Mladen; Katalinić, Višnja. Sea fennel (<i>Crithmum maritimum</i> L.) : phytochemical profile, antioxidative, cholinesterase inhibitory and vasodilatory activity. // <i>Journal of food science and technology</i> . 53 (2016); 7; 3104-3112	1,262 (2016.)	IK
98.	Godec, Ranka; Jakovljević, Ivana; Šega, Krešimir; Čačković, Mirjana; Bešlić, Ivan; Davila, Silvije; Pehneć, Gordana. Carbon species in PM10 particle fraction at different monitoring sites. // <i>Environmental pollution</i> . 216 (2016) ; 700-710	5,099 (2016.)	IK
99.	Hajdari, Zana; Otmačić Čurković, Helena; Čadež, Vida; Šegota, Suzana. Corrosion protection of cupronickel alloy by self-assembled films of fatty acids. // <i>Journal of the electrochemical society</i> . 163 (2016); 5; C145-C155	3,259 (2016.)	IK
100.	Hajdari Gretić, Zana; Kristan Mioč, Ekatarina; Čadež, Vida; Šegota, Suzana; Otmačić Čurković, Helena; Hosseinpour, Saman. The influence of thickness of stearic acid self-assembled film on its protective properties. // <i>Journal of the electrochemical society</i> . 163 (2016); 14; C937-C944	3,259 (2016.)	KIP, IK
101.	Hrenović, Jasna; Goić-Barišić, Ivana; Kazazić, Snježana; Kovačić, Ana; Ganjto, Marin; Tonkić, Marija. Carbapenem-resistant isolates of <i>Acinetobacter baumannii</i> in a municipal wastewater treatment plant, Croatia, 2014. // <i>Eurosurveillance</i> . 21 (2016) , 15; 21-30, Article number: 30195	7,202 (2016.)	IK
102.	Ivanković, Antonio; Martinez, Sanja; Šoić, Ivana. Suppression of general and localized corrosion by air-dried TiO ₂ nanostructured coatings on AISI 304 stainless steel. // <i>International journal of electrochemical science</i> . 11 (2016); 7660-7673	1,469 (2016.)	IK
103.	Jakovljević, Ivana; Pehneć, Gordana; Šišović, Anica; Vadić, Vladimira; Davila, Silvije; Godec, Ranka. Concentrations of PAHs and other gaseous pollutants in the atmosphere of a rural area. // <i>Journal of environmental science and health. Part A, Toxic/hazardous substances & environmental engineering</i> . 51 (2016) ; 707-713	1,425 (2016.)	IK
104.	Kerolli-Mustafa, Mihone; Mandić, Vilko; Čurković, Lidija; Šipušić, Juraj. Investigation of thermal decomposition of jarosite tailing waste: A prerequisite for comprehensive jarosite reuse and waste minimization. // <i>Journal of thermal analysis and calorimetry</i> . 123 (2016); 1; 421-430	1,953 (2016.)	IK
105.	Kerolli-Mustafa, Mihone; Čurković, Lidija. Analysing the characteristics and application potentials of jarosite waste in Kosovo. // <i>Global NEST Journal</i> . 18 (2016); 1; 89-97	0,665 (2016.)	IK
106.	Kurajica, Stanislav; Minga, Iva; Mandić, Vilko; Matijašić, Gordana. Nanocrystalline anatase derived from modified alkoxide mesostructured gel. // <i>Journal of thermal analysis and calorimetry</i> . 124 (2016); 2; 645-655	1,953 (2016.)	IK
107.	Margeta, Dunja; Grčić, Ivana; Papić, Sanja; Sertić-Bionda, Katica; Foglar, Lucija. Impact of ultrasound application on oxidative desulfurization of diesel fuel and on treatment of resulting wastewater. // <i>Environmental technology</i> . 37 (2016); 3, 1; 293-299	1,751 (2016.)	KI
108.	Margeta, Dunja; Sertić-Bionda, Katica; Foglar, Lucija. Ultrasound assisted oxidative desulfurization of model diesel fuel. // <i>Applied acoustics</i> . 103 (2016); 202-206	1,921 (2016.)	KI
109.	Margeta, Dunja; Ujević Andrijić, Željka; Sertić-Bionda, Katica. Prediction of dibenzothiophene conversion in the ultrasound assisted oxidative desulfurization process by regression model and neural network. // <i>Petroleum science and technology</i> . 34 (2016); 21; 1797-1802	0,655 (2016.)	KI

110.	Mladineo, Ivona; Popović, Marijana; Drmić-Hofman, Irena; Vedra, Poljak. A case report of <i>Anisakis pegreffii</i> (Nematoda, Anisakidae) identified from archival paraffin sections of a Croatian patient. // <i>Bmc infectious diseases</i> . 16 (2016); 42 Article Number: 42	2,768 (2016.)	IK
111.	Mužek, Mario Nikola; Svilović, Sandra; Ugrina, Marin; Zelić, Jelica. Removal of copper and cobalt ions by fly ash-based geopolymer from solutions-equilibrium study. // <i>Desalination and water treatment</i> . 57 (2016); 23; 10689-10699	1,631 (2016.)	KI
112.	Mužek, Mario Nikola; Svilović, Sandra; Zelić, Jelica. Kinetic studies of cobalt ion removal from aqueous solutions using fly ash-based geopolymer and zeolite NaX as sorbents. // <i>Separation science and technology</i> . 51 (2016); 18; 2868-2875	1,106 (2016.)	KI
113.	Pehnec, Gordana; Jakovljević, Ivana; Šišović, Anica; Bešlić, Ivan; Vadić, Vladimira. Influence of ozone and meteorological parameters on levels of polycyclic aromatic hydrocarbons in the air. // <i>Atmospheric environment</i> . 131 (2016); 263-268	3,629 (2016.)	IK
114.	Pustaj, Gordana; Kapor, Frankica; Veinović, Želimir. Olive leaf extract as a corrosion inhibitor of carbon steel in CO ₂ -saturated chloride-carbonate solution. // <i>International journal of electrochemical science</i> . 11 (2016); 9; 7811-7829	1,469 (2016.)	IK
115.	Rešček, Ana; Ščetar, Mario; 122-138Hrnjak-Murgić, Zlata; Dimitrov, Nino; Galić, Kata. Polyethylene/polycaprolactone nanocomposite films for food packaging modified with magnetite and casein: oxygen barrier, mechanical and thermal properties. // <i>Polymer-plastics technology and engineering</i> . 55 (2016); 14; 1450-1459	1,232 (2016.)	IK, KI
116.	Rogina, Anamarija; Hanžek, Andrija; Pribolšan, Lidija; Gómez-Estrada, Luis; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Macroporous poly(lactic acid) construct supporting the osteoinductive porous chitosan-based hydrogel for bone tissue engineering. // <i>Polymer</i> . 98 (2016); 172-181	3,684 (2016.)	IK
117.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. In situ hydroxyapatite content affects the cell differentiation on porous chitosan/hydroxyapatite scaffolds. // <i>Annals of biomedical engineering</i> 44 (2016); 4; 1107-1119	3,221 (2016.)	IK
118.	Steinberg, Matthew; Kassal, Petar; Steinberg, Ivana. System architectures in wearable electrochemical sensors. // <i>Electroanalysis</i> . 28 (2016); 6; 1149-1169	2,851 (2016.)	IK
119.	Šalić, Anita; Pindrić, Katarina; Hojnik Podrepšek, Gordana; Novosel, Nikolina; Leitgeb, Maja; Zelić, Bruno. NADH oxidation in a microreactor with an oscillating magnetic field. // <i>Journal of flow chemistry</i> . 6 (2016); 27-32	1,768 (2016.)	KI
120.	Varenina, Ivana; Bilandžić, Nina; Solomun Kolanović, Božica; Božić, Đurđica; Sedak, Marija; Đokić, Maja; Varga, Ines. Validation of a liquid chromatography-tandem mass spectrometry method for the simultaneous determination of sulfonamides, trimethoprim and dapsone in muscle, egg, milk and honey. // <i>Food additives and contaminants Part A-Chemistry analysis control exposure & risk assessment</i> . 33 (2016); 4; 656-667	2,047 (2016.)	IK
121.	Zamfirova, Galina; Gaydarov, Valentin; Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on the mechanical properties of polymethacrylate nanocomposites. // <i>Colloids and surfaces A: physicochemical and engineering aspects</i> . 510 (2016); 169-175	2,714 (2016.)	IK
122.	Drljača, Dijana; Ašperger, Danijela; Ferencak, Matea; Gavranic, Marija; Babić, Sandra; Mikac, Iva; Ahel, Marijan. Comparison of four extraction methods for the determination of veterinary pharmaceuticals in sediment. // <i>Chromatographia</i> . 79 (2016); 209-223	1,402 (2016.)	IK
123.	Hajdari Gretić, Zana; Kristan Mioč, Ekatarina; Čadež, Vida; Šegota, Suzana; Otmačić Čurković, Helena; Hosseinpour, Saman. The influence of thickness of stearic acid self-assembled film on its protective properties. // <i>Journal of the electrochemical society</i> . 163 (2016); 14; C937-C944	3,259 (2016.)	KIP , IK
124.	Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Marin, Vedrana; Lončarić Božić, Ana. Comparative analysis of UV-C/H ₂ O ₂ and UV-A/TiO ₂ processes for the degradation of diclofenac in water. // <i>Reaction kinetics, mechanisms and catalysis</i> . 118 (2016); 451-462	1,264 (2016.)	KIP
125.	Kovačić, Marin; Salaeh, Subhan; Kušić, Hrvoje; Suligoj, Andraz; Kete, Marko; Fanetti, Mattia; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Solar-driven photocatalytic treatment of diclofenac using immobilized TiO ₂ -based zeolite composites. // <i>Environmental science and pollution research</i> . 23 (2016); 17982-17994	2,741 (2016.)	KIP

126.	Kovačić, Marin; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lončarić Božić, Ana. UV photolysis of diclofenac in water; kinetics, degradation pathway and environmental aspects. // <i>Environmental science and pollution research</i> . 23 (2016); 15; 14908-14917	2,741 (2016.)	KIP , IK
127.	Runje, Mislav; Babić, Sandra; Meštrović, Ernest; Nekola, Irena; Dujmić-Vučinić, Željka; Vojčić, Nina. Forced degradation of nepafenac: development and validation of stability indicating UHPLC method. // <i>Journal of pharmaceutical and biomedical analysis</i> . 123 (2016); 42-52	3,255 (2016.)	KIP
128.	Sačar, Denis; Čapeta, Davor; Šrut Rakić, Iva; Peter, Robert; Petravić, Mladen; Kraljić Roković, Marijana. Tailoring polypyrrole supercapacitive properties by intercalation of graphene oxide within the layer. // <i>Electrochimica acta</i> . 193 (2016); 311-320	4,798 (2016.)	KIP
129.	Bilandžić, Nina; Tlak Gajger, Ivana; Kosanović, Marina; Čalopek, Bruno; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Božić Luburića, Đurđica; Varga, Ines; Đokić, Maja. Essential and toxic element concentrations in monofloral honeys from southern Croatia. // <i>Food chemistry</i> . 234 (2017); 245-253	4,946 (2017.)	IK
130.	Bolanča, Tomislav; Strahovnik, Tomislav; Ukić, Šime; Novak Stankov, Mirjana; Rogošić, Marko. Modeling of policies for reduction of GHG emissions in energy sector using ANN : case study-Croatia (EU). // <i>Environmental science and pollution research</i> . 24 (2017), 19; 16172-16185	2,800 (2017.)	IK
131.	Čurković, Lidija; Jukić, Mirela; Šokčević, Zrinka; Majić Renjo, Marijana. Woody biomass fly ash as a low-cost sorbent for the removal of ionic dye from aqueous solution: Isotherm, kinetic modelling and thermodynamics. // <i>Desalination and water treatment</i> . 89 (2017); 171-180	1,383 (2017.)	IK
132.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017), 4; 375-383	1,383 (2017.)	KI, IK
133.	Hajduković, Mateja; Samardžić, Mirela; Galović, Olivera; Sečenji, Aleksandar; Sak-Bosnar, Milan. A functionalized nanomaterial based, new, solid state cationic-surfactant-selective sensor with fast response and low noise. // <i>Sensors and actuators. B, Chemical</i> . 251 (2017); 795-803	5,667 (2017.)	KIP, IK
134.	Herner, Željko; Kučić, Dajana; Zelić, Bruno. Biodegradation of imidacloprid by composting process. // <i>Chemical papers</i> . 71 (2017); 13-20	0,963 (2017.)	IK, KI
135.	Horak, Ema; Hranjec, Marijana; Vianello, Robert; Steinberg, Ivana. Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. // <i>Dyes and pigments</i> . 142 (2017); 108-115	3,767 (2017.)	IK
136.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Krištafor, Svjetlana; Karminski Zamola, Grace; Murković Steinberg, Ivana. Benzimidazole acrylonitriles as multifunctional push-pull chromophores: spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . 178 (2017); 225-233	2,880 (2017.)	IK
137.	Hranjec, Marijana; Horak, Ema; Babić, Darko; Plavljanin, Sanela; Srdović, Zrinka; Murković Steinberg, Ivana; Vianello, Robert; Perin, Nataša. Fluorescent benzimidazo[1, 2-a]quinolines: Synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. // <i>New journal of chemistry</i> . 41 (2017), 1; 358-371	3,201 (2017.)	IK
138.	Hrenović, Jasna; Ganjto, Marin; Goić-Barišić, Ivana. Carbapenem-resistant bacteria in a secondary wastewater treatment plant. // <i>Water SA</i> . 43 (2017), 2; 186-191	0,783 (2017.)	IK
139.	Hrenović, Jasna; Ivanković, Tomislav; Iveković, Damir; Repec, Siniša; Stipaničev, Draženka; Ganjto, Marin. The fate of carbapenem-resistant bacteria in a wastewater treatment plant. // <i>Water research</i> . 26 (2017), 1; 232-239	7,051 (2017.)	IK
140.	Jakovljević, Suzana; Alar, Vesna; Ivanković, Antonio. Electrochemical behaviour of PACVD TiN-coated CoCrMo medical alloy. // <i>Metals</i> . 7 (2017), 7; 231-1-231-14	1,704 (2017.)	IK
141.	Jukić, Mirela; Čurković, Lidija; Šabarić, Jasenka; Kerolli-Mustafa, Mihone. Fractionation of heavy metals in fly ash from wood biomass using the BCR sequential extraction procedure. // <i>Bulletin of environmental contamination and toxicology</i> . 99 (2017), 4; 524-529	1,480 (2017.)	IK

142.	Kurajica, Stanislav; Minga, Iva; Grčić, Ivana; Mandić, Vilko; Plodinec, Milivoj. The utilization of modified alkoxide as a precursor for solvothermal synthesis of nanocrystalline titania. // <i>Materials chemistry and physics</i> . 196 (2017) ; 194-204	2,210 (2017.)	IK
143.	Matana, Antonela; Torlak, Vesela; Brdar, Dubravka; Popović, Marijana; Lozić, Bernarda; Barbalić, Maja; Boraska Perica, Vesna; Punda, Ante; Polašek, Ozren; Hayward, Caroline; Zemunik, Tatijana. Dietary factors associated with plasma thyroid peroxidase and thyroglobulin antibodies. // <i>Nutrients</i> . 9 (2017) , 11; 1186-1-1186-8	4,196 (2017.)	IK
144.	Meštrović, Jakov; Pogorelić, Zenon; Drmić-Hofman, Irena; Vilović, Katarina; Todorčić, Davor; Popović, Marijana. Protective effect of urapidil on testicular torsion-detorsion injury in rats. // <i>Surgery today</i> . 47 (2017) , 3; 393-398	2,501 (2017.)	IK
145.	Panjičko, Mario; Zupančič, Gregor Drago; Fanel, Lijana; Marinšek Logar, Romana; Tišma, Marina; Zelić, Bruno. Biogas production from brewery spent grain as a mono-substrate in a two-stage process composed of solid-state anaerobic digestion and granular biomass reactors. // <i>Journal of cleaner production</i> . 166 (2017) ; 519-529	5,651 (2017.)	KI
146.	Tušek, Dragutin; Ašperger, Danijela; Bačić, Ivana; Čurković, Lidija; Macan, Jelena. Environmentally acceptable sorbents of chemical warfare agent simulants. // <i>Journal of material science</i> . 52 (2017) , 5; 2591-2604	2,993 (2017.)	IK
147.	Vidmar, Beti; Marinšek-Logar, Romana; Panjičko Mario; Fanel, Lijana. Influence of thermal and bacterial pretreatment of microalgae on biogas production in mesophilic and thermophilic conditions. // <i>Acta chimica Slovenica</i> . 64 (2017) , 1; 227-236	1,104 (2017.)	KI
148.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Effect of operating conditions on the performances of multichannel ceramic UF membranes for textile mercerization wastewater treatment. // <i>Environmental technology</i> . 38 (2017) , 1; 65-77	1,666 (2017.)	IK
149.	Zupančič, Gregor Drago; Panjičko, Mario; Zelić, Bruno. Biogas production from brewery's yeast using and anaerobic sequencing batch reactor. // <i>Food technology and biotechnology</i> . 55 (2017) , 2; 187-196	1,168 (2017.)	KI
150.	Bistrović, Andrea; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Kraljević Pavelić, Sandra; Cetina, Mario; Raić-Malić, Silvana. Synthesis and anti-proliferative effects of mono- and bis-purinomimetics targeting kinases. // <i>International journal of molecular sciences</i> . 18 (2017) , 11; 2292-1-2292-20	3,687 (2017.)	KIP
151.	Bistrović, Andrea; Stipaničev, Nikolina; Opačak-Bernardi, Teuta; Jukić, Marijana; Martinez, Sanja; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Synthesis of 4-aryl-1,2,3-triazolyl appended natural coumarin-related compounds with antiproliferative, radical scavenging activities and intracellular ROS production modification. // <i>New journal of chemistry</i> . 41 (2017) , 15; 7531-7543	3,201 (2017.)	KIP
152.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Đermadi, Jasna; Horvat, Sanja; Bolanča, Tomislav; Marin, Vedrana; Karamanis, Panagiotis; Lončarić Božić, Ana. Prediction of biodegradability of aromatics in water using QSAR modeling. // <i>Ecotoxicology and environmental safety</i> . 139 (2017) ; 139-149	3,974 (2017.)	KIP
153.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 375-383	1,383 (2017.)	KI, IK
154.	Kovačić, Marin; Kušić, Hrvoje; Fanetti, Mattia; Lavrenčić Štangar, Urška; Valant, Matjaž; Dionysiou, Dionysios D.; Lončarić Božić, Ana. TiO ₂ -SnS ₂ nanocomposites: solar-active photocatalytic materials for water treatment. // <i>Environmental science and pollution research</i> . 24 (2017) , 24; 19965-19979	2,800 (2017.)	KIP
155.	Sačar, Denis; Kralj, Magdalena; Sopčić, Suzana; Košević, Milica; Dekanski, Aleksandar; Kraljić Roković, Marijana. Supercapacitors based on graphene/pseudocapacitive materials. // <i>Journal of the Serbian chemical society</i> . 82 (2017) , 4; 411-416	0,797 (2017.)	KIP , IK
156.	Salaeh, Subhan; Kovačić, Marin; Kosir, Dominik; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reuse of TiO ₂ -based catalyst for solar driven water treatment; thermal and chemical reactivation. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 333 (2017) ; 117-129	2,891 (2017.)	KIP
157.	Beneta, Antonija; Mutavdžić Pavlović, Dragana; Periša, Ivan; Petrović, Mira. Multiresidue GC-MS/MS pesticide analysis for evaluation of tea and herbal infusion safety. // <i>International journal of environmental analytical chemistry</i> . 98 (2018) , 11; 987-1004	1,267 (2018.)	IK

158.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurđica; Varga, Ines; Benić, Miroslav; Roncarati, Alessandra. Element contents in commercial fish species from the Croatian market. // <i>Journal of food composition and analysis</i> . 71 (2018) ; 77-86	2,994 (2018.)	IK
159.	Bistrović, Andrea; Grbčić, Petra; Harej, Anja; Sedić, Mirela; Kraljević Pavelić, Sandra; Koštrun, Sanja; Plavec, Janez; Makuc, Damjan; Raić-Malić, Silvana. Small molecule purine and pseudopurine derivatives: synthesis, cytostatic evaluations and investigation of growth inhibitory effect in non-small cell lung cancer A549. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 33 (2018) , 1; 271-285	4,027 (2018.)	KIP
160.	Bistrović, Andrea; Krstulović, Luka; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Koštrun, Sanja; Kraljević Pavelić, Sandra; Bajić, Miroslav; Raić-Malić, Silvana. Design, synthesis and biological evaluation of novel benzimidazole amidines as potent multi-target inhibitors for the treatment of non-small cell lung cancer. // <i>European journal of medicinal chemistry</i> . 143 (2018) ; 1616-1634	4,833 (2018.)	KIP
161.	Bistrović, Andrea; Krstulović, Luka; Stolić, Ivana; Drenjančević, Domagoj; Talapko, Jasminka; Taylor, Martin; Kelly, John; Bajić, Miroslav; Raić-Malić, Silvana. Synthesis, anti-bacterial and anti-protozoal activities of amidinobenzimidazole derivatives and their interactions with DNA and RNA. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 33 (2018) , 1; 1323-1334	4,027 (2018.)	KIP
162.	Capjak, Ivona; Zebić Avdičević, Maja; Dutour Sikirić, Maja; Domazet Jurašin, Darija; Hozić, Amela; Pajić, Damir; Dobrović, Slaven; Goessler, Walter; Vinković Vrček, Ivana. Behavior of silver nanoparticles in wastewater: systematic investigation on the combined effects of surfactants and electrolytes in model systems. // <i>Environmental science: water research & technology</i> . 4 (2018) ; 2146-2159	4,195 (2018.)	IK
163.	Cindrić, Ines; Grčić, Ivana; Koprivanac, Natalija. The sensitization effect of waste toner powder in the photocatalytic degradation of surfactant sodium dodecylbenzene sulfonate over immobilized TiO ₂ -chitosan layer under UVC and solar irradiation. // <i>Reaction kinetics mechanisms and catalysis</i> . 124 (2018) , 2; 905-930	1,428 (2018.)	IK
164.	Duplančić, Marina; Tomašić, Vesna; Gomzi, Zoran. Catalytic oxidation of toluene: comparative study over powder and monolithic manganese-nickel mixed oxide catalysts. // <i>Environmental technology</i> . 39 (2018) , 15; 2004-2016	1,918 (2018.)	KI
165.	Đokić, Maja; Bilandžić, Nina; Sedak, Marija; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav; Bolanča, Tomislav. Manganese concentrations in tissues and skin of three dolphin species stranded in the Croatian waters of the Adriatic Sea from 1995 to 2013. // <i>Bulletin of environmental contamination and toxicology</i> . 100 (2018) ; 317-323	1,650 (2018.)	IK
166.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of chemical functionalization of carbon nanotubes on their dispersibility in alkyl methacrylate polymer matrix. // <i>Journal of applied polymer science</i> . 135 (2018) , 14; 46113-1-46113-11	2,188 (2018.)	IK
167.	Franjo, Mladen; Šalić, Anita; Zelić, Bruno. Microstructured devices for biodiesel production by transesterification. // <i>Biomass conversion and biorefinery</i> . 8 (2018) , 4; 1005-1020	2,326 (2018.)	KI
168.	Generalić Mekinić, Ivana; Šimat, Vida; Ljubenković, Ivica; Burčul, Franko; Grga, Mia; Mihajlovski, Marija; Lončar, Ružica; Katalinić, Višnja; Skroza, Danijela. Influence of the vegetation period on sea fennel, <i>Crithmum maritimum</i> L. (Apiaceae), phenolic composition, antioxidant and anticholinesterase activities. // <i>Industrial crops and products</i> . 124 (2018) ; 947-953	4,191 (2018.)	IK
169.	Grahek, Željko; Dulanská, Silvia; Karanović, Gorana; Coha, Ivana; Tucaković, Ivana; Nodilo, Marijana; Mátel, Lubomír. Comparison of different methodologies for the ⁹⁰ Sr determination in environmental samples. // <i>Journal of environmental radioactivity</i> . 181 (2018) ; 18-31	2,179 (2018.)	IK
170.	Hadžić, Alen; Voća, Neven; Golubić, Sandra. Life-cycle assessment of solid-waste management in city of Zagreb, Croatia. // <i>Journal of material cycles and waste management</i> . 20 (2018) , 2; 1286-1298	2,004 (2018.)	KI
171.	Horak, Ema; Kassal, Petar; Hranjec, Marijana; Steinberg Ivana. Benzimidazole functionalised Schiff bases: novel pH sensitive fluorescence turn-on chromoionophores for ion-selective optodes. // <i>Sensors and actuators. B, Chemical</i> . 258 (2018) ; 415-423	6,393 (2018.)	IK
172.	Horak, Ema; Kassal, Petar; Murković Steinberg, Ivana. Benzimidazole as a structural unit in fluorescent chemical sensors: the hidden properties of a multifunctional heterocyclic scaffold. // <i>Supramolecular chemistry</i> . 30 (2018) , 10; 838-857	1,660 (2018.)	IK
173.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Murković Steinberg, Ivana. Colourimetric and fluorimetric metal ion chemosensor based on a benzimidazole functionalised Schiff base. // <i>Supramolecular chemistry</i> . 30 (2018) , 10; 891-900	1,660 (2018.)	IK

174.	Jakovljević, Ivana; Pehnac, Gordana; Vađić, Vladimira; Čačković, Mirjana; Tomašić, Vesna; Doko-Jelinić, Jagoda. Polycyclic aromatic hydrocarbons in PM ₁₀ , PM _{2.5} and PM ₁ particle fractions in an urban area. // <i>Air quality atmosphere and health</i> . 11 (2018) ; 843-854	2,297 (2018.)	IK
175.	Jamnicky Hanzer, Sonja; Rožić, Mirela; Vukoje, Marina; Jukić, Mirela; Galić, Antonija. Safety evaluation of deinked pulp containing offset thermochromic inks. // <i>BioResources</i> . 13 (2018) , 1; 678-690	1,396 (2018.)	IK
176.	Jozanović, Marija; Sakač, Nikola; Sak-Bosnar, Milan; Carrilho, Emanuel. A simple and reliable new microchip electrophoresis method for fast measurements of imidazole dipeptides in meat from different animal species. // <i>Analytical and bioanalytical chemistry</i> . 410 (2018) , 18; 4359-4369	3,286 (2018.)	IK
177.	Ključević, Željko; Benzon, Benjamin; Ključević, Nikola; Veršić Bratinčević, Maja; Sutlović, Davorka. Liver damage indices as a tool for modifying methadone maintenance treatment: a cross-sectional study. // <i>Croatian medical journal</i> . 59 (2018) ; 298-306	1,624 (2018.)	IK
178.	Kordić, Šimo; Matijašić, Gordana; Gretić, Matija. Prediction of particle size distribution of dronedarone hydrochloride in spiral jet mill using design of experiments. // <i>Chemical engineering communications</i> . 205 (2018) , 2; 197-206	1,431 (2018.)	KI
179.	Kovačević, Tatjana; Mesić, Milan; Avdagić, Amir; Žegarac, Miroslav. An alternative synthesis of the non-small cell lung carcinoma drug afatinib. // <i>Tetrahedron letters</i> . 59 (2018) ; 4180-4182	2,259 (2018.)	IK
180.	Kovačić, Marin; Katić, Jozefina; Kušić, Hrvoje; Lončarić Božić, Ana; Metikoš Huković, Mirjana. Elucidating the photocatalytic behavior of TiO ₂ -SnS ₂ composites based on their energy band structure. // <i>Materials</i> . 11 (2018) , 6; 1041-1-1041-19	2,972 (2018.)	KIP
181.	Kovačić, Marin; Kopčić, Nina; Kušić, Hrvoje; Lončarić Božić, Ana. Solar driven degradation of 17β-estradiol using composite photocatalytic materials and artificial irradiation source: Influence of process and water matrix parameters. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 361 (2018) ; 48-61	3,261 (2018.)	KIP
182.	Kovačić, Marin; Kopčić, Nina; Kušić, Hrvoje; Štangar, Urška Lavrenčič; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reactivation and reuse of TiO ₂ -SnS ₂ composite catalyst for solar-driven water treatment. // <i>Environmental science and pollution research</i> . 25 (2018) , 3; 2538-2551	2,914 (2018.)	KIP
183.	Kurajica, Stanislav; Mandić, Vilko; Tomašić, Vesna; Duplančić, Marina; Matijašić, Gordana; Mužina, Katarina. Catalytic activity and related properties of sol-gel-derived manganese-doped gahnite. // <i>Journal of nanoparticle research</i> . 20 (2018) ; 178-1-178-12	2,009 (2018.)	KI
184.	Kristan Mioč, Ekatarina; Hajdari Gretić, Zana; Otmačić Čurković, Helena. Modification of cupronickel alloy surface with octadecylphosphonic acid self-assembled films for improved corrosion resistance. // <i>Corrosion science</i> . 134 (2018) ; 189-198	6,355 (2018.)	KIP, IK
185.	Kuharić, Željka; Jakopović, Željko; Čanak, Iva; Frece, Jadranka; Bošnjir, Jasna; Pavlek, Željka; Ivešić, Martina; Markov, Ksenija. Removing aflatoxin M1 from milk with native lactic acid bacteria, centrifugation, and filtration. // <i>Arhiv za higijenu rada i toksikologiju</i> . 69 (2018) , 4; 334-339	1,436 (2018.)	IK
186.	Le Cunff, Jérôme; Tomašić, Vesna; Gomzi, Zoran. Photocatalytic degradation of terbuthylazine: Modelling of a batch recirculating device. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 353 (2018) ; 159-170	3,261 (2018.)	KI
187.	Magdić Košiček, Katja; Horvat-Radošević, Višnja; Kvastek, Krešimir. Frequency response analysis of a nonstationary system: electrochemical transition of polyaniline. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 463-473	0,731 (2018.)	IK
188.	Matana, Antonela; Brdar, Dubravka; Torlak, Vesela; Boutin, Thibaud; Popović, Marijana; Gunjača, Ivana; Kolčić, Ivana; Boraska Perica, Vesna; Punda, Ante; Polašek, Ozren; Barbalić, Maja; Hayward, Caroline; Zemunik, Tatijana. Genome-wide meta-analysis identifies novel loci associated with parathyroid hormone level. // <i>Molecular medicine</i> . 24 (2018) ; 15-1-15-9	2,991 (2018.)	IK
189.	Matana, Antonela; Popović, Marijana; Torlak, Vesela; Punda, Ante; Barbalić, Maja; Zemunik, Tatijana. Effects of genetic variants on serum parathyroid hormone in hyperparathyroidism and end-stage renal disease patients. // <i>Medicine</i> . 97 (2018) , 21; e10834-1-e10834-7	1,870 (2018.)	IK
190.	Medvidović-Kosanović, Martina; Stanković, Anamarija; Jozanović, Marija; Drulak, Mateja; Ilić, Marina. Electrochemical and UV/VIS study of L-histidine and its complexes with cobalt and nickel. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 421-426	0,731 (2018.)	IK
191.	Milardović, Stjepan; Ivanišević, Irena; Rogina, Anamarija; Kassal, Petar. Synthesis and electrochemical characterization of AgNP ink suitable for inkjet printing. // <i>International journal of electrochemical science</i> . 13 (2018) , 11; 11136-11149	1,284 (2018.)	IK

192.	Milovac, Dajana; Weigand, Ivna; Kovačić, Marin; Ivanković, Marica; Ivanković, Hrvoje. Highly porous hydroxyapatite derived from cuttlefish bone as TiO ₂ catalyst support. // <i>Processing and applications of ceramics</i> . 12 (2018) , 2; 136-142	0,976 (2018.)	KIP , IK
193.	Mohler, Ivan; Ujević Andrijić, Željka; Bolf, Nenad. Soft sensors model optimization and application for the refinery real-time prediction of toluene content. // <i>Chemical engineering communications</i> . 205 (2018) , 3; 411-421	1,431 (2018.)	KI
194.	Mutavdžić Pavlović, Dragana; Glavač, Antonija; Gluhak, Mihaela; Runje, Mislav. Sorption of albendazole in sediments and soils: isotherms and kinetics. // <i>Chemosphere</i> . 193 (2018) ; 635-644	5,108 (2018.)	KIP
195.	Pehnec, Gordana; Jakovljević, Ivana. Carcinogenic potency of airborne polycyclic aromatic hydrocarbons in relation to the particle fraction size. // <i>International journal of environmental research and public health</i> . 15 (2018) , 11; 2485-1-2485-25	2,468 (2018.)	IK
196.	Perin, Nataša; Alić, Jasna; Liekens, Sandra; Van Aerschot, Arthur; Vervaeke, Peter; Gadakh, Bharat; Hranjec, Marijana. Different positions of amide side chains on the benzimidazo[1, 2-a]quinoline skeleton strongly influenced biological activity. // <i>New journal of chemistry</i> . 42 (2018) ; 7096-7104	3,069 (2018.)	IK
197.	Perin, Nataša; Roškarić, Petra; Sović, Irena; Boček, Ida; Starčević, Kristina; Hranjec, Marijana; Vianello, Robert. Amino-substituted benzamide derivatives as promising antioxidant agents: a combined experimental and computational study. // <i>Chemical research in toxicology</i> . 31 (2018) , 9; 974-984	3,274 (2018.)	IK
198.	Petković, Orjen; Guibal, Pierre; Sassiati, Patrick; Vial, Jérôme; Thiébaud, Didier. Active modulation in neat carbon dioxide packed column comprehensive two-dimensional supercritical fluid chromatography. // <i>Journal of chromatography A</i> . 1536 (2018) ; 176-184	3,858 (2018.)	IK
199.	Politeo, Olivera; Maravić, Ana; Burčul, Franko; Carev, Ivana; Kamenjarin, Juraj. Phytochemical Composition and Antimicrobial Activity of Essential Oils of Wild Growing <i>Cistus</i> species in Croatia. // <i>Natural product communications</i> . 13 (2018) , 6; 771-774	0,554 (2018.)	IK
200.	Radan, Mila; Parčina, Antonija; Burčul, Franko. Chemical composition and antioxidant activity of essential oil obtained from bitter orange peel (<i>Citrus aurantium</i> L.) using two methods. // <i>Croatica chemica acta</i> . 91 (2018) , 1; 125-128	0,731 (2018.)	IK
201.	Ressler, Antonia; Ródenas-Rochina, Joaquin; Ivanković, Marica; Ivanković, Hrvoje; Rogina, Anamarija; Gallego Ferrer, Gloria. Injectable chitosan-hydroxyapatite hydrogels promote the osteogenic differentiation of mesenchymal stem cells. // <i>Carbohydrate polymers</i> . 197 (2018) ; 469-477	6,044 (2018.)	IK
202.	Rešček, Ana; Katančić, Zvonimir; Kratofil Krehula, Ljerka; Ščetar, Mario; Hrnjak-Murgić, Zlata; Galić, Kata. Development of double layered PE/PCL films for food packaging modified with zeolite and magnetite nanoparticles. // <i>Advances in polymer technology</i> . 37 (2018) , 3; 21727-1-21727-6	2,663 (2018.)	KI
203.	Ristić, Mira; Štajdohar, Jasenka; Mitar, Ivana; Musić, Svetozar. Monitoring of the forced hydrolysis of FeCl ₃ solutions in the presence of sodium dodecyl sulphate. // <i>Croatica chemica acta</i> . 91 (2018) , 3; 403-410	0,731 (2018.)	IK
204.	Sačar, Denis; Spajić, Ivan; Kraljić Roković, Marijana; Mandić, Zoran. New insights into chemical and electrochemical functionalization of graphene oxide electrodes by o-phenylenediamine and their potential applications. // <i>Journal of materials science</i> . 53 (2018) ; 15285-15297	3,442 (2018.)	KIP
205.	Škavić, Petar; Duraković, Zijad; Nestić, Marina. Lethal bentazone intoxication - a report of two cases. // <i>Journal of forensic sciences</i> . 63 (2018) ; 321-325	1,438 (2018.)	IK
206.	Škugor Rončević, Ivana; Vladislavić, Nives; Buzuk, Marijo. Surface modifications of the biodegradable magnesium based implants with self-assembled monolayers formed by T-BAG method. // <i>Acta chimica Slovenica</i> . 65 (2018) ; 698-708	1,076 (2018.)	IK
207.	Tišma, Marina; Jurić, Anita; Bucić-Kojić, Ana; Panjičko, Mario; Planinić, Mirela. Biovalorization of brewers' spent grain for the production of laccase and polyphenols. // <i>Journal of the institute of brewing</i> . 124 (2018) , 2; 182-186	0,994 (2018.)	KI
208.	Tišma, Marina; Planinić, Mirela; Bucić-Kojić, Ana; Panjičko, Mario; Zupančič, Drago Gregor; Zelić, Bruno. Corn silage fungal-based solid-state pretreatment for enhanced biogas production in anaerobic co-digestion with cow manure. // <i>Bioresource technology</i> . 253 (2018) ; 220-226	6,669 (2018.)	KI

Tablica 2.4.3. Popis radova doktoranada nepovezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC u razdoblju 1.1.2014. – 31.12.2018. (za tablicu 2.4.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STU DIJ
1.	Periša, Martina; Babić, Sandra. Simultaneous determination of pharmaceuticals and some of their metabolites in wastewaters by high performance liquid chromatography-tandem mass spectrometry. // <i>Journal of separation science</i> . 37 (2014.); 1289-1296	2,737 (2014.)	IK
2.	Sutlović, Davorka; Ščepanović, Antonija; Bošnjak, Marinko; Veršić-Bratinčević, Maja; Definis-Gojanović, Marija. The role of alcohol in road traffic accidents with fatal outcome : ten-year period in Croatia Split-Dalmatia County. // <i>Traffic injury prevention</i> . 15 (2014); 3; 222-227	1,413 (2014.)	IK
3.	Ferati, Flora; Kerolli-Mustafa, Mihone; Kraja-Ylli, Arjana. Assessment of heavy metal contamination in water and sediments of Trepca and Sitnica rivers, Kosovo, using pollution indicators and multivariate cluster analysis. // <i>Environmental monitoring and assessment</i> . 187 (2015); 6, Article Number: 338	1,633 (2015.)	IK
4.	Kerolli-Mustafa, Mihone; Lajqi-Makolli, V.; Berisha-Shala, S.; Latifie, L.; Malollari, I.; Morina, I. Biomass and biofuel overview. A global sustainability challenge. // <i>Journal of environmental protection and ecology</i> . 16 (2015); 1; 222-232	0,734 (2015.)	IK
5.	Lajqi-Makolli, V.; Kerolli-Mustafa, Mihone; Malollari, I.; Lajqi, J. Migration of di-(2-ethylhexyl)adipate (DEHA) and acetyl tributyl citrate (ATBC) plasticizers from PVC film into the food stimulant of isooctane. // <i>Materialwissenschaft und Werkstofftechnik</i> . 46 (2015); 1; 16-23	0,393 (2015.)	IK
6.	Selmani, Atiđa; Coha, Ivana; Magdić, Katja; Čolović, Božana; Jokanović, Vukoman; Šegota, Suzana; Gajović, Srećko; Gajović, Andreja; Jurašin, Darija; Dutour Sikirić, Maja. Multiscale study of the cationic surfactants influence on amorphous calcium phosphate precipitation. // <i>Crystal engineering communication</i> . 17 (2015); 8529-8548	3,849 (2015.)	IK
7.	Baković, Marija; Nestić, Marina; Mayer, Davor. Suicidal chemistry: combined intoxication with carbon monoxide and formic acid. // <i>International journal of legal medicine</i> . 130 (2016); 723-729	2,382 (2016.)	IK
8.	Coha, Ivana; Neufuss, Soběslav; Grahek, Željko; Mojmir, Nodilo, Marijana; John, Jan. The effect of counting conditions on pure beta emitter determination by Cherenkov counting. // <i>Journal of radioanalytical and nuclear chemistry</i> . 310 (2016); 891-903	1,282 (2016.)	IK
9.	de Souza, Igor O. P.; Schrekker, Clarissa M. L.; Lopes, William; Orru, Romano V. A.; Hranjec, Marijana; Perin, Nataša; Machado, Michel; Oliveira, Luís F; Donato, Ricardo K.; Stefani, Valter; Fuentefria, Alexandre M.; Schrekker, Henri S. Bifunctional fluorescent benzimidazo[1, 2- α]quinolines for <i>Candida</i> spp. biofilm detection and biocidal activity. // <i>Journal of photochemistry and photobiology. B, Biology</i> . 163 (2016); 319-326	2,673 (2016.)	IK
10.	Juretić Perišić, Daria; Gilja, Vanja; Novak Stankov, Mirjana; Katančić, Zvonimir; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Removal of diclofenac from water by zeolite-assisted advanced oxidation processes. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 321 (2016); 238-247	2,625 (2016.)	IK, KI
11.	Kovačić, Marin; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lončarić Božić, Ana. UV photolysis of diclofenac in water; kinetics, degradation pathway and environmental aspects. // <i>Environmental science and pollution research</i> . 23 (2016); 15; 14908-14917	2,741 (2016.)	KIP, IK
12.	Krivohlavek, Adela; Žuntar, Irena; Ivešić, Martina; Mandić Andačić, Ivana; Šikić, Sandra; Vrebčević, Mario. Sibutramine in slimming food supplements on the Croatian market determined by validated high-pressure liquid chromatography-electrospray tandem mass spectrometry method. // <i>Journal of food and nutrition research</i> . 55 (2016); 222-228	1,950 (2016.)	IK
13.	Križan Milić, Janja; Dražević, Emil; Košutić, Krešimir; Simonić, Marjana. Microfiltration of cutting-oil emulsions enhanced by electrocoagulation. // <i>Desalination and water treatment</i> . 57 (2016); 24; 10959-10968	1,631 (2016.)	IK
14.	Kurajica, Stanislav; Minga, Iva; Guliš, Martina; Mandić, Vilko; Simčić, Ivan. High surface area ceria nanoparticles via hydrothermal synthesis experiment design. // <i>Journal of nanomaterials</i> . 2016 (2016); 7274949-1-7274949-8	1,871 (2016.)	IK
15.	Magdić Košiček, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Different charge storage mechanisms at some carbon electrodes in redox active electrolyte revealed by electrochemical impedance spectroscopy. // <i>Electrochimica acta</i> . 195 (2016); 77-84	4,798 (2016.)	IK

16.	Magdić Košiček, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Hydrogen evolution on Pt and polyaniline modified Pt electrodes—a comparative electrochemical impedance spectroscopy study. // <i>Journal of solid state electrochemistry</i> . 20 (2016); 3003-3013	2,316 (2016.)	IK
17.	Perin, Nataša; Nhili, Raja; Cindrić, Maja; Bertoša, Branimir; Vušak, Darko; Martin-Kleiner, Irena; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Amino substituted benzimidazo[1, 2-a]quinolines: Antiproliferative potency, 3D QSAR study and DNA binding properties. // <i>European journal of medicinal chemistry</i> . 122 (2016); 530-545	4,519 (2016.)	IK
18.	Salaeh, Subhan; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Diclofenac removal by simulated solar assisted photocatalysis using TiO ₂ -based zeolite catalyst; mechanisms, pathways and environmental aspects. // <i>Chemical engineering journal</i> . 304 (2016); 289-302	6,216 (2016.)	IK
19.	Sutlović, Davorka; Borić, Igor; Slišković, Livia; Popović, Marijana; Knezović, Zlatka; Nikolić, Ivana; Vučinović, Ana. Bone mineral density of skeletal remains: Discordant results between chemical analysis and DXA method. // <i>Legal medicine</i> . 20 (2016); 18-22	1,276 (2016.)	IK
20.	Škugor Rončević, Ivana; Metikoš-Huković, Mirjana; Buzuk, Marijo; Vladislavić, Nives. Effective and environmentally friendly nickel coating on the magnesium alloy. // <i>Metals</i> . 6 (2016); 316; 1-16	1,984 (2016.)	IK
21.	Wedeg, Kristina; Dražević, Emil; Konya, Denes; Bentien, Anders. Organic redox species in aqueous flow batteries: redox potentials, chemical stability and solubility. // <i>Scientific reports</i> . 6 (2016); Article Number: 39101	2,316 (2016.)	IK
22.	Dražević, Emil; Košutić, Krešimir; Svalina, Marin; Catalano, Jacopo. Permeability of uncharged organic molecules in reverse osmosis desalination membranes. // <i>Water research</i> . 116 (2017); 13-22	7,051 (2016.)	IK
23.	Ghoufi, Aziz; Dražević, Emil; Szymczyk, Anthony. Interactions of organics within hydrated selective layer of reverse osmosis desalination membrane: a combined experimental and computational study. // <i>Environmental science & technology</i> . 51 (2017), 5; 2714-2719	6,653 (2017.)	IK
24.	Biošić, Martina; Mitrevski, Marija; Babić, Sandra. Environmental behaviour of sulfadiazine, sulfamethazine and their metabolites. // <i>Environmental science and pollution research</i> . 24 (2017), 10; 9802-9812	2,800 (2017.)	IK
25.	Biošić, Martina; Škorić, Irena; Beganović, Jasmina; Babić, Sandra. Nitrofurantoin hydrolytic degradation in the environment. // <i>Chemosphere</i> . 186 (2017); 660-668	4,427 (2017.)	IK
26.	Faraguna, Fabio; Kraguljac, Kornelije; Vidović, Elvira; Jukić, Ante. Crystallization and pour point of solutions of the dispersant Poly(Styrene-Co-Methacrylate) viscosity modifiers in lubricating base oil. // <i>Tribology transactions</i> . 60 (2017), 6; 1063-1069	1,723 (2017.)	IK
27.	Faraguna, Fabio; Pötschke, Petra; Piontecka, Jürgen. Preparation of polystyrene nanocomposites with functionalized carbon nanotubes by melt and solution mixing: Investigation of dispersion, melt rheology, electrical and thermal properties. // <i>Polymer</i> . 132 (2017); 325-341	3,483 (2017.)	IK
28.	Faraguna, Fabio; Racar, Marko; Glasovac, Zoran; Jukić, Ante. Correlation method for conversion determination of biodiesel obtained from different alcohols by ¹ H NMR spectroscopy. // <i>Energy & fuels</i> . 31 (2017), 4; 3943-3948	3,024 (2017.)	IK
29.	Horvat-Radošević, Višnja; Kvastek, Krešimir; Magdić Košiček, Katja. Application of Stoynov's 4-D analysis for nonstationary impedance spectra corrections of thin poly(o-ethoxyaniline) modified Pt electrode. // <i>Bulgarian chemical communications</i> . 49 (2017), C; 119-127	0,242 (2017.)	IK
30.	Ivešić, Martina; Krivohlavek, Adela; Žuntar, Irena; Tolić, Sonja; Šikić, Sandra; Musić, Valerija; Pavlić, Ivan; Bursik, Andrea; Galić, Nives. Monitoring of selected pharmaceuticals in surface waters of Croatia. // <i>Environmental science and pollution research</i> . 24 (2017), 29; 23389-23400	2,800 (2017.)	IK
31.	Jozanović, Marija; Hajduković, Mateja; Galović, Olivera; Kralik, Gordana; Kralik, Zlata; Sakač, Nikola; Medvidović-Kosanović, Martina; Sak-Bosnar, Milan. Determination of anti-oxidative histidine dipeptides in poultry by microchip capillary electrophoresis with contactless conductivity detection. // <i>Food chemistry</i> . 221 (2017); 1658-1665	4,946 (2017.)	KIP, IK

32.	Jukić, Ante; Faraguna, Fabio; Franjić, Ivana; Kuzmić, Sunčica. Molecular interaction and viscometric behavior of mixtures of polyolefin and poly(styrene-co-dodecyl methacrylate-co-octadecyl methacrylate) rheology modifiers in solution of lubricating base oil. // <i>Journal of industrial and engineering chemistry</i> . 56 (2017) ; 270-276	4,841 (2017.)	IK
33.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Mathematical modelling of polyphenol extraction by aqueous two-phase system in continuously operated macro- and micro-extractors. // <i>Separation science and technology</i> . 52 (2017) , 5; 864-875	1,200 (2017.)	KI
34.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Catechol removal from aqueous media using laccase immobilized in different macro- and microreactor systems. // <i>Applied biochemistry and biotechnology</i> . 182 (2017) , 4; 1575-1590	1,797 (2017.)	KI
35.	Karnaš, Maja; Sakač, Nikola; Jozanović, Marija; Tsakiri, Maria; Kopriva, Martina, Kovač-Andrić, Elvira; Sak-Bosnar, Milan. The influence of plasticisers on response characteristics of anionic surfactant potentiometric sensor. // <i>International journal of electrochemical science</i> . 12 (2017) ; 5921-5933	1,369 (2017.)	IK
36.	Kassal, Petar; Zubak, Marko; Scheipl, Gregor; Mohr, Gerhard J.; Steinberg, Matthew; Murković Steinberg, Ivana. Smart bandage with wireless connectivity for optical monitoring of pH. // <i>Sensors and actuators. B, Chemical</i> . 246 (2017) ; 455-460	5,667 (2017.)	IK
37.	Kerolli-Mustafa, Mihone; Ćurković, Lidija; Ujević Bošnjak, Magdalena; Rezić, Tonči. Environmental Hazard Assessment of Jarosite Waste Using Batch Leaching Tests. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 403-415	1,383 (2017.)	IK
38.	Klarić, Miljenko; Pervan, Stjepan; Biošić, Martina. Influence of lyophilisation and oven-drying on extraction yield of oregonin from European black alder (<i>Alnus glutinosa</i> (L.) Gaertn.) Bark. // <i>Drvna industrija : znanstveno-stručni časopis za pitanja drvne tehnologije</i> . 68 (2017) , 3; 205-210	0,616 (2017.)	IK
39.	Kučić, Dajana; Kopčić, Nina; Briški, Felicita. Biodegradation of agro-industrial waste. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 369-374	1,383 (2017.)	KI
40.	Kučić, Dajana; Simonić, Marjana; Furač, Lidija. Batch adsorption of Cr (VI) ions from an aqueous solution on zeolite and agroindustrial waste: Equilibrium, kinetics and thermodynamic study. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 497-507	1,383 (2017.)	KI
41.	Meščić, Andrijana; Šalić, Anita; Gregorić, Tomislav; Zelić, Bruno; Raić-Malić, Silvana. Continuous flow-ultrasonic synergy in click reactions for the synthesis of novel 1,2,3-triazolyl appended 4,5-unsaturated L-ascorbic acid derivatives. // <i>RSC Advances</i> . 7 (2017) , 2; 791-800	2,936 (2017.)	IK, KI
42.	Pandurić, Nikola; Šalić, Anita; Zelić, Bruno. Fully integrated biotransformation of fumaric acid by permeabilized baker's yeast cells with in situ separation of L-malic acid using ultrafiltration, acidification and electro dialysis. // <i>Biochemical engineering journal</i> . 125 (2017) ; 221-229	3,226 (2017.)	KI
43.	Perin, Nataša; Bobanović, Kristina; Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Koštrun, Sanja; Gabelica Marković, Vesna; Brajša, Karmen; Hranjec, Marijana. Antiproliferative activity of amino substituted benzo[b]thieno[2,3-b]pyrido[1,2-a]benzimidazoles explored by 2D and 3D cell culture system. // <i>European journal of medicinal chemistry</i> . 125 (2017) ; 722-735	4,816 (2017.)	IK
44.	Perin, Nataša; Starčević, Kristina; Perić, Mihaela; Ćipčić Paljetak, Hana; Matijašić, Mario; Stepanić, Višnja; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Synthesis and SAR study of novel amidino 2-substituted benzimidazoles as potential antibacterial agents. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 145-154	0,705 (2017.)	IK
45.	Pustaj, Gordana; Kapor, Frankica; Jakovljević, Suzana. Carbon dioxide corrosion of carbon steel and corrosion inhibition by natural olive leaf extract. // <i>Materialwissenschaft und Werkstofftechnik</i> . 48 (2017) , 2; 122-138	0,625 (2017.)	IK
46.	Racané, Livio; Cindrić, Maja; Perin, Nataša; Roškarić, Petra; Starčević, Kristina; Mašek, Tomislav; Maurić, Maja; Dogan, Jasna; Karminski-Zamola, Grace. Synthesis and antioxidative potency of novel amidino substituted benzimidazole and benzothiazole derivatives. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 187-195	0,705 (2017.)	IK
47.	Rogina, Anamarija; Antunović, Maja; Pribolšan, Lidija; Caput Mihalić, Katarina; Vukasović, Andreja; Ivković, Alan; Marijanović, Inga; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Human mesenchymal stem cells differentiation regulated by hydroxyapatite content within chitosan-based scaffolds under perfusion conditions. // <i>Polymers</i> . 9 (2017) , 9; 387-1-387-14	2,935 (2017.)	IK

48.	Rogina, Anamarija; Ressler, Antonia; Matić, Igor; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Cellular hydrogels based on pH-responsive chitosan-hydroxyapatite system. // <i>Carbohydrate polymers</i> . 166 (2017) ; 173-182	5,158 (2017.)	IK
49.	Sačar, Denis; Kralj, Magdalena; Sopčić, Suzana; Košević, Milica; Dekanski, Aleksandar; Kraljić Roković, Marijana. Supercapacitors based on graphene/pseudocapacitive materials. // <i>Journal of the Serbian chemical society</i> . 82 (2017) , 4; 411-416	0,797 (2017.)	KIP, IK
50.	Sakač, Nikola; Jozanović, Marija; Karnaš, Maja; Sak-Bosnar, Milan. A new sensor for determination of anionic surfactants in detergent products with carbon nanotubes as solid contact. // <i>Journal of surfactants and detergents</i> . 20 (2017) , 4; 881-889	1,454 (2017.)	IK
51.	Sakač, Nikola; Karnaš, Maja; Jozanović, Marija; Medvidović-Kosanović, Martina; Martinez, Sanja; Macan, Jelena; Sak-Bosnar, Milan. Determination of anionic surfactants in real samples using a high sensitive solid contact surfactant sensor with MWCNT as ion-to-electron transducer. // <i>Analytical methods</i> . 9 (2017) ; 2305-2314	2,073 (2017.)	IK
52.	Samardžić, Mirela; Galović, Olivera; Hajduković, Mateja; Sak-Bosnar, Milan. A novel, fast responding, low noise potentiometric sensor containing a carbon-based polymeric membrane for measuring surfactants in industrial and environmental applications. // <i>Talanta</i> . 162 (2017) ; 316-323	4,244 (2017.)	KIP, IK
53.	Skoko, Božena; Marović, Gordana; Babić, Dinko; Šoštarčić, Marko; Jukić, Mirela. Plant uptake of ²³⁸ U, ²³⁵ U, ²³² Th, ²²⁶ Ra, ²¹⁰ Pb and ⁴⁰ K from a coal ash and slag disposal site and control soil under field conditions: A preliminary study. // <i>Journal of environmental radioactivity</i> . 172 (2017) ; 113-121	2,263 (2017.)	IK
54.	Stipković Babić, Maja; Ratković, Ana; Jukić, Marijana; Glavaš-Obrovac, Ljubica; Drenjančević, Domagoj; Raić-Malić, Silvana; Gazivoda Kraljević, Tatjana. Synthesis, cytostatic and antibacterial evaluations of novel 1,2,3-Triazolyl-tagged pyrimidine and Furo[2,3-d]pyrimidine derivatives. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 197-205	0,705 (2017.)	IK
55.	Šagud, Ivana; Levačić, Marko; Marinić, Željko; Škorić, Irena. Formation of polycyclic skeleton via photochemical transformations of new pyridyl- and thienylbutadiene derivatives. // <i>European journal of organic chemistry</i> . 2017 (2017) , 26; 3787-3794	2,882 (2017.)	IK
56.	Veršić Bratinčević, Maja; Visković, Tanja; Sutlović, Davorka. Comparison of the solid phase and liquid-liquid extraction methods for methadone determination in human serum and whole blood samples using gas chromatography/mass spectrometry. // <i>Arhiv za higijenu rada i toksikologiju</i> . 68 (2017) , 4; 308-314	1,317 (2017.)	IK
57.	Vidović, Elvira; Fabio, Faraguna; Jukić, Ante. Influence of inorganic fillers on PLA crystallinity and thermal properties. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017) , 1; 371-380	2,209 (2017.)	IK
58.	Vladislavić, Nives; Buzuk, Marijo; Buljac, Maša; Kožuh, Stjepan; Bralić, Marija; Brinić, Slobodan. Sensitive electrochemical determination of folic acid using ex-situ prepared bismuth film electrodes. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 231-239	0,705 (2017.)	IK
59.	Vušak, Darko; Perin, Nataša; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana; Bertoša, Branimir. Synthesis and antiproliferative activity of amino substituted benzimidazo[1,2-a]quinolines as mesylate salts designed by 3D-QSAR analysis. // <i>Molecular diversity</i> . 21 (2017) , 3; 621-636	2,229 (2017.)	IK
60.	Babić, Sandra; Biošić, Martina; Škorić, Irena. Transformation products of pharmaceuticals in the environment: formation and analysis. // <i>Current organic chemistry</i> . 22 (2018) , 10; 987-1004	2,029 (2018.)	IK
61.	Babić, Sandra; Mutavdžić Pavlović, Dragana; Biošić, Martina; Ašperger, Danijela; Škorić, Irena; Runje, Mislav. Fate of febantel in the aquatic environment - the role of abiotic elimination processes. // <i>Environmental science and pollution research</i> . 25 (2018) ; 28917-28927	2,914 (2018.)	KIP , IK
62.	Burčul, Franko; Generalić Mekinić, Ivana; Radan, Mila; Rollin, Patrick; Blažević, Ivica. Isothiocyanates: cholinesterase inhibiting, antioxidant, and anti-inflammatory activity. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 33 (2018) , 1; 577-582	4,027 (2018.)	IK
63.	Delač Marion, Ida; Čapeta, Davor; Pielić, Borna; Faraguna, Fabio; Gallardo, Aurelio; Pou, Pablo; Biel, Blanca; Vujičić, Nataša; Kralj, Marko. Atomic-scale defects and electronic properties of a transferred synthesized MoS ₂ monolayer. // <i>Nanotechnology</i> . 29 (2018) , 30; 305703-1-305703-12	3,399 (2018.)	IK

64.	Dražević, Emil; Søndergaard Andersen, Anders; Wedege, Kristina; Lahn Henriksen, Martin; Hinge, Mogens; Bentien, Anders. Investigation of low-cost oligoanthraquinones for alkaline, aqueous rechargeable batteries with cell potential up to 1.13 V. // <i>Journal of power sources</i> . 381 (2018) ; 94-100	7,467 (2018.)	IK
65.	Ivanišević, Irena; Rukavina, Vanja; Kassal, Petar; Milardović, Stjepan. Impact of weak organic acids on precipitation of poly(acrylic acid) stabilized silver nanoparticles; an electrochemical approach. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 491-499	0,731 (2018.)	IK
66.	Kassal, Petar; Horak, Ema; Sigurnjak, Marija; Steinberg, Matthew D.; Steinberg, Ivana. Wireless and mobile optical chemical sensors and biosensors. // <i>Reviews in analytical chemistry</i> . 37 (2018) , 4; 20170024-1-20170024-27	2,875 (2018.)	IK
67.	Kassal, Petar; Steinberg, Matthew D.; Horak, Ema; Murković Steinberg, Ivana. Wireless fluorimeter for mobile and low cost chemical sensing: a paper based chloride assay. // <i>Sensors and actuators. B, Chemical</i> . 275 (2018) ; 230-236	6,393 (2018.)	IK
68.	Kassal, Petar; Steinberg, Matthew D.; Steinberg, Ivana Murković. Wireless chemical sensors and biosensors: a review. // <i>Sensors and actuators. B, Chemical</i> . 266 (2018) ; 228-245	6,393 (2018.)	IK
69.	Khataee, Amirreza; Dražević, Emil; Catalano, Jacopo; Bentien, Anders. Performance optimization of differential pH quinone-bromide redox flow battery. // <i>Journal of the electrochemical society</i> . 165 (2018) , 6; A3918-A3924	3,120 (2018.)	IK
70.	Margeta, Dunja; Faraguna, Fabio; Sertić-Bionda, Katica; Jukić, Ante. Modeling of dibenzothiophene oxidative desulfurization using response surface methodology. // <i>Petroleum science and technology</i> . 36 (2018) , 1; 68-74	1,070 (2018.)	KI, IK
71.	Mašek, Tomislav; Perin, Nataša; Racané, Livio; Cindrić, Maja; Čipčić Paljetak, Hana; Perić, Mihaela; Matijašić, Mario; Verbanac, Donatella; Radić, Božo; Šuran, Jelena; Starčević, Kristina. Chemical composition, antioxidant and antibacterial activity of different extracts of poplar type propolis. // <i>Croatica chemica acta</i> . 91 (2018) , 1; 81-88	0,731 (2018.)	IK
72.	Sudar, Martina; Dejanović, Igor; Müller, Michael, Vasić-Rački, Đurđa; Findrik Blažević, Zvezdana. Application of chemical engineering methodology in process development: a case study of MenD-catalyzed synthesis of 6-cyano-4-oxohexanoic acid. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018) , 4; 501-510	0,859 (2018.)	KI
73.	Sudar, Martina; Vasić-Rački, Đurđa; Müller, Michael; Walter, Alexandra; Findrik Blažević, Zvezdana. Mathematical model of the MenD-catalyzed 1,4-addition (Stetter Reaction) of α -ketoglutaric acid to acrylonitrile. // <i>Journal of biotechnology</i> . 268 (2018) ; 71-80	3,163 (2018.)	KI
74.	Šagud, Ivana; Marinić, Željko; Škorić, Irena. Excited state reactions of β -pyridyl-o-divinylbenzenes as a pathway to versatile polycyclic compounds with the unusual entrapment of multiple isomerized dihydro-intermediates. // <i>Journal of molecular structure</i> . 1156 (2018) ; 182-192	2,120 (2018.)	IK
75.	Šagud, Ivana; Milašinović, Valentina; Molčanov, Krešimir; Marinić, Željko; Škorić, Irena. Synthesis, spectroscopic characterization and photophysical investigations of new di-(2/3)-pyridine-stilbenes; isomerism, nitrogen position influence and solvent effects. // <i>Journal of molecular structure</i> . 1171 (2018) ; 117-126	2,120 (2018.)	IK
76.	Šagud, Ivana; Šindler-Kulyk, Marija; Škorić, Irena; Kelava, Vanja; Marinić, Željko. Synthesis of naphthoxazoles by photocyclization of 4-/5-(phenylethenyl)oxazoles. // <i>European journal of organic chemistry</i> . 25 (2018) ; 3326-3335	3,029 (2018.)	IK
77.	Šagud, Ivana; Šindler-Kulyk, Marija; Vojnović-Jandrić, Dragana; Marinić, Željko. Versatile photochemical reactivity of diverse substituted 2-, 4- and 5-(o-vinylstyryl)oxazoles. // <i>European journal of organic chemistry</i> . 28 (2018) , 4; 515-524	3,029 (2018.)	IK
78.	Šagud, Ivana; Škorić, Irena. Photocatalytic oxygenation by water-soluble metalloporphyrins as a pathway to functionalized polycycles. // <i>International journal of photoenergy</i> . 2018 (2018) ; 1017957-1-1017957-8	2,026 (2018.)	IK
79.	Šagud, Ivana; Škorić, Irena; Šindler-Kulyk, Marija. Excited state transformations of heterostilbenes: pathways to polycyclic skeleta. // <i>Comptes rendus Chimie</i> . 21 (2018) ; 1043-1052	2,366 (2018.)	IK
80.	Šagud, Ivana; Zanolla, Debora; Perissutti, Beatrice; Passerini, Nadia; Škorić, Irena. Identification of degradation products of praziquantel during the mechanochemical activation. // <i>Journal of pharmaceutical and biomedical analysis</i> . 159 (2018) ; 291-295	2,983 (2018.)	IK
81.	Šalić, Anita; Jurinjak Tušek, Ana; Sander, Aleksandra; Zelić, Bruno. Lipase catalysed biodiesel synthesis with integrated glycerol separation in continuously operated microchips connected in series. // <i>New biotechnology</i> . 47 (2018) ; 80-88	3,739 (2018.)	KI
82.	Šalić, Anita; Zelić, Bruno. Synergy of microtechnology and biotechnology: microreactors as an effective tool for biotransformation processes. // <i>Food technology and biotechnology</i> . 56 (2018) , 4; 464-479	1,517 (2018.)	KI

83.	Tomić, Tatjana; Babić, Sandra; Biošić, Martina; Uzorinac Nasipak, Nada; Čižmek, Ana-Marija. Determination of the Solvent Blue 35 dye in diesel fuel by solid phase extraction and high-performance liquid chromatography with ultraviolet detection. // <i>Dyes and pigments</i> . 150 (2018) ; 216-222	4,018 (2018.)	IK
84.	Vladislavić, Nives; Buzuk, Marijo; Škugor Rončević, Ivana; Brinić, Slobodan. Electroanalytical methods for sunset yellow determination - a review. // <i>International journal of electrochemical science</i> . 13 (2018) ; 7008-7019	1,284 (2018.)	IK
85.	Vladislavić, Nives; Škugor Rončević, Ivana; Buljac, Maša; Brinić, Slobodan; Krivić, Denis; Buzuk, Marijo. Electroanalytical determination of cysteine using the electrodes based on ternary silver-copper sulphides. // <i>Sensors</i> . 18 (2018) , 11; 3753-1-3753-17	3,031 (2018.)	IK
86.	Wedge, Kristina; Bae, Dowon; Dražević, Emil; Mendes, Adélio; Vesborg; Peter C. K.; Bentien, Anders. Unbiased, complete solar charging of a neutralflowbattery by a single Si photocathode. // <i>RSC Advances</i> . 8 (2018) ; 6331-6340	3,049 (2018.)	IK

Tablica 2.4.4. Popis radova doktoranada povezanih s disertacijom (prije i nakon obrane, u bazi podataka SCOPUS, bez onih u WoSCC u razdoblju 1.1.2014. – 31.12.2018. (za tablicu 2.4.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STU DIJ
1.	Kurajica, Stanislav; Lozić, Iva; Pantaler, Martina. Thermal decomposition of calcium(II) bis(acetylacetonate) n-hydrate. // <i>Polimeri: časopis za plastiku i gumu</i> . 35 (2014); 1-2; 4-9	--	IK
2.	Kerolli-Mustafa, Mihone; Ćadraku, Hazir; Musliu, Afete. Surface characterization of glas fibers made from jarosite waste using contact angle measurements. // <i>IFAC-PapersOnLine</i> . 49 (2016); 196-199	-	IK
3.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Solomun Kolanović, Božica; Varenina, Ivana; Božić Luburić, Đurđica; Varga, Ines. Koncentracije žive u različitim vrstama riba. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . 48 (2017), 4; 267-276	-	IK
4.	Duplančić, Marina; Tomašić, Vesna; Kurajica, Stanislav; Minga, Iva; Maduna Valkaj, Karolina. A comparative study of toluene oxidation on different metal oxides. // <i>Chemical engineering transactions</i> . 57 (2017) ; 889-894	-	KI, IK
5.	Đokić, Maja; Bilandžić, Bilandžić; Đuras, Martina; Gomerčić, Tomislav; Sedak, Marija. Biokemijske funkcije i toksičnost mangana te njegove koncentracije u tkivima morskih sisavaca. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . 48 (2017) , 6; 439-449	-	IK
6.	Duplančić, Marina; Tomašić, Vesna; Kurajica, Stanislav; Minga, Iva; Maduna Valkaj, Karolina. A comparative study of toluene oxidation on different metal oxides. // <i>Chemical engineering transactions</i> . 57 (2017) ; 889-894	-	KI, IK

Tablica 2.4.5. Popis radova doktoranada nepovezanih s disertacijom (prije i nakon obrane, u bazi podataka SCOPUS, bez onih u WoSCC u razdoblju 1.1.2014. – 31.12.2018. (za tablicu 2.4.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection</i> (WoSCC)	IF	STU DIJ
1.	Clausen, Casper; Dražević, Emil; Søndergaard Andersen, Anders; Lahn Henriksen, Martin; Hinge, Mogens; Bentien, Anders. Anthraquinone oligomers as anode-active material in rechargeable nickel/oligomer batteries with aqueous electrolyte. // <i>ACS Applied energy materials</i> . 1 (2018) ; 243-248	-	IK
2.	Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Bilandžić, Nina. Arsen i arsenove specije u hrani - naglasak na anorganski arsen. // <i>Veterinarska stanica</i> . 49 (2018) , 5; 343-353	-	IK
3.	Šešelj, Nedjeljko; Sačer, Denis; Kraljić Roković, Marijana. Karakterizacija pseudokapacitivnih svojstava kemijski priređenog MnO ₂ te kompozita MnO ₂ /polipirol. // <i>Kemija u industriji</i> . 65 (2016) , 3/4; 127-136	-	KIP

Tablica 2.6. Mrežne stranice

Naziv studijskog programa	Broj predmeta za koje postoje posebne mrežne stranice	Za predmete za koje postoji posebna mrežna stranica, ona uključuje sljedeće elemente (navesti u svakoj koloni broj mrežnih stranica koje uključuju taj element)					
		Ciljevi i sadržaj predmeta i popis literature	Objavljivanje termina pismenih i usmenih ispita i termina konzultacija	Objavljivanje rezultata kolokvija i pismenih ispita za studente	Zadaci iz prethodnih ispitnih rokova	Pomoćni nastavni materijal (tekst predavanja, PowerPoint prezentacija, crteži, slike, videozapisi, itd.)	Mogućnost interaktivne komunikacije nastavnika i studenata
Preddiplomski studiji							
Kemijsko inženjerstvo	60	54	60	60	3	44	60
Kemija i inženjerstvo materijala	43	42	43	43	2	42	43
Ekoinženjerstvo	53	47	53	53	3	43	53
Primijenjena kemija	54	52	54	54	3	52	54
Diplomski studiji							
Kemijsko inženjerstvo	257	216	257	257	13	186	257
Kemija i inženjerstvo materijala	72	59	72	72	4	52	72
Ekoinženjerstvo	88	73	88	88	5	69	88
Primijenjena kemija	223	198	223	223	11	167	223

Tablica 2.7. Programi cjeloživotnog obrazovanja (do 60 ECTS bodova)

Programi cjeloživotnog obrazovanja	Trajanje	Akreditiran (da/ne) i od koje institucije	ECTS (ako se dodjeljuju)
Jednokratni programi (kongresi, ljetne škole)			
-	-	-	-
Redoviti programi			
Škola ionske kromatografije	svake godine jednodnevni skup		
Susret mladih kemijskih inženjera (SMLKI)	svake dvije godine znanstveni i stručni dvodnevni skup	Sveučilište u Zagrebu	2
International Symposium on Environmental Management (SEM)	svake četiri godine znanstveni višednevni skup		
Implementation of Microreactor Technology in Biotechnology	svake dvije godine naizmjenice s <i>Faculty of Chemistry and Chemical Technology, University of Ljubljana</i> četverodnevni skup		
Znanstveni kolokviji AMACIZ	kontinuirano tijekom cijele akad. god. (5 – 15 godišnje) jednosatna predavanja		
Sajam ideja	svake godine u listopadu (od 2013.) jednodnevni skup		
Applied Biocatalysis	svake godine, naizmjenice u Zagrebu i Mariboru znanstveni susret studenata i profesora Fakulteta i FCCT UM jednodnevni skup		
Radionica o intelektualnom vlasništvu	svake godine u veljači jednodnevna radionica		
Skup za nastavnike srednjih strukovnih škola iz obrazovnog podsektora kemijska tehnologija	održan 2009. i 2014. u suradnji s Agencijom za strukovno obrazovanje jednodnevni skup		
Povremeni programi			
Seminari iz područja proračuna i projektiranja cjevovoda	povremeni jednodnevni		
Seminari i radionice na temu korozije i zaštite materijala	povremeni jednodnevni		
Seminari i radionice iz područja mjerenja i vođenja	povremeni jednodnevni		

Tablica 3.1.a. Struktura studenata (preddiplomski i diplomski studiji)

Studijski program	Redoviti studenti							
	2010./2011.	2011./2012.	2012./2013.	2013./2014.	2014./2015.	2015./2016.	2016./2017.	2017./2018.
Preddiplomski i studij Kemijsko inženjerstvo	172	187	217	219	252	254	244	234
Preddiplomski i studij Kemija i inženjerstvo materijala	92	122	134	155	184	212	201	203
Preddiplomski i studij Ekoinženjerstvo	191	205	223	233	231	198	184	159
Preddiplomski i studij Primijenjena kemija	137	156	168	185	195	178	183	190
Diplomski studij Kemijsko inženjerstvo (tri modula)	52	45	54	71	71	77	74	74
Modul Kemijsko-procesno inženjerstvo	9	12	21	39	46	43	33	27
Kemijsko inženjerstvo u zaštiti okoliša	23	15	16	16	12	7	0	0
Kemijske tehnologije i proizvodi	20	18	17	16	13	27	41	47
Diplomski studij Kemija i inženjerstvo materijala	24	33	38	36	27	34	44	48
Diplomski studij Ekoinženjerstvo	49	38	33	36	30	53	78	63
Diplomski studij Primijenjena kemija (tri modula)	50	41	45	54	50	64	74	80
Modul Kemija okoliša	15	11	8	8	9	11	6	10
Modul Specifični materijali i napredne tehnologije	19	14	16	24	20	29	32	28
Modul Primijenjena organska kemija	16	16	21	22	21	24	74	42
Ukupno	767	827	912	989	1040	1070	1082	1051

Tablica 3.1.b. Struktura studenata (poslijediplomski doktorski studiji)**Doktorski studij Kemijsko inženjerstvo i primijenjena kemija (osnovan 2014./2015.)**

2014./2015.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	2	5	0	0	0	0	0	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	3	2	0	0	0	0	0	0	0	0
Samofinanciranje	3	1	0	0	0	0	0	0	0	0
UKUPNO:	8	8	0	0	0	0	0	0	0	0

2015./2016.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	5	7	2	5	0	0	0	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	1	0	4	2	0	0	0	0	0	0
Samofinanciranje	1	3	4	3	0	0	0	0	0	0
UKUPNO:	7	10	10	10	0	0	0	0	0	0

2016./2017.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	2	6	5	7	2	5	0	0	0	1
Stipendija	0	0	0	0	0	1	0	0	0	0
Troškove snosi pravna osoba	0	2	1	0	4	2	0	0	0	0
Samofinanciranje	2	0	1	3	4	3	0	0	0	0
UKUPNO:	4	8	7	10	10	11	0	0	0	1

2017./2018.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	2	7	2	6	5	7	2	4	1	1
Stipendija	0	0	0	0	0	0	0	1	0	0
Troškove snosi pravna osoba	3	4	0	2	1	0	4	2	0	0
Samofinanciranje	0	1	2	0	1	3	4	3	0	0
UKUPNO:	5	12	4	8	7	10	10	10	1	1

Doktorski studij Inženjerska kemija (od 2014./2015. se ne upisuje)

2013./2014.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	2	0	2	1	2	4	16	3	10
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	1	2	0	1	3	4	9	21	0	1
Samofinanciranje	0	0	0	1	0	2	4	5	0	2
UKUPNO:	1	4	0	4	4	8	17	42	3	13

2014./2015.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	0	0	1	0	2	4	9	1	12
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	1	2	0	1	12	26	0	0

Samofinanciranj e	0	0	0	0	0	1	4	5	0	0
UKUPNO:	0	0	1	3	0	4	20	40	1	12
2015./2016.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	0	0	0	0	1	4	9	0	2
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	1	2	12	26	0	1
Samofinanciranj e	0	0	0	0	0	0	4	6	0	0
UKUPNO:	0	0	0	0	1	3	20	41	0	3
2016./2017.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	0	0	0	0	0	1	6	1	3
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	3	17	2	0
Samofinanciranj e	0	0	0	0	0	0	3	11	1	0
UKUPNO:	0	0	0	0	0	0	7	34	4	3
2017./2018.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	0	0	0	0	0	1	4	0	2
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	2	16	1	1
Samofinanciranj e	0	0	0	0	0	0	2	9	1	2
UKUPNO:	0	0	0	0	0	0	5	29	2	5

Doktorski studij Kemijsko inženjerstvo (od 2014./2015. se ne upisuje)

2013./2014.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	1	0	1	0	2	4	4	1	1
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	1	0	1	2	21	8	1	0
Samofinanciranj e	0	0	0	0	1	0	1	5	0	1
UKUPNO:	0	1	1	1	2	4	26	17	2	2

2014./2015.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	0	0	1	0	1	3	1	2	4
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	1	0	14	5	0	0
Samofinanciranj e	0	0	0	0	0	0	2	3	0	0
UKUPNO:	0	0	0	1	1	1	19	9	2	4
2015./2016.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž

Asistent/ Znanstveni novak	0	0	0	0	0	0	1	3	1	0	1
Stipendija	0	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	14	5	1	0
Samofinanciranje	0	0	0	0	0	0	0	1	3	1	0
UKUPNO:	0	0	0	0	0	0	1	18	9	2	1
2016./2017.											
	1. godina		2. godina		3. godina		Apsolventi		Doktorirali		
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž	
Asistent/ Znanstveni novak	0	0	0	0	0	0	0	2	0	0	
Stipendija	0	0	0	0	0	0	0	0	0	0	
Troškove snosi pravna osoba	0	0	0	0	0	0	9	4	0	0	
Samofinanciranje	0	0	0	0	0	0	4	2	0	0	
UKUPNO:	0	0	0	0	0	0	13	8	0	0	
2017./2018.											
	1. godina		2. godina		3. godina		Apsolventi		Doktorirali		
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž	
Asistent/ Znanstveni novak	0	0	0	0	0	0	0	2	0	0	
Stipendija	0	0	0	0	0	0	0	0	0	0	
Troškove snosi pravna osoba	0	0	0	0	0	0	6	4	3	0	
Samofinanciranje	0	0	0	0	0	0	4	2	0	0	
UKUPNO:	0	0	0	0	0	0	10	8	3	0	

Tablica 3.2. Studentski standard

	Površina / m ²	Broj sjedećih ili aktivnih mjesta*
Prostor za učenje	264,76	160
Studentska menza (korištenje iksice)	-	-
Drugi objekti prehrane	40	20
Mogućnosti studentskog smještaja	-	-
Sportski objekti	-	-
Prostorije za studentske udruge i kulturne aktivnosti	121,9	50
Objekti za rekreaciju	-	-

*Broj aktivnih sjedećih mjesta za učenje izvan termina održavanja predavanja i seminara; prostor raspoloživ studentima za boravak i učenje u prostorima Fakulteta

Tablica 3.3. Zapošljavanje studenata koji su završili studij

Naziv studijskog programa		Broj studenata koji su završili studij u posljednjih pet godina	Broj nezaposlenih prema statistici Zavoda za zapošljavanje na dan 30. lipnja 2019. (bez radnog iskustva)
Diplomski studij Kemijско inženjerstvo	2013./2014.	35	5
	2014./2015.	29	
	2015./2016.	37	
	2016./2017.	37	
	2017./2018.	32	
Diplomski studij Kemija i inženjerstvo materijala	2013./2014.	18	1
	2014./2015.	15	
	2015./2016.	10	
	2016./2017.	21	
	2017./2018.	22	
Diplomski studij Ekoinženjerstvo	2013./2014.	19	2
	2014./2015.	14	
	2015./2016.	10	
	2016./2017.	34	
	2017./2018.	28	
Diplomski studij Primijenjena kemija	2013./2014.	29	4
	2014./2015.	21	
	2015./2016.	25	
	2016./2017.	31	
	2017./2018.	30	

Tablica 3.3.a. Analiza nezaposlenosti prema podacima Hrvatskog zavoda za zapošljavanje na dan 31. prosinac 2018.

Razina obrazovanja Obrazovni program	2013.		listopad 2014.		prosinac 2015.		prosinac 2016.		prosinac 2017.		prosinac 2018.	
	Ukupno	Od toga bez radnog iskustva	Ukupno	Od toga bez radnog iskustva	Ukupno	Od toga bez radnog iskustva	Ukupno	Od toga bez radnog iskustva	Ukupno	Od toga bez radnog iskustva	Ukupno	Od toga bez radnog iskustva
(3.2.2) preddiplomski sveučilišni studij 180 ECTS												
(51300/52.003) Ekoinženjerstvo	1	1	3	1	1	0	3	2	1	1	0	0
(51300/52.012) Kemijsko inženjerstvo	2	0	2	1	6	4	4	4	2	1	1	0
(51300/52.010) Kemija i inženjerstvo materijala	0	0	2	1	2	1	0	0	0	0	1	0
(51300/44.012) Primijenjena kemija	0	0	0	0	0	0	0	0	1	1	0	0
(4.5.3) diplomski sveučilišni studij 120 ECTS												
(51500/44.037) Primijenjena kemija; smjer: Kemija u zaštiti okoliša i izvori energije	7	4	6	1	3	1	3	0	3	2	1	0
(51500/44.038) Primijenjena kemija; smjer: Primijenjena organska kemija	9	6	9	8	5	3	7	5	6	4	11	10
(51500/44.039) Primijenjena kemija; smjer: Specifični materijali i napredne tehnologije	1	0	11	11	6	6	8	6	7	5	0	0
(51500/52.005) Ekoinženjerstvo	19	12	24	15	13	8	13	7	23	13	13	10
(51500/52.016) Kemija i inženjerstvo materijala	5	3	13	11	7	3	7	4	9	7	10	6
(51500/52.018) Kemijsko inženjerstvo	17	15	25	20	18	13	18	13	18	14	22	13
(4.1) Fakultet, akademija												
(51001/52.020) Kemijska tehnologija	42	2	37	3	46	3	29	3	25	2	20	3
(4.6.4) poslijediplomski sveučilišni studij 180 ECTS												
(60900/44.011) Inženjerska kemija	0	0	1	0	0	0	1	0	0	0	1	0
(60900/52.023) Kemijsko inženjerstvo	0	0	1	0	1	0	1	0	0	0	0	0
Ukupni zbroj	103	43	134	72	108	42	98	45	95	50	80	42

Tablica 3.4. Vrednovanje studijskih programa

Ak. god.	Prosječna opća ocjena	
	Preddiplomski studij	Diplomski studij
2011./2012.	4,04	4,16
2012./2013.	4,13	4,21
2013./2014.	4,00	4,24
2014./2015.	4,08	4,46
2015./2016.	3,92	4,47
2016./2017.	3,90	4,23
2017./2018.	4,01	4,03

Tablica 4.b. Vanjski angažman nastavnika Fakulteta u nastavi drugih učilišta

Nastavnik	Akademski godina Kolegij	Naziv vanjskog učilišta	Broj sati
Izv. prof. dr. sc. Danijela Ašperger	2016./2017. Instrumentalna analitička kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja i 7 sati vježbi u zimskom semestru
Izv. prof. dr. sc. Tatjana Gazivoda Kraljević	2016./2017. Organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja u zimskom semestru
	2017./2018. Primijenjena organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u ljetnom semestru
Izv. prof. dr. sc. Marijana Hranjec	2016./2017. Organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja u zimskom semestru
	2017./2018. Primijenjena organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u ljetnom semestru
Prof. dr. sc. Zlata Hrnjak-Murgić	2013./2014. Ambalaža i okoliš	Grafički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati seminara u zimskom semestru
Prof. dr. sc. Hrvoje Ivanković	2013./2014. Osnove kemijskog inženjerstva	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati vježbi u ljetnom semestru
	2014./2015. Osnove kemijskog inženjerstva	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati vježbi u ljetnom semestru
	2015./2016. Osnove kemijskog inženjerstva	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati vježbi u ljetnom semestru
	2016./2017. Osnove kemijskog inženjerstva	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati vježbi u ljetnom semestru
	2017./2018. Osnove kemijskog inženjerstva	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati vježbi u ljetnom semestru
Prof. dr. sc. Stanislav Kurajica	2013./2014. Tehnologija materijala - metal i keramika	Prediplomski Studij restauracije i konzervacije Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2014./2015. Tehnologija materijala - metal i keramika	Prediplomski Studij restauracije i konzervacije Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2016./2017. Tehnologija materijala - metal i keramika	Prediplomski Studij restauracije i konzervacije Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2017./2018. Tehnologija materijala - metal i keramika	Prediplomski Studij restauracije i konzervacije Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
Doc. dr. sc. Hrvoje Kušić	2013./2014. Industrija i okoliš	Grafički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati seminara u zimskom semestru
Prof. dr. sc. Sanja Martinez	2015./2016. Eko prihvatljivi inhibitori korozije	Tehnološki i Prirodoslovno-matematički fakultet Univerziteta u Tuzli	6 sati predavanja
Izv. prof. dr. sc. Dragana Mutavdžić Pavlović	2016./2017. Instrumentalna analitička kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja i 7 sati vježbi u zimskom semestru
Doc. dr. sc. Vilko Mandić	2017./2018. Upravljanje u kriznim NBKO situacijama	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja u ljetnom semestru
	2017./2018. Toksične industrijske tvari	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja u ljetnom semestru
	2017./2018. NBK zaštita	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja i 15 sati seminara u ljetnom semestru
	2017./2018. RBK detekcija, identifikacija i monitoring	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	45 sati predavanja i 15 sati seminara u ljetnom semestru

Nastavnik	Akadska godina Kolegij	Naziv vanjskog učilišta	Broj sati
Prof. dr. sc. Silvana Raić-Malić	2016./2017. Nuklearno biološko kemijsko oružje	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	50 sati predavanja u ljetnom semestru
Doc. dr. sc. Dragana Vuk	2016./2017. Nuklearno biološko kemijsko oružje	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	50 sati predavanja u ljetnom semestru
Doc. dr. sc. Dragana Vuk	2016./2017. Organska kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	22,5 sati seminara u zimskom semestru
Izv. prof. dr. sc. Marija Vuković Domanovac	2016./2017. Nuklearno biološko kemijsko oružje	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	50 sati predavanja u ljetnom semestru

* Stanje 31. prosinca 2018.

Tablica 4.c. Rezultati studentskih anketa o kvaliteti rada nastavnika na predavanjima, vježbama i seminarima (M – aritmetička sredina, sd – standardna devijacija, N – broj procjena)

	Studij, Ak. god.	M	sd	N
Korisnost predavanja za razumijevanje zadanih sadržaja	Preddiplomski studiji 2011./2012.	3,96	0,77	89
	Preddiplomski studiji 2012./2013.	3,68	1,09	73
	Preddiplomski studiji 2013./2014.	3,97	0,79	75
	Preddiplomski studiji 2014./2015.	4,07	0,78	116
	Preddiplomski studiji 2015./2016.	3,87	0,74	99
	Preddiplomski studiji 2016./2017.	3,88	0,81	94
	Preddiplomski studiji 2017./2018.	3,90	0,80	126
Korisnost predavanja za razumijevanje zadanih sadržaja	Diplomski studiji 2011./2012.	4,13	0,77	69
	Diplomski studiji 2012./2013.	4,29	0,72	52
	Diplomski studiji 2013./2014.	4,10	0,82	97
	Diplomski studiji 2014./2015.	4,26	0,62	73
	Diplomski studiji 2015./2016.	4,17	0,79	76
	Diplomski studiji 2016./2017.	4,13	0,66	112
Praktični rad na vježbama i mogućnost praktične provjere stečenih znanja i vještina	Preddiplomski studiji 2011./2012.	3,90	0,91	90
	Preddiplomski studiji 2012./2013.	4,06	0,75	72
	Preddiplomski studiji 2013./2014.	4,11	0,77	73
	Preddiplomski studiji 2014./2015.	4,13	0,84	115
	Preddiplomski studiji 2015./2016.	3,85	0,97	100
	Preddiplomski studiji 2016./2017.	3,81	0,85	90
	Preddiplomski studiji 2017./2018.	3,90	0,86	124
Praktični rad na vježbama (seminarima) i mogućnost praktične provjere stečenih znanja i vještina	Diplomski studiji 2011./2012.	3,91	1,01	69
	Diplomski studiji 2012./2013.	4,19	0,86	52
	Diplomski studiji 2013./2014.	4,13	0,98	96
	Diplomski studiji 2014./2015.	4,01	1,03	72
	Diplomski studiji 2015./2016.	4,06	0,92	78
	Diplomski studiji 2016./2017.	3,89	0,96	112
	Diplomski studiji 2017./2018.	3,84	0,88	101

Tablica 4.e1. Ocjene anketnih pitanja u akad. god. 2011./2012. koja upućuju na kompetentnost nastavnika (M – aritmetička sredina, sd – standardna devijacija, N – broj procjena)

Anketno pitanje	Semestar	M	sd	N
Jasno definira ishode učenja i ono što očekuje od studenta.	Zimski	4,24	0,61	215
	Ljetni	4,09	0,59	119
Jasno i razumljivo izlaže nastavne sadržaje.	Zimski	4,12	0,68	215
	Ljetni	4,03	0,60	119
Metode, primjeri i zadaci olakšavaju postizanje ishoda učenja.	Zimski	4,02	0,66	215
	Ljetni	3,89	0,57	119
Motiviran je za rad i savjesno izvršava svoje obaveze.	Zimski	4,41	0,51	215
	Ljetni	4,23	0,57	119
Koji biste ocjenu dali ovom nastavniku u cjelini?	Zimski	4,24	0,61	215
	Ljetni	4,09	0,59	119

Tablica 4.e2. Ocjene anketnih pitanja* u ak. god. 2014./2015. koja upućuju na kompetentnost nastavnika (M – aritmetička sredina, sd – standardna devijacija, N – broj procjena)

Anketno pitanje	Semestar	M	sd	N
Jasno definira ishode učenja i ono što očekuje od studenta.	Zimski	4,16	1,05	465
	Ljetni	4,22	1,00	297
Jasno i razumljivo izlaže nastavne sadržaje.	Zimski	4,12	1,07	457
	Ljetni	4,17	1,06	310
Metode, primjeri i zadaci olakšavaju postizanje ishoda učenja.	Zimski	3,99	1,08	670
	Ljetni	4,08	1,08	464
Motiviran je za rad i savjesno izvršava svoje obaveze.	Zimski	4,38	0,94	365
	Ljetni	4,36	0,98	330
Koji biste ocjenu dali ovom nastavniku u cjelini?	Zimski	4,22	0,94	233
	Ljetni	4,23	0,96	274

Tablica 4.e3. Ocjene anketnih pitanja* u ak. god. 2017./2018. koja upućuju na kompetentnost nastavnika (M – aritmetička sredina, sd – standardna devijacija, N – broj procjena)

Anketno pitanje	Semestar	M	sd	N
Jasno definira ishode učenja i ono što očekuje od studenta.	Zimski	4,16	1,05	465
	Ljetni	4,22	1,00	297
Jasno i razumljivo izlaže nastavne sadržaje.	Zimski	4,12	1,07	457
	Ljetni	4,17	1,06	310
Metode, primjeri i zadaci olakšavaju postizanje ishoda učenja.	Zimski	3,99	1,08	670
	Ljetni	4,08	1,08	464
Motiviran je za rad i savjesno izvršava svoje obaveze.	Zimski	4,38	0,94	365
	Ljetni	4,36	0,98	330
Koji biste ocjenu dali ovom nastavniku u cjelini?	Zimski	4,22	0,94	233
	Ljetni	4,23	0,96	274

Rezultati iz ak. god. 2011./2012., 2014./2015. i 2017./2018. dobiveni su metodom „papira i olovke“.

Tablica 4.f. Projekti u CEEPUS programu kojima su voditelji nastavnici Fakulteta

Voditelj projekta Naslov projekta	Trajanje
Marko Rogošić <i>Raw Materials Smart Innovation Strategies in the ESEE Region</i>	1.10.2016. – 30.9.2017.
Andrej Vidak <i>Active Methods in Teaching and Learning Mathematics and Informatics</i>	1.10.2015. – 30.9.2017.
Sanja Martinez <i>Education of modern analytical and bioanalytical methods</i>	3. 4. 2014. – 30.9.2017.
Tomislav Bolanča <i>Determination of xenobiotics by using separation and hyphenated techniques for environment, food and human health purposes</i>	1. 10. 2011. – 30. 9. 2017.
Zvezdana Findrik Blažević <i>Chemistry and chemical engineering</i>	1. 10. 2011. – 30. 9. 2016.
Nenad Bolf <i>Cybernetics and modern methods of control</i>	1. 10. 2011. – 30. 9. 2017.

Tablica 4.g. Odabrane knjige i udžbenici koje su objavili nastavnici Fakulteta u posljednjih pet godina

Autor Naziv knjige / udžbenika	Izdavač, mjesto i godina izdanja, broj stranica
Ilijana Odak, Irena Škorić Organska fotokemija - principi i primjena	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2017., 127
Marica Ivanković (urednica knjige), Marija Kaštelan-Macan (urednica edicije Istaknuti profesori) Helena Jasna Mencer, Edicija istaknuti profesori, knj. 11	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2017., 112
Marija Kaštelan-Macan Franjo Hanaman, Edicija istaknuti profesori, knj. 10	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2017., 150
Stanislav Kurajica, Sanja Lučić Blagojević Uvod u nanotehnologiju	Hrvatsko društvo kemijskih inženjera i tehnologa, Zagreb, 2017., 518
Zvonimir Glasnović, Karmen Margeta Seawater Steam Engine as a prime mover for third industrial revolution	LAP LAMBERT Academic Publishing, Saarbrücken, 2017., 68
Felicita Briški Zaštita okoliša	Fakultet kemijskog inženjerstva i tehnologije Sveučilišta u Zagrebu i Element d.o.o., Zagreb, 2016., 298
Marija Kaštelan-Macan (urednica) Štefica Cerjan-Stefanović, Edicija istaknuti profesori, knj. 9	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2015., 87
Tomislav Bolanča, Šime Ukić Ionska kromatografija	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2015., 164
Zlata Hrnjak-Murgić, Ana Rešček, Anita Ptiček Siročić, Ljerka Kratofil Krehula, Zvonimir Katančić Nanoparticles in Active Polymer Food Packaging (monografija)	Smithers Pira, Surrey, 2015., 260
Marija Kaštelan-Macan Enciklopedijski rječnik analitičkoga nazivlja	Fakultet kemijskog inženjerstva i tehnologije i Mentora d.o.o., Zagreb, 2014., 254
Ante Jukić (urednik knjige), Marija Kaštelan-Macan (urednica edicije Istaknuti profesori) Zvonimir Janović, Edicija istaknuti profesori, knj. 8	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2013., 107
Marija Kaštelan-Macan, Mira Petrović (urednici) Analitika okoliša	HINUS i Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2013. 435
Marija Kaštelan-Macan Srećko Turina, učitelj i prijatelj (monografija)	HDKI/Kemija u industriji, Zagreb, 2013., 37
Mladen Mintas, Silvana Raić-Malić Medicinska kemija protutumorskih lijekova	Medicinska naklada, Zagreb, 2013., 227
Rajka Budin, Alka Mihelić Bogdanić Izvori i gospodarenje energijom u industriji	Element, Zagreb, 2013., 232

Tablica 4.1. Struktura osoblja*

Osoblje	Zaposleni u punom radnom odnosu		Zaposleni u kumulativnom radnom odnosu		Vanjska suradnja nastavnika u punom radnom odnosu	Vanjski suradnici	
	Broj	Prosječna starost	Broj	Prosječna starost	Broj	Broj	Prosječna starost
Redoviti profesori	35	50					
Izvanredni profesori	14	49				1	47
Docenti	12	37				1	33
Nastavna zvanja	5	46					
Asistenti	43	28					
Stručni suradnici	5	38					
Znanstveni novaci	13	34					
Tehničko osoblje	16	42					
Administrativno osoblje	23	50					
Pomoćno osoblje	21	50					
Ukupno	187	42,4				2	40

* Stanje 31. prosinca 2018.

Tablica 4.2. Opterećenje nastavnika i vanjskih suradnika za ak. god. 2017./2018.

Naziv studijskog programa	Predavanja		Seminari i auditorne vježbe		Drugi oblici nastave/laboratorijske vježbe	
	Nastavnici visokog učilišta	Vanjski suradnici	Nastavnici visokog učilišta	Vanjski suradnici	Nastavnici visokog učilišta	Vanjski suradnici
KI-preddipl.	3060	-	1912,5	-	4005	-
KIM-preddipl.	2142	-	1215	-	3807	-
EI-preddipl.	2258	112	1561,5	58,5	2940	240
PK-preddipl.	2340	-	1215	-	3330	-
KI-dipl.	1410	90	225	90	1380	-
KIM-dipl.	1740	60	247,5	45	990	-
EI-dipl.	938	52	355,5	117	1470	-
PK-dipl.	1680	-	427,5	-	1440	-
Doktorski KI i IK	2220	-	120	-	-	-
Ukupno	17788	314	7279,5	310,5	19362	240

Tablica 4.3. Popis nastavnika

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2017./2018.)	Opterećenje na vanjskim institucijama u norma satima
BABIĆ, SANDRA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 10. 2018.	100	335,0	
BOLANČA, TOMISLAV	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	28. 9. 2018.	100	425,0	
FILIPAN, VELJKO	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet strojarstva i brodogradnje	strojarstvo	11. 10. 2016.	100	724,5	
GOVORČIN-BAJSIĆ, EMI	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	15. 5. 2018.	100	524,0	
GUSIĆ, IVICA	Redoviti profesor – trajno zvanje	dr. sc.	Prirodoslovno–matematički fakultet	matematika	12. 7. 2012.	100	570,0	
HRNJAK–MURGIĆ, ZLATA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	19. 4. 2016.	100	357,0	
IVANKOVIĆ, HRVOJE	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo temeljne tehničke znanosti	12. 4. 2011.	100	405,0	45,0 Prirodoslovno–matematički fakultet u Zagrebu
IVANKOVIĆ, MARICA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo temeljne tehničke znanosti	21. 12. 2010.	100	363,0	
JUKIĆ, ANTE	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 9. 2018.	100	344,0	
KOŠUTIĆ, KREŠIMIR	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	11. 10. 2016.	100	517,5	
KURAJICA, STANISLAV	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo temeljne tehničke znanosti	12. 2. 2013.	100	486,0	30,0 Sveučilište u Dubrovniku
LESKOVAC, MIRELA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	12. 12. 2017.	100	440,0	
LUČIĆ BLAGOJEVIĆ, SANJA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	27. 2. 2018.	100	570,0	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2017./2018.)	Opterećenje na vanjskim institucijama u norma satima
MARTINEZ, SANJA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo temeljne tehničke znanosti	12. 12. 2017.	100	373,0	
RAIĆ–MALIĆ, SILVANA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	11. 4. 2017.	100	375,0	
ROGOŠIĆ, MARKO	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	19. 5. 2016.	100	541,5	
SANDER, ALEKSANDRA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2018.	100	327,5	
TOMAŠIĆ, VESNA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	11. 10. 2016.	100	412,5	
VOLOVŠEK, VESNA	Redoviti profesor – trajno zvanje	dr. sc.	Prirodoslovno–matematički fakultet	fizika	11. 10. 2016.	100	360,0	
ZELIĆ, BRUNO	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 6. 2017.	100	358,5	
BOLF, NENAD	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 4. 2017.	100	412,5	
FINDRIK BLAŽEVIĆ, ZVJEZDANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2018.	100	485,0	
HRANJEC, MARIJANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	27. 2. 2018.	100	383,0	30,0 Sveučilište u Zagrebu
LONČARIĆ–BOŽIĆ, ANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 12. 2016.	100	384,0	
MACAN, JELENA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	17. 10. 2017.	100	375,0	
MANDIĆ, ZORAN	Redoviti profesor – prvi izbor	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	13. 12. 2016.	100	357,5	
MATIJAŠIĆ, GORDANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 2. 2017.	100	421,0	
MUTAVDŽIĆ PAVLOVIĆ, DRAGANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	12. 6. 2018.	100	310,0	
PRLIĆ KARDUM, JASNA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 2. 2017.	100	281,0	
SUTLOVIĆ, IGOR	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	14. 2. 2017.	100	460,5	
ŠIPUŠIĆ, JURAJ	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16. 1. 2017.	100	464,0	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2017./2018.)	Opterećenje na vanjskim institucijama u norma satima
ŠKORIĆ, IRENA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	14. 2. 2017.	100	510,0	
VIDOVIĆ, ELVIRA	Redoviti profesor – prvi izbor	dr. sc.	Rheinisch – Westfälische Technische Hochschule Aachen, Njemačka	kemijsko inženjerstvo	12. 6. 2018.	100	282,0	
VRSALOVIĆ PRESEČKI, ANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 12. 2018.	100	347,0	
VUKOVIĆ DOMANOVAC, MARIJA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2018.	100	505,5	
AŠPERGER, DANIJELA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	22. 10. 2013.	100	503,5	
DANANIĆ, VLADIMIR	Izvanredni profesor	dr. sc.	Prirodoslovno–matematički fakultet	fizika	16. 6. 2015.	100	405,0	
GAZIVODA KRALJEVIĆ, TATJANA	Izvanredni profesor	dr. sc.	Prirodoslovno–matematički fakultet	kemija	25. 4. 2017.	100	342,0	31,0 Sveučilište u Zagrebu
GLASNOVIĆ, ZVONIMIR	Izvanredni profesor	dr. sc.	Elektrotehnički fakultet	elektrotehnika	30. 5. 2016.	100	582,5	
KOSAR, VANJA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	29. 5. 2017.	100	292,5	
KRALJIĆ ROKOVIĆ, MARIJANA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16. 1. 2017.	100	342,0	
KUŠIĆ, HRVOJE	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	7. 5. 2018.	100	330,0	
MILARDOVIĆ, STJEPAN	Izvanredni profesor	dr. sc.	Tehnološki fakultet	kemija	29. 2. 2016.	100	363,0	
OTMAČIĆ ĆURKOVIĆ, HELENA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	8. 5. 2017.	100	521,0	
STEINBERG, IVANA	Izvanredni profesor	dr. sc.	Karl – Franzes – Universität Graz, Austrija	kemija	20. 12. 2016.	100	438,5	
UKIĆ, ŠIME	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	21. 11. 2017.	100	350,5	
VRBOS, NEVENKA	Izvanredni profesor	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	29. 1. 2018.	100	300,0	
VRSALJKO, DOMAGOJ	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	7. 5. 2018.	100	331,5	
ŽIŽEK, KRUNOSLAV	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2018.	100	331,0	
BEGOVIĆ KOVAČ, ERNA	Docent	dr. sc.	Prirodoslovno–matematički fakultet	matematika	20. 11. 2018.	100	247,5	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2017./2018.)	Opterećenje na vanjskim institucijama u norma satima
DEJANOVIĆ, IGOR	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	24. 11. 2014.	100	302,5	
DOLAR, DAVOR	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 10. 2014.	100	285,0	
FARAGUNA, FABIO	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10. 9. 2018.	100	330,0	
JERKOVIĆ, MIROSLAV	Docent	dr. sc.	Prirodoslovno-matematički fakultet	matematika	30. 10. 2017.	100	540,0	
KATIĆ, JOZEFINA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	27. 9. 2018.	100	112,0	
KRATOFIL KREHULA, LJERKA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	15. 6. 2015.	100	249,0	
KRIŠTAFOR, SVJETLANA	Docent	dr. sc.	Prirodoslovno-matematički fakultet	kemija	24. 9. 2013.	100	392,0	
KUČIĆ GRGIĆ DAJANA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10. 9. 2018.	100	336,0	
MANDIĆ, VILKO	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	21. 9. 2017.	100	238,5	226,5 Sveučilište u Zagrebu
ROGINA, ANAMARIJA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	5. 11. 2018.	100	297,0	
VUK, DRAGANA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	17. 3. 2015.	100	328,0	
DEŠPALJ, NAĐA	Viši predavač		Filozofski fakultet	filologija	3. 7. 2017.	100	960,0	
FURAČ, LIDIJA	Viši predavač	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	24. 9. 2013.	100	768,0	
MARKIĆ, MARINKO	Viši predavač	mr. sc.	Elektrotehnički fakultet	elektrotehnika	3. 12. 2018.	100	560,0	
MOVRE ŠAPIĆ, IVA	Predavač	dr. sc.	Prirodoslovno-matematički fakultet	fizika	22. 9. 2015.	100	000,0	
PERŠUN, JOSIPA	Predavač		Kineziološki fakultet u Zagrebu	kineziologija	18. 3. 2015.	100	480,0	
UJEVIĆ ANDRIJIĆ, ŽELJKA	Viši asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2013.	100	354,0	
KASSAL, PETAR	Poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 7. 2015.	100	436,0	
BABIĆ, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 4. 2016.	100	343,5	
BARBARIĆ, JOŠKO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 2. 2016.	100	226,0	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2017./2018.)	Opterećenje na vanjskim institucijama u norma satima
BLAŽIĆ, ROKO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 2. 2017.	100	200,0	
BRLEKOVIĆ, FILIP	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 5. 2018.	100	000,0	
BUŽANČIĆ, MARIN	Asistent		Prirodoslovno-matematički fakultet	matematika	1. 4. 2016.	100	472,5	
CVETNIĆ, MATIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100	180,0	
DABIĆ, DARIO	Asistent		Prirodoslovno-matematički fakultet	kemija	1. 10. 2015.	100	203,0	
DORIĆ, HRVOJE	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100	285,0	
GRETIĆ, MATIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100	309,0	
IVANIŠEVIĆ, IRENA	Asistent		Prirodoslovno-matematički fakultet	kemija	1. 4. 2016.	100	248,0	
LUKAČ, GORAN	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 4. 2016.	100	232,0	
LUKIĆ, MARIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 4. 2016.	100	483,0	
MIKIĆ, DAJANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	6. 3. 2017.	100	181,0	
MITAR, ANAMARIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100	322,5	
MRKONJIĆ, NIKOLINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 11. 2018.	100	000,0	
MUŽINA, KATARINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 3. 2017.	100	478,5	
PAPAC, JOSIPA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 9. 2017	100	237,0	
PERŠIĆ, ANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 2. 2017.	100	351,0	
PETRAČIĆ, ANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26. 9. 2016.	100	249,5	
PRŠIR, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100	215,0	
RACAR, MARKO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100	180,0	
RATKOVIĆ, ANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	6. 3. 2017.	100	239,0	
RESSLER, ANTONIA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26. 9. 2016.	100	375,0	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2017./2018.)	Opterećenje na vanjskim institucijama u norma satima
SIGURNJAK, MARIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100	281,5	
SOKOL, IVANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 4. 2018.	100	60,0	
ŠABIĆ RUNJAVEC, MONIKA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 4. 2015.	100	238,0	
ŠOIĆ, IVANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 4. 2018.	100	97,0	
TOLIĆ, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 12. 2017.	100	217,0	
VLAHEK, ANDREJA	Asistent		Prirodoslovno-matematički fakultet	matematika	1. 12. 2017.	100	247,5	
ZAGAJSKI KUČAN, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 4. 2015.	100	201,5	
ŽIVKOVIĆ, IVANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 6. 2018.	100	000,0	
LASIĆ, LUKA	Stručni suradnik	mr. sc.	Prirodoslovno-matematički fakultet	matematika	25. 9. 1995.	100	495,0	
MATIJAŠEC, DORA	Stručni suradnik		Prirodoslovno-matematički fakultet	kemija	1. 2. 2009.	100	203,0	
PALJAR, KLAUDIA	Stručni suradnik		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	29. 2. 2016.	100	600,0	
VIDAK, ANDREJ	Stručni suradnik		Prirodoslovno-matematički fakultet	fizika	12. 11. 2018.	100	405,0	
VUČIĆ, VEDRAN	Stručni suradnik		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 5. 2018.	100	projekt „TEHNIX“	
CINDRIĆ, MAJA	Znanstveni novak – viši asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	19. 7. 2013.	100	331,0	
VRANJEŠ PENAVALA, NINA	Znanstveni novak – viši asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	29. 12. 2008.	100	000,0	
BIOŠIĆ, MARTINA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 3. 2015.	100	232,0	
BUHIN ŠTURLIĆ, ZRINKA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 12. 2013.	100	382,5	
MEŠČIĆ MACAN ANDRIJANA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	26. 3. 2014.	100	000,0	
MOHLER, IVAN	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 4. 2015.	100	348,0	
NOVAK STANKOV, MIRJANA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 7. 2015.	100	248,0	
PERIN, NATAŠA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	24. 3. 2014.	100	296,0	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2017./2018.)	Opterećenje na vanjskim institucijama u norma satima
SUDAR, MARTINA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 7. 2015.	100	288,0	
ŠALIĆ, ANITA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 7. 2015.	100	000,0	
DUPLANČIĆ, MARINA	Znanstveni novak – asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 5. 2007.	100	000,0	
JURETIĆ PERIŠIĆ, DARIA	Znanstveni novak – asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 4. 2012.	100	000,0	
MARAČIĆ, SILVIJA	Znanstveni novak – asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	10. 1. 2011.	100	000,0	
ANTUNOVIĆ, MAJA	Poslijedoktorand	dr. sc.	Prirodoslovno-matematički fakultet	fizika	1. 11. 2018.	100	projekt HrZZ	
BAUER, LEONARD	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10. 5. 2017.	100	projekt HrZZ	
GILJA, VANJA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 1. 2015.	100	projekt HrZZ	
GOJUN, MARTIN	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	17. 9. 2018.	100	projekt HrZZ	
KOVAČIĆ, MARIN	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 1. 2015.	100	projekt HrZZ	
KRISTAN MIOČ, EKATARINA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 1. 2015.	100	projekt HrZZ	
SAČER, DENIS	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 1. 2015.	100	projekt HrZZ	
TOMIĆ, ANTONIJA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 7. 2018.	100	projekt HrZZ	
ČESNIK, MORANA	Doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 5. 2015.	100	projekt OBZOR 2020	
ŠVARC, ANERA	Doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 5. 2015.	100	projekt OBZOR 2020	

* Stanje 31. prosinca 2018.

Tablica 4.4. Dinamika zapošljavanja nastavnika u posljednjih pet godina

Godina	Broj novozaposlenih nastavnika	Broj nastavnika kojima je završio radni odnos
2013./2014.	3	7
2014./2015.	3	1
2015./2016.	2	3
2016./2017.	0	2
2017./2018.	4	0

* Stanje 31. prosinca 2018.

Tablica 4.5. Nastavni materijali korišteni u prethodnoj akademskoj godini (2017./2018.)

Naziv studijskog programa	Preddiplomski				Diplomski			
	KI	KIM	EI	PK	KI	KIM	EI	PK
Broj udžbenika napisanih na hrvatskom jeziku	21	11	23	12	26	4	7	12
Broj inozemnih udžbenika prevedenih na hrvatski jezik	2	3	5	7	-	-	-	3
Broj znanstvenih publikacija povezanih s nastavom	Velika većina znanstvenih publikacija može se smatrati sadržajno povezanima s nastavom. To poglavito vrijedi za nastavu na diplomskim studijima.							
Broj priručnika	20	9	10	12	16	11	6	5
Broj predmeta za koje na mrežnim stranicama visokog učilišta postoji recenzirani priručnik	3	1	1	1	5	7	5	3
Broj predmeta za koje postoji mrežna stranica s pomoćnim nastavnim materijalima	29	34	40	40	44	26	24	42
Broj predmeta koji se izvode kao e-kolegiji (o – obvezni; i – izborni)	6-o	4-o	5-o	4-o, 2-i	3-o, 1-i	2-o, 1-i	0	6-i
Ukupni broj kolegija na studijskom programu	42	41	49	50	53	33	27	48

Tablica 5.a. Popis svih publikacija u 2017. i 2018. prema WoS-u i SCOPUS-u.

WoS – 2017.

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	Petogodišnji IF	JCR predmetno područje časopisa	Kvartil	Medijan IF
1.	Bačić, Ivana; Mandić, Vilko; Ćurković, Lidija; Otmačić-Ćurković, Helena; Kurajica, Stanislav. Thermal and structural studies of sol-gel-derived yttria-doped ZrO ₂ nanoparticles: Effect of annealing condition. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017), 1; 197-206	2,209 (2017.)	1,917 (2017.)	CHEMISTRY, ANALYTICAL	Q2	2,111 (2017.)
				CHEMISTRY, PHYSICAL	Q3	2,631 (2017.)
				THERMODYNAMICS	Q2	1,633 (2017.)
2.	Begović Kovač, Erna; Hari, Vjeran. On the global convergence of the Jacobi method for symmetric matrices of order 4 under parallel strategies. // <i>Linear algebra and its applications</i> . 524 (2017); 199-234	0,972 (2017.)	1,043 (2017.)	MATHEMATICS	Q1	0,704 (2017.)
				MATHEMATICS, APPLIED	Q2	0,972 (2017.)
3.	Begović Kovač, Erna; Kressner, Daniel. Structure-preserving low multilinear rank approximation of antisymmetric tensors. // <i>SIAM journal on matrix analysis and applications</i> . 38 (2017), 3; 967-983	1,682 (2017.)	2,399 (2017.)	MATHEMATICS, APPLIED	Q1	0,972 (2017.)
4.	Biošić, Martina; Mitrevski, Marija; Babić, Sandra. Environmental behaviour of sulfadiazine, sulfamethazine and their metabolites. // <i>Environmental science and pollution research</i> . 24 (2017), 10; 9802-9812	2,800 (2017.)	2,989 (2017.)	ENVIRONMENTAL SCIENCES	Q2	2,071 (2017.)
5.	Biošić, Martina; Škorić, Irena; Beganović, Jasmina; Babić, Sandra. Nitrofurantoin hydrolytic degradation in the environment. // <i>Chemosphere</i> . 186 (2017); 660-668	4,427 (2017.)	4,551 (2017.)	ENVIRONMENTAL SCIENCES	Q1	2,071 (2017.)
6.	Bistrović, Andrea; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Kraljević Pavelić, Sandra; Cetina, Mario; Raić-Malić, Silvana. Synthesis and anti-proliferative effects of mono- and bis-purinomimetics targeting kinases. // <i>International journal of molecular sciences</i> . 18 (2017), 11; 2292-1-2292-20	3,687 (2017.)	3,878 (2017.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	2,906 (2017.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,199 (2017.)
7.	Bistrović, Andrea; Stipaničev, Nikolina; Opačak-Bernardi, Teuta; Jukić, Marijana; Martinez, Sanja; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Synthesis of 4-aryl-1,2,3-triazolyl appended natural coumarin-related compounds with antiproliferative, radical scavenging activities and intracellular ROS production modification. // <i>New journal of chemistry</i> . 41 (2017), 15; 7531-7543	3,201 (2017.)	3,181 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,199 (2017.)
8.	Bocian, Szymon; Škrinjar, Tea; Bolanča, Tomislav; Buszewski, Bogusław. How high pressure unifies solvation processes in liquid chromatography. // <i>Journal of AOAC international</i> . 100 (2017), 6; 1647-1651	1,087 (2017.)	1,102 (2017.)	CHEMISTRY, ANALYTICAL	Q4	2,111 (2017.)
				FOOD SCIENCE & TECHNOLOGY	Q3	1,765 (2017.)

9.	Bolanča, Tomislav; Strahovnik, Tomislav; Ukić, Šime; Novak Stankov, Mirjana; Rogošić, Marko. Modeling of policies for reduction of GHG emissions in energy sector using ANN: case study-Croatia (EU). // <i>Environmental science and pollution research</i> . 24 (2017) , 19; 16172-16185	2,800 (2017.)	2,989 (2017.)	ENVIRONMENTAL SCIENCES	Q2	2,071 (2017.)
10.	Bota, Josip; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Brozović, Maja; Hrnjak-Murgić, Zlata. Surface characteristics and enhancement of water vapour properties of paperboard coated with polycaprolactone nanocomposites. // <i>Journal of adhesion science and technology</i> . 31 (2017) , 5; 466-486	1,039 (2017.)	1,143 (2017.)	ENGINEERING, CHEMICAL	Q3	1,744 (2017.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	2,008 (2017.)
				MECHANICS	Q4	1,768 (2017.)
11.	Bota, Josip; Vukoje, Marina; Brozović, Maja; Hrnjak-Murgić, Zlata. Reduced water permeability of biodegradable PCL nanocomposite coated paperboard packaging. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 417-424	1,383 (2017.)	1,275 (2017.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,229 (2017.)
				ENGINEERING, CHEMICAL	Q3	1,744 (2017.)
12.	Botti, V.; Mazzucato, U.; Šindler-Kulyk, Marija; Spalletti A. Proton transfer in the ground and excited state and photobehaviour of the positional isomers of E-5-[2-(pyrid-n-yl)ethenyl]oxazole's (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 333 (2017) ; 33-39	2,891 (2017.)	2,680 (2017.)	CHEMISTRY, PHYSICAL	Q2	2,631 (2017.)
13.	Brnardić, Ivan; Ćurković, Lidija; Sofilić, Tahir; Mutavdžić Pavlović, Dragana; Matijašić, Gordana; Grčić, Ivana; Rađenović, Ankica. Removal of heavy metals and pharmaceuticals from contaminated water using waste sludge – kinetics and mechanisms. // <i>Clean-soil air water</i> . 45 (2017) , 7; 1600509-1-1600509-9	1,338 (2017.)	1,566 (2017.)	ENVIRONMENTAL SCIENCES	Q3	2,071 (2017.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q4	1,984 (2017.)
				MARINE & FRESHWATER BIOLOGY	Q3	1,526 (2017.)
				WATER RESOURCES	Q3	1,783 (2017.)
14.	Bucić-Kojić, Ana; Šelo, Gordana; Zelić, Bruno; Planinić, Mirela; Tišma, Marina. Recovery of phenolic acid and enzyme production from corn silage biologically treated by <i>Trametes versicolor</i> . // <i>Applied biochemistry and biotechnology</i> . 181 (2017) , 3; 948-960	1,797 (2017.)	1,919 (2017.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q4	2,906 (2017.)
				BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q3	2,229 (2017.)
15.	Cindrić, Maja; Jambon, Samy; Harej, Anja; Depauw, Sabine; David-Cordonnier, Marie-Hélène; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Novel amidino substituted benzimidazole and benzothiazole benzo[b]thieno-2-carboxamides exert strong antiproliferative and DNA binding properties. // <i>European journal of medicinal chemistry</i> . 136 (2017) ; 468-479	4,816 (2017.)	4,527 (2017.)	CHEMISTRY, MEDICINAL	Q1	2,631 (2017.)

16.	Cindrić, Maja; Sović, Irena; Martin-Kleiner, Irena; Kralj, Marijeta; Mašek, Tomislav; Hranjec, Marijana; Starčević, Kristina. Synthesis, antioxidative and antiproliferative activity of methoxy amidino substituted benzamides and benzimidazoles. // <i>Medicinal chemistry research</i> . 26 (2017), 9; 2024-2037	1,607 (2017.)	1,554 (2017.)	CHEMISTRY, MEDICINAL	Q4	2,631 (2017.)
17.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Đermadi, Jasna; Horvat, Sanja; Bolanča, Tomislav; Marin, Vedrana; Karamanis, Panagiotis; Lončarić Božić, Ana. Prediction of biodegradability of aromatics in water using QSAR modeling. // <i>Ecotoxicology and environmental safety</i> . 139 (2017); 139-149	3,974 (2017.)	4,000 (2017.)	ENVIRONMENTAL SCIENCES	Q1	2,071 (2017.)
				TOXICOLOGY	Q1	2,459 (2017.)
18.	Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Photooxidative degradation of pesticides in water; response surface modeling approach. // <i>Journal of advanced oxidation technologies</i> . 20 (2017), 1; 20160172-1-20160172-14	0,901 (2017.)	0,794 (2017.)	CHEMISTRY, PHYSICAL	Q4	2,631 (2017.)
19.	Čizmić, Mirta; Babić, Sandra; Kaštelan-Macan, Marija. Multi-class determination of pharmaceuticals in wastewaters by solid-phase extraction and liquid chromatography tandem mass spectrometry with matrix effect study. // <i>Environmental science and pollution research</i> . 24 (2017), 25; 20521-20539	2,800 (2017.)	2,989 (2017.)	ENVIRONMENTAL SCIENCES	Q2	2,071 (2017.)
20.	Čizmić, Mirta; Ljubas, Davor; Čurković, Lidija; Škorić, Irena; Babić, Sandra. Kinetics and degradation pathways of photolytic and photocatalytic oxidation of the anthelmintic drug praziquantel. // <i>Journal of hazardous materials</i> . 323 (2017), Part A; 500-512	6,434 (2017.)	6,513 (2017.)	ENGINEERING, CIVIL	Q1	1,448 (2017.)
				ENGINEERING, ENVIRONMENTAL	Q1	2,249 (2017.)
				ENVIRONMENTAL SCIENCES	Q1	2,071 (2017.)
21.	Čurković, Lidija; Žmak, Irena; Kurajica, Stanislav; Tonković, Martina Eva; Šokčević, Zrinka; Majić Renjo, Marijana. From eggshells biowaste to hydroxyapatite biomaterial. // <i>Materialwissenschaft und Werkstofftechnik</i> . 48 (2017), 8; 797-802	0,625 (2017.)	0,545 (2017.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	2,008 (2017.)
22.	Dolar, Davor; Drašinac, Nina; Košutić, Krešimir; Škorić, Irena; Ašperger, Danijela. Adsorption of hydrophilic and hydrophobic pharmaceuticals on RO/NF membranes: Identification of interactions using FTIR. // <i>Journal of applied polymer science</i> . 134 (2017), 5; 44426-1-44426-12	1,901 (2017.)	1,760 (2017.)	POLYMER SCIENCE	Q2	1,655 (2017.)
23.	Dražević, Emil; Košutić, Krešimir; Svalina, Marin; Catalano, Jacopo. Permeability of uncharged organic molecules in reverse osmosis desalination membranes. // <i>Water research</i> . 116 (2017); 13-22	7,051 (2017.)	7,621 (2017.)	ENGINEERING, ENVIRONMENTAL	Q1	1,909 (2016.)
				ENVIRONMENTAL SCIENCES	Q1	1,826 (2016.)
				WATER RESOURCES	Q1	1,603 (2016.)
24.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017), 4; 375-383	1,383 (2017.)	1,275 (2017.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,229 (2017.)
				ENGINEERING, CHEMICAL	Q3	1,744 (2017.)

25.	Faraguna, Fabio; Kraguljac, Kornelije; Vidović, Elvira; Jukić, Ante. Crystallization and pour point of solutions of the dispersant Poly(Styrene-Co-Methacrylate) viscosity modifiers in lubricating base oil. // <i>Tribology transactions</i> . 60 (2017) , 6; 1063-1069	1,723 (2017.)	1,780 (2017.)	ENGINEERING, MECHANICAL	Q2	1,708 (2017.)
26.	Faraguna, Fabio; Pötschke, Petra; Piontecka, Jürgen. Preparation of polystyrene nanocomposites with functionalized carbon nanotubes by melt and solution mixing: Investigation of dispersion, melt rheology, electrical and thermal properties. // <i>Polymer</i> . 132 (2017) ; 325-341	3,483 (2017.)	3,636 (2017.)	POLYMER SCIENCE	Q1	1,655 (2017.)
27.	Faraguna, Fabio; Racar, Marko; Glasovac, Zoran; Jukić, Ante. Correlation method for conversion determination of biodiesel obtained from different alcohols by ¹ H NMR spectroscopy. // <i>Energy & fuels</i> . 31 (2017) , 4; 3943-3948	3,024 (2017.)	3,622 (2017.)	ENERGY & FUELS	Q2	2,658 (2017.)
				ENGINEERING, CHEMICAL	Q2	1,744 (2017.)
28.	Ghoufi, Aziz; Dražević, Emil; Szymczyk, Anthony. Interactions of organics within hydrated selective layer of reverse osmosis desalination membrane: a combined experimental and computational study. // <i>Environmental science & technology</i> . 51 (2017) , 5; 2714-2719	6,653 (2017.)	7,250 (2017.)	ENGINEERING, ENVIRONMENTAL	Q1	2,249 (2017.)
				ENVIRONMENTAL SCIENCES	Q1	2,071 (2017.)
29.	Gilja, Vanja; Novaković, Katarina; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata; Kraljić Roković, Marijana; Žic, Mark. Stability and synergistic effect of polyaniline/TiO ₂ photocatalysts in degradation of Azo dye in wastewater. // <i>Nanomaterials</i> . 7 (2017) , 12; 412-1-412-16	3,504 (2017.)	3,811 (2017.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	2,008 (2017.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	2,934 (2017.)
30.	Gopi, Sreerag; Balakrishnan, Preetha; Divya, Chandradhara; Valić, Srećko; Govorčin Bajsić, Emi; Pius, Anitha; Thomas, Sabu. Facile synthesis of chitin nanocrystal decorated on 3D cellulose aerogel as a new multi-functional material for waste water treatment with enhanced anti-bacterial and anti-oxidant properties. // <i>New journal of chemistry</i> . 41 (2017) , 21; 12746-12755	3,201 (2017.)	3,181 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,199 (2017.)
31.	Govorčin Bajsić, Emi; Filipan, Veljko; Holjevac Grgurić, Tamara; Grozdanić, Vedrana. Effect of micro and nano TiO ₂ on UV degradation behavior of TiO ₂ reinforced Polycaprolactone composites. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 297-306	0,705 (2017.)	0,861 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,199 (2017.)
32.	Govorčin Bajsić, Emi; Filipan, Veljko; Ocelić Bulatović, Vesna; Mandić, Vilko. The influence of filler treatment on the mechanical properties and phase behavior of thermoplastic polyurethane/polypropylene blends. // <i>Polymer bulletin</i> . 74 (2017) , 8; 2939-2955	1,589 (2017.)	1,507 (2017.)	POLYMER SCIENCE	Q3	1,655 (2017.)
33.	Grčić, Ivana; Brnardić, Ivan; Mutavdžić Pavlović, Dragana; Mandić, Vilko; Papić, Sanja. Photocatalytic activity of synthesized titanate nanotubes and nanoribbons vs. commercial	1,383 (2017.)	1,397 (2017.)	ENGINEERING, CHEMICAL	Q3	1,744 (2017.)

	TiO ₂ under artificial solar and visible irradiation using 17β-estradiol as model micropollutant. // <i>Desalination and water treatment</i> . 67 (2017) ; 300-308			WATER RESOURCES	Q3	1,783 (2017.)
34.	Grčić, Ivana; Erjavec, Boštjan; Vrsaljko, Domagoj; Guyon, Cedric; Tatoulian, Michael. Influence of plasma surface pretreatment and triarylmethane dye on the photocatalytic performance of TiO ₂ -chitosan coating on textile. // <i>Progress in organic coatings</i> . 105 (2017) ; 277-285	2,955 (2017.)	3,004 (2017.)	CHEMISTRY, APPLIED	Q2	1,687 (2017.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	1,761 (2017.)
35.	Grčić, Ivana; Koprivanac, Natalija; Andričević, Roko. Reliability study of laboratory scale water treatment by advanced oxidation processes. // <i>Environmental engineering and management journal</i> . 16 (2017) , 1; 1-13	1,334 (2017.)	0,579 (2017.)	ENVIRONMENTAL SCIENCES	Q3	2,071 (2017.)
36.	Grčić, Ivana; Li Puma, Gianluca. Six-flux absorption-scattering models for photocatalysis under wide-spectrum irradiation sources in annular and flat reactors using catalysts with different optical properties. // <i>Applied catalysis. B, Environmental</i> . 211 (2017) ; 222-234	11,698 (2017.)	10,212 (2017.)	CHEMISTRY, PHYSICAL	Q1	2,631 (2017.)
				ENGINEERING, CHEMICAL	Q1	1,744 (2017.)
				ENGINEERING, ENVIRONMENTAL	Q1	2,249 (2017.)
37.	Gregorić, Tomislav; Sedić, Mirela; Grbčić, Petra; Tomljenović Paravić, Andrea; Kraljević Pavelić, Sandra; Cetina, Mario; Vianello, Robert; Raić-Malić, Silvana. Novel pyrimidine-2,4-dione-1,2,3-triazole and furo[2, 3-d]pyrimidine-2-one-1,2,3-triazole hybrids as potential anti-cancer agents: Synthesis, computational and X-ray analysis and biological evaluation. // <i>European journal of medicinal chemistry</i> . 125 (2017) ; 1247-1267	4,816 (2017.)	4,527 (2017.)	CHEMISTRY, MEDICINAL	Q1	2,631 (2017.)
38.	Hari, Vjeran; Begović Kovač, Erna. Convergence of the cyclic and quasi-cyclic block Jacobi methods. // <i>Electronic transactions on numerical analysis</i> . 46 (2017) ; 107-147	1,138 (2017.)	1,081 (2017.)	MATHEMATICS, APPLIED	Q2	0,972 (2017.)
39.	Herner, Željko; Kučić, Dajana; Zelić, Bruno. Biodegradation of imidacloprid by composting process. // <i>Chemical papers</i> . 71 (2017) ; 13-20	0,963 (2017.)	1,198 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,199 (2017.)
40.	Horak, Ema; Hranjec, Marijana; Vianello, Robert; Steinberg, Ivana. Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. // <i>Dyes and pigments</i> . 142 (2017) ; 108-115	3,767 (2017.)	3,572 (2017.)	CHEMISTRY, APPLIED	Q1	1,687 (2017.)
				ENGINEERING, CHEMICAL	Q1	1,744 (2017.)
				MATERIALS SCIENCE, TEXTILES	Q1	0,689 (2017.)
41.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Krištafor, Svjetlana; Karminski Zamola, Grace; Murković Steinberg, Ivana. Benzimidazole acrylonitriles as multifunctional push-pull chromophores: spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . 178 (2017) ; 225-233	2,880 (2017.)	2,571 (2017.)	SPECTROSCOPY	Q1	1,776 (2017.)

42.	Hranjec, Marijana; Horak, Ema; Babić, Darko; Plavljanić, Sanela; Srdović, Zrinka; Murković Steinberg, Ivana; Vianello, Robert; Perin, Nataša. Fluorescent benzimidazo[1,2-a]quinolines: synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. // <i>New journal of chemistry</i> . 41 (2017), 1; 358-371	3,201 (2017.)	3,181 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,199 (2017.)
43.	Jakovljević, Suzana; Alar, Vesna; Ivanković, Antonio. Electrochemical behaviour of PACVD TiN-coated CoCrMo medical alloy. // <i>Metals</i> . 7 (2017), 7; 231-1-231-14	1,704 (2017.)	1,899 (2017.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	2,008 (2017.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,206 (2017.)
44.	Jelčić, Želimir; Maduna, Karolina; Zrnčević, Stanka. Kinetics of catalytic peroxide oxidation of phenol over three-dimensional fractals. // <i>Industrial & engineering chemistry research</i> . 56 (2017), 45; 12994-13009	3,141 (2017.)	3,284 (2017.)	ENGINEERING, CHEMICAL	Q1	1,744 (2017.)
45.	Jelčić, Želimir; Očelić Bulatović, Vesna; Jurkaš Marković, Kristina; Rek, Vesna. Multi-fractal morphology of un-aged and aged SBS polymer-modified bitumen. // <i>Plastics, rubber and composites</i> . 46 (2017), 2; 77-98	0,848 (2017.)	0,799 (2017.)	MATERIALS SCIENCE, COMPOSITES	Q3	1,402 (2017.)
				POLYMER SCIENCE	Q4	1,655 (2017.)
46.	Jukić, Ante; Faraguna, Fabio; Franjić, Ivana; Kuzmić, Sunčica. Molecular interaction and viscometric behavior of mixtures of polyolefin and poly(styrene-co-dodecyl methacrylate-co-octadecyl methacrylate) rheology modifiers in solution of lubricating base oil. // <i>Journal of industrial and engineering chemistry</i> . 56 (2017); 270-276	4,841 (2017.)	4,231 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	2,199 (2017.)
				ENGINEERING, CHEMICAL	Q1	1,744 (2017.)
47.	Juretić Perišić, Daria; Belet, Alexandre; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Lončarić Božić, Ana. Comparative study on photocatalytic treatment of diclofenac: slurry vs. immobilized processes. // <i>Desalination and water treatment</i> . 81 (2017); 170-185	1,383 (2017.)	1,397 (2017.)	ENGINEERING, CHEMICAL	Q3	1,744 (2017.)
				WATER RESOURCES	Q3	1,783 (2017.)
48.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Mathematical modelling of polyphenol extraction by aqueous two-phase system in continuously operated macro- and micro-extractors. // <i>Separation science and technology</i> . 52 (2017), 5; 864-875	1,200 (2017.)	1,378 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,199 (2017.)
				ENGINEERING, CHEMICAL	Q3	1,744 (2017.)
49.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Catechol removal from aqueous media using laccase immobilized in different macro- and microreactor systems. // <i>Applied biochemistry and biotechnology</i> . 182 (2017), 4; 1575-1590	1,797 (2017.)	1,919 (2017.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q4	2,906 (2017.)
				BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q3	2,229 (2017.)
50.	Kassal, Petar; Zubak, Marko; Scheipl, Gregor; Mohr, Gerhard J.; Steinberg, Mathew; Murković Steinberg, Ivana. Smart bandage with wireless connectivity for optical monitoring of pH. // <i>Sensors and actuators. B, Chemical</i> . 246 (2017); 455-460	5,667 (2017.)	5,118 (2017.)	CHEMISTRY, ANALYTICAL	Q1	2,111 (2017.)
				ELECTROCHEMISTRY	Q1	2,492 (2017.)
				INSTRUMENTS & INSTRUMENTATION	Q1	1,642 (2017.)

51.	Katančić, Zvonimir; Grčić, Ivana; Hrnjak-Murgić, Zlata. Kinetic study of thermal degradation of highimpact polystyrene nanocomposites with different flame retardants using isoconversional and model fitting methods. // <i>Croatica chemica acta</i> . 90 (2017), 3; 401-411	0,705 (2017.)	0,861 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,199 (2017.)
52.	Katančić, Zvonimir; Šuka, Sniježana; Vrbat, Katarina; Tašić, Aleksandar, Hrnjak-Murgić, Zlata. Synthesis of Pedot/ZnO photocatalyst: Validation of photocatalytic activity by degradation of AZO RR45 dye under solar and UV-A irradiation. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017), 4; 385-394	1,383 (2017.)	1,275 (2017.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,229 (2017.)
				ENGINEERING, CHEMICAL	Q3	1,744 (2017.)
53.	Katava, Robert; Zorko, Franjo; Mance, Ana Dunja; Otmačić Ćurković, Helena; Pavlović, Gordana. Synthesis and structure of 4-methyl-1-N-(p-tolyl)imidazole as organic corrosion inhibitor. // <i>Molecular crystals and liquid crystals</i> . 642 (2017), 1; 29-37	0,633 (2017.)	0,591 (2017.)	CRYSTALLOGRAPHY	Q4	2,106 (2017.)
54.	Katić, Jozefina; Metikoš-Huković, Mirjana; Šarić, Iva; Petravić, Mladen. Electronic structure and redox behavior of tin sulfide films potentiostatically formed on tin. // <i>Journal of the electrochemical society</i> . 164 (2017), 7; C383-C389	3,662 (2017.)	3,520 (2017.)	ELECTROCHEMISTRY	Q2	2,492 (2017.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	1,761 (2017.)
55.	Klarić, Miljenko; Pervan, Stjepan; Biošić, Martina. Influence of lyophilisation and oven-drying on extraction yield of oregonin from European black alder (<i>Alnus glutinosa</i> (L.) Gaertn.) Bark. // <i>Drvna industrija : znanstveno-stručni časopis za pitanja drvne tehnologije</i> . 68 (2017), 3; 205-210	0,616 (2017.)	0,722 (2017.)	MATERIALS SCIENCE, PAPER & WOOD	Q3	0,764 (2017.)
56.	Kovačić, Marin; Kušić, Hrvoje; Fanetti, Mattia; Lavrenčić Štangar, Urška; Valant, Matjaž; Dionysiou, Dionysios D.; Lončarić Božić, Ana. TiO ₂ -SnS ₂ nanocomposites: solar-active photocatalytic materials for water treatment. // <i>Environmental science and pollution research</i> . 24 (2017), 24; 19965-19979	2,800 (2017.)	2,989 (2017.)	ENVIRONMENTAL SCIENCES	Q2	2,071 (2017.)
57.	Kraljić Roković, Marijana; Ljubek, Gabrijela; Žic, Mark; Popović, Jasminka. Electrochemical characterisation of sol-gel derived SnO ₂ for supercapacitor application. // <i>Croatica chemica acta</i> . 90 (2017), 2; 289-295	0,705 (2017.)	0,861 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,199 (2017.)
58.	Kratofil Krehula, Ljerka; Papić, Ana; Krehula, Stjepko; Gilja, Vanja; Foglar, Lucija; Hrnjak-Murgić, Zlata. Properties of UV protective films of poly(vinylchloride)/TiO ₂ nanocomposites for food packaging. // <i>Polymer bulletin</i> . 74 (2017), 4; 1387-1404	1,589 (2017.)	1,507 (2017.)	POLYMER SCIENCE	Q3	1,655 (2017.)
59.	Kučić, Dajana; Kopčić, Nina; Briški, Felicita. Biodegradation of agro-industrial waste. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017), 4; 369-374	1,383 (2017.)	1,275 (2017.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,229 (2017.)
				ENGINEERING, CHEMICAL	Q3	1,744 (2017.)

60.	Kučić, Dajana; Simonič, Marjana; Furač, Lidija. Batch adsorption of Cr (VI) ions from an aqueous solution on zeolite and agroindustrial waste: Equilibrium, kinetics and thermodynamic study. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 497-507	1,383 (2017.)	1,275 (2017.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,229 (2017.)
				ENGINEERING, CHEMICAL	Q3	1,744 (2017.)
61.	Kukučka, Miroslav; Kukučka Stojanović, Nikoleta; Foglar, Lucija. Enhancement of synthetic zeolite (Crystal-Right) adsorption characteristics toward NH ₄ ⁺ by regeneration. // <i>Desalination and water treatment</i> . 80 (2017) ; 326-336	1,383 (2017.)	1,397 (2017.)	ENGINEERING, CHEMICAL	Q3	1,744 (2017.)
				WATER RESOURCES	Q3	1,783 (2017.)
62.	Kurajica, Stanislav; Minga, Iva; Grčić, Ivana; Mandić, Vilko; Plodinec, Milivoj. The utilization of modified alkoxide as a precursor for solvothermal synthesis of nanocrystalline titania. // <i>Materials chemistry and physics</i> . 196 (2017) ; 194-204	2,210 (2017.)	2,296 (2017.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,008 (2017.)
63.	Macan, Jelena; Brcković, Lidija; Gajović, Andreja. Influence of preparation method and alumina content on crystallization and morphology of porous yttria stabilized zirconia. // <i>Journal of the European ceramic society</i> . 37 (2017) , 9; 3137-3149	3,794 (2017.)	3,536 (2017.)	MATERIALS SCIENCE, CERAMICS	Q1	0,980 (2017.)
64.	Macan, Jelena; Paljar, Klaudia; Burmas, Bruno; Špehar, Goran; Leskovac, Mirela; Gajović, Andreja. Epoxy-matrix composites filled with surface-modified SiO ₂ nanoparticles. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017) , 1; 399-408	2,209 (2017.)	1,917 (2017.)	CHEMISTRY, ANALYTICAL	Q2	2,111 (2017.)
				CHEMISTRY, PHYSICAL	Q3	2,631 (2017.)
				THERMODYNAMICS	Q2	1,633 (2017.)
65.	Mandić, Zoran. Electrochemical methods in drug discovery and development. // <i>Bulgarian chemical communications</i> . 49 (2017) , SI C; 65-73	0,242 (2017.)	0,322 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,199 (2017.)
66.	Meščić, Andrijana; Šalić, Anita; Gregorić, Tomislav; Zelić, Bruno; Raić-Malić, Silvana. Continuous flow-ultrasonic synergy in click reactions for the synthesis of novel 1,2,3-triazolyl appended 4,5-unsaturated L-ascorbic acid derivatives. // <i>RSC Advances</i> . 7 (2017) , 2; 791-800	2,936 (2017.)	3,096 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,199 (2017.)
67.	Metikoš-Huković, Mirjana; Katić, Jozefina; Grubač, Zoran; Škugor-Rončević, Ivana. Electrochemistry of CoCrMo implant in Hanks' solution and Mott-Schottky probe of alloy's passive films. // <i>Corrosion</i> . 73 (2017) , 12; 1401-1412	1,927 (2017.)	1,746 (2017.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	2,008 (2017.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,206 (2017.)
68.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Grčić, Ivana; Šimić, Iva; Župan, Josip. Isotherm, kinetic and thermodynamic study of ciprofloxacin sorption on sediments. // <i>Environmental science and pollution research</i> . 24 (2017) , 11; 10091-10106	2,800 (2017.)	2,989 (2017.)	ENVIRONMENTAL SCIENCES	Q2	2,071 (2017.)
69.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Macan, Jelena; Žižek, Krunoslav. Eggshell as a new biosorbent for the removal of the pharmaceuticals from aqueous solutions. // <i>Clean-soil air water</i> . 45 (2017) , 12; 1700082-1-1700082-14	1,338 (2017.)	1,566 (2017.)	ENVIRONMENTAL SCIENCES	Q3	2,071 (2017.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q4	1,984 (2017.)

				MARINE & FRESHWATER BIOLOGY	Q3	1,526 (2017.)
				WATER RESOURCES	Q3	1,783 (2017.)
70.	Očelić Bulatović, Vesna; Mihaljević, Antonia; Govorčin Bajsić, Emi; Holjevac Grgurić, Tamara. Morphology and thermal behavior of TPU/PP blends modified with maleic anhydride grafted SEBS block copolymer. // <i>International polymer processing</i> . 32 (2017) , 1; 102-111	0,535 (2017.)	0,559 (2017.)	ENGINEERING, CHEMICAL	Q4	1,744 (2017.)
				POLYMER SCIENCE	Q4	1,655 (2017.)
71.	Pandurić, Nikola; Šalić, Anita; Zelić, Bruno. Fully integrated biotransformation of fumaric acid by permeabilized baker's yeast cells with in situ separation of L-malic acid using ultrafiltration, acidification and electro dialysis. // <i>Biochemical engineering journal</i> . 125 (2017) ; 221-229	3,226 (2017.)	3,106 (2017.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q2	2,229 (2017.)
				ENGINEERING, CHEMICAL	Q1	1,744 (2017.)
72.	Panjičko, Mario; Zupančič, Gregor Drago; Fanelj, Lijana; Marinšek Logar, Romana; Tišma, Marina; Zelić, Bruno. Biogas production from brewery spent grain as a mono-substrate in a two-stage process composed of solid-state anaerobic digestion and granular biomass reactors. // <i>Journal of cleaner production</i> . 166 (2017) ; 519-529	5,651 (2017.)	6,352 (2017.)	ENGINEERING, ENVIRONMENTAL	Q1	2,249 (2017.)
				ENVIRONMENTAL SCIENCES	Q1	2,071 (2017.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	2,702 (2017.)
73.	Perin, Nataša; Bobanović, Kristina; Zlata, Ivo; Jelić, Dubravko; Kelava, Vanja; Koštrun, Sanja; Gabelica Marković, Vesna; Brajša, Karmen; Hranjec, Marijana. Antiproliferative activity of amino substituted benzo[b]thieno[2,3-b]pyrido[1,2-a]benzimidazoles explored by 2D and 3D cell culture system. // <i>European journal of medicinal chemistry</i> . 125 (2017) ; 722-735	4,816 (2017.)	4,527 (2017.)	CHEMISTRY, MEDICINAL	Q1	2,631 (2017.)
74.	Perin, Nataša; Starčević, Kristina; Perić, Mihaela; Čipčić Paljetak, Hana; Matijašić, Mario; Stepanić, Višnja; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Synthesis and SAR study of novel amidino 2-substituted benzimidazoles as potential antibacterial agents. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 145-154	0,705 (2017.)	0,861 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,199 (2017.)
75.	Plavac, Bojan; Grčić, Ivana; Brnardić, Ivan; Grozdanić, Vedrana; Papić, Sanja. Kinetic study of salicylic acid photocatalytic degradation using sol-gel anatase thin film with enhanced long-term activity. // <i>Reaction kinetics mechanisms and catalysis</i> . 120 (2017) , 1; 385-401	1,515 (2017.)	1,407 (2017.)	CHEMISTRY, PHYSICAL	Q3	2,631 (2017.)
76.	Racané, Livio; Cindrić, Maja; Perin, Nataša; Roškarić, Petra; Starčević, Kristina; Mašek, Tomislav; Maurić, Maja; Dogan, Jasna; Karminski-Zamola, Grace. Synthesis and antioxidative potency of novel amidino substituted benzimidazole and benzothiazole derivatives. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 187-195	0,705 (2017.)	0,861 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,199 (2017.)

77.	Racané, Livio; Sedić, Mirela; Ilić, Nataša; Aleksić, Maja; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace. Novel 2-thienyl- and 2-benzothienyl-substituted 6-(2-imidazoliny)benzothiazoles: synthesis; in vitro evaluation of antitumor effects and assessment of mitochondrial toxicity. // <i>Anti-cancer agents in medicinal chemistry</i> . 17 (2017), 1; 57-66	2,556 (2017.)	2,631 (2017.)	CHEMISTRY, MEDICINAL	Q3	2,631 (2017.)
				ONCOLOGY	Q3	3,193 (2017.)
78.	Racar, Marko; Dolar, Davor; Košutić, Krešimir. Chemical cleaning of flat sheet ultrafiltration membranes fouled by effluent organic matter. // <i>Separation and purification technology</i> . 188 (2017); 140-146	3,927 (2017.)	4,202 (2017.)	ENGINEERING, CHEMICAL	Q1	1,744 (2017.)
79.	Racar, Marko; Dolar, Davor; Špehar, Ana; Košutić, Krešimir. Application of UF/NF/RO membranes for treatment and reuse of rendering plant wastewater. // <i>Process safety and environmental protection</i> . 105 (2017); 386-392	3,441 (2017.)	3,338 (2017.)	ENGINEERING, CHEMICAL	Q1	1,744 (2017.)
				ENGINEERING, ENVIRONMENTAL	Q2	2,249 (2017.)
80.	Racar, Marko; Dolar, Davor; Špehar, Ana; Kraš, Ana; Košutić, Krešimir. Optimization of coagulation with ferric chloride as a pretreatment for fouling reduction during nanofiltration of rendering plant secondary effluent. // <i>Chemosphere</i> . 181 (2017); 485-491	4,427 (2017.)	4,551 (2017.)	ENVIRONMENTAL SCIENCES	Q1	2,071 (2017.)
81.	Rogina, Anamarija; Antunović, Maja; Pribolšan, Lidija; Caput Mihalić, Katarina; Vukasović, Andreja; Ivković, Alan; Marijanović, Inga; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Human mesenchymal stem cells differentiation regulated by hydroxyapatite content within chitosan-based scaffolds under perfusion conditions. // <i>Polymers</i> . 9 (2017), 9; 387-1-387-14	2,935 (2017.)	3,509 (2017.)	POLYMER SCIENCE	Q1	1,655 (2017.)
82.	Rogina, Anamarija; Ressler, Antonia; Matić, Igor; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Cellular hydrogels based on pH-responsive chitosan-hydroxyapatite system. // <i>Carbohydrate polymers</i> . 166 (2017); 173-182	5,158 (2017.)	5,326 (2017.)	CHEMISTRY, APPLIED	Q1	1,687 (2017.)
				CHEMISTRY, ORGANIC	Q1	2,000 (2017.)
				POLYMER SCIENCE	Q1	1,655 (2017.)
83.	Sačar, Denis; Kralj, Magdalena; Sopčić, Suzana; Košević, Milica; Dekanski, Aleksandar; Kraljić Roković, Marijana. Supercapacitors based on graphene/pseudocapacitive materials. // <i>Journal of the Serbian chemical society</i> . 82 (2017), 4; 411-416	0,797 (2017.)	0,923 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,199 (2017.)
84.	Sakač, Nikola; Karnaš, Maja; Jozanović, Marija; Medvidović-Kosanović, Martina; Martinež, Sanja; Macan, Jelena; Sak-Bosnar, Milan. Determination of anionic surfactants in real samples using low-cost and high sensitive solid contact surfactant sensor with MWCNTs as ion-to-electron transducer. // <i>Analytical methods</i> . 9 (2017); 2305-2314	2,073 (2017.)	2,000 (2017.)	CHEMISTRY, ANALYTICAL	Q3	2,111 (2017.)
				FOOD SCIENCE & TECHNOLOGY	Q2	1765 (2017.)
				SPECTROSCOPY	Q2	1,776 (2017.)

85.	Salaeh, Subhan; Kovačić, Marin; Kosir, Dominik; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reuse of TiO ₂ -based catalyst for solar driven water treatment; thermal and chemical reactivation. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 333 (2017) ; 117-129	2,891 (2017.)	2,680 (2017.)	CHEMISTRY, PHYSICAL	Q2	2,631 (2017.)
86.	Sander, Aleksandra; Rogošić, Marko; Ferčec, Borina; Parlov Vuković, Jelena. Liquid-liquid equilibrium for the systems hydrocarbon-thiophene or pyridine-1-hexyl-3,5-dimethylpyridinium bis(trifluoromethylsulfonyl)imide. // <i>Separation science and technology</i> . 52 (2017), 16; 2557-2572	1,200 (2017.)	1,378 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,199 (2017.)
				ENGINEERING, CHEMICAL	Q3	1,744 (2017.)
87.	Stipković Babić, Maja; Ratković, Ana; Jukić, Marijana; Glavaš-Obrovac, Ljubica; Drenjančević, Domagoj; Raić-Malić, Silvana; Gazivoda Kraljević, Tatjana. Synthesis, cytostatic and antibacterial evaluations of novel 1,2,3-Triazolyl-tagged pyrimidine and Furo[2,3-d]pyrimidine derivatives. // <i>Croatica chemica acta</i> . 90 (2017), 2; 197-205	0,705 (2017.)	0,861 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,199 (2017.)
88.	Šagud, Ivana; Levačić, Marko; Marinić, Željko; Škorić, Irena. Formation of polycyclic skeleton via photochemical transformations of new pyridyl- and thienylbutadiene derivatives. // <i>European journal of organic chemistry</i> . 2017 (2017), 26; 3787-3794	2,882 (2017.)	2,675 (2017.)	CHEMISTRY, ORGANIC	Q2	2,000 (2017.)
89.	Tireli, Martina; Maračić, Silvija; Lukin, Stipe; Juribašić Kulcsar, Marina; Žilić, Dijana; Cetina, Mario; Halasz, Ivan; Raić-Malić, Silvana; Užarević, Krunoslav. Solvent-free copper-catalyzed click chemistry for the synthesis of novel N-heterocyclic hybrids based on quinolone and 1,2,3-triazole. // <i>Beilstein journal of organic chemistry</i> . 13 (2017), 13; 2352-2363	2,330 (2017.)	2,619 (2017.)	CHEMISTRY, ORGANIC	Q2	2,000 (2017.)
90.	Tireli, Martina; Starčević, Kristina; Martinović, Tamara; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Antioxidative and antiproliferative activities of novel pyrido[1,2-a]benzimidazoles. // <i>Molecular diversity</i> . 21 (2017), 1; 201-210	2,229 (2017.)	1,997 (2017.)	CHEMISTRY, APPLIED	Q2	1,687 (2017.)
				CHEMISTRY, MEDICINAL	Q3	2,631 (2017.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,199 (2017.)
91.	Tušek, Dragutin; Ašperger, Danijela; Bačić, Ivana; Ćurković, Lidija; Macan, Jelena. Environmentally acceptable sorbents of chemical warfare agent simulants. // <i>Journal of materials science</i> . 52 (2017), 5; 2591-2604	2,993 (2017.)	2,733 (2017.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,008 (2017.)
92.	Vidović, Elvira; Fabio, Faraguna; Jukić, Ante. Influence of inorganic fillers on PLA crystallinity and thermal properties. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017), 1; 371-380	2,209 (2017.)	1,917 (2017.)	CHEMISTRY, ANALYTICAL	Q2	2,111 (2017.)
				CHEMISTRY, PHYSICAL	Q3	2,631 (2017.)
				THERMODYNAMICS	Q2	1,633 (2017.)

93.	Vrsalović, Mislav; Vrsalović Presečki, Ana. Atrial fibrillation and risk of cardiovascular events and mortality in patients with symptomatic peripheral artery disease: A meta-analysis of prospective studies. // <i>Clinical cardiology</i> . 40 (2017), 12; 1231-1235	2,733 (2017.)	2,393 (2017.)	CARDIAC & CARDIOVASCULAR SYSTEMS	Q2	2,264 (2017.)
94.	Vrsalović, Mislav; Vučur, Ksenija, Vrsalović Presečki, Ana; Fabijanić, Damir; Milošević, Milan. Impact of diabetes on mortality in peripheral artery disease: a meta-analysis. // <i>Clinical cardiology</i> . 40 (2017), 5; 287-291	2,733 (2017.)	2,393 (2017.)	CARDIAC & CARDIOVASCULAR SYSTEMS	Q2	2,264 (2017.)
95.	Vušak, Darko; Perin, Nataša; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana; Bertoša, Branimir. Synthesis and antiproliferative activity of amino substituted benzimidazo[1,2-a]quinolines as mesylate salts designed by 3D-QSAR analysis. // <i>Molecular diversity</i> . 21 (2017), 3; 621-636	2,229 (2017.)	1,997 (2017.)	CHEMISTRY, APPLIED	Q2	1,687 (2017.)
				CHEMISTRY, MEDICINAL	Q3	2,631 (2017.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,199 (2017.)
96.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Effect of operating conditions on the performances of multichannel ceramic UF membranes for textile mercerization wastewater treatment. // <i>Environmental technology</i> . 38 (2017), 1; 65-77	1,666 (2017.)	1,666 (2017.)	ENVIRONMENTAL SCIENCES	Q3	2,071 (2017.)
97.	Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Cindrić, Maja; Jarak, Ivana; Koštrun, Sanja; Karminski-Zamola, Grace; Gabelica Marković, Vesna; Hranjec, Marijana; Brajša, Karmen. Comparison of antitumor activity of some Benzothioephene and Thienothioephene Carboxanilides and Quinolones in 2D and 3D cell culture system. // <i>Croatia chemica acta</i> . 90 (2017), 3; 413-424	0,705 (2017.)	0,861 (2017.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,199 (2017.)
98.	Zupančič, Gregor Drago; Panjičko, Mario; Zelić, Bruno. Biogas production from brewery's yeast using and anaerobic sequencing batch reactor. // <i>Food technology and biotechnology</i> . 55 (2017), 2; 187-196	1,168 (2017.)	1,548 (2017.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,229 (2017.)
				FOOD SCIENCE & TECHNOLOGY	Q3	1,765 (2017.)

WoS – 2018.

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection</i> (WoSCC)	IF	Petogodišnji IF	JCR predmetno područje časopisa	Kvartil	Medijan IF
99.	Assarian, Arezo; Martinez, Sanja. Improving polyaspartic anti-corrosion coating protective properties with the use of nano-silica. // <i>Acta chimica Slovenica</i> . 65 (2018), 3; 569-577	1,076 (2018.)	0,964 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
100.	Babić, Sandra; Biošić, Martina; Škorić, Irena. Transformation products of pharmaceuticals in the environment: formation and analysis. // <i>Current organic chemistry</i> . 22 (2018), 10; 987-1004	2,029 (2018.)	1,913 (2018.)	CHEMISTRY, ORGANIC	Q3	2,066 (2018.)

101.	Babić, Sandra; Mutavdžić Pavlović, Dragana; Biošić, Martina; Ašperger, Danijela; Škorić, Irena; Runje, Mislav. Fate of febantel in the aquatic environment - the role of abiotic elimination processes. // <i>Environmental science and pollution research</i> . 25 (2018) ; 28917-28927	2,914 (2018.)	3,208 (2018.)	ENVIRONMENTAL SCIENCES	Q2	2,245 (2018.)
102.	Baranović, Ivana; Primc, Mirko; Trupčević, Goran. Bases of Feigin–Stoyanovsky’s type subspaces for $C_1^1(1)$. // <i>Ramanujan journal</i> . 45 (2018) , 1; 265-289	1,010 (2018.)	0,863 (2018.)	MATHEMATICS	Q2	0,747 (2018.)
103.	Begović Kovač, Erna; Hari, Vjeran. Jacobi method for symmetric 4x4 matrices converges for every cyclic pivot strategy. // <i>Numerical algorithms</i> . 78 (2018) , 3; 701-720	2,417 (2018.)	2,189 (2018.)	MATHEMATICS, APPLIED	Q1	1,088 (2018.)
104.	Beneta, Antonija; Mutavdžić Pavlović, Dragana; Periša, Ivan; Petrović, Mira. Multiresidue GC-MS/MS pesticide analysis for evaluation of tea and herbal infusion safety. // <i>International journal of environmental analytical chemistry</i> . 98 (2018) , 11; 987-1004	1,267 (2018.)	1,324 (2018.)	CHEMISTRY, ANALYTICAL	Q4	2,193 (2018.)
				ENVIRONMENTAL SCIENCES	Q4	2,245 (2018.)
105.	Bistrović, Andrea; Grbčić, Petra; Harej, Anja; Sedić, Mirela; Kraljević Pavelić, Sandra; Koštrun, Sanja; Plavec, Janez; Makuc, Damjan; Raić-Malić, Silvana. Small molecule purine and pseudopurine derivatives: synthesis, cytostatic evaluations and investigation of growth inhibitory effect in non-small cell lung cancer A549. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 33 (2018) , 1; 271-285	4,027 (2018.)	3,181 (2018.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	2,875 (2018.)
				CHEMISTRY, MEDICINAL	Q1	2,530 (2018.)
106.	Bistrović, Andrea; Krstulović, Luka; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Koštrun, Sanja; Kraljević Pavelić, Sandra; Bajić, Miroslav; Raić-Malić, Silvana. Design, synthesis and biological evaluation of novel benzimidazole amidines as potent multi- target inhibitors for the treatment of non-small cell lung cancer. // <i>European journal of medicinal chemistry</i> . 143 (2018) ; 1616-1634	4,833 (2018.)	4,666 (2018.)	CHEMISTRY, MEDICINAL	Q1	2,530 (2018.)
107.	Bistrović, Andrea; Krstulović, Luka; Stolić, Ivana; Drenjančević, Domagoj; Talapko, Jasminka; Taylor, Martin; Kelly, John; Bajić, Miroslav; Raić-Malić, Silvana. Synthesis, anti-bacterial and anti-protozoal activities of amidinobenzimidazole derivatives and their interactions with DNA and RNA. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 33 (2018) , 1; 1323-1334	4,027 (2018.)	3,181 (2018.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	2,875 (2018.)
				CHEMISTRY, MEDICINAL	Q1	2,530 (2018.)
108.	Budžaki, Sandra; Strelec, Ivica; Krnić, Mija; Alilović, Kristina; Tišma, Marina; Zelić, Bruno. Proximate analysis of cold-press oil cakes after biological treatment with <i>Trametes versicolor</i> and <i>Humicola grisea</i> . // <i>Engineering in life sciences</i> . 18 (2018) , 12; 924-931	1,936 (2018.)	2,402 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q3	2,452 (2018.)

109.	Cindrić, Ines; Grčić, Ivana; Koprivanac, Natalija. The sensitization effect of waste toner powder in the photocatalytic degradation of surfactant sodium dodecylbenzene sulfonate over immobilized TiO ₂ -chitosan layer under UVC and solar irradiation. // <i>Reaction kinetics mechanisms and catalysis</i> . 124 (2018) , 2; 905-930	1,428 (2018.)	1,390 (2018.)	CHEMISTRY, PHYSICAL	Q4	2,492 (2018.)
110.	Cindrić, Maja; Perić, Mihaela; Kralj, Marijeta; Martin-Kleiner, Irena; David-Cordonnier, Marie-Hélène; Čipčić Paljetak, Hana; Matijašić, Mario; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Antibacterial and antiproliferative activity of novel 2-benzimidazolyl and 2- benzothiazolyl substituted benzo[b]thieno-2-carboxamides. // <i>Molecular diversity</i> . 22 (2018) , 3; 637-646	2,032 (2018.)	1,995 (2018.)	CHEMISTRY, APPLIED	Q2	1,649 (2018.)
				CHEMISTRY, MEDICINAL	Q3	2,530 (2018.)
				CHEMISTRY, MULTIDISCIPLINARY	Q3	2,260 (2018.)
111.	Čizmić, Mirta; Ljubas, Davor; Škorić, Irena; Rožman, Marko; Ašperger, Danijela; Čurković, Lidija; Petrović, Mira; Babić, Sandra. Photolytic and photocatalytic degradation of febantel in aqueous media. // <i>Desalination and water treatment</i> . 104 (2018) ; 294-303	1,234 (2018.)	1,290 (2018.)	ENGINEERING, CHEMICAL	Q3	1,942 (2018.)
				WATER RESOURCES	Q3	1,970 (2018.)
112.	Čurković, Lidija; Ašperger, Danijela; Babić, Sandra; Župan, Josip. Adsorption of enrofloxacin onto natural zeolite: Kinetics, thermodynamics, isotherms and error analysis. // <i>Indian journal of chemical technology</i> . 25 (2018) , 6; 565-571	0,614 (2018.)	0,676 (2018.)	CHEMISTRY, APPLIED	Q4	1,649 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
113.	Dabić, Dario; Brkljačić, Lidija, Tandarić, Tana; Žinić, Mladen; Vianello, Robert; Frkanec, Leo; Kobetić, Renata. The metal effect on self-assembling of oxalamide gelators explored by mass spectrometry and DFT calculations. // <i>Journal of the American society for mass spectrometry</i> . 29 (2018) , 1; 103-113	3,202 (2018.)	2,863 (2018.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	2,875 (2018.)
				CHEMISTRY, ANALYTICAL	Q1	2,193 (2018.)
				CHEMISTRY, PHYSICAL	Q2	2,492 (2018.)
				SPECTROSCOPY	Q1	2,022 (2018.)
114.	Dejanović, Igor; Halvorsen, Ivar J.; Jansen, Helmut; Olujić, Žarko. Hydraulic design of thermally coupled columns and a DWC for NGL fractionation plants. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018) , 4; 391-400	0,859 (2018.)	1,321 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,452 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
115.	Delač Marion, Ida; Čapeta, Davor; Pelić, Borina; Faraguna, Fabio; Gallardo, Aurelio; Pou, Pablo; Biel, Blanca; Vujičić, Nataša; Kralj, Marko. Atomic-scale defects and electronic properties of a transferred synthesized MoS ₂ monolayer. // <i>Nanotechnology</i> . 29 (2018) , 30; 305703-1-305703-12	3,399 (2018.)	3,403 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,269 (2018.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	2,843 (2018.)
				PHYSICS, APPLIED	Q1	1,872 (2018.)
116.	Dujella, Andrej; Gusić, Ivica; Petričević, Vinko; Tadić, Petra. Strong Eulerian triples. // <i>Glasnik matematički</i> . 53 (2018) , 1; 33-42	0,554 (2018.)	0,626 (2018.)	MATHEMATICS	Q3	0,747 (2018.)
				MATHEMATICS, APPLIED	Q4	1,088 (2018.)

117.	Duplančić, Marina; Tomašić, Vesna; Gomzi, Zoran. Catalytic oxidation of toluene: comparative study over powder and monolithic manganese-nickel mixed oxide catalysts. // <i>Environmental technology</i> . 39 (2018) , 15; 2004-2016	1,918 (2018.)	1,848 (2018.)	ENVIRONMENTAL SCIENCES	Q3	2,245 (2018.)
118.	Đokić, Maja; Bilandžić, Nina; Sedak, Marija; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav; Bolanča, Tomislav. Manganese concentrations in tissues and skin of three dolphin species stranded in the Croatian waters of the Adriatic Sea from 1995 to 2013. // <i>Bulletin of environmental contamination and toxicology</i> . 100 (2018) ; 317-323	1,650 (2018.)	1,627 (2018.)	ENVIRONMENTAL SCIENCES	Q3	2,245 (2018.)
				TOXICOLOGY	Q4	2,649 (2018.)
119.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of chemical functionalization of carbon nanotubes on their dispersibility in alkyl methacrylate polymer matrix. // <i>Journal of applied polymer science</i> . 135 (2018) , 14; 46113-1-46113-11	2,188 (2018.)	2,069 (2018.)	POLYMER SCIENCE	Q2	1,839 (2018.)
120.	Franjo, Mladen; Šalić, Anita; Zelić, Bruno. Microstructured devices for biodiesel production by transesterification. // <i>Biomass conversion and biorefinery</i> . 8 (2018) , 4; 1005-1020	2,326 (2018.)	-	ENERGY & FUELS	Q3	3,021 (2018.)
				ENGINEERING, CHEMICAL	Q2	1,942 (2018.)
121.	Gilja, Vanja; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Krehula, Stjepko; Hrnjak-Murgić, Zlata; Travaš-Sejdić, Jadranka. Influence of titanium dioxide preparation method on photocatalytic degradation of organic dyes. // <i>Croatica chemica acta</i> . 91 (2018) , 3; 323-334	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
122.	Gilja, Vanja; Vrban, Ivan; Mandić, Vilko; Žic, Mark; Hrnjak-Murgić, Zlata. Preparation of a PANI/ZnO composite for efficient photocatalytic degradation of acid blue. // <i>Polymers</i> . 10 (2018) , 9; 940-1-940-17	3,164 (2018.)	3,542 (2018.)	POLYMER SCIENCE	Q1	1,839 (2018.)
123.	Govorčin Bajsić, Emi; Zdraveva, Emilija. Photooxidative stability of polyurethane/polycarbonate blends. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018) , 2; 191-203	0,859 (2018.)	1,321 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,452 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
124.	Grčić, Ivana; Koprivanac, Natalija Photocatalytic oxidation of azo dyes and oxalic acid in batch reactors and CSTR: introduction of photon absorption by dyes to kinetic models. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018) , 1; 71-81	0,859 (2018.)	1,321 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,452 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
125.	Grčić, Ivana; Papić, Sanja; Brnardić, Ivan. Photocatalytic activity of TiO ₂ thin films: kinetic and efficiency study. // <i>International journal of chemical reactor engineering</i> . 16 (2018) , 1; 20160153-1-20160153-19	1,059 (2018.)	1,156 (2018.)	ENGINEERING, CHEMICAL	Q3	1,942 (2018.)
126.	Grudić, Veselinka; Bošković, Ivana; Martinez, Sanja; Knežević, Bojana. Corrosion inhibition mild steel in NaCl solution in the presence of propolis extract. // <i>Macedonian journal of chemistry and chemical engineering</i> . 37 (2018) , 2; 203-213	0,644 (2018.)	0,652 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)

127.	Holjevac Grgurić, Tamara; Manasijević, Dragan; Kožuh, Stjepan; Ivanić, Ivana; Anžel, Ivan; Kosec, Borut; Bizjak, Milan; Govorčin Bajsić, Emi; Balanović, Ljubiša; Gojić, Mirko. The effect of the processing parameters on the martensitic transformation of Cu-Al-Mn shape memory alloy. // <i>Journal of alloys and compounds</i> . 765 (2018) ; 664-676	4,175 (2018.)	3,624 (2018.)	CHEMISTRY, PHYSICAL	Q2	2,492 (2018.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	2,269 (2018.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,361 (2018.)
128.	Horak, Ema; Kassal, Petar; Hranjec, Marijana; Steinberg Ivana. Benzimidazole functionalised Schiff bases: novel pH sensitive fluorescence turn-on chromoionophores for ion-selective optodes. // <i>Sensors and actuators. B, Chemical</i> . 258 (2018) ; 415-423	6,393 (2018.)	5,773 (2018.)	CHEMISTRY, ANALYTICAL	Q1	2,193 (2018.)
				ELECTROCHEMISTRY	Q1	2,611 (2018.)
				INSTRUMENTS & INSTRUMENTATION	Q1	1,977 (2018.)
129.	Horak, Ema; Kassal, Petar; Murković Steinberg, Ivana. Benzimidazole as a structural unit in fluorescent chemical sensors: the hidden properties of a multifunctional heterocyclic scaffold. // <i>Supramolecular chemistry</i> . 30 (2018) , 10; 838-857	1,660 (2018.)	1,313 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,260 (2018.)
130.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Murković Steinberg, Ivana. Colourimetric and fluorimetric metal ion chemosensor based on a benzimidazole functionalised Schiff base. // <i>Supramolecular chemistry</i> . 30 (2018) , 10; 891-900	1,660 (2018.)	1,313 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,260 (2018.)
131.	Ivanišević, Irena; Rukavina, Vanja; Kassal, Petar; Milardović, Stjepan. Impact of weak organic acids on precipitation of poly(acrylic acid) stabilized silver nanoparticles; an electrochemical approach. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 491-499	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
132.	Jakovljević, Ivana; Pehnc, Gordana; Vadić, Vladimira; Čačković, Mirjana; Tomašić, Vesna; Doko-Jelinić, Jagoda. Polycyclic aromatic hydrocarbons in PM ₁₀ , PM _{2.5} and PM ₁ particle fractions in an urban area. // <i>Air quality atmosphere and health</i> . 11 (2018) ; 843-854	2,297 (2018.)	2,847 (2018.)	ENVIRONMENTAL SCIENCES	Q2	2,245 (2018.)
133.	Karadeniz, Bahar; Howarth, Ashlee J.; Stolar, Tomislav; Islamoglu, Timur; Dejanović, Igor; Tireli, Martina; Wasson, Megan C.; Moon, Su-Young; Farha, Omar K.; Friščić, Tomislav; Užarević, Krunoslav. Benign by Design: Green and Scalable Synthesis of zirconium UiO-metal-organic frameworks by water-assisted mechanochemistry. // <i>ACS sustainable chemistry & engineering</i> . 6 (2018) , 11; 15841-15849	6,970 (2018.)	7,185 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	2,260 (2018.)
				ENGINEERING, CHEMICAL	Q1	1,942 (2018.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	2,811 (2018.)
134.	Kassal, Petar; Horak, Ema; Sigurnjak, Marija; Steinberg, Matthew D.; Steinberg, Ivana. Wireless and mobile optical chemical sensors and biosensors. // <i>Reviews in analytical chemistry</i> . 37 (2018) , 4; 20170024-1-20170024-27	2,875 (2018.)	2,179 (2018.)	CHEMISTRY, ANALYTICAL	Q2	2,193 (2018.)
135.	Kassal, Petar; Steinberg, Matthew D.; Horak, Ema; Murković Steinberg, Ivana. Wireless fluorimeter for mobile and low cost chemical sensing: a paper based chloride	6,393 (2018.)	5,773 (2018.)	CHEMISTRY, ANALYTICAL	Q1	2,193 (2018.)
				ELECTROCHEMISTRY	Q1	2,611 (2018.)

	assay. // <i>Sensors and actuators. B, Chemical.</i> 275 (2018) ; 230-236			INSTRUMENTS & INSTRUMENTATION	Q1	1,977 (2018.)
136.	Kassal, Petar; Steinberg, Matthew D.; Steinberg, Ivana Murković. Wireless chemical sensors and biosensors: a review. // <i>Sensors and actuators. B, Chemical.</i> 266 (2018) ; 228-245	6,393 (2018.)	5,773 (2018.)	CHEMISTRY, ANALYTICAL	Q1	2,193 (2018.)
				ELECTROCHEMISTRY	Q1	2,611 (2018.)
				INSTRUMENTS & INSTRUMENTATION	Q1	1,977 (2018.)
137.	Katančić, Zvonimir; Gavran, Iva; Smolković, Josipa; Hrnjak-Murčić, ZLata. Fly ash supported photocatalytic nanocomposite poly(3,4-ethylenedioxythiophene)/TiO ₂ for azo dye removal under simulated solar irradiation. // <i>Journal of applied polymer science.</i> 135 (2018) ; 46316-1-46316-12	2,188 (2018.)	2,069 (2018.)	POLYMER SCIENCE	Q2	1,839 (2018.)
138.	Katić, Višnja; Ivanković Buljan, Zorana; Špalj, Stjepan; Otmačić Čurković, Helena. Corrosion behavior of coated and uncoated nickel-titanium orthodontic wires in artificial saliva with short-term prophylactic fluoride treatment. // <i>International journal of electrochemical science.</i> 13 (2018) , 5; 4160-4170	1,284 (2018.)	1,445 (2018.)	ELECTROCHEMISTRY	Q4	2,611 (2018.)
139.	Kopitar, Dragana; Skenderi, Zenun; Matijašić, Gordana. Influence of nonwoven fabric pore sizes on water vapor resistance. // <i>Textile research journal.</i> 88 (2018) , 12; 1402-1412	1,613 (2018.)	1,808 (2018.)	MATERIALS SCIENCE, TEXTILES	Q1	0,746 (2018.)
140.	Kordić, Šimo; Matijašić, Gordana; Gretić, Matija. Prediction of particle size distribution of dronedarone hydrochloride in spiral jet mill using design of experiments. // <i>Chemical engineering communications.</i> 205 (2018) , 2; 197-206	1,431 (2018.)	1,507 (2018.)	ENGINEERING, CHEMICAL	Q3	1,942 (2018.)
141.	Kovačić, Marin; Katić, Jozefina; Kušić, Hrvoje; Lončarić Božić, Ana; Metikoš Huković, Mirjana. Elucidating the photocatalytic behavior of TiO ₂ -SnS ₂ composites based on their energy band structure. // <i>Materials.</i> 11 (2018) , 6; 1041-1-1041-19	2,972 (2018.)	3,532 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,269 (2018.)
142.	Kovačić, Marin; Kopčić, Nina; Kušić, Hrvoje; Lončarić Božić, Ana. Solar driven degradation of 17β-estradiol using composite photocatalytic materials and artificial irradiation source: Influence of process and water matrix parameters. // <i>Journal of photochemistry and photobiology A: Chemistry.</i> 361 (2018) ; 48-61	3,261 (2018.)	2,915 (2018.)	CHEMISTRY, PHYSICAL	Q2	2,492 (2018.)
143.	Kovačić, Marin; Kopčić, Nina; Kušić, Hrvoje; Štangar, Urška Lavrenčić; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reactivation and reuse of TiO ₂ -SnS ₂ composite catalyst for solar-driven water treatment. // <i>Environmental science and pollution research.</i> 25 (2018) , 3; 2538-2551	2,914 (2018.)	3,208 (2018.)	ENVIRONMENTAL SCIENCES	Q2	2,245 (2018.)
144.	Krehula, Stjepko; Ristić, Mira; Wu, Chuchu; Li, Xuning; Jiang, Luhua; Wang, Junhu; Sun, Gongquan; Zhang, Tao; Perović, Marija;	4,175 (2018.)	3,624 (2018.)	CHEMISTRY, PHYSICAL	Q2	2,492 (2018.)

	Bošković, Marko; Antić, Bratislav; Kratofil Krehula, Ljerka; Kobzi, Balázs; Kubuki, Shiro; Musić, Svetozar. Influence of Fe(III) doping on the crystal structure and properties of hydrothermally prepared β -Ni(OH) ₂ nanostructures. // <i>Journal of alloys and compounds</i> . 750 (2018) ; 687-695			MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	2,269 (2018.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,361 (2018.)
145.	Kristan Mioč, Ekatarina; Hajdari Grečić, Zana; Otmačić Čurković, Helena. Modification of cupronickel alloy surface with octadecylphosphonic acid self-assembled films for improved corrosion resistance. // <i>Corrosion science</i> . 134 (2018) ; 189-198	6,355 (2018.)	6,235 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	2,269 (2018.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,361 (2018.)
146.	Kurajica, Stanislav; Macan, Jelena; Mandić, Vilko; Galjer, Matija; Mužina, Katarina; Plaisier, Jasper Rikkert. Reinforcing blade-cast photocatalytic-titania thin film by titanate nanotubes. // <i>Materials research bulletin</i> . 105 (2018) ; 142-148	3,355 (2018.)	2,748 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,269 (2018.)
147.	Kurajica, Stanislav; Mandić, Vilko; Tomašić, Vesna; Duplančić, Marina; Matijašić, Gordana; Mužina, Katarina. Catalytic activity and related properties of sol-gel-derived manganese-doped gahnite. // <i>Journal of nanoparticle research</i> . 20 (2018) ; 178-1-178-12	2,009 (2018.)	2,139 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,260 (2018.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	2,269 (2018.)
				NANOSCIENCE & NANOTECHNOLOGY	Q3	2,843 (2018.)
148.	Le Cunff, Jérôme; Tomašić, Vesna; Gomzi, Zoran. Photocatalytic degradation of terbuthylazine: Modelling of a batch recirculating device. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 353 (2018) ; 159-170	3,261 (2018.)	2,915 (2018.)	CHEMISTRY, PHYSICAL	Q2	2,492 (2018.)
149.	Lukin, Stipe; Tireli, Martina; Lončarić, Ivor; Barišić, Dajana; Šket, Primož; Vrsaljko, Domagoj; di Michiel, Marco; Plavec, Janez; Užarević, Krunoslav; Halasz, Ivan. Mechanochemical carbon-carbon bond formation that proceeds via a cocrystal intermediate. // <i>Chemical communications</i> . 54 (2018) ; 13216-13219	6,164 (2018.)	5,989 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	2,260 (2018.)
150.	Ljubas, Davor; Čizmić, Mirta; Vrbat, Katarina; Stipaničev, Draženka; Repec, Siniša; Čurković, Lidija; Babić, Sandra. Albendazole degradation possibilities by UV-based advanced oxidation processes. // <i>International journal of photoenergy</i> . 2018 (2018) ; 6181747-1-6181747-6	2,026 (2018.)	1,754 (2018.)	CHEMISTRY, PHYSICAL	Q3	2,492 (2018.)
				ENERGY & FUELS	Q3	3,021 (2018.)
				OPTICS	Q2	1,961 (2018.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q3	2,170 (2018.)
151.	Maduna, Karolina; Kumar, Narendra; Aho, Atte; Wärnå, Johan; Zrnčević, Stanka; Murzin, Dmitry Yu. Kinetics of catalytic wet peroxide oxidation of phenolics in olive oil mill wastewaters over copper catalysts. // <i>ACS Omega</i> . 3 (2018) , 7; 7247-7260	2,584 (2018.)	2,548 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,260 (2018.)
152.	Margeta, Dunja; Faraguna, Fabio; Sertić-Bionda, Katica; Jukić, Ante. Modeling of dibenzothiophene oxidative desulfurization using response surface	1,070 (2018.)	0,873 (2018.)	ENERGY & FUELS	Q4	3,021 (2018.)
				ENGINEERING, CHEMICAL	Q3	1,942 (2018.)

	methodology. // <i>Petroleum science and technology</i> . 36 (2018) , 1; 68-74			ENGINEERING, PETROLEUM	Q3	1,070 (2018.)
153.	Markić, Marinko; Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Influence of process parameters on the effectiveness of photooxidative treatment of pharmaceuticals. // <i>Journal of environmental science and health. Part A: Toxic/hazardous substances & environmental engineering</i> . 53 (2018) , 4; 338-351	1,536 (2018.)	1,569 (2018.)	ENGINEERING, ENVIRONMENTAL	Q4	2,770 (2018.)
				ENVIRONMENTAL SCIENCES	Q3	2,245 (2018.)
154.	Marušić, Katarina; Otmačić Ćurković, Helena. Self-assembling monolayers of stearic acid in protection of steel. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 427-433	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
155.	Marušić, Katarina; Otmačić Ćurković, Helena; Supnišek Lisac, Ema; Takenouti, Hisasi. Two imidazole based corrosion inhibitors for protection of bronze from urban atmospheres. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 435-446	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
156.	Mašek, Tomislav; Perin, Nataša; Racané, Livio; Cindrić, Maja; Čipčić Paljetak, Hana; Perić, Mihaela; Matijašić, Mario; Verbanac, Donatella; Radić, Božo; Šuran, Jelena; Starčević, Kristina. Chemical composition, antioxidant and antibacterial activity of different extracts of poplar type propolis. // <i>Croatica chemica acta</i> . 91 (2018) , 1; 81-88	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
157.	Mazzucato, Ugo; Pannacci, Danilo; Šindler-Kulyk, Marija; Butković, Kristina; Spalletti, Anna. Spectral properties and photoreactivity of sydnonyl-stilbenes. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 351 (2018) ; 124-130	3,261 (2018.)	2,915 (2018.)	CHEMISTRY, PHYSICAL	Q2	2,492 (2018.)
158.	Milardović, Stjepan; Ivanišević, Irena; Rogina, Anamarija; Kassal, Petar. Synthesis and electrochemical characterization of AgNP ink suitable for inkjet printing. // <i>International journal of electrochemical science</i> . 13 (2018) , 11; 11136-11149	1,284 (2018.)	1,445 (2018.)	ELECTROCHEMISTRY	Q4	2,611 (2018.)
159.	Milovac, Dajana; Weigand, Ivna; Kovačić, Marin; Ivanković, Marica; Ivanković, Hrvoje. Highly porous hydroxyapatite derived from cuttlefish bone as TiO ₂ catalyst support. // <i>Processing and applications of ceramics</i> . 12 (2018) , 2; 136-142	0,976 (2018.)	1,255 (2018.)	MATERIALS SCIENCE, CERAMICS	Q3	1,044 (2018.)
160.	Mohler, Ivan; Ujević Andrijić, Željka; Bolf, Nenad. Soft sensors model optimization and application for the refinery real-time prediction of toluene content. // <i>Chemical engineering communications</i> . 205 (2018) , 3; 411-421	1,431 (2018.)	1,507 (2018.)	ENGINEERING, CHEMICAL	Q3	1,942 (2018.)
161.	Mumelaš, Martina; Otmačić Ćurković, Helena; Mikić, Dajana; Hranjec, Marijana; Cindrić, Maja. Benzimidazole derivatives as copper alloy corrosion inhibitors. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 513-523	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)

162.	Mutavdžić Pavlović, Dragana; Glavač, Antonija; Gluhak, Mihaela; Runje, Mislav. Sorption of albendazole in sediments and soils: isotherms and kinetics. // <i>Chemosphere</i> . 193 (2018); 635-644	5,108 (2018.)	5,089 (2018.)	ENVIRONMENTAL SCIENCES	Q1	2,245 (2018.)
163.	Očelić Bulatović, Vesna; Mihaljević, Antonia; Govorčin Bajsić, Emi. Mechanical and interfacial properties of compatibilized polyurethane blends. // <i>Polymer engineering and science</i> . 58 (2018), 11; 1911-1922	1,920 (2018.)	1,910 (2018.)	ENGINEERING, CHEMICAL	Q3	1,942 (2018.)
				POLYMER SCIENCE	Q2	1,839 (2018.)
164.	Pečar, Darja; Vasić-Rački, Đurđa; Vrsalović Presečki, Ana. Immobilization of glucose oxidase on eupergit C: impact of aeration, kinetic and operational stability studies of free and immobilized enzyme. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018), 4; 511-522	0,859 (2018.)	1,321 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,452 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
165.	Perin, Nataša; Alić, Jasna; Liekens, Sandra; Van Aerschot, Arthur; Vervaeke, Peter; Gadakh, Bharat; Hranjec, Marijana. Different positions of amide side chains on the benzimidazo[1, 2-a]quinoline skeleton strongly influenced biological activity. // <i>New journal of chemistry</i> . 42 (2018); 7096-7104	3,069 (2018.)	3,038 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,260 (2018.)
166.	Perin, Nataša; Roškarić, Petra; Sović, Irena; Boček, Ida; Starčević, Kristina; Hranjec, Marijana; Vianello, Robert. Amino-substituted benzamide derivatives as promising antioxidant agents: a combined experimental and computational study. // <i>Chemical research in toxicology</i> . 31 (2018), 9; 974-984	3,274 (2018.)	3,372 (2018.)	CHEMISTRY, MEDICINAL	Q2	2,530 (2018.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,260 (2018.)
				TOXICOLOGY	Q2	2,649 (2018.)
167.	Polovina, Saša; Vojtech, Merva; Dejanović, Igor; Grujić, Aleksandar S.; Stijepović, Mirko. Modeling a reaction section of a commercial continuous catalytic reformer. // <i>Energy & fuels</i> . 32 (2018), 5; 6378-6396	3,021 (2018.)	3,554 (2018.)	ENERGY & FUELS	Q3	3,021 (2018.)
				ENGINEERING, CHEMICAL	Q2	1,942 (2018.)
168.	Pustak, Anđela; Švab, Iztok; Govorčin Bajsić, Emi; Denac, Matjaž; Musil, Vojko; Šmit, Ivan. Polypropylene blends with m-EPR copolymers. structure, morphology and thermal properties. // <i>Polymer-plastics technology and engineering</i> . 57 (2018), 3; 229-241	1,705 (2018.)	-	POLYMER SCIENCE	Q3	1,839 (2018.)
169.	Racané, Livio; Ptiček, Lucija; Sedić, Mirela; Grbčić, Petra; Kraljević Pavelić, Sandra; Bertoša, Branimir; Sović, Irena; Karminski-Zamola, Grace. Eco-friendly synthesis, in vitro anti-proliferative evaluation and 3D-QSAR analysis of a novel series of monocationic 2-aryl/heteroaryl-substituted 6-(2-imidazolyl)benzothiazole mesylates. // <i>Molecular diversity</i> . 22 (2018), 3; 723-741	2,032 (2018.)	1,995 (2018.)	CHEMISTRY, APPLIED	Q2	1,649 (2018.)
				CHEMISTRY, MEDICINAL	Q3	2,530 (2018.)
				CHEMISTRY, MULTIDISCIPLINARY	Q3	2,260 (2018.)
170.	Radić, Gabrijele; Šajnović, Ivan; Petrović, Željka; Kraljić Roković, Marijana. Reduced graphene oxide/ α -Fe ₂ O ₃ fibres as active material for supercapacitor application. // <i>Croatica chemica acta</i> . 91 (2018), 4; 481-490	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)

171.	Ratković, Ana; Marinić, Željko; Škorić, Irena. Flow-photochemical synthesis of the functionalized benzobicyclo[3.2.1]octadiene skeleton. // <i>Journal of molecular structure</i> . 1168 (2018) ; 165-174	2,120 (2018.)	1,861 (2018.)	CHEMISTRY, PHYSICAL	Q3	2,492 (2018.)
172.	Ressler, Antonia; Ródenas-Rochina, Joaquin; Ivanković, Marica; Ivanković, Hrvoje; Rogina, Anamarija; Gallego Ferrer, Gloria. Injectable chitosan-hydroxyapatite hydrogels promote the osteogenic differentiation of mesenchymal stem cells. // <i>Carbohydrate polymers</i> . 197 (2018) ; 469-477	6,044 (2018.)	5,975 (2018.)	CHEMISTRY, APPLIED	Q1	1,649 (2018.)
				CHEMISTRY, ORGANIC	Q1	2,066 (2018.)
				POLYMER SCIENCE	Q1	1,839 (2018.)
173.	Rešček, Ana; Katančić, Zvonimir; Kratofil Krehula, Ljerka; Ščetar, Mario; Hrnjak-Murgić, Zlata; Galić, Kata. Development of double layered PE/PCL films for food packaging modified with zeolite and magnetite nanoparticles. // <i>Advances in polymer technology</i> . 37 (2018) , 3; 21727-1-21727-6	2,663 (2018.)	1,986 (2018.)	ENGINEERING, CHEMICAL	Q2	1,942 (2018.)
				POLYMER SCIENCE	Q2	1,839 (2018.)
174.	Rinčić Mlinarić, Marijana; Kanižaj, Lidija; Žuljević, Damir; Katić, Višnja; Špalj, Stjepan; Otmačić Čurković, Helena. Effect of oral antiseptics on the corrosion stability of nickel-titanium orthodontic alloys. // <i>Materials and corrosion</i> . 69 (2018) , 4; 510-518	1,458 (2018.)	1,501 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	2,269 (2018.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,361 (2018.)
175.	Rodič, Peter; Katić, Jozefina; Korte, Dorota; Desimone, Paula M.; Franko, Mladen; Cere, Silvia M.; Metikoš-Huković, Mirjana; Milošev, Ingrid. The effect of cerium ions on the structure, porosity and electrochemical properties of Si/Zr-based hybrid sol-gel coatings deposited on aluminum. // <i>Metals</i> . 8 (2018) , 4; 248-1-248-20	2,259 (2018.)	2,371 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	2,269 (2018.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,361 (2018.)
176.	Sačar, Denis; Spajić, Ivan; Kraljić Roković, Marijana; Mandić, Zoran. New insights into chemical and electrochemical functionalization of graphene oxide electrodes by o-phenylenediamine and their potential applications. // <i>Journal of materials science</i> . 53 (2018) ; 15285-15297	3,442 (2018.)	3,021 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,269 (2018.)
177.	Sander, Aleksandra; Antonije Koščak, Mihael; Kosir, Dominik; Milosavljević, Nikola; Parlov Vuković, Jelena; Magić, Lana. The influence of animal fat type and purification conditions on biodiesel quality. // <i>Renewable energy</i> . 118 (2018) ; 752-760	5,439 (2018.)	5,257 (2018.)	ENERGY & FUELS	Q1	3,021 (2018.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	2,811 (2018.)
178.	Sović, Irena; Jambon, Samy; Kraljević Pavelić, Sandra; Markova-Car, Elitza; Ilić, Nataša; Depauw, Sabine; David-Cordonnier, Marie-Hélène; Karminski-Zamola, Grace. Synthesis, antitumor activity and DNA binding features of benzothiazolyl and benzimidazolyl substituted isoindolines. // <i>Bioorganic & medicinal chemistry</i> . 26 (2018) , 8; 1950-1960	2,802 (2018.)	2,794 (2018.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q3	2,875 (2018.)
				CHEMISTRY, MEDICINAL	Q2	2,530 (2018.)
				CHEMISTRY, ORGANIC	Q2	2,066 (2018.)
179.	Sudar, Martina; Dejanović, Igor; Müller, Michael; Vasić-Rački, Đurđa; Findrik Blažević, Zvezdana.	0,859 (2018.)	1,321 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,452 (2018.)

	Application of chemical engineering methodology in process development: a case study of MenD-catalyzed synthesis of 6-cyano-4-oxohexanoic acid. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018), 4; 501-510			ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
180.	Sudar, Martina; Vasić-Rački, Đurđa; Müller, Michael; Walter, Alexandra; Findrik Blažević, Zvezdana. Mathematical model of the MenD-catalyzed 1,4-addition (Stetter Reaction) of α -ketoglutaric acid to acrylonitrile. // <i>Journal of biotechnology</i> . 268 (2018); 71-80	3,163 (2018.)	3,142 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q2	2,452 (2018.)
181.	Šagud, Ivana; Marinić, Željko; Škorić, Irena. Excited state reactions of β -pyridyl-o-divinylbenzenes as a pathway to versatile polycyclic compounds with the unusual entrapment of multiple isomerized dihydro-intermediates. // <i>Journal of molecular structure</i> . 1156 (2018); 182-192	2,120 (2018.)	1,861 (2018.)	CHEMISTRY, PHYSICAL	Q3	2,492 (2018.)
182.	Šagud, Ivana; Milašinović, Valentina; Molčanov, Krešimir; Marinić, Željko; Škorić, Irena. Synthesis, spectroscopic characterization and photophysical investigations of new di-(2/3)-pyridine-stilbenes; isomerism, nitrogen position influence and solvent effects. // <i>Journal of molecular structure</i> . 1171 (2018); 117-126	2,120 (2018.)	1,861 (2018.)	CHEMISTRY, PHYSICAL	Q3	2,492 (2018.)
183.	Šagud, Ivana; Šindler-Kulyk, Marija; Škorić, Irena; Kelava, Vanja; Marinić, Željko. Synthesis of naphthoxazoles by photocyclization of 4-/5-(phenylethenyl)oxazoles. // <i>European journal of organic chemistry</i> . 25 (2018); 3326-3335	3,029 (2018.)	2,683 (2018.)	CHEMISTRY, ORGANIC	Q2	2,066 (2018.)
184.	Šagud, Ivana; Šindler-Kulyk, Marija; Vojnović-Jandrić, Dragana; Marinić, Željko. Versatile photochemical reactivity of diverse substituted 2-, 4- and 5-(o-vinylstyryl)oxazoles. // <i>European journal of organic chemistry</i> . 28 (2018), 4; 515-524 (članak, znanstveni).	3,029 (2018.)	2,683 (2018.)	CHEMISTRY, ORGANIC	Q2	2,066 (2018.)
185.	Šagud, Ivana; Škorić, Irena. Photocatalytic oxygenation by water-soluble metalloporphyrins as a pathway to functionalized polycycles. // <i>International journal of photoenergy</i> . 2018 (2018); 1017957-1-1017957-8	2,026 (2018.)	1,754 (2018.)	CHEMISTRY, PHYSICAL	Q3	2,492 (2018.)
				ENERGY & FUELS	Q3	3,021 (2018.)
				OPTICS	Q2	1,961 (2018.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q3	2,170 (2018.)
186.	Šagud, Ivana; Škorić, Irena; Šindler-Kulyk, Marija. Excited state transformations of heterostilbenes: pathways to polycyclic skeleta. // <i>Comptes rendus Chimie</i> . 21 (2018); 1043-1052	2,366 (2018.)	2,176 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,260 (2018.)
187.	Šagud, Ivana; Zanolta, Debora; Perissutti, Beatrice; Passerini, Nadia; Škorić, Irena. Identification of degradation products of praziquantel during the mechanochemical activation. // <i>Journal of pharmaceutical and biomedical analysis</i> . 159 (2018); 291-295	2,983 (2018.)	3,054 (2018.)	CHEMISTRY, ANALYTICAL	Q2	2,193 (2018.)
				PHARMACOLOGY & PHARMACY	Q2	2,583 (2018.)

188.	Šalić, Anita; Jurinjak Tušek, Ana; Sander, Aleksandra; Zelić, Bruno. Lipase catalysed biodiesel synthesis with integrated glycerol separation in continuously operated microchips connected in series. // <i>New biotechnology</i> . 47 (2018) ; 80-88	3,739 (2018.)	3,949 (2018.)	BIOCHEMICAL RESEARCH METHODS	Q1	2,324 (2018.)
				BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q1	2,452 (2018.)
189.	Šalić, Anita; Zelić, Bruno. Synergy of microtechnology and biotechnology: microreactors as an effective tool for biotransformation processes. // <i>Food technology and biotechnology</i> . 56 (2018) , 4; 464-479	1,517 (2018.)	1,836 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,452 (2018.)
				FOOD SCIENCE & TECHNOLOGY	Q3	1,720 (2018.)
190.	Šoić, Ivana; Martinez, Sanja; Lipošćak, Ivana; Mikšić, Boris. Development of method for assessing efficiency of organic corrosion inhibitors in concrete reinforcement. // <i>Građevinar</i> . 70 (2018) , 5; 369-375	0,493 (2018.)	0,635 (2018.)	ENGINEERING, CIVIL	Q4	1,658 (2018.)
191.	Švab, Iztok; Pustak, Anđela; Denac, Matjaž; Sever Škapin, Andrijana; Leskovic, Mirela; Musil, Vojko; Šmit, Ivan. Polypropylene blends with m-EPR copolymers: mechanical and rheological properties. // <i>Acta chimica Slovenica</i> . 65 (2018) , 2; 344-353	1,076 (2018.)	0,964 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
192.	Tišma, Marina; Planinić, Mirela; Bucić-Kojić, Ana; Panjičko, Mario; Zupančič, Drago Gregor; Zelić, Bruno. Corn silage fungal-based solid-state pretreatment for enhanced biogas production in anaerobic co-digestion with cow manure. // <i>Bioresource technology</i> . 253 (2018) ; 220-226	6,669 (2018.)	6,589 (2018.)	AGRICULTURAL ENGINEERING	Q1	1,340 (2018.)
				BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q1	2,452 (2018.)
				ENERGY & FUELS	Q1	3,021 (2018.)
193.	Tomić, Tatjana; Babić, Sandra; Biošić, Martina; Uzorinac Nasipak, Nada; Čižmek, Ana-Marija. Determination of the Solvent Blue 35 dye in diesel fuel by solid phase extraction and high-performance liquid chromatography with ultraviolet detection. // <i>Dyes and pigments</i> . 150 (2018) ; 216-222	4,018 (2018.)	3,582 (2018.)	CHEMISTRY, APPLIED	Q1	1,649 (2018.)
				ENGINEERING, CHEMICAL	Q1	1,942 (2018.)
				MATERIALS SCIENCE, TEXTILES	Q1	0,746 (2018.)
194.	Ujević Andrijić, Željka; Cvetnić, Matija; Bolf, Nenad. Soft sensor models for a fractionation reformat plant using small and bootstrapped data set. // <i>Brazilian journal of chemical engineering</i> . 35 (2018) , 2; 745-756	0,790 (2018.)	1,548 (2018.)	ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
195.	Vidak, Andrej; Erceg, Nataša; Hasović, Elvedin; Odžak, Senad; Mešić, Vanes. Teaching about rolling motion: exploring the effectiveness of an extreme case reasoning approach. // <i>Journal of Baltic science education</i> . 17 (2018) , 3; 511-524	1,024 (2018.)	0,811 (2018.)	EDUCATION & EDUCATIONAL RESEARCH	Q3	1,479 (2018.)
196.	Vrsalović Presečki, Ana; Pintarić, Lela; Švarc, Anera; Vasić-Rački, Đurđa. Different strategies for multi-enzyme cascade reaction for chiral vic-1,2-diol production. // <i>Bioprocess and biosystems engineering</i> . 41 (2018) , 6; 793-802	2,371 (2018.)	2,277 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q3	2,452 (2018.)
				ENGINEERING, CHEMICAL	Q2	1,942 (2018.)

197.	Zagajski Kučan, Kristina; Perković, Marijana; Cmrk, Karlo; Načinović, Dominik; Rogošić, Marko. Betaine + (glycerol or ethylene glycol or propylene glycol) deep eutectic solvents for extractive purification of gasoline. // <i>ChemistrySelect</i> . 3 (2018), 44; 12582-12590	1,716 (2018.)	1,716 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,260 (2018.)
198.	Zdraveva, Emilija; Mijović, Budimir; Govorčin Bajić, Emi; Grozdanić, Vedrana. The efficacy of electrospun polyurethane fibers with TiO ₂ in a real time weathering condition. // <i>Textile research journal</i> . 88 (2018), 21; 2445-2453	1,613 (2018.)	1,808 (2018.)	MATERIALS SCIENCE, TEXTILES	Q1	0,746 (2018.)

SCOPUS – 2017.

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	Znanstveno područje časopisa prema Scopusu (Subject Area)
1.	Babić, Sandra; Ćurković, Lidija; Ljubas, Davor; Čizmić, Mirta. TiO ₂ assisted photocatalytic degradation of macrolide antibiotics. // <i>Current opinion in green and sustainable chemistry</i> . 6 (2017); 34-41	-	Chemical Engineering Chemistry Environmental Science
2.	Bačić, Ivana; Mandić, Vilko; Ćurković, Lidija; Otmačić-Ćurković, Helena; Kurajica, Stanislav. Thermal and structural studies of sol-gel-derived yttria-doped ZrO ₂ nanoparticles: Effect of annealing condition. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017), 1; 197-206	2,209 (2017.)	Physics and Astronomy Chemistry
3.	Begović Kovač, Erna; Hari, Vjeran. On the global convergence of the Jacobi method for symmetric matrices of order 4 under parallel strategies. // <i>Linear algebra and its applications</i> . 524 (2017); 199-234	0,972 (2017.)	Mathematics
4.	Begović Kovač, Erna; Kressner, Daniel. Structure-preserving low multilinear rank approximation of antisymmetric tensors. // <i>SIAM journal on matrix analysis and applications</i> . 38 (2017), 3; 967-983	1,682 (2017.)	Mathematics
5.	Biošić, Martina; Mitrevski, Marija; Babić, Sandra. Environmental behaviour of sulfadiazine, sulfamethazine and their metabolites. // <i>Environmental science and pollution research</i> . 24 (2017), 10; 9802-9812	2,800 (2017.)	Medicine Environmental Science
6.	Biošić, Martina; Škorić, Irena; Beganović, Jasmina; Babić, Sandra. Nitrofurantoin hydrolytic degradation in the environment. // <i>Chemosphere</i> . 186 (2017); 660-668	4,427 (2017.)	Medicine Chemistry Environmental Science
7.	Bistrović, Andrea; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Kraljević Pavelić, Sandra; Cetina, Mario; Raić-Malić, Silvana. Synthesis and anti-proliferative effects of mono- and bis-purinomimetics targeting kinases. // <i>International journal of molecular sciences</i> . 18 (2017), 11; 2292-1-2292-20	3,687 (2017.)	Medicine Computer Science Chemistry Biochemistry, Genetics and Molecular Biology Chemical Engineering
8.	Bistrović, Andrea; Stipanich, Nikolina; Opačak-Bernardi, Teuta; Jukić, Marijana; Martinez, Sanja; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Synthesis of 4-aryl-1,2,3-triazolyl appended natural coumarin-related compounds with antiproliferative, radical scavenging activities and intracellular ROS production modification. // <i>New journal of chemistry</i> . 41 (2017), 15; 7531-7543	3,201 (2017.)	Materials Science Chemistry Chemical Engineering
9.	Bocian, Szymon; Škrinjar, Tea; Bolanča, Tomislav; Buszewski, Bogusław.	1,087 (2017.)	Agricultural and Biological Sciences Chemistry

	How high pressure unifies solvation processes in liquid chromatography. // <i>Journal of AOAC international</i> . 100 (2017) , 6; 1647-1651		Pharmacology, Toxicology and Pharmaceutics Environmental Science
10.	Bolanča, Tomislav; Strahovnik, Tomislav; Ukić, Šime; Novak Stankov, Mirjana; Rogošić, Marko. Modeling of policies for reduction of GHG emissions in energy sector using ANN: case study-Croatia (EU). // <i>Environmental science and pollution research</i> . 24 (2017) , 19; 16172-16185	2,800 (2017.)	Medicine Environmental Science
11.	Bota, Josip; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Brozović, Maja; Hrnjak-Murđić, Zlata. Surface characteristics and enhancement of water vapour properties of paperboard coated with polycaprolactone nanocomposites. // <i>Journal of adhesion science and technology</i> . 31 (2017) , 5; 466-486	1,039 (2017.)	Engineering Materials Science Chemistry Physics and Astronomy
12.	Bota, Josip; Vukoje, Marina; Brozović, Maja; Hrnjak-Murđić, Zlata. Reduced water permeability of biodegradable PCL nanocomposite coated paperboard packaging. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 417-424	1,383 (2017.)	Chemistry Chemical Engineering Biochemistry, Genetics and Molecular Biology
13.	Botti, V.; Mazzucato, U.; Šindler-Kulyk, Marija; Spalletti A. Proton transfer in the ground and excited state and photobehaviour of the positional isomers of E-5-[2-(pyrid-n-yl)ethenyl]oxazole's (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 333 (2017) ; 33-39	2,891 (2017.)	Physics and Astronomy Chemical Engineering Chemistry
14.	Brnardić, Ivan; Ćurković, Lidija; Sofilić, Tahir; Mutavdžić Pavlović, Dragana; Matijašić, Gordana; Grčić, Ivana; Rađenović, Ankica. Removal of heavy metals and pharmaceuticals from contaminated water using waste sludge – kinetics and mechanisms. // <i>Clean-soil air water</i> . 45 (2017) , 7; 1600509-1-1600509-9	1,338 (2017.)	Environmental Science
15.	Bucić-Kojić, Ana; Šelo, Gordana; Zelić, Bruno; Planinić, Mirela; Tišma, Marina. Recovery of phenolic acid and enzyme production from corn silage biologically treated by <i>Trametes versicolor</i> . // <i>Applied biochemistry and biotechnology</i> . 181 (2017) , 3; 948-960	1,797 (2017.)	Medicine Biochemistry, Genetics and Molecular Biology Chemical Engineering Immunology and Microbiology
16.	Cindrić, Maja; Jambon, Samy; Harej, Anja; Depauw, Sabine; David-Cordonnier, Marie-Hélène; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Novel amidino substituted benzimidazole and benzothiazole benzo[b]thieno-2-carboxamides exert strong antiproliferative and DNA binding properties. // <i>European journal of medicinal chemistry</i> . 136 (2017) ; 468-479	4,816 (2017.)	Medicine Pharmacology, Toxicology and Pharmaceutics Chemistry
17.	Cindrić, Maja; Sović, Irena; Martin-Kleiner, Irena; Kralj, Marijeta; Mašek, Tomislav; Hranjec, Marijana; Starčević, Kristina. Synthesis, antioxidative and antiproliferative activity of methoxy amidino substituted benzamides and benzimidazoles. // <i>Medicinal chemistry research</i> . 26 (2017) , 9; 2024-2037	1,607 (2017.)	Pharmacology, Toxicology and Pharmaceutics Chemistry
18.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Đermadi, Jasna; Horvat, Sanja; Bolanča, Tomislav; Marin, Vedrana; Karamanis, Panagiotis; Lončarić Božić, Ana. Prediction of biodegradability of aromatics in water using QSAR modeling. // <i>Ecotoxicology and environmental safety</i> . 139 (2017) ; 139-149	3,974 (2017.)	Medicine Environmental Science
19.	Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Photooxidative degradation of pesticides in water; response surface modeling approach. // <i>Journal of advanced oxidation technologies</i> . 20 (2017) , 1; 20160172-1-20160172-14	0,901 (2017.)	Chemistry

20.	Čizmić, Mirta; Babić, Sandra; Kaštelan-Macan, Marija. Multi-class determination of pharmaceuticals in wastewaters by solid-phase extraction and liquid chromatography tandem mass spectrometry with matrix effect study. // <i>Environmental science and pollution research</i> . 24 (2017), 25; 20521-20539	2,800 (2017.)	Medicine
			Environmental Science
21.	Čizmić, Mirta; Ljubas, Davor; Ćurković, Lidija; Škorić, Irena; Babić, Sandra. Kinetics and degradation pathways of photolytic and photocatalytic oxidation of the anthelmintic drug praziquantel. // <i>Journal of hazardous materials</i> . 323 (2017), Part A; 500-512	6,434 (2017.)	Environmental Science
22.	Ćurković, Lidija; Žmak, Irena; Kurajica, Stanislav; Tonković, Martina Eva; Šokčević, Zrinka; Majić Renjo, Marijana. From eggshells biowaste to hydroxyapatite biomaterial. // <i>Materialwissenschaft und Werkstofftechnik</i> . 48 (2017), 8; 797-802	0,625 (2017.)	Engineering
			Materials Science
			Physics and Astronomy
23.	Dolar, Davor; Drašinc, Nina; Košutić, Krešimir; Škorić, Irena; Ašperger, Danijela. Adsorption of hydrophilic and hydrophobic pharmaceuticals on RO/NF membranes: Identification of interactions using FTIR. // <i>Journal of applied polymer science</i> . 134 (2017), 5; 44426-1-44426-12	1,901 (2017.)	Materials Science
			Chemistry
24.	Dražević, Emil; Košutić, Krešimir; Svalina, Marin; Catalano, Jacopo. Permeability of uncharged organic molecules in reverse osmosis desalination membranes. // <i>Water research</i> . 116 (2017); 13-22	7,051 (2017.)	Environmental Science
25.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017), 4; 375-383	1,383 (2017.)	Chemistry
			Chemical Engineering
			Biochemistry, Genetics and Molecular Biology
26.	Duplančić, Marina; Tomašić, Vesna; Kurajica, Stanislav; Minga, Iva; Maduna Valkaj, Karolina. A comparative study of toluene oxidation on different metal oxides. // <i>Chemical engineering transactions</i> . 57 (2017); 889-894	-	Chemical Engineering
27.	Fraguna, Fabio; Kraguljac, Kornelije; Vidović, Elvira; Jukić, Ante. Crystallization and pour point of solutions of the dispersant Poly(Styrene-Co-Methacrylate) viscosity modifiers in lubricating base oil. // <i>Tribology transactions</i> . 60 (2017), 6; 1063-1069	1,723 (2017.)	Engineering
			Materials Science
			Physics and Astronomy
28.	Fraguna, Fabio; Pötschke, Petra; Piontecka, Jürgen. Preparation of polystyrene nanocomposites with functionalized carbon nanotubes by melt and solution mixing: Investigation of dispersion, melt rheology, electrical and thermal properties. // <i>Polymer</i> . 132 (2017); 325-341	3,483 (2017.)	Materials Science
			Chemistry
29.	Fraguna, Fabio; Racar, Marko; Glasovac, Zoran; Jukić, Ante. Correlation method for conversion determination of biodiesel obtained from different alcohols by ¹ H NMR spectroscopy. // <i>Energy & fuels</i> . 31 (2017), 4; 3943-3948	3,024 (2017.)	Chemical Engineering
			Energy
30.	Ghoufi, Aziz; Dražević, Emil; Szymczyk, Anthony. Interactions of organics within hydrated selective layer of reverse osmosis desalination membrane: a combined experimental and computational study. // <i>Environmental science & technology</i> . 51 (2017), 5; 2714-2719	6,653 (2017.)	Chemistry
			Environmental Science
31.	Gilja, Vanja; Novaković, Katarina; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata; Kraljić Roković, Marijana; Žic, Mark. Stability and synergistic effect of polyaniline/TiO ₂ photocatalysts in degradation of Azo dye in wastewater. // <i>Nanomaterials</i> . 7 (2017), 12; 412-1-412-16	3,504 (2017.)	-
32.	Gopi, Sreerag; Balakrishnan, Preetha; Divya, Chandradhara; Valić, Srećko; Govorčin Bajsić, Emi; Pius, Anitha; Thomas, Sabu. Facile synthesis of chitin nanocrystal decorated on 3D cellulose aerogel as a new multi-functional material for waste water treatment with enhanced anti-bacterial and anti-oxidant properties. // <i>New journal of chemistry</i> . 41 (2017), 21; 12746-12755	3,201 (2017.)	Materials Science
			Chemistry
			Chemical Engineering

33.	Govorčin Bajsić, Emi; Filipan, Veljko; Holjevac Grgurić, Tamara; Grozdanić, Vedrana. Effect of micro and nano TiO ₂ on UV degradation behavior of TiO ₂ reinforced Polycaprolactone composites. // <i>Croatica chemica acta</i> . 90 (2017), 2; 297-306	0,705 (2017.)	Chemistry
34.	Govorčin Bajsić, Emi; Filipan, Veljko; Ocelić Bulatović, Vesna; Mandić, Vilko. The influence of filler treatment on the mechanical properties and phase behavior of thermoplastic polyurethane/polypropylene blends. // <i>Polymer bulletin</i> . 74 (2017), 8; 2939-2955	1,589 (2017.)	Materials Science Chemistry Physics and Astronomy
35.	Grčić, Ivana; Brnardić, Ivan; Mutavdžić Pavlović, Dragana; Mandić, Vilko; Papić, Sanja. Photocatalytic activity of synthesized titanate nanotubes and nanoribbons vs. commercial TiO ₂ under artificial solar and visible irradiation using 17β-estradiol as model micropollutant. // <i>Desalination and water treatment</i> . 67 (2017); 300-308	1,383 (2017.)	Engineering Environmental Science
36.	Grčić, Ivana; Erjavec, Boštjan; Vrsaljko, Domagoj; Guyon, Cedric; Tatoulian, Michael. Influence of plasma surface pretreatment and triarylmethane dye on the photocatalytic performance of TiO ₂ -chitosan coating on textile. // <i>Progress in organic coatings</i> . 105 (2017); 277-285	2,955 (2017.)	Materials Science Chemical Engineering Chemistry
37.	Grčić, Ivana; Koprivanac, Natalija; Andričević, Roko. Reliability study of laboratory scale water treatment by advanced oxidation processes. // <i>Environmental engineering and management journal</i> . 16 (2017), 1; 1-13	1,334 (2017.)	Environmental Science
38.	Grčić, Ivana; Li Puma, Gianluca. Six-flux absorption-scattering models for photocatalysis under wide-spectrum irradiation sources in annular and flat reactors using catalysts with different optical properties. // <i>Applied catalysis. B, Environmental</i> . 211 (2017); 222-234	11,698 (2017.)	Environmental Science Chemical Engineering
39.	Gregorić, Tomislav; Sedić, Mirela; Grbčić, Petra; Tomljenović Paravić, Andrea; Kraljević Pavelić, Sandra; Cetina, Mario; Vianello, Robert; Raić-Malić, Silvana. Novel pyrimidine-2,4-dione-1,2,3-triazole and furo[2, 3-d]pyrimidine-2-one-1,2,3-triazole hybrids as potential anti-cancer agents: Synthesis, computational and X-ray analysis and biological evaluation. // <i>European journal of medicinal chemistry</i> . 125 (2017); 1247-1267	4,816 (2017.)	Medicine Pharmacology, Toxicology and Pharmaceuticals Chemistry
40.	Hajdari Gretić, Zana; Rahelić, Tin; Vrsaljko, Domagoj. Materijali za izradu mikroreaktora. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 66 (2017), 11-12; 633-640	-	Chemical Engineering Chemistry
41.	Hari, Vjeran; Begović Kovač, Erna. Convergence of the cyclic and quasi-cyclic block Jacobi methods. // <i>Electronic transactions on numerical analysis</i> . 46 (2017); 107-147	1,138 (2017.)	Mathematics
42.	Herner, Željko; Kučić, Dajana; Zelić, Bruno. Biodegradation of imidacloprid by composting process. // <i>Chemical papers</i> . 71 (2017); 13-20	0,963 (2017.)	Engineering Chemical Engineering Materials Science Chemistry Biochemistry, Genetics and Molecular Biology
43.	Horak, Ema; Hranjec, Marijana; Vianello, Robert; Steinberg, Ivana. Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. // <i>Dyes and pigments</i> . 142 (2017); 108-115	3,767 (2017.)	Chemical Engineering
44.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Krištafor, Svjetlana; Karminski Zamola, Grace; Murković Steinberg, Ivana. Benzimidazole acrylonitriles as multifunctional push-pull chromophores: spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . 178 (2017); 225-233	2,880 (2017.)	Physics and Astronomy Chemistry
45.			Materials Science

	Hranjec, Marijana; Horak, Ema; Babić, Darko; Plavljanin, Sanela; Srdović, Zrinka; Murković Steinberg, Ivana; Vianello, Robert; Perin, Nataša. Fluorescent benzimidazo[1,2-a]quinolines: synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. // <i>New journal of chemistry</i> . 41 (2017) , 1; 358-371	3,201 (2017.)	Chemistry Chemical Engineering
46.	Jakovljević, Suzana; Alar, Vesna; Ivanković, Antonio. Electrochemical behaviour of PACVD TiN-coated CoCrMo medical alloy. // <i>Metals</i> . 7 (2017) , 7; 231-1-231-14	11,704 (2017.)	Materials Science
47.	Jelčić, Želimir; Mađuna, Karolina; Zrnčević, Stanka. Kinetics of catalytic peroxide oxidation of phenol over three-dimensional fractals. // <i>Industrial & engineering chemistry research</i> . 56 (2017) , 45; 12994-13009	3,141 (2017.)	Engineering Chemical Engineering Chemistry
48.	Jelčić, Želimir; Očelić Bulatović, Vesna; Jurkaš Marković, Kristina; Rek, Vesna. Multi-fractal morphology of un-aged and aged SBS polymer-modified bitumen. // <i>Plastics, rubber and composites</i> . 46 (2017) , 2; 77-98	0,848 (2017.)	Materials Science Chemical Engineering
49.	Jukić, Ante; Faraguna, Fabio; Franjić, Ivana; Kuzmić, Sunčica. Molecular interaction and viscometric behavior of mixtures of polyolefin and poly(styrene-co-dodecyl methacrylate-co-octadecyl methacrylate) rheology modifiers in solution of lubricating base oil. // <i>Journal of industrial and engineering chemistry</i> . 56 (2017) ; 270-276	4,841 (2017.)	Chemical Engineering
50.	Juretić Perišić, Daria; Belet, Alexandre; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Lončarić Božić, Ana. Comparative study on photocatalytic treatment of diclofenac: slurry vs. immobilized processes. // <i>Desalination and water treatment</i> . 81 (2017) ; 170-185	1,383 (2017.)	Engineering Environmental Science
51.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Mathematical modelling of polyphenol extraction by aqueous two-phase system in continuously operated macro- and micro-extractors. // <i>Separation science and technology</i> . 52 (2017) , 5; 864-875	1,200 (2017.)	Chemical Engineering Chemistry
52.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Catechol removal from aqueous media using laccase immobilized in different macro- and microreactor systems. // <i>Applied biochemistry and biotechnology</i> . 182 (2017) , 4; 1575-1590	1,797 (2017.)	Medicine Biochemistry, Genetics and Molecular Biology Chemical Engineering Immunology and Microbiology
53.	Kassal, Petar; Zubak, Marko; Scheipl, Gregor; Mohr, Gerhard J.; Steinberg, Matthew; Murković Steinberg, Ivana. Smart bandage with wireless connectivity for optical monitoring of pH. // <i>Sensors and actuators. B, Chemical</i> . 246 (2017) ; 455-460	5,667 (2017.)	Physics and Astronomy Materials Science Engineering
54.	Katančić, Zvonimir; Grčić, Ivana; Hrnjak-Murgić, Zlata. Kinetic study of thermal degradation of highimpact polystyrene nanocomposites with different flame retardants using isoconversional and model fitting methods. // <i>Croatica chemica acta</i> . 90 (2017) , 3; 401-411	0,705 (2017.)	Chemistry
55.	Katančić, Zvonimir; Šuka, Sniježana; Vrbat, Katarina; Tašić, Aleksandar, Hrnjak-Murgić, Zlata. Synthesis of Pedot/ZnO photocatalyst: Validation of photocatalytic activity by degradation of AZO RR45 dye under solar and UV-A irradiation. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 385-394	1,383 (2017.)	Chemistry Chemical Engineering Biochemistry, Genetics and Molecular Biology
56.	Katava, Robert; Zorko, Franjo; Mance, Ana Dunja; Otmačić Ćurković, Helena; Pavlović, Gordana. Synthesis and structure of 4-methyl-1-N-(p-tolyl)imidazole as organic corrosion inhibitor. // <i>Molecular crystals and liquid crystals</i> . 642 (2017) , 1; 29-37	0,633 (2017.)	Materials Science Chemistry Physics and Astronomy
57.	Katić, Jozefina; Metikoš-Huković, Mirjana; Šarić, Iva; Petravić, Mladen.		Materials Science

	Electronic structure and redox behavior of tin sulfide films potentiostatically formed on tin. // <i>Journal of the electrochemical society</i> . 164 (2017) , 7; C383-C389	3,662 (2017.)	Energy Chemistry
58.	Klarić, Miljenko; Pervan, Stjepan; Biošić, Martina. Influence of lyophilisation and oven-drying on extraction yield of oregonin from European black alder (<i>Alnus glutinosa</i> (L.) Gaertn.) Bark. // <i>Drvena industrija : znanstveno-stručni časopis za pitanja drvne tehnologije</i> . 68 (2017) , 3; 205-210	0,616 (2017.)	Agricultural and Biological Sciences
59.	Kosar, Vanja; Kraljević, Zlatko; Radović, Marina. Modeliranje procesa umreženja izolacije izoliranih vodiča energetskih kabela. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 66 (2017) , 11-12; 591-599	-	Chemical Engineering Chemistry
60.	Kovačić, Marin; Kušić, Hrvoje; Fanetti, Mattia; Lavrenčić Štangar, Urška; Valant, Matjaž; Dionysiou, Dionysios D.; Lončarić Božić, Ana. TiO ₂ -SnS ₂ nanocomposites: solar-active photocatalytic materials for water treatment. // <i>Environmental science and pollution research</i> . 24 (2017) , 24; 19965-19979	2,800 (2017.)	Medicine Environmental Science
61.	Kraljić Roković, Marijana; Ljubek, Gabrijela; Žic, Mark; Popović, Jasminka. Electrochemical characterisation of sol-gel derived SnO ₂ for supercapacitor application. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 289-295	0,705 (2017.)	Chemistry
62.	Kratofil Krehula, Ljerka; Papić, Ana; Krehula, Stjepko; Gilja, Vanja; Foglar, Lucija; Hrnjak-Murgić, Zlata. Properties of UV protective films of poly(vinylchloride)/TiO ₂ nanocomposites for food packaging. // <i>Polymer bulletin</i> . 74 (2017) , 4; 1387-1404	1,589 (2017.)	Materials Science Chemistry Physics and Astronomy
63.	Kučić, Dajana; Briški, Felicita. Emissions of gases during composting of solid waste. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 66 (2017) , 9-10; 467-474	-	Chemical Engineering Chemistry
64.	Kučić, Dajana; Kopčić, Nina; Briški, Felicita. Biodegradation of agro-industrial waste. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 369-374	1,383 (2017.)	Chemistry Chemical Engineering Biochemistry, Genetics and Molecular Biology
65.	Kučić, Dajana; Simonič, Marjana; Furač, Lidija. Batch adsorption of Cr (VI) ions from an aqueous solution on zeolite and agroindustrial waste: Equilibrium, kinetics and thermodynamic study. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 497-507	1,383 (2017.)	Chemistry Chemical Engineering Biochemistry, Genetics and Molecular Biology
66.	Kukučka, Miroslav; Kukučka Stojanović, Nikoleta; Foglar, Lucija. Enhancement of synthetic zeolite (Crystal-Right) adsorption characteristics toward NH ₄ ⁺ by regeneration. // <i>Desalination and water treatment</i> . 80 (2017) ; 326-336	1,383 (2017.)	Engineering Environmental Science
67.	Kurajica, Stanislav; Minga, Iva; Grčić, Ivana; Mandić, Vilko; Plodinec, Milivoj. The utilization of modified alkoxide as a precursor for solvothermal synthesis of nanocrystalline titania. // <i>Materials chemistry and physics</i> . 196 (2017) ; 194-204	2,210 (2017.)	Physics and Astronomy Materials Science
68.	Lučić Blagojević, Sanja; Zeljko, Martina; Kraljić Roković, Marijana. Utjecaj modifikacije višestjenih ugljikovih nanocjevčica na svojstva poliuretana: II. Mehanička svojstva, električna provodnost i toplinska postojanost. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 66 (2017) , 5-6; 241-248	-	Chemical Engineering Chemistry
69.	Lučić Blagojević, Sanja; Zeljko, Martina; Pustak, Anđela. Utjecaj modifikacije višestjenih ugljikovih nanocjevčica na svojstva poliuretana: I. Morfologija i toplinska svojstva. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 66 (2017) , 3-4; 119-128	-	Chemical Engineering Chemistry

70.	Macan, Jelena; Brcković, Lidija; Gajović, Andreja. Influence of preparation method and alumina content on crystallization and morphology of porous yttria stabilized zirconia. // <i>Journal of the European ceramic society</i> . 37 (2017) , 9; 3137-3149	3,794 (2017.)	Materials Science
71.	Macan, Jelena; Paljar, Klaudia; Burmas, Bruno; Špehar, Goran; Leskovac, Mirela; Gajović, Andreja. Epoxy-matrix composites filled with surface-modified SiO ₂ nanoparticles. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017) , 1; 399-408	2,209 (2017.)	Physics and Astronomy Chemistry
72.	Maduna, Karolina; Zrnčević, Stanka. Katalitička obrada fenolnih otpadnih voda. // <i>Hrvatske vode : časopis za vodno gospodarstvo</i> . 25 (2017) , 101; 149-158	-	Earth and Planetary Sciences
73.	Mandić, Zoran. Electrochemical methods in drug discovery and development. // <i>Bulgarian chemical communications</i> . 49 (2017) , SI C; 65-73	0,242 (2017.)	Chemistry
74.	Mešić, Andrijana; Šalić, Anita; Gregorić, Tomislav; Zelić, Bruno; Raić-Malić, Silvana. Continuous flow-ultrasonic synergy in click reactions for the synthesis of novel 1,2,3-triazolyl appended 4,5-unsaturated L-ascorbic acid derivatives. // <i>RSC Advances</i> . 7 (2017) , 2; 791-800	2,936 (2017.)	Chemical Engineering Chemistry
75.	Metikoš-Huković, Mirjana; Katić, Jozefina; Grubač, Zoran; Škugor-Rončević, Ivana. Electrochemistry of CoCrMo implant in Hanks' solution and Mott-Schottky probe of alloy's passive films. // <i>Corrosion</i> . 73 (2017) , 12; 1401-1412	1,927 (2017.)	Chemical Engineering Materials Science Chemistry
76.	Mihelić-Bogdanić, Alka; Budin, Rajka; Špelić, Ivana. Impact of hybrid system in polyester production. // <i>Cogent engineering</i> . 4 (2017) ; 1-14	-	Engineering Chemical Engineering Computer Science
77.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Grčić, Ivana; Šimić, Iva; Župan, Josip. Isotherm, kinetic and thermodynamic study of ciprofloxacin sorption on sediments. // <i>Environmental science and pollution research</i> . 24 (2017) , 11; 10091-10106	2,800 (2017.)	Medicine Environmental Science
78.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Macan, Jelena; Žižek, Krunoslav. Eggshell as a new biosorbent for the removal of the pharmaceuticals from aqueous solutions. // <i>Clean-soil air water</i> . 45 (2017) , 12; 1700082-1-1700082-14	1,338 (2017.)	Environmental Science
79.	Očelić Bulatović, Vesna; Mihaljević, Antonia; Govorčin Bajsić, Emi; Holjevac Grgurić, Tamara. Morphology and thermal behavior of TPU/PP blends modified with maleic anhydride grafted SEBS block copolymer. // <i>International polymer processing</i> . 32 (2017) , 1; 102-111	0,535 (2017.)	Engineering Chemical Engineering Materials Science
80.	Pandurić, Nikola; Šalić, Anita; Zelić, Bruno. Fully integrated biotransformation of fumaric acid by permeabilized baker's yeast cells with in situ separation of L-malic acid using ultrafiltration, acidification and electro dialysis. // <i>Biochemical engineering journal</i> . 125 (2017) ; 221-229	3,226 (2017.)	Environmental Science Biochemistry, Genetics and Molecular Biology Engineering Chemical Engineering
81.	Panjičko, Mario; Zupančič, Gregor Drago; Fanel, Lijana; Marinšek Logar, Romana; Tišma, Marina; Zelić, Bruno. Biogas production from brewery spent grain as a mono-substrate in a two-stage process composed of solid-state anaerobic digestion and granular biomass reactors. // <i>Journal of cleaner production</i> . 166 (2017) ; 519-529	5,651 (2017.)	Engineering Business, Management and Accounting Environmental Science
82.		4,816 (2017.)	Medicine

	Perin, Nataša; Bobanović, Kristina; Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Koštrun, Sanja; Gabelica Marković, Vesna; Brajša, Karmen; Hranjec, Marijana. Antiproliferative activity of amino substituted benzo[b]thieno[2,3-b]pyrido[1,2-a]benzimidazoles explored by 2D and 3D cell culture system. // <i>European journal of medicinal chemistry</i> . 125 (2017) ; 722-735		Pharmacology, Toxicology and Pharmaceutics
			Chemistry
83.	Perin, Nataša; Starčević, Kristina; Perić, Mihaela; Čipčić Paljetak, Hana; Matijašić, Mario; Stepanić, Višnja; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Synthesis and SAR study of novel amidino 2-substituted benzimidazoles as potential antibacterial agents. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 145-154	0,705 (2017.)	Chemistry
84.	Plavac, Bojan; Grčić, Ivana; Brnardić, Ivan; Grozdanić, Vedrana; Papić, Sanja. Kinetic study of salicylic acid photocatalytic degradation using sol-gel anatase thin film with enhanced long-term activity. // <i>Reaction kinetics mechanisms and catalysis</i> . 120 (2017) , 1; 385-401	1,515 (2017.)	Chemistry
			Chemical Engineering
85.	Racané, Livio; Cindrić, Maja; Perin, Nataša; Roškarić, Petra; Starčević, Kristina; Mašek, Tomislav; Maurić, Maja; Dogan, Jasna; Karminski-Zamola, Grace. Synthesis and antioxidative potency of novel amidino substituted benzimidazole and benzothiazole derivatives. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 187-195	0,705 (2017.)	Chemistry
86.	Racané, Livio; Sedić, Mirela; Ilić, Nataša; Aleksić, Maja; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace. Novel 2-thienyl- and 2-benzothienyl-substituted 6-(2-imidazolyl)benzothiazoles: synthesis; in vitro evaluation of antitumor effects and assessment of mitochondrial toxicity. // <i>Anti-cancer agents in medicinal chemistry</i> . 17 (2017) , 1; 57-66	2,556 (2017.)	Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
87.	Racar, Marko; Dolar, Davor; Košutić, Krešimir. Chemical cleaning of flat sheet ultrafiltration membranes fouled by effluent organic matter. // <i>Separation and purification technology</i> . 188 (2017) ; 140-146	3,927 (2017.)	Chemistry
			Chemical Engineering
88.	Racar, Marko; Dolar, Davor; Špehar, Ana; Košutić, Krešimir. Application of UF/NF/RO membranes for treatment and reuse of rendering plant wastewater. // <i>Process safety and environmental protection</i> . 105 (2017) ; 386-392	3,441 (2017.)	Engineering
			Chemical Engineering
			Environmental Science
89.	Racar, Marko; Dolar, Davor; Špehar, Ana; Kraš, Ana; Košutić, Krešimir. Optimization of coagulation with ferric chloride as a pretreatment for fouling reduction during nanofiltration of rendering plant secondary effluent. // <i>Chemosphere</i> . 181 (2017) ; 485-491	4,427 (2017.)	Medicine
			Chemistry
			Environmental Science
90.	Rogina, Anamarija; Antunović, Maja; Pribolšan, Lidija; Caput Mihalić, Katarina; Vukasović, Andreja; Ivković, Alan; Marijanović, Inga; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Human mesenchymal stem cells differentiation regulated by hydroxyapatite content within chitosan-based scaffolds under perfusion conditions. // <i>Polymers</i> . 9 (2017) , 9; 387-1-387-14	2,935 (2017.)	Materials Science
			Chemistry
91.	Rogina, Anamarija; Ressler, Antonia; Matić, Igor; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Cellular hydrogels based on pH-responsive chitosan-hydroxyapatite system. // <i>Carbohydrate polymers</i> . 166 (2017) ; 173-182	5,158 (2017.)	Materials Science
			Chemistry
92.	Saćer, Denis; Kralj, Magdalena; Sopčić, Suzana; Košević, Milica; Dekanski, Aleksandar; Kraljić Roković, Marijana. Supercapacitors based on graphene/pseudocapacitive materials. // <i>Journal of the Serbian chemical society</i> . 82 (2017) , 4; 411-416	0,797 (2017.)	Chemistry
93.	Sakač, Nikola; Karnaš, Maja; Jozanović, Marija; Medvidović-Kosanović, Martina; Martinez, Sanja; Macan, Jelena; Sak-Bosnar, Milan. Determination of anionic surfactants in real samples using low-cost and high sensitive solid contact surfactant sensor with MWCNTs as ion-to-electron transducer. // <i>Analytical methods</i> . 9 (2017) ; 2305-2314	2,073 (2017.)	Engineering
			Chemical Engineering
			Chemistry

94.	Salaeh, Subhan; Kovačić, Marin; Kosir, Dominik; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reuse of TiO ₂ -based catalyst for solar driven water treatment; thermal and chemical reactivation. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 333 (2017) ; 117-129	2,891 (2017.)	Physics and Astronomy
			Chemical Engineering
			Chemistry
95.	Sander, Aleksandra; Rogošić, Marko; Ferčec, Borna; Parlov Vuković, Jelena. Liquid-liquid equilibrium for the systems hydrocarbon-thiophene or pyridine-1-hexyl-3,5-dimethylpyridinium bis(trifluoromethylsulfonyl)imide. // <i>Separation science and technology</i> . 52 (2017) , 16; 2557-2572	1,200 (2017.)	Chemical Engineering
			Chemistry
96.	Stipković Babić, Maja; Ratković, Ana; Jukić, Marijana; Glavaš-Obrovac, Ljubica; Drenjančević, Domagoj; Raić-Malić, Silvana; Gazivoda Kraljević, Tatjana. Synthesis, cytostatic and antibacterial evaluations of novel 1,2,3-Triazolyl-tagged pyrimidine and Furo[2,3-d]pyrimidine derivatives. // <i>Croatia chemica acta</i> . 90 (2017) , 2; 197-205	0,705 (2017.)	Chemistry
97.	Šagud, Ivana; Levačić, Marko; Marinić, Željko; Škorić, Irena. Formation of polycyclic skeleton via photochemical transformations of new pyridyl- and thienylbutadiene derivatives. // <i>European journal of organic chemistry</i> . 2017 (2017) , 26; 3787-3794	2,882 (2017.)	Chemistry
98.	Špoljar, Maria; Lajtner, Jasna; Dražina, Tvrtko; Malekzadeh-Viayeh, Reza; Radanović, Ines; Zrinščak, Ivana; Fressl, Jelena; Matijašec, Dora. Disentangling food webs interactions in the littoral of temperate shallow lakes. // <i>Natura Croatica : periodicum Musei historiae naturalis Croatici</i> . 26 (2017) , 2; 145-166	-	Environmental Science
			Agricultural and Biological Sciences
99.	Tireli, Martina; Maračić, Silvija; Lukin, Stipe; Juribašić Kulcsar, Marina; Žilić, Dijana; Cetina, Mario; Halasz, Ivan; Raić-Malić, Silvana; Užarević, Krunoslav. Solvent-free copper-catalyzed click chemistry for the synthesis of novel N-heterocyclic hybrids based on quinolone and 1,2,3-triazole. // <i>Beilstein journal of organic chemistry</i> . 13 (2017) , 13; 2352-2363	2,330 (2017.)	Chemistry
100.	Tireli, Martina; Starčević, Kristina; Martinović, Tamara; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Antioxidative and antiproliferative activities of novel pyrindo[1,2-a]benzimidazoles. // <i>Molecular diversity</i> . 21 (2017) , 1; 201-210	2,229 (2017.)	Medicine
			Computer Science
			Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
			Chemical Engineering
101.	Tušek, Dragutin; Ašperger, Danijela; Bačić, Ivana; Ćurković, Lidija; Macan, Jelena. Environmentally acceptable sorbents of chemical warfare agent simulants. // <i>Journal of materials science</i> . 52 (2017) , 5; 2591-2604	2,993 (2017.)	Engineering
			Materials Science
102.	Vidović, Elvira; Fabio, Faraguna; Jukić, Ante. Influence of inorganic fillers on PLA crystallinity and thermal properties. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017) , 1; 371-380	2,209 (2017.)	Physics and Astronomy
			Chemistry
103.	Vrsalović, Mislav; Vrsalović Presečki, Ana. Atrial fibrillation and risk of cardiovascular events and mortality in patients with symptomatic peripheral artery disease: A meta-analysis of prospective studies. // <i>Clinical cardiology</i> . 40 (2017) , 12; 1231-1235	2,733 (2017.)	Medicine
104.	Vrsalović, Mislav; Vučur, Ksenija, Vrsalović Presečki, Ana; Fabijanić, Damir; Milošević, Milan. Impact of diabetes on mortality in peripheral artery disease: a meta-analysis. // <i>Clinical cardiology</i> . 40 (2017) , 5; 287-291	2,733 (2017.)	Medicine

105.	Vušak, Darko; Perin, Nataša; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana; Bertoša, Branimir. Synthesis and antiproliferative activity of amino substituted benzimidazo[1,2-a]quinolines as mesylate salts designed by 3D-QSAR analysis. // <i>Molecular diversity</i> . 21 (2017), 3; 621-636	2,229 (2017.)	Medicine
			Computer Science
			Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
106.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Effect of operating conditions on the performances of multichannel ceramic UF membranes for textile mercerization wastewater treatment. // <i>Environmental technology</i> . 38 (2017), 1; 65-77	1,666 (2017.)	Medicine
			Environmental Science
107.	Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Cindrić, Maja; Jarak, Ivana; Koštrun, Sanja; Karminski-Zamola, Grace; Gabelica Marković, Vesna; Hranjec, Marijana; Brajša, Karmen. Comparison of antitumor activity of some Benzothiophene and Thienothiophene Carboxanilides and Quinolones in 2D and 3D cell culture system. // <i>Croatica chemica acta</i> . 90 (2017), 3; 413-424	0,705 (2017.)	Chemistry
108.	Zupančič, Gregor Drago; Panjičko, Mario; Zelić, Bruno. Biogas production from brewery's yeast using and anaerobic sequencing batch reactor. // <i>Food technology and biotechnology</i> . 55 (2017), 2; 187-196	1,168 (2017.)	Engineering
			Chemical Engineering
			Agricultural and Biological Sciences
			Biochemistry, Genetics and Molecular Biology

SCOPUS – 2018.

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	Znanstveno područje časopisa prema Scopusu (Subject Area)
109.	Assarian, Arezoo; Martinez, Sanja. Improving polyaspartic anti-corrosion coating protective properties with the use of nano-silica. // <i>Acta chimica Slovenica</i> . 65 (2018), 3; 569-577	1,076 (2018.)	Chemistry
110.	Babić, Sandra; Biošić, Martina; Škorić, Irena. Transformation products of pharmaceuticals in the environment: formation and analysis. // <i>Current organic chemistry</i> . 22 (2018), 10; 987-1004	2,029 (2018.)	Chemistry
111.	Babić, Sandra; Mutavdžić Pavlović, Dragana; Biošić, Martina; Ašperger, Danijela; Škorić, Irena; Runje, Mislav. Fate of febantel in the aquatic environment - the role of abiotic elimination processes. // <i>Environmental science and pollution research</i> . 25 (2018); 28917-28927	2,914 (2018.)	Environmental Science
			Medicine
112.	Baranović, Ivana; Primc, Mirko; Trupčević, Goran. Bases of Feigin–Stoyanovsky's type subspaces for $C_1^1(1)$. // <i>Ramanujan journal</i> . 45 (2018), 1; 265-289	1,010 (2018.)	Mathematics
113.	Bedoić, Robert; Filipan, Veljko. Heating performance analysis of a geothermal heat pump working with different zeotropic and azeotropic mixtures. // <i>Journal of sustainable development of energy, water and environment systems</i> . 6 (2018), 2; 240-253	-	Energy
			Environmental Science
114.	Begović Kovač, Erna; Hari, Vjeran. Jacobi method for symmetric 4x4 matrices converges for every cyclic pivot strategy. // <i>Numerical algorithms</i> . 78 (2018), 3; 701-720	2,417 (2018.)	Mathematics
115.	Beneta, Antonija; Mutavdžić Pavlović, Dragana; Periša, Ivan; Petrović, Mira. Multiresidue GC-MS/MS pesticide analysis for evaluation of tea and herbal infusion safety. // <i>International journal of environmental analytical chemistry</i> . 98 (2018), 11; 987-1004	1,267 (2018.)	Environmental Science
			Chemistry
			Medicine
			Agricultural and Biological Sciences

116.	Bistrović, Andrea; Grbčić, Petra; Harej, Anja; Sedić, Mirela; Kraljević Pavelić, Sandra; Koštrun, Sanja; Plavec, Janez; Makuc, Damjan; Raić-Malić, Silvana. Small molecule purine and pseudopurine derivatives: synthesis, cytostatic evaluations and investigation of growth inhibitory effect in non-small cell lung cancer A549. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 33 (2018), 1; 271-285	4,027 (2018.)	Pharmacology, Toxicology and Pharmaceutics
			Medicine
117.	Bistrović, Andrea; Krstulović, Luka; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Koštrun, Sanja; Kraljević Pavelić, Sandra; Bajić, Miroslav; Raić-Malić, Silvana. Design, synthesis and biological evaluation of novel benzimidazole amidines as potent multi- target inhibitors for the treatment of non-small cell lung cancer. // <i>European journal of medicinal chemistry</i> . 143 (2018); 1616-1634	4,833 (2018.)	Pharmacology, Toxicology and Pharmaceutics
			Chemistry
			Medicine
118.	Bistrović, Andrea; Krstulović, Luka; Stolić, Ivana; Drenjančević, Domagoj; Talapko, Jasminka; Taylor, Martin; Kelly, John; Bajić, Miroslav; Raić-Malić, Silvana. Synthesis, anti-bacterial and anti-protozoal activities of amidinobenzimidazole derivatives and their interactions with DNA and RNA. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 33 (2018), 1; 1323-1334	4,027 (2018.)	Pharmacology, Toxicology and Pharmaceutics
			Medicine
119.	Budžaki, Sandra; Strelec, Ivica; Krnić, Mija; Alilović, Kristina; Tišma, Marina; Zelić, Bruno. Proximate analysis of cold-press oil cakes after biological treatment with <i>Trametes versicolor</i> and <i>Humicola grisea</i> . // <i>Engineering in life sciences</i> . 18 (2018), 12; 924-931	1,936 (2018.)	Environmental Science
			Chemical Engineering
			Biochemistry, Genetics and Molecular Biology
120.	Cindrić, Ines; Grčić, Ivana; Koprivanac, Natalija. The sensitization effect of waste toner powder in the photocatalytic degradation of surfactant sodium dodecylbenzene sulfonate over immobilized TiO ₂ -chitosan layer under UVC and solar irradiation. // <i>Reaction kinetics mechanisms and catalysis</i> . 124 (2018), 2; 905-930	1,428 (2018.)	Chemical Engineering
			Chemistry
121.	Cindrić, Maja; Perić, Mihaela; Kralj, Marijeta; Martin-Kleiner, Irena; David-Cordonnier, Marie-Hélène; Čipčić Paljetak, Hana; Matijašić, Mario; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Antibacterial and antiproliferative activity of novel 2-benzimidazolyl and 2- benzothiazolyl substituted benzo[b]thieno-2-carboxamides. // <i>Molecular diversity</i> . 22 (2018), 3; 637-646	2,032 (2018.)	Chemical Engineering
			Chemistry
			Biochemistry, Genetics and Molecular Biology
			Pharmacology, Toxicology and Pharmaceutics
			Medicine
			Computer Science
122.	Čizmić, Mirta; Ljubas, Davor; Škorić, Irena; Rožman, Marko; Ašperger, Danijela; Čurković, Lidija; Petrović, Mira; Babić, Sandra. Photolytic and photocatalytic degradation of febantel in aqueous media. // <i>Desalination and water treatment</i> . 104 (2018); 294-303	1,234 (2018.)	Engineering
			Environmental Science
123.	Čurković, Lidija; Ašperger, Danijela; Babić, Sandra; Župan, Josip. Adsorption of enrofloxacin onto natural zeolite: Kinetics, thermodynamics, isotherms and error analysis. // <i>Indian journal of chemical technology</i> . 25 (2018), 6; 565-571	0,614 (2018.)	Chemical Engineering
			Chemistry
124.	Dabić, Dario; Brkljačić, Lidija, Tandarić, Tana; Žinić, Mladen; Vianello, Robert; Frkanec, Leo; Kobetić, Renata. The metal effect on self-assembling of oxalamide gelators explored by mass spectrometry and DFT calculations. // <i>Journal of the American society for mass spectrometry</i> . 29 (2018), 1; 103-113	3,202 (2018.)	Chemistry
			Biochemistry, Genetics and Molecular Biology
125.	Dejanović, Igor; Halvorsen, Ivar J.; Jansen, Helmut; Olujić, Žarko. Hydraulic design of thermally coupled columns and a DWC for NGL fractionation plants. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018), 4; 391-400	0,859 (2018.)	Chemical Engineering
			Chemistry
			Biochemistry, Genetics and Molecular Biology
126.	Delač Marion, Ida; Čapeta, Davor; Pelić, Borna; Faraguna, Fabio; Gallardo, Aurelio; Pou, Pablo; Biel, Blanca; Vujičić, Nataša; Kralj, Marko. Atomic-scale defects and electronic properties of a transferred synthesized MoS ₂ monolayer. // <i>Nanotechnology</i> . 29 (2018), 30; 305703-1-305703-12	3,399 (2018.)	Chemical Engineering
			Chemistry
			Engineering
			Materials Science

127.	Dujella, Andrej; Gusić, Ivica; Petričević, Vinko; Tadić, Petra. Strong Eulerian triples. // <i>Glasnik matematički</i> . 53 (2018) , 1; 33-42	0,554 (2018.)	Mathematics
128.	Duplančić, Marina; Tomašić, Vesna; Gomzi, Zoran. Catalytic oxidation of toluene: comparative study over powder and monolithic manganese-nickel mixed oxide catalysts. // <i>Environmental technology</i> . 39 (2018) , 15; 2004-2016	1,918 (2018.)	Environmental Science Medicine
129.	Đokić, Maja; Bilandžić, Nina; Sedak, Marija; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav; Bolanča, Tomislav. Manganese concentrations in tissues and skin of three dolphin species stranded in the Croatian waters of the Adriatic Sea from 1995 to 2013. // <i>Bulletin of environmental contamination and toxicology</i> . 100 (2018) ; 317-323	1,650 (2018.)	Environmental Science Pharmacology, Toxicology and Pharmaceutics Medicine
130.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of chemical functionalization of carbon nanotubes on their dispersibility in alkyl methacrylate polymer matrix. // <i>Journal of applied polymer science</i> . 135 (2018) , 14; 46113-1-46113-11	2,188 (2018.)	Materials Science Chemistry
131.	Franjo, Mladen; Šalić, Anita; Zelić, Bruno. Microstructured devices for biodiesel production by transesterification. // <i>Biomass conversion and biorefinery</i> . 8 (2018) , 4; 1005-1020	2,326 (2018.)	Energy
132.	Gilja, Vanja; Kratožil Krehula, Ljerk; Katančić, Zvonimir; Krehula, Stjepko; Hrnjak-Murgić, Zlata; Travaš-Sejdić, Jadranka. Influence of titanium dioxide preparation method on photocatalytic degradation of organic dyes. // <i>Croatica chemica acta</i> . 91 (2018) , 3; 323-334	0,731 (2018.)	Chemistry
133.	Gilja, Vanja; Vrban, Ivan; Mandić, Vilko; Žic, Mark; Hrnjak-Murgić, Zlata. Preparation of a PANI/ZnO composite for efficient photocatalytic degradation of acid blue. // <i>Polymers</i> . 10 (2018) , 9; 940-1-940-17	3,164 (2018.)	Chemistry Materials Science
134.	Govorčin Bajsić, Emi; Zdraveva, Emilija. Photooxidative stability of polyurethane/polycarbonate blends. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018) , 2; 191-203	0,859 (2018.)	Chemical Engineering Chemistry Biochemistry, Genetics and Molecular Biology
135.	Grčić, Ivana; Koprivanac, Natalija Photocatalytic oxidation of azo dyes and oxalic acid in batch reactors and CSTR: introduction of photon absorption by dyes to kinetic models. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018) , 1; 71-81	0,859 (2018.)	Chemical Engineering Chemistry Biochemistry, Genetics and Molecular Biology
136.	Grčić, Ivana; Papić, Sanja; Brnardić, Ivan. Photocatalytic activity of TiO ₂ thin films: kinetic and efficiency study. // <i>International journal of chemical reactor engineering</i> . 16 (2018) , 1; 20160153-1-20160153-19	1,059 (2018.)	Chemical Engineering
137.	Grudić, Veselinka; Bošković, Ivana; Martinez, Sanja; Knežević, Bojana. Corrosion inhibition mild steel in NaCl solution in the presence of propolis extract. // <i>Macedonian journal of chemistry and chemical engineering</i> . 37 (2018) , 2; 203-213	0,644 (2018.)	Chemical Engineering Chemistry
138.	Havaić, Tanja; Đumbir, Ana-Maria; Gretić, Matija; Matijašić, Gordana; Žižek, Krunoslav. Droplet impact phenomena in fluidized bed coating process with a wurster insert. // <i>International journal of chemical engineering</i> . 2018 (2018) ; 4546230-1-4546230-11	-	Chemical Engineering
139.	Herceg, Srećko; Ujević Andrijić, Željka; Bolf, Nenad. Continuous estimation of the key components content in the isomerization process products. // <i>Chemical engineering transactions</i> . 69 (2018) ; 79-84	-	Chemical Engineering
140.	Holjevac Grgurić, Tamara; Manasijević, Dragan; Kožuh, Stjepan; Ivanić, Ivana; Anžel, Ivan; Kosec, Borut; Bizjak, Milan; Govorčin Bajsić, Emi; Balanović, Ljubiša; Gojić, Mirko. The effect of the processing parameters on the martensitic transformation of Cu-Al-Mn shape memory alloy. // <i>Journal of alloys and compounds</i> . 765 (2018) ; 664-676	4,175 (2018.)	Engineering Materials Science
141.	Horak, Ema; Kassal, Petar; Hranjec, Marijana; Steinberg Ivana.	6,393 (2018.)	Engineering Materials Science

	Benzimidazole functionalised Schiff bases: novel pH sensitive fluorescence turn-on chromoionophores for ion-selective optodes. // <i>Sensors and actuators. B, Chemical.</i> 258 (2018) ; 415-423		Physics and Astronomy
142.	Horak, Ema; Kassal, Petar; Murković Steinberg, Ivana. Benzimidazole as a structural unit in fluorescent chemical sensors: the hidden properties of a multifunctional heterocyclic scaffold. // <i>Supramolecular chemistry.</i> 30 (2018) , 10; 838-857	1,660 (2018.)	Chemistry
143.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Murković Steinberg, Ivana. Colourimetric and fluorimetric metal ion chemosensor based on a benzimidazole functionalised Schiff base. // <i>Supramolecular chemistry.</i> 30 (2018) , 10; 891-900	1,660 (2018.)	Chemistry
144.	Ivanišević, Irena; Rukavina, Vanja; Kassal, Petar; Milardović, Stjepan. Impact of weak organic acids on precipitation of poly(acrylic acid) stabilized silver nanoparticles; an electrochemical approach. // <i>Croatica chemica acta.</i> 91 (2018) , 4; 491-499	0,731 (2018.)	Chemistry
145.	Jakovljević, Ivana; Pehnc, Gordana; Vadić, Vladimira; Čačković, Mirjana; Tomašić, Vesna; Doko-Jelinić, Jagoda. Polycyclic aromatic hydrocarbons in PM ₁₀ , PM _{2.5} and PM ₁ particle fractions in an urban area. // <i>Air quality atmosphere and health.</i> 11 (2018) ; 843-854	2,297 (2018.)	Environmental Science
			Earth and Planetary Sciences
146.	Karadeniz, Bahar; Howarth, Ashlee J.; Stolar, Tomislav; Islamoglu, Timur; Dejanović, Igor; Tireli, Martina; Wasson, Megan C.; Moon, Su-Young; Farha, Omar K.; Friščić, Tomislav; Užarević, Krunoslav. Benign by Design: Green and Scalable Synthesis of zirconium UiO-metal-organic frameworks by water-assisted mechanochemistry. // <i>ACS sustainable chemistry & engineering.</i> 6 (2018) , 11; 15841-15849	6,970 (2018.)	Chemical Engineering
			Chemistry
			Environmental Science
			Energy
147.	Kassal, Petar; Horak, Ema; Sigurnjak, Marija; Steinberg, Matthew D.; Steinberg, Ivana. Wireless and mobile optical chemical sensors and biosensors. // <i>Reviews in analytical chemistry.</i> 37 (2018) , 4; 20170024-1-20170024-27	2,875 (2018.)	Chemistry
148.	Kassal, Petar; Steinberg, Matthew D.; Horak, Ema; Murković Steinberg, Ivana. Wireless fluorimeter for mobile and low cost chemical sensing: a paper based chloride assay. // <i>Sensors and actuators. B, Chemical.</i> 275 (2018) ; 230-236	6,393 (2018.)	Engineering
			Materials Science
			Physics and Astronomy
149.	Kassal, Petar; Steinberg, Matthew D.; Steinberg, Ivana Murković. Wireless chemical sensors and biosensors: a review. // <i>Sensors and actuators. B, Chemical.</i> 266 (2018) ; 228-245	6,393 (2018.)	Engineering
			Materials Science
			Physics and Astronomy
150.	Katančić, Zvonimir; Gavran, Iva; Smolković, Josipa; Hrnjak-Murgić, ZLata. Fly ash supported photocatalytic nanocomposite poly(3,4-ethylenedioxythiophene)/TiO ₂ for azo dye removal under simulated solar irradiation. // <i>Journal of applied polymer science.</i> 135 (2018) ; 46316-1-46316-12	2,188 (2018.)	Materials Science
			Chemistry
151.	Katić, Višnja; Ivanković Buljan, Zorana; Špalj, Stjepan; Otmačić Ćurković, Helena. Corrosion behavior of coated and uncoated nickel-titanium orthodontic wires in artificial saliva with short-term prophylactic fluoride treatment. // <i>International journal of electrochemical science.</i> 13 (2018) , 5; 4160-4170	1,284 (2018.)	Chemistry
152.	Kopitar, Dragana; Skenderi, Zenun; Matijašić, Gordana. Influence of nonwoven fabric pore sizes on water vapor resistance. // <i>Textile research journal.</i> 88 (2018) , 12; 1402-1412	1,613 (2018.)	Chemical Engineering
			Materials Science
153.	Kordić, Šimo; Matijašić, Gordana; Gretić, Matija. Prediction of particle size distribution of dronedarone hydrochloride in spiral jet mill using design of experiments. // <i>Chemical engineering communications.</i> 205 (2018) , 2; 197-206	1,431 (2018.)	Chemical Engineering
			Chemistry

154.	Kovačić, Marin; Katić, Jozefina; Kušić, Hrvoje; Lončarić Božić, Ana; Metikoš Huković, Mirjana. Elucidating the photocatalytic behavior of TiO ₂ -SnS ₂ composites based on their energy band structure. // <i>Materials</i> . 11 (2018) , 6; 1041-1-1041-19	2,972 (2018.)	Materials Science
155.	Kovačić, Marin; Kopčić, Nina; Kušić, Hrvoje; Lončarić Božić, Ana. Solar driven degradation of 17β-estradiol using composite photocatalytic materials and artificial irradiation source: Influence of process and water matrix parameters. // <i>Journal of photochemistry and photobiology A. Chemistry</i> . 361 (2018) ; 48-61	3,261 (2018.)	Chemical Engineering Chemistry Physics and Astronomy
156.	Kovačić, Marin; Kopčić, Nina; Kušić, Hrvoje; Štangar, Urška Lavrenčič; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reactivation and reuse of TiO ₂ -SnS ₂ composite catalyst for solar-driven water treatment. // <i>Environmental science and pollution research</i> . 25 (2018) , 3; 2538-2551	2,914 (2018.)	Environmental Science Medicine
157.	Krehula, Stjepko; Ristić, Mira; Wu, Chuchu; Li, Xuning; Jiang, Luhua; Wang, Junhu; Sun, Gongquan; Zhang, Tao; Perović, Marija; Bošković, Marko; Antić, Bratislav; Kratožil Krehula, Ljerka; Kobzi, Balázs; Kubuki, Shiro; Musić, Svetozar. Influence of Fe(III) doping on the crystal structure and properties of hydrothermally prepared β-Ni(OH) ₂ nanostructures. // <i>Journal of alloys and compounds</i> . 750 (2018) ; 687-695	4,175 (2018.)	Engineering Materials Science
158.	Kristan Mioč, Ekatarina; Hajdari Gretić, Zana; Otmačić Ćurković, Helena. Modification of cupronickel alloy surface with octadecylphosphonic acid self-assembled films for improved corrosion resistance. // <i>Corrosion science</i> . 134 (2018) ; 189-198	6,355 (2018.)	Chemical Engineering Chemistry Materials Science
159.	Kurajica, Stanislav; Macan, Jelena; Mandić, Vilko; Galjer, Matija; Mužina, Katarina; Plaisier, Jasper Rikkert. Reinforcing blade-cast photocatalytic-titania thin film by titanate nanotubes. // <i>Materials research bulletin</i> . 105 (2018) ; 142-148	3,355 (2018.)	Engineering Materials Science Physics and Astronomy
160.	Kurajica, Stanislav; Mandić, Vilko; Tomašić, Vesna; Duplančić, Marina; Matijašić, Gordana; Mužina, Katarina. Catalytic activity and related properties of sol-gel-derived manganese-doped gahnite. // <i>Journal of nanoparticle research</i> . 20 (2018) ; 178-1-178-12	2,009 (2018.)	Chemical Engineering Chemistry Materials Science Mathematics Physics and Astronomy
161.	Le Cunff, Jérôme; Tomašić, Vesna; Gomzi, Zoran. Photocatalytic degradation of terbuthylazine: Modelling of a batch recirculating device. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 353 (2018) ; 159-170	3,261 (2018.)	Chemical Engineering Chemistry Physics and Astronomy
162.	Lukin, Stipe; Tireli, Martina; Lončarić, Ivor; Barišić, Dajana; Šket, Primož; Vrsaljko, Domagoj; di Michiel, Marco; Plavec, Janez; Užarević, Krunoslav; Halasz, Ivan. Mechanochemical carbon-carbon bond formation that proceeds via a cocrystal intermediate. // <i>Chemical communications</i> . 54 (2018) ; 13216-13219	6,164 (2018.)	Chemical Engineering Chemistry Materials Science
163.	Ljubas, Davor; Čizmić, Mirta; Vrbat, Katarina; Stipaničev, Draženka; Repec, Siniša; Ćurković, Lidija; Babić, Sandra. Albendazole degradation possibilities by UV-based advanced oxidation processes. // <i>International journal of photoenergy</i> . 2018 (2018) ; 6181747-1-6181747-6	2,026 (2018.)	Chemistry Energy Materials Science Physics and Astronomy
164.	Maduna, Karolina; Kumar, Narendra; Aho, Atte; Wärnå, Johan; Zrnčević, Stanka; Murzin, Dmitry Yu. Kinetics of catalytic wet peroxide oxidation of phenolics in olive oil mill wastewaters over copper catalysts. // <i>ACS Omega</i> . 3 (2018) , 7; 7247-7260	2,584 (2018.)	Chemical Engineering Chemistry
165.	Margeta, Dunja; Faraguna, Fabio; Sertić-Bionda, Katica; Jukić, Ante. Modeling of dibenzothiophene oxidative desulfurization using response surface methodology. // <i>Petroleum science and technology</i> . 36 (2018) , 1; 68-74	1,070 (2018.)	Chemical Engineering Chemistry Energy Earth and Planetary Sciences

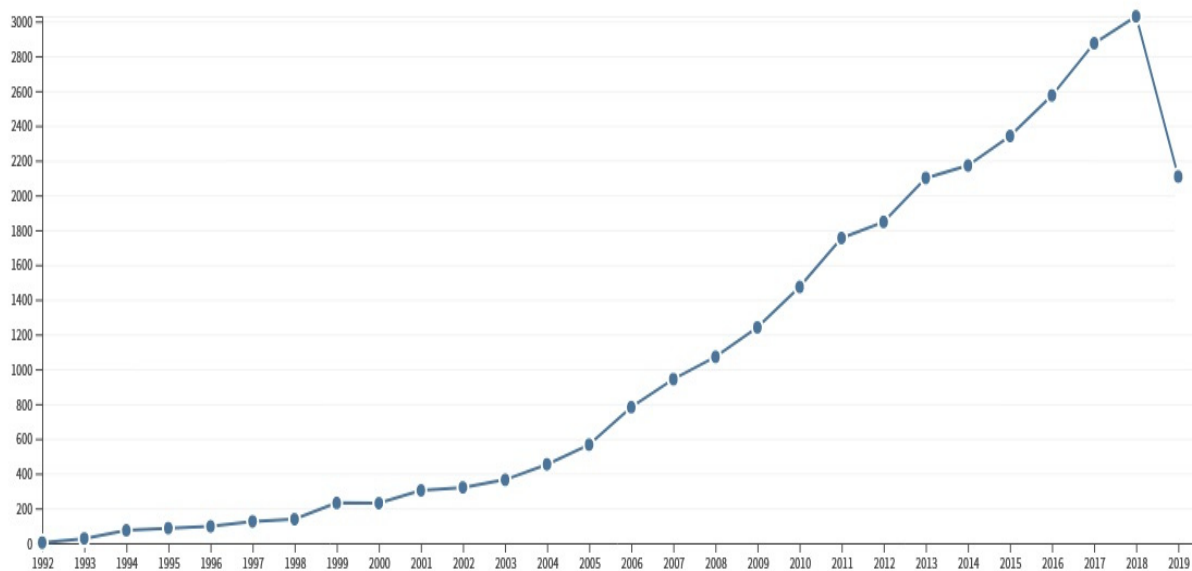
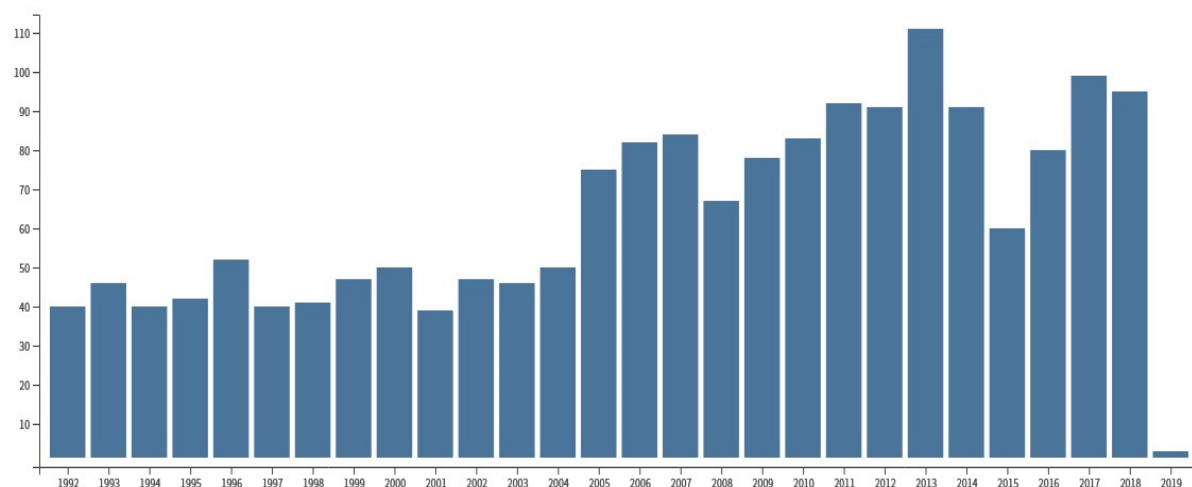
166.	Markić, Marinko; Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Influence of process parameters on the effectiveness of photooxidative treatment of pharmaceuticals. // <i>Journal of environmental science and health. Part A: Toxic/hazardous substances & environmental engineering.</i> 53 (2018) , 4; 338-351	1,536 (2018.)	Environmental Science
			Medicine
167.	Marušić, Katarina; Otmačić Ćurković, Helena. Self-assembling monolayers of stearic acid in protection of steel. // <i>Croatica chemica acta.</i> 91 (2018) , 4; 427-433	0,731 (2018.)	Chemistry
168.	Marušić, Katarina; Otmačić Ćurković, Helena; Supnišek Lisac, Ema; Takenouti, Hisasi. Two imidazole based corrosion inhibitors for protection of bronze from urban atmospheres. // <i>Croatica chemica acta.</i> 91 (2018) , 4; 435-446	0,731 (2018.)	Chemistry
169.	Mašek, Tomislav; Perin, Nataša; Racané, Livio; Cindrić, Maja; Čipčić Paljetak, Hana; Perić, Mihaela; Matijašić, Mario; Verbanac, Donatella; Radić, Božo; Šuran, Jelena; Starčević, Kristina. Chemical composition, antioxidant and antibacterial activity of different extracts of poplar type propolis. // <i>Croatica chemica acta.</i> 91 (2018) , 1; 81-88	0,731 (2018.)	Chemistry
170.	Mazzucato, Ugo; Pannacci, Danilo; Šindler-Kulyk, Marija; Butković, Kristina; Spalletti, Anna. Spectral properties and photoreactivity of sydnonyl-stilbenes. // <i>Journal of photochemistry and photobiology. A, Chemistry.</i> 351 (2018) ; 124-130	3,261 (2018.)	Chemical Engineering
			Chemistry
			Physics and Astronomy
171.	Milardović, Stjepan; Ivanišević, Irena; Rogina, Anamarija; Kassal, Petar. Synthesis and electrochemical characterization of AgNP ink suitable for inkjet printing. // <i>International journal of electrochemical science.</i> 13 (2018) , 11; 11136-11149	1,284 (2018.)	Chemistry
172.	Milovac, Dajana; Weigand, Ivna; Kovačić, Marin; Ivanković, Marica; Ivanković, Hrvoje. Highly porous hydroxyapatite derived from cuttlefish bone as TiO ₂ catalyst support. // <i>Processing and applications of ceramics.</i> 12 (2018) , 2; 136-142	0,976 (2018.)	Materials Science
173.	Mohler, Ivan; Ujević Andrijić, Željka; Bolf, Nenad. Soft sensors model optimization and application for the refinery real-time prediction of toluene content. // <i>Chemical engineering communications.</i> 205 (2018) , 3; 411-421	1,431 (2018.)	Chemical Engineering
			Chemistry
174.	Mumelaš, Martina; Otmačić Ćurković, Helena; Mikić, Dajana; Hranjec, Marijana; Cindrić, Maja. Benzimidazole derivatives as copper alloy corrosion inhibitors. // <i>Croatica chemica acta.</i> 91 (2018) , 4; 513-523	0,731 (2018.)	Chemistry
175.	Mutavdžić Pavlović, Dragana; Glavač, Antonija; Gluhak, Mihaela; Runje, Mislav. Sorption of albendazole in sediments and soils: isotherms and kinetics. // <i>Chemosphere.</i> 193 (2018) ; 635-644	5,108 (2018.)	Chemistry
			Environmental Science
			Medicine
176.	Očelić Bulatović, Vesna; Mihaljević, Antonia; Govorčin Bajsić, Emi. Mechanical and interfacial properties of compatibilized polyurethane blends. // <i>Polymer engineering and science.</i> 58 (2018) , 11; 1911-1922	1,920 (2018.)	Chemistry
			Materials Science
177.	Pečar, Darja; Vasić-Rački, Đurđa; Vrsalović Presečki, Ana. Immobilization of glucose oxidase on eupergit C: impact of aeration, kinetic and operational stability studies of free and immobilized enzyme. // <i>Chemical and biochemical engineering quarterly.</i> 32 (2018) , 4; 511-522	0,859 (2018.)	Chemical Engineering
			Chemistry
			Biochemistry, Genetics and Molecular Biology
178.	Perin, Nataša; Alić, Jasna; Liekens, Sandra; Van Aerschot, Arthur; Vervaeke, Peter; Gadakh, Bharat; Hranjec, Marijana. Different positions of amide side chains on the benzimidazo[1, 2-a]quinoline skeleton strongly influenced biological activity. // <i>New journal of chemistry.</i> 42 (2018) ; 7096-7104	3,069 (2018.)	Chemical Engineering
			Chemistry
			Materials Science
179.	Perin, Nataša; Roškarić, Petra; Sović, Irena; Boček, Ida; Starčević, Kristina; Hranjec, Marijana; Vianello, Robert.	3,274 (2018.)	Pharmacology, Toxicology and Pharmaceutics

	Amino-substituted benzamide derivatives as promising antioxidant agents: a combined experimental and computational study. // <i>Chemical research in toxicology</i> . 31 (2018) , 9; 974-984		Medicine
180.	Polovina, Saša; Vojtech, Merva; Dejanović, Igor; Grujić, Aleksandar S.; Stijepović, Mirko. Modeling a reaction section of a commercial continuous catalytic reformer. // <i>Energy & fuels</i> . 32 (2018) , 5; 6378-6396	3,021 (2018.)	Chemical Engineering Energy
181.	Pustak, Anđela; Švab, Iztok; Govorčin Bajsić, Emi; Denac, Matjaž; Musil, Vojko; Šmit, Ivan. Polypropylene blends with m-EPR copolymers. structure, morphology and thermal properties. // <i>Polymer-plastics technology and engineering</i> . 57 (2018) , 3; 229-241	1,705 (2018.)	Chemical Engineering Materials Science
182.	Racané, Livio; Ptiček, Lucija; Sedić, Mirela; Grbčić, Petra; Kraljević Pavelić, Sandra; Bertoša, Branimir; Sović, Irena; Karminski-Zamola, Grace. Eco-friendly synthesis, in vitro anti- proliferative evaluation and 3D-QSAR analysis of a novel series of monocationic 2-aryl/heteroaryl-substituted 6-(2- imidazoliny)benzothiazole mesylates. // <i>Molecular diversity</i> . 22 (2018) , 3; 723-741	2,032 (2018.)	Chemical Engineering Chemistry Biochemistry, Genetics and Molecular Biology Pharmacology, Toxicology and Pharmaceutics Medicine Computer Science
183.	Radić, Gabrijela; Šajnović, Ivan; Petrović, Željka; Kraljić Roković, Marijana. Reduced graphene oxide/ α -Fe ₂ O ₃ fibres as active material for supercapacitor application. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 481-490	0,731 (2018.)	Chemistry
184.	Ratković, Ana; Marinić, Željko; Škorić, Irena. Flow-photochemical synthesis of the functionalized benzobicyclo[3.2.1]octadiene skeleton. // <i>Journal of molecular structure</i> . 1168 (2018) ; 165-174	2,120 (2018.)	Chemistry
185.	Ressler, Antonia; Ródenas-Rochina, Joaquin; Ivanković, Marica; Ivanković, Hrvoje; Rogina, Anamarija; Gallego Ferrer, Gloria. Injectable chitosan-hydroxyapatite hydrogels promote the osteogenic differentiation of mesenchymal stem cells. // <i>Carbohydrate polymers</i> . 197 (2018) ; 469-477	6,044 (2018.)	Chemistry Materials Science
186.	Rešček, Ana; Katančić, Zvonimir; Kratožil Krehula, Ljerka; Ščetar, Mario; Hrnjak-Murgić, Zlata; Galić, Kata. Development of double layered PE/PCL films for food packaging modified with zeolite and magnetite nanoparticles. // <i>Advances in polymer technology</i> . 37 (2018) , 3; 21727-1-21727-6	2,663 (2018.)	Chemical Engineering Chemistry Materials Science
187.	Rinčić Mlinarić, Marijana; Kanižaj, Lidija; Žuljević, Damir; Katić, Višnja; Špalj, Stjepan; Otmačić Ćurković, Helena. Effect of oral antiseptics on the corrosion stability of nickel-titanium orthodontic alloys. // <i>Materials and corrosion</i> . 69 (2018) , 4; 510-518	1,458 (2018.)	Engineering Materials Science Environmental Science
188.	Rodić, Peter; Katić, Jozefina; Korte, Dorota; Desimone, Paula M.; Franko, Mladen; Cere, Silvia M.; Metikoš-Huković, Mirjana; Milošev, Ingrid. The effect of cerium ions on the structure, porosity and electrochemical properties of Si/Zr-based hybrid sol-gel coatings deposited on aluminum. // <i>Metals</i> . 8 (2018) , 4; 248-1-248-20	2,259 (2018.)	Materials Science
189.	Sačer, Denis; Spajić, Ivan; Kraljić Roković, Marijana; Mandić, Zoran. New insights into chemical and electrochemical functionalization of graphene oxide electrodes by o-phenylenediamine and their potential applications. // <i>Journal of materials science</i> . 53 (2018) ; 15285-15297	3,442 (2018.)	Engineering Materials Science
190.	Sander, Aleksandra; Antonije Koščak, Mihael; Kosir, Dominik; Milosavljević, Nikola; Parlov Vuković, Jelena; Magić, Lana. The influence of animal fat type and purification conditions on biodiesel quality. // <i>Renewable energy</i> . 118 (2018) ; 752-760	5,439 (2018.)	Energy
191.	Sović, Irena; Jambon, Samy; Kraljević Pavelić, Sandra; Markova-Car, Elitza; Ilić, Nataša; Depauw, Sabine; David-Cordonnier, Marie-Hélène; Karminski-Zamola, Grace.	2,802 (2018.)	Chemistry Pharmacology, Toxicology and Pharmaceutics

	Synthesis, antitumor activity and DNA binding features of benzothiazolyl and benzimidazolyl substituted isoindolines. // <i>Bioorganic & medicinal chemistry</i> . 26 (2018) , 8; 1950-1960		Biochemistry, Genetics and Molecular Biology
192.	Sudar, Martina; Dejanović, Igor; Müller, Michael, Vasić-Rački, Đurđa; Findrik Blažević, Zvezdana. Application of chemical engineering methodology in process development: a case study of MenD-catalyzed synthesis of 6-cyano-4-oxohexanoic acid. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018) , 4; 501-510	0,859 (2018.)	Chemical Engineering Chemistry Biochemistry, Genetics and Molecular Biology
193.	Sudar, Martina; Vasić-Rački, Đurđa; Müller, Michael; Walter, Alexandra; Findrik Blažević, Zvezdana. Mathematical model of the MenD-catalyzed 1,4-addition (Stetter Reaction) of α -ketoglutaric acid to acrylonitrile. // <i>Journal of biotechnology</i> . 268 (2018) ; 71-80	3,163 (2018.)	Chemical Engineering Biochemistry, Genetics and Molecular Biology Immunology and Microbiology Medicine
194.	Šagud, Ivana; Marinić, Željko; Škorić, Irena. Excited state reactions of β -pyridyl-o-divinylbenzenes as a pathway to versatile polycyclic compounds with the unusual entrapment of multiple isomerized dihydro-intermediates. // <i>Journal of molecular structure</i> . 1156 (2018) ; 182-192	2,120 (2018.)	Chemistry
195.	Šagud, Ivana; Milašinović, Valentina; Molčanov, Krešimir; Marinić, Željko; Škorić, Irena. Synthesis, spectroscopic characterization and photophysical investigations of new di-(2/3)- pyridine-stilbenes; isomerism, nitrogen position influence and solvent effects. // <i>Journal of molecular structure</i> . 1171 (2018) ; 117-126	2,120 (2018.)	Chemistry
196.	Šagud, Ivana; Šindler-Kulyk, Marija; Škorić, Irena; Kelava, Vanja; Marinić, Željko. Synthesis of naphthoxazoles by photocyclization of 4-/5-(phenylethenyl)oxazoles. // <i>European journal of organic chemistry</i> . 25 (2018) ; 3326-3335	3,029 (2018.)	Chemistry
197.	Šagud, Ivana; Šindler-Kulyk, Marija; Vojnović-Jandrić, Dragana; Marinić, Željko. Versatile photochemical reactivity of diverse substituted 2-, 4- and 5-(o-vinylstyryl)oxazoles. // <i>European journal of organic chemistry</i> . 28 (2018) , 4; 515-524 (članak, znanstveni).	3,029 (2018.)	Chemistry
198.	Šagud, Ivana; Škorić, Irena. Photocatalytic oxygenation by water-soluble metalloporphyrins as a pathway to functionalized polycycles. // <i>International journal of photoenergy</i> . 2018 (2018) ; 1017957-1-1017957-8	2,026 (2018.)	Chemistry Energy Materials Science Physics and Astronomy
199.	Šagud, Ivana; Škorić, Irena; Šindler-Kulyk, Marija. Excited state transformations of heterostilbenes: pathways to polycyclic skeleta. // <i>Comptes rendus Chimie</i> . 21 (2018) ; 1043-1052	2,366 (2018.)	Chemical Engineering Chemistry
200.	Šagud, Ivana; Zanolli, Debora; Perissutti, Beatrice; Passerini, Nadia; Škorić, Irena. Identification of degradation products of praziquantel during the mechanochemical activation. // <i>Journal of pharmaceutical and biomedical analysis</i> . 159 (2018) ; 291-295	2,983 (2018.)	Chemistry Pharmacology, Toxicology and Pharmaceutics Biochemistry, Genetics and Molecular Biology
201.	Šalić, Anita; Jurinjak Tušek, Ana; Sander, Aleksandra; Zelić, Bruno. Lipase catalysed biodiesel synthesis with integrated glycerol separation in continuously operated microchips connected in series. // <i>New biotechnology</i> . 47 (2018) ; 80-88	3,739 (2018.)	Chemical Engineering Biochemistry, Genetics and Molecular Biology Medicine
202.	Šalić, Anita; Zelić, Bruno. Synergy of microtechnology and biotechnology: microreactors as an effective tool for biotransformation processes. // <i>Food technology and biotechnology</i> . 56 (2018) , 4; 464-479	1,517 (2018.)	Chemical Engineering Biochemistry, Genetics and Molecular Biology Engineering Agricultural and Biological Sciences

203.	Šoić, Ivana; Martinez, Sanja; Lipoščak, Ivana; Mikšić, Boris. Development of method for assessing efficiency of organic corrosion inhibitors in concrete reinforcement. // <i>Građevinar</i> . 70 (2018) , 5; 369-375	0,493 (2018.)	Engineering
204.	Špoljar, Maria; Dražina, Tvrtko; Lajtner, Jasna; Kovačević, Goran; Pestić, Ana; Matijašec, Dora; Tomljanović, Tea. Impact of water level fluctuation in shaping of zooplankton assemblage in shallow lake. // <i>Ribarstvo</i> . 76 (2018) ; 175-186	-	Agricultural and Biological Sciences
			Environmental Science
205.	Švab, Iztok; Pustak, Andela; Denac, Matjaž; Sever Škapin, Andrijana; Leskovic, Mirela; Musil, Vojko; Šmit, Ivan. Polypropylene blends with m-EPR copolymers: mechanical and rheological properties. // <i>Acta chimica Slovenica</i> . 65 (2018) , 2; 344-353	1,076 (2018.)	Chemistry
206.	Tišma, Marina; Planinić, Mirela; Bucić-Kojić, Ana; Panjičko, Mario; Zupančič, Drago Gregor; Zelić, Bruno. Corn silage fungal-based solid-state pretreatment for enhanced biogas production in anaerobic co-digestion with cow manure. // <i>Bioresource technology</i> . 253 (2018) ; 220-226	6,669 (2018.)	Chemical Engineering
			Energy
			Environmental Science
			Medicine
207.	Tomić, Tatjana; Babić, Sandra; Biošić, Martina; Uzorinac Nasipak, Nada; Čižmek, Ana-Marija. Determination of the Solvent Blue 35 dye in diesel fuel by solid phase extraction and high-performance liquid chromatography with ultraviolet detection. // <i>Dyes and pigments</i> . 150 (2018) ; 216-222	4,018 (2018.)	Chemical Engineering
208.	Ujević Andrijić, Željka; Cvetnić, Matija; Bolf, Nenad. Soft sensor models for a fractionation reformate plant using small and bootstrapped data set. // <i>Brazilian journal of chemical engineering</i> . 35 (2018) , 2; 745-756	0,790 (2018.)	Chemical Engineering
209.	Vidak, Andrej; Erceg, Nataša; Hasović, Elvedin; Odžak, Senad; Mešić, Vanes. Teaching about rolling motion: exploring the effectiveness of an extreme case reasoning approach. // <i>Journal of Baltic science education</i> . 17 (2018) , 3; 511-524	1,024 (2018.)	Social Science
210.	Vidak, Andrej; Odžak, Senad; Mešić, Vanes. Teaching about Gauss's law by combining analogical and extreme case reasoning. // <i>Journal of Turkish science education</i> . 15 (2018) , 3; 106-127	-	Social Science
			Psychology
211.	Vrsalović Presečki, Ana; Pintarić, Lela; Švarc, Anera; Vasić-Rački, Đurđa. Different strategies for multi-enzyme cascade reaction for chiral vic-1,2-diol production. // <i>Bioprocess and biosystems engineering</i> . 41 (2018) , 6; 793-802	2,371 (2018.)	Chemical Engineering
			Biochemistry, Genetics and Molecular Biology
			Medicine
212.	Zagajski Kučan, Kristina; Perković, Marijana; Cmrk, Karlo; Načinović, Dominik; Rogošić, Marko. Betaine + (glycerol or ethylene glycol or propylene glycol) deep eutectic solvents for extractive purification of gasoline. // <i>ChemistrySelect</i> . 3 (2018) , 44; 12582-12590	1,716 (2018.)	Chemistry
213.	Zdraveva, Emilija; Mijović, Budimir; Govorčin Bajsić, Emi; Grozdanić, Vedrana. The efficacy of electrospun polyurethane fibers with TiO ₂ in a real time weathering condition. // <i>Textile research journal</i> . 88 (2018) , 21; 2445-2453	1,613 (2018.)	Chemical Engineering
			Materials Science
214.	Zrnčević, Stanka. Valorizacija otpadnih voda prerade maslina. // <i>Hrvatske vode</i> . 26 (2018) , 104; 75-90	-	Earth and Planetary Sciences

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Slika 5.3. Broj objavljenih radova i njihova citiranost za razdoblje 1992. – 2019. prema bazi *Web of Science Core Collection*

Tablica 5.1. Mentori

Naziv doktorskog studija	Broj mentora kod kojih su obranjeni doktorati znanosti u posljednjih 5 godina	Broj objavljenih radova mentora u domaćim recenziranim znanstvenim časopisima u posljednjih 5 godina	Broj objavljenih radova mentora u inozemnim recenziranim znanstvenim časopisima u posljednjih 5 godina
Kemijsko inženjerstvo	60*	SCOPUS bez Web of Science: 35**	Web of Science: 541**
Inženjerska kemija			
Kemijsko inženjerstvo i primjenjena kemija			

* Neki od mentora mentorirali su na oba studija, pa nema smisla razdvajati mentore po studijima

** U struci je irelevantno prikazivati domaće znanstvene časopise, osim onih citiranih u bazi SCOPUS, koji nisu u WoS

Tablica 5.1.1. Popis radova mentora u bazi podataka WoSCC u razdoblju 1.1.2014. – 31.12.2018. (za tablicu 5.1.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STUDIJ
1.	Ašperger, Danijela; Ćurković, Lidija; Horvat, Alka J. M.; Kaštelan-Macan, Marija. Optimization condition for thin-layer identification of bronzes after anodic sampling. // <i>JPC. Journal of planar chromatography, modern TLC</i> . 27 (2014); 2; 84-87	0,670 (2013.)	IK
2.	Ašperger, Danijela; Tišler, Vesna; Zrnčić, Mirta; Mutavdžić Pavlović, Dragana; Babić, Sandra; Horvat, Alka J. M.; Kaštelan-Macan, Marija. HPLC-DAD-FLD Determination of veterinary pharmaceuticals in pharmaceutical industry wastewater with precolumn derivatization using fluoescamine. // <i>Chromatographia</i> . 77 (2014); 1059-1066	1,411 (2014.)	KIP, IK
3.	Basarić, Nikola; Sohora, Margareta; Cindro, Nikola; Mlinarić-Majerski, Kata; De Clercq, Erik; Balzarini, Jan. Antiproliferative and Antiviral Activity of Three Libraries of Adamantane Derivatives. // <i>Archiv der pharmazie</i> . 347 (2014); 334-340	1,531 (2014.)	IK
4.	Bilandžić, Nina; Božić, Đurđica; Đokić, Maja; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Cvetnić, Željko. Assessment of aflatoxin M1 contamination in the milk of four dairy species in Croatia. // <i>Food control</i> . 43 (2014); 18-21	2,806 (2014.)	IK
5.	Bilandžić, Nina; Božić, Đurđica; Đokić, Maja; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Tanković, Sanin; Cvetnić, Željko. Seasonal effect on aflatoxin M1 contamination in raw and UHT milk from Croatia. // <i>Food control</i> . 40 (2014); 2; 260-264	2,806 (2014.)	IK
6.	Bilandžić, Nina; Gačić, Milica; Đokić, Maja; Sedak, Marija; Ivanec Šipušić, Đurđica; Končurat, Ana; Tlak Gajger, Ivana. Major and trace elements levels in multifloral and unifloral honeys in Croatia. // <i>Journal of food composition and analysis</i> . 33 (2014); 132-138	1,985 (2014.)	IK
7.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana. Trace elements content in cheese, cream and butter. // <i>Mljekarstvo</i> . 64 (2014); 3; 150-158	0,481 (2014.)	IK
8.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Solomun Kolanović, Božica; Varenina, Ivana; Božić, Đurđica; Končurat, Ana. Differences of the essential mineral element levels in the milk of Croatian Coldblood horse and Littoral-Dinaric donkey. // <i>Mljekarstvo</i> . 64 (2014); 1; 12-18	0,481 (2014.)	IK
9.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Brstilo, Mate; Šimić, Branimir. Determination of zinc concentrations in foods of animal origin, fish and shellfish from Croatia and assessment of their contribution to dietary intake. // <i>Journal of food composition and analysis</i> . 35 (2014); 2; 61-66	1,985 (2014.)	IK

10.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Končurat, Ana. Content of macro- and microelements in the milk of Croatian coldblood mares during lactation. // <i>Slovenian veterinary research</i> . 51 (2014), 4; 171-177	0,222 (2014.)	IK
11.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Zrnčić, Snježana; Oraić, Dražen; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica. Copper, iron, selenium, zinc and magnesium concentrations in oysters (<i>Ostrea edulis</i>) from the Croatian Adriatic coast. // <i>Slovenian veterinary research</i> . 51 (2014), 3; 147-155	0,222 (2014.)	IK
12.	Bolanča, Tomislav; Ukić, Šime; Novak, Mirjana; Rogošić, Marko. Computer assisted method development in liquid chromatography. // <i>Croatica chemica acta</i> . 87 (2014); 2; 111-122	0,728 (2014.)	IK
13.	Bolanča, Tomislav; Ukić, Šime; Peternel, Igor; Kušić, Hrvoje; Lončarić Božić, Ana. Artificial neural network models for advanced oxidation of organics in water matrix - Comparison of applied methodologies. // <i>Indian journal of chemical technology</i> . 21 (2014); 21-29	0,513 (2014.)	KIP, IK
14.	Bralić, Marija; Buzuk, Marijo; Buljac, Maša; Brinić, Slobodan. Potentiometric studies on chemically and electrochemically prepared Sulfide active materials for determination of Copper(II). // <i>International journal of electrochemical science</i> . 9 (2014); 4854-4865	1,500 (2014.)	IK
15.	Buljac, Maša; Bogner, Danijela; Bralić, Marija; Periš, Nenad; Buzuk, Marijo; Brinić, Slobodan; Vladislavić, Nives. Cadmium and lead distribution in marine soil sediments, terrestrial soil, terrestrial rock, and atmospheric particulate matter around Split, Croatia. // <i>Analytical letters</i> . 47 (2014); 11; 1952-1964	1,030 (2014.)	IK
16.	Čurković, Lidija; Bolanča, Tomislav; Šiljeg, Mario; Foglar, Lucija. The kinetic modelling of Fe ³⁺ ion uptake by zeolite from water. // <i>Indian journal of chemical technology</i> . 21 (2014); 56-62	0,513 (2014.)	IK
17.	Čurković, Lidija; Ljubas, Davor; Šegota, Suzana; Bačić, Ivana. Photocatalytic degradation of Lissamine Green B dye by using nanostructured sol-gel TiO ₂ films. // <i>Journal of alloys and compounds</i> . 604 (2014); 309-316	2,999 (2014.)	IK
18.	Deplaine, Harmony; Acosta-Santamaria, Victor A.; Vidaurre, Ana; Gomez Ribelles, Jose Luis; Doblare, Manuel; Ochoa, Ignacio; Gallego Ferrer, Gloria. Evolution of the properties of a poly(L-lactic acid) scaffold with double porosity during in vitro degradation in a phosphate-buffered saline solution. // <i>Journal of applied polymer science</i> . 131 (2014); Article number: 40956	1,768 (2014.)	IK
19.	Dražević, Emil; Košutić, Krešimir; Dananić, Vladimir. Mass transfer of differently sized organic solutes at spacer covered and permeable nanofiltration wall. // <i>Chemical engineering journal</i> . 244 (2014); 152-159	4,321 (2014.)	IK
20.	Dražević, Emil; Košutić, Krešimir; Freger, Viatcheslav. Permeability and selectivity of reverse osmosis membranes: Correlation to swelling revisited. // <i>Water research</i> . 49 (2014); 444-452	5,528 (2014.)	IK
21.	Dražević, Emil; Košutić, Krešimir; Kolev, Vesselin; Freger, Viatcheslav. Does hindered transport theory apply to desalination membranes?. // <i>Environmental science & technology</i> . 48 (2014); 19; 11471-11478	5,330 (2014.)	IK
22.	Faraguna, Fabio; Peter, Robert; Volovšek, Vesna; Jukić, Ante. Synthesis and characterization of alkyl ester functionalized multiwall carbon nanotubes. // <i>Journal of nanoscience and nanotechnology</i> . 14 (2014); 8; 6347-6354	1,556 (2014.)	IK
23.	Findrik, Zvezdana; Valentović, Ivana; Vasić-Rački, Đurđa. A mathematical model of oxidative deamination of amino acid catalyzed by two D-amino acid oxidases and influence of aeration on enzyme stability. // <i>Applied biochemistry and biotechnology</i> . 172 (2014); 6; 3092-3105	1,735 (2014.)	KI
24.	Galović, Olivera; Samardžić, Mirela; Petrušić, Sanja; Sak-Bosnar, Milan. A new sensing material for the potentiometric determination of anionic surfactants in commercial products. // <i>International journal of electrochemical science</i> . 9 (2014); 7; 3802-3818	1,500 (2014.)	KIP, IK
25.	Gazivoda Kraljević, Tatjana; Ilić, Nataša; Stepanić, Višnja; Sappe, Lana; Petranović, Jasna; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Synthesis and in vitro antiproliferative evaluation of novel N-alkylated 6-isobutyl- and propyl pyrimidine derivatives. // <i>Bioorganic & Medicinal Chemistry Letters</i> . 24 (2014); 13; 2913-2917	2,420 (2014.)	KIP, IK

26.	Grčić, Ivana; Papić, Sanja; Mesec, Danijela; Koprivanac, Natalija; Vujević, Dinko. The kinetics and efficiency of UV assisted advanced oxidation of various types of commercial organic dyes in water. // <i>Journal of Photochemistry and Photobiology A: Chemistry</i> . 273 (2014); 49-58	2,495 (2014.)	IK
27.	Grebić, Damir; Tota, Marin; Jakovac, Hrvoje; Broznić, Dalibor; Marinić, Jelena; Čanadi, Gordana; Milin, Čedomila; Radošević-Stašić, Biserka. Metallothioneins and trace elements dyshomeostasis induced by exposure to gasoline vapor in mice. // <i>Histology and histopathology</i> . 29 (2014); 407-416	2,096 (2014.)	IK
28.	Gerzoni, Samuele; Deplaine, Harmony; El Haskouri, Jamal; Amoros, Pedro; Monleon Pradas, Manuel; Edlund, Ulrica; Gallego Ferrer, Gloria. Combination of silica nanoparticles with hydroxyapatite reinforces poly (L-lactide acid) scaffolds without loss of bioactivity. // <i>Journal of bioactive and compatible polymers</i> . 29 (2014); 15-31	2,352 (2014.)	IK
29.	Jakovljević, Tamara; Cvjetko Bubalo, Marina; Orlović, Sanja; Sedak, Marija; Bilandžić, Nina; Brozinčević, Iva; Radojčić Redovniković, Ivana. Adaptive response of poplar (<i>Populus nigra</i> L.) after prolonged Cd exposure period. // <i>Environmental science and pollution research</i> . 21 (2014), 5; 3792-3802	2,828 (2014.)	IK
30.	Juretić, Daria; Kušić, Hrvoje; Dionysiou, Dionysios D.; Rasulev, Bakhtiyor; Lončarić Božić, Ana. Modeling of photooxidative degradation of aromatics in water matrix; combination of mechanistic and structural-relationship approach. // <i>Chemical engineering journal</i> . 257 (2014); 229-241	4,321 (2014.)	KIP
31.	Juretić, Daria; Purić, Jelena; Kušić, Hrvoje; Marin, Vedrana; Lončarić Božić, Ana. Structural influence on photooxidative degradation of halogenated phenols. // <i>Water, air and soil pollution</i> . 225 (2014); 2143-1-2143-18	1,554 (2014.)	KIP
32.	Kalinski, Ivana; Juretić, Daria; Kušić, Hrvoje; Peternel, Igor; Lončarić Božić, Ana. Structural aspects of degradation of sulfoaromatics by UV/H ₂ O ₂ process. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 293 (2014); 1-11	2,495 (2014.)	KIP
33.	Kaluža, Leon; Šuštaršič, Matej; Rutar, Vera; Zupančič, Gregor Drago. The re-use of Waste-Activated Sludge as part of a "zero-sludge" strategy for wastewater treatments in the pulp and paper industry. // <i>Bioresource technology</i> . 151 (2014); 137-143	4,494 (2014.)	KI
34.	Kassal, Petar; Šurina, Robert; Vrsaljko, Domagoj; Murković Steinberg, Ivana. Hybrid sol-gel thin films doped with a pH indicator : Effect of organic modification on optical pH response and surface hydrophobicity. // <i>Journal of sol-gel science and technology</i> . 69 (2014); 3; 586-595	1,532 (2014.)	IK
35.	Katančić, Zvonimir; Kratožil Krehula, Ljerka; Ptiček Siročić, Anita; Grozdanić, Vedrana; Hrnjak-Murgić, Zlata. Effect of modified nanofillers on fire retarded HDPE/Wood composites. // <i>Journal of composite materials</i> . 48 (2014); 30; 3771-3783	1,173 (2014.)	KI, IK
36.	Katančić, Zvonimir; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata. Flammability and thermal properties of zeolite filled high-impact polystyrene composites. // <i>Polymer-plastics technology and engineering</i> . 53 (2014); 14; 1487-1493	1,481 (2012.)	KI, IK
37.	Katančić, Zvonimir; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata; Jelenčić, Jasenka. Thermal decomposition of fire-retarded high-impact polystyrene and high-impact polystyrene/ethylene-vinyl acetate blend nanocomposites followed by thermal analysis. // <i>Journal of elastomers and plastics</i> . 46 (2014); 3; 233-252	0,773 (2014.)	KI, IK
38.	Katić, Višnja; Čurković, Lidija; Ujević Bošnjak, Magdalena; Špalj, Stjepan. Determination of corrosion rate of orthodontic wires based on nickel-titanium alloy in artificial saliva. // <i>Materialwissenschaft und Werkstofftechnik</i> . 45 (2014); 2; 99-105	0,425 (2014.)	IK
39.	Katić, Višnja; Otmačić Čurković, Helena; Semenski, Damir; Baršić, Gorana; Marušić, Katarina; Špalj, Stjepan. Influence of surface layer on mechanical and corrosion properties of nickel-titanium orthodontic wires. // <i>Angle orthodontist</i> . 84 (2014); 6; 1041-1048	1,225 (2014.)	IK
40.	Kereković, Irena; Milardović, Stjepan; Palčić, Marina; Grabarić, Zorana. Characterization of cysteamine self assembled on gold functionalized with nitrilotriacetic acid and evaluation of copper(II) binding capacity with adsorption transfer stripping voltammetry. // <i>Journal of electroanalytical chemistry</i> . 724 (2014); 103-110	2,729 (2014.)	KIP, IK

41.	Klarić, Eva; Rakić, Mario; Marciuš, Marijan; Ristić, Mira; Sever, Ivan; Tarle, Zrinka. Optical effects of experimental light-activated bleaching procedures. // <i>Photomedicine and laser surgery</i> . 32 (2014); 3; 160-167	1,672 (2014.)	IK
42.	Kopčić, Nina; Vuković Domanovac, Marija; Kučić, Dajana; Briški, Felicita. Evaluation of laboratory-scale in-vessel co-composting of tobacco and apple waste. // <i>Waste management</i> . 34 (2014); 2; 323-328	3,220 (2014.)	KI, IK
43.	Kosović, Marin; Gamulin, Ozren; Balarin, Maja; Ivanda, Mile; Đerek, Vedran; Ristić, Davor; Marciuš, Marijan; Ristić, Mira. Phonon confinement effects in Raman spectra of porous silicon at non-resonant excitation condition. // <i>Journal of Raman spectroscopy</i> . 45 (2014); 6; 470-475	2,671 (2014.)	IK
44.	Kralik, Gordana; Sak-Bosnar, Milan; Kralik, Zlata; Galović, Olivera. Effect of beta-alanine dietary supplementatiton on concentration of carnosine and quality of broiler muscle tissue. // <i>Journal of poultry science</i> . 51 (2014); 2; 151-156	0,802 (2014.)	IK
45.	Kratofil Krehula, Ljerka; Katančić, Zvonimir; Ptiček Siročić, Anita; Hrnjak-Murgić, Zlata. Weathering of high density polyethylene-wood plastic composites. // <i>Journal of wood chemistry and technology</i> . 34 (2014); 1; 39-54	1,588 (2014.)	KI, IK
46.	Kurajica, Stanislav; Popović, Jasminka; Gazivoda, Tatjana; Tkalčec Čižmek, Emilija; Simčić, Ivan; Mandić, Vilko; Altomare, Angela; Moliterni, Anna; Rocquefelte, Xavier. A structural investigation of tris(ethyl acetoacetate)aluminium (III). // <i>Journal of sol-gel science and technology</i> . 71 (2014); 217-223	1,532 (2014.)	IK
47.	Kurajica, Stanislav; Škorić, Irena; Lozić, Iva; Mandić, Vilko. Ethyl acetoacetate ligand distribution in the course of titanium n-butoxide chelation. // <i>Materials chemistry and physics</i> . 147 (2014); 3; 1058-1067	2,259 (2014.)	IK
48.	Lazarus, Maja; Prevendar Crnić, Andreja; Bilandžić, Nina; Kusak, Josip; Reljić, Slaven. Cadmium, lead, and mercury exposure assessment among Croatian consumers of free-living game. // <i>Arhiv za higijenu rada i toksikologiju</i> . 65 (2014) , 3; 281-292	0,932 (2014.)	IK
49.	Magdić, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Impedance of electrochemically modified graphite. // <i>Acta chimica Slovenica</i> . 61 (2014); 2; 366-375	0,686 (2014.)	IK
50.	Magdić, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Concept of spatial surface heterogeneity in impedance modelling of electrochemically activated glass-like carbon electrode. // <i>Electrochimica acta</i> . 117 (2014); 310-321	4,504 (2014.)	IK
51.	Majić Renjo, Marijana; Ćurković, Lidija; Štefančić, Sanja; Ćorić, Danko. Indentation size effect of Y-TZP dental ceramics. // <i>Dental materials</i> . 30 (2014); 12; e371-e376	3,769 (2014.)	IK
52.	Majić Renjo, Marijana; Rede, Vera; Ćurković, Lidija. Reverse indentation size effect of a duplex steel. // <i>Kovové materijály</i> . 52 (2014); 5; 299-304	0,406 (2014.)	IK
53.	Majić Renjo, Marijana; Ćurković, Lidija; Ćorić, Danko. Influence on surface roughness of alumina ceramics on indentation size. // <i>Materials testing</i> . 56 (2014); 1; 32-39	0,335 (2014.)	IK
54.	Mandić, Vilko; Tkalčec Čižmek, Emilija; Kurajica, Stanislav. The effect of La ₂ O ₃ addition on sol-gel derived mullitization. // <i>Journal of the American ceramic society</i> . 97 (2014); 7; 2264-2271	2,610 (2014.)	IK
55.	Manzano, Sara; Poveda-Reyes, Sara; Gallego Ferrer, Gloria; Ochoa, Ignacio; Hamdy Doweidar, Mohamed. Computational analysis of cartilage implants based on an interpenetrated polymer network for tissue repairing. // <i>Computer methods and programs in biomedicine</i> . 116 (2014); 249-259	1,897 (2014.)	IK
56.	Marović, Danijela; Tarle, Zrinka; Hiller Karl-Anton; Mueller Rainer; Ristić, Mira; Rosentritt, Martin; Škrčić, Drago; Schmalz, Gottfried. Effect of silanized nanosilica addition on remineralizing and mechanical properties of experimental composite materials with amorphous calcium phosphate. // <i>Clinical oral investigations</i> . 18 (2014); 3; 783-792	2,352 (2014.)	IK
57.	Marušić, Katarina; Hajdari, Zana; Otmačić Ćurković, Helena. Optimizing the preparation procedure of self- assembled monolayer of stearic acid for protection of cupronickel alloy. // <i>Acta chimica Slovenica</i> . 61 (2014); 328-339	0,686 (2014.)	IK
58.	Matijašević, Ljubica; Vučković, Ana; Dejanović, Igor. Analysis of cooling water systems in a petroleum refinery. // <i>Chemical and biochemical engineering quarterly</i> . 28 (2014); 4; 451-457	0,802 (2014.)	KI

59.	Meštrović, Jakov; Drmić-Hofman, Irena; Pogorelić, Zenon; Vilović, Katarina; Šupe-Domić, Daniela; Šešelja-Perišin, Ana; Čapkun, Vesna. Beneficial effect of nifedipine on testicular torsion-detorsion injury in rats. // <i>Urology</i> . 84 (2014); 5; 1194-1198	2,188 (2014.)	IK
60.	Milovac, Dajana; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. PCL-coated hydroxyapatite scaffold derived from cuttlefish bone: Morphology, mechanical properties and bioactivity. // <i>Materials science and engineering: C, Materials for biological applications</i> . 34 (2014); 437-445	3,088 (2014.)	KI, IK
61.	Milovac, Dajana; Gamboa-Martínez Tatiana C.; Ivanković, Marica; Gallego Ferrer, Gloria; Ivanković, Hrvoje. PCL-coated hydroxyapatite scaffold derived from cuttlefish bone: in vitro cell culture studies. // <i>Materials science and engineering: C, Materials for biological applications</i> . 42 (2014); 264-272	3,088 (2014.)	KI, IK
62.	Milovac, Nikolina; Juretić, Daria; Kušić, Hrvoje; Đermadi, Jasna; Lončarić Božić, Ana. Photooxidative degradation of aromatic carboxylic acids in water; influence of hydroxyl substituents. // <i>Industrial & engineering chemistry research</i> . 53 (2014), 26; 10590-10598	2,587 (2014.)	KIP
63.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Blažek, Dijana; Župan, Josip. The sorption of sulfamethazine on soil samples: Isotherms and error analysis. // <i>Science of the total environment</i> . 497-498 (2014); 543-552	4,099 (2014.)	IK
64.	Mužek, Mario Nikola; Svilović, Sandra; Zelić, Jelica. Fly ash-based geopolymeric adsorbent for copper ion removal from wastewater. // <i>Desalination and water treatment</i> . 52 (2014); 13/15; 2519-2526	1,173 (2014.)	KI
65.	Neto, Ana I.; Cibrao, Ana C.; Correia, Clara R.; Carvalho, Rita R.; Luz, Gisela M.; Ferrer, Gloria G.; Botelho, Gabriela; Picart, Catherine; Alves, Natalia M.; Mano, Joao F. Nanostructured polymeric coatings based on chitosan and dopamine-modified hyaluronic acid for biomedical applications. // <i>Small</i> . 10 (2014) 2459-2469	8,368 (2014.)	IK
66.	Palčić, Marina; Milardović, Stjepan; Kereković, Irena; Grabarić, Zorana. Application of nitrilotriacetic acid modified gold electrode for determination of lead in natural waters with differential pulse adsorptive cathodic stripping voltammetry. // <i>International journal of electrochemical science</i> . 9 (2014); 7; 3701-3714	1,500 (2014.)	KIP, IK
67.	Papić, Sanja; Peternel, Igor; Krevzelj, Željko; Kušić, Hrvoje; Koprivanac, Natalija. Advanced oxidation of an azo dye and its synthesis intermediates in aqueous solution: effect of Fenton treatment on mineralization, biodegradability and toxicity. // <i>Environmental Engineering and Management Journal</i> . 13 (2014), 10; 2561-2571	1,065 (2014.)	KIP, IK
68.	Pavelin, Sanda; Bečić, Kristijan; Forempoher, Gea; Tomić, Snježana; Čapkun, Vesna; Drmić-Hofman, Irena; Mrklić, Ivana; Lušić, Ivo; Pogorelić, Zenon The significance of immunohistochemical expression of merlin, Ki-67, and p53 in meningiomas. // <i>Applied immunohistochemistry & molecular morphology</i> . 22 (2014); 1; 46-49	2,012 (2014.)	IK
69.	Perin, Nataša; Nhili, Raja; Ester, Katja; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Synthesis, antiproliferative activity and DNA binding properties of novel 5-aminobenzimidazo[1,2-a]quinoline-6-carbonitriles. // <i>European journal of medicinal chemistry</i> . 80 (2014); 218-227	3,447 (2014.)	IK
70.	Periša, Martina; Babić, Sandra. Simultaneous determination of pharmaceuticals and some of their metabolites in wastewaters by high performance liquid chromatography-tandem mass spectrometry. // <i>Journal of separation science</i> . 37 (2014.); 1289-1296	2,737 (2014.)	KIP, IK
71.	Petrović, Željka; Ristić, Mira; Musić, Svetozar. Development of ZnO microstructures produced by rapid hydrolysis of zinc acetylacetonate. // <i>Ceramics international</i> . 40 (2014); 7/Part B; 10953-10959	2,605 (2014.)	IK
72.	Ptiček Siročić, Anita; Rešček, Ana; Hrnjak-Murgić, Zlata. Polyethylene nanocomposites filled with modified nanoparticles. // <i>Polymer-plastics technology and engineering</i> . 53 (2014); 8; 811-817	1,481 (2012.)	KI, IK
73.	Ptiček Siročić, Anita; Rešček, Ana; Ščetar, Mario; Kratožil Krehula, Ljerka; Hrnjak-Murgić, Zlata. Development of low density polyethylene nanocomposites films for packaging. // <i>Polymer bulletin</i> . 71 (2014); 3; 705-717	1,438 (2014.)	KI, IK

74.	Ptiček Siročić, Anita; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murčić, Zlata. Kinetic analysis of thermal and thermo-oxidative degradation of polyethylene (nano)composites. // <i>Composite interfaces</i> . 21 (2014); 3; 179-189	0,726 (2014.)	KI, IK
75.	Pustaj, Gordana; Kapor, Frankica; Kvasnička, Predrag. Inhibition properties and adsorption behavior of olive leaf extract on N80 carbon steel in CO ₂ - saturated brine solution. // <i>International journal of materials research</i> . 105 (2014); 10; 992-998	0,639 (2014.)	IK
76.	Rezić, Iva; Čurković, Lidija; Ujević, Magdalena. Investigation of metal ion release from violin, viola and cello strings after dissolution in corrosive solution. // <i>Materials and corrosion</i> . 65 (2014); 9; 931-934	1,373 (2014.)	IK
77.	Ristić, Mira; Marcuš, Marijan; Petrović, Željka; Ivanda, Mile; Musić, Svetozar. The influence of experimental conditions on the formation of ZnO fibers by electrospinning. // <i>Croatica chemica acta</i> . 87 (2014); 4; 315-320	0,728 (2014.)	IK
78.	Ristić, Mira; Marcuš, Marijan; Petrović, Željka; Musić, Svetozar. Dependence of NiO microstructure on the electrospinning conditions. // <i>Ceramics international</i> . 40 (2014); 7/Part A; 10119-10123	2,605 (2014.)	IK
79.	Rogošić, Marko; Sander, Aleksandra; Pantaler, Martina. Application of 1-pentyl-3-methylimidazolium bis(trifluoromethylsulfonyl) imide for desulfurization, denitrification and dearomatization of FCC gasoline. // <i>Journal of Chemical Thermodynamics</i> . 76 (2014); 1-15	2,679 (2014.)	KI, IK
80.	Sakač, Nikola; Regušić, Lidija; Sak-Bosnar, Milan; Jozanović, Marija; Breslauer, Nevenka. Direct potentiometric determination of ptyalin in saliva. // <i>International journal of electrochemical science</i> . 9 (2014); 7097-7109	1,500 (2014.)	IK
81.	Samardžić, Mirela; Galović, Olivera; Petrušić, Sanja; Sak-Bosnar, Milan. The analysis of anionic surfactants in effluents using a DDA-TBP potentiometric sensor. // <i>International journal of electrochemical science</i> . 9 (2014); 11; 6166-6181	1,500 (2014.)	KIP, IK
82.	Sander, Aleksandra; Penović, Tomislav. Droplet size distribution obtained by atomization with two-fluid nozzles in a spray dryer. // <i>Chemical engineering & technology</i> . 37 (2014); 12; 2073-2084	2,442 (2014.)	KI
83.	Skoko, Božena; Marović, Gordana; Babić, Dinko. Radioactivity in the Mediterranean flora of the Kaštela Bay, Croatia. // <i>Journal of environmental radioactivity</i> . 135 (2014); 36-43	2,483 (2014.)	IK
84.	Sopčić, Suzana; Mandić, Zoran; Kraljić Roković, Marijana. Some factors influencing power and energy capabilities of RuO ₂ supercapacitors. // <i>Acta chimica Slovenica</i> . 61 (2014); 2; 272-279	0,686 (2014.)	KIP, IK
85.	Steinberg, Matthew D.; Kassal, Petar; Tkalčec, Biserka; Murković Steinberg, Ivana. Miniaturised wireless smart tag for optical chemical analysis applications. // <i>Talanta</i> . 118 (2014); 375-381	3,545 (2014.)	IK
86.	Steinberg, Matthew D.; Žura, Ivan; Murković Steinberg, Ivana. Wireless smart tag with on-board conductometric chemical sensor. // <i>Sensors and actuators. B, Chemical</i> . 196 (2014); 208-214	4,097 (2014.)	IK
87.	Stipišić, Angela; Veršić-Bratinčević, Maja; Knezović, Zlatka, Sutlović, Davorka. Metal content in medieval skeletal remains from Southern Croatia. // <i>Journal of archaeological science</i> . 46 (2014); 393-400	2,196 (2014.)	IK
88.	Sudar, Martina; Findrik, Zvezdana; Vuković Domanovac, Marija; Vasić-Rački, Đurđa. Coenzyme regeneration catalyzed by NADH oxidase from <i>Lactococcus lactis</i> . // <i>Biochemical engineering journal</i> . 88 (2014); 12-18	2,467 (2014.)	KI
89.	Sutlović, Davorka; Veršić Bratinčević, Maja; Definis-Gojanović, Marija. Blood alcohol stability in post mortem blood samples. // <i>American journal of forensic medicine and pathology</i> . 35 (2014); 1; 55-58	0,701 (2014.)	IK
90.	Sutlović, Davorka; Ščepanović, Antonija; Bošnjak, Marinko; Veršić-Bratinčević, Maja; Definis-Gojanović, Marija. The role of alcohol in road traffic accidents with fatal outcome : ten-year period in Croatia Split-Dalmatia County. // <i>Traffic injury prevention</i> . 15 (2014); 3; 222-227	1,413 (2014.)	IK
91.	Šagud, Ivana; Božić, Simona; Marinić, Željko; Šindler-Kulyk, Marija. Photochemical approach to functionalized benzobicyclo[3.2.1]octene structures via fused oxazoline derivatives from 4- and 5-(o-vinylstyryl)oxazoles. // <i>Beilstein journal of organic chemistry</i> . 10 (2014); 2222-2229	2,757 (2014.)	IK

92.	Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna; Mazzucato, Ugo. Photoisomerization and photocyclization of 5-styryloxazole. // <i>Croatica chemica acta</i> . 87 (2014); 4; 327-333	0,728 (2014.)	IK
93.	Šalić, Anita; Zelić, Bruno. ADH catalysed hexanol oxidation with fully integrated NADH regeneration performed in microreactors connected in series. // <i>RSC Advances</i> . 4 (2014); 41714-41721	3,840 (2014.)	KI, IK
94.	Šimunek, Marina; Režek Jambrak, Anet; Dobrović, Slaven; Herceg, Zoran; Vukušić, Tomislava. Rheological properties of ultrasound treated apple, cranberry and blueberry juice and nectar. // <i>Journal of food science and technology</i> . 51 (2014), 12; 3577-3593	2,203 (2014.)	IK
95.	Šoštarić, Igor; Nežić, Igor; Jović, Franjo; Marčelić, Eugen; Meštrović, Ernest; Zrnčević, Stanka. Modeling-based development of an enantioselective hydrogenation reaction of a sitagliptine intermediate. // <i>Chemical and biochemical engineering quarterly</i> . 28 (2014); 1; 1-11	0,802 (2014.)	KI
96.	Štrkalj, Anita; Glavaš, Zoran; Matijašić, Gordana. Adsorption of hexavalent chromium from aqueous solution by steel-making slag. // <i>Materiali in tehnologije</i> . 48 (2014); 5; 619-622	0,548 (2014.)	KI
97.	Štrukil, Vjekoslav; Lekšić, Edislav; Meštrović, Ernest; Eckert-Maksić, Mirjana. The synthesis and structural characterization of peralkylated triguanide superbases. // <i>Australian journal of chemistry</i> . 67 (2014), 7; 1129-1133	1,558 (2014.)	KI
98.	Tišma, Marina; Molnar, Maja; Škarica, Marija; Čačić, Milan; Zelić, Bruno. Laccase inhibiting activity of some coumarin derivatives. // <i>Letters in organic chemistry</i> . 11 (2014); 583-589	0,664 (2014.)	KI, IK
99.	Tkalčec, Emilija; Popović, Jasminka; Orlić, Sebastijan; Milardović, Stjepan; Ivanković, Hrvoje. Hydrothermal synthesis and thermal evolution of carbonate-fluorhydroxyapatite scaffold from cuttlefish bones. // <i>Materials science and engineering C, Materials for Biological Applications</i> . 42 (2014); 578-586	3,088 (2014.)	KIP, KI, IK
100.	Tomić Linšak, Dijana; Linšak, Željko; Špirić, Zdravko; Srebočan, Emil; Glad, Marin; Cenov, Arijana; Jakovac, Hrvoje; Milin, Čedomila. Influence of cadmium on metallothionein expression and products of lipid peroxidation in the organs of hares (<i>Lepus europaeus</i> Pallas). // <i>Journal of applied toxicology</i> . 34 (2014), 3; 289-295	2,982 (2014.)	IK
101.	Tusić, Marko; Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa. Operational stability of glucoamylase in continuously operated ultrafiltration membrane reactor – experimental methods and mathematical model. // <i>Chemical and biochemical engineering quarterly</i> . 28 (2014); 4; 473-480	0,802 (2014.)	KI
102.	Ukić, Šime; Mandić, Vilko; Buić, Zdenko; Bolanča, Tomislav; Zelić, Bruno; Kurajica, Stanislav; Novak, Mirjana. Sorption kinetics and structural investigations of acid and alkali pretreated bentonite used for ammonium and phosphate removal from petrochemical wastewater. // <i>Fresenius environmental bulletin</i> . 23 (2014); 5; 1260-1270	0,378 (2014.)	KI, IK
103.	Ukić, Šime; Novak, Mirjana; Vlahović, Ana; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography—Part I: Conventional QSRR approach. // <i>Chromatographia</i> . 77 (2014); 985-996	1,411 (2014.)	IK
104.	Ukić, Šime; Novak, Mirjana; Vlahović, Ana; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography. Part II: Artificial intelligence QSRR approach. // <i>Chromatographia</i> . 77 (2014); 997-1007	1,411 (2014.)	IK
105.	Valinger, Davor; Vrsalović Presečki, Ana; Kurtanjek, Želimir; Pohl, Martina; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa. Continuous enzymatic carbonylation of benzaldehyde and acetaldehyde in an enzyme ultrafiltration membrane reactor and laminar flow microreactors. // <i>Journal of Molecular Catalysis B: Enzymatic</i> . 102 (2014); 132-137	2,128 (2014.)	KI
106.	Vikingsson, L.; Gallego Ferrer, G.; Gomez-Tejedor, J. A.; Gomez Ribelles, J. L. An "in vitro" experimental model to predict the mechanical behavior of macroporous scaffolds implanted in articular cartilage. // <i>Journal of the mechanical behavior of biomedical materials</i> . 32 (2014) 125-131	3,417 (2014.)	IK

107.	Vladislavić, Nives; Brinić, Slobodan; Grubač, Zoran; Buzuk, Marijo. Study of bismuth film formation on different carbon based electrodes for possible applicability in electroanalytical determination of cysteine. // <i>International journal of electrochemical science</i> . 9 (2014); 11; 6020-6032	1,500 (2014.)	IK
108.	Volovšek, Vesna; Dananić, Vladimir; Bistričić, Lahorija; Movre Šapić, Iva; Furić Krešimir. Raman study of vibrational dynamics of aminopropylsilanetriol in gas phase. // <i>Spectrochimica acta part A: Molecular and biomolecular spectroscopy</i> . 117 (2014); 478-484	2,353 (2014.)	IK
109.	Vrankić, Martina; Žagar, Kristina; Bijelić, Mirjana; Popović, Jasminka; Gržeta, Biserka; Kurajica, Stanislav. Microstructure of sol-gel derived Mn-doped gahnite: Correlation of TEM and XRD investigations. // <i>Journal of physics and chemistry of solids</i> . 75 (2014); 11; 1240-1244	1,853 (2014.)	IK
110.	Vuk, Dragana; Kikaš, Ilijana; Molčanov, Krešimir; Horváth, Ottó; Škorić, Irena. Functionalization of the benzobicyclo[3.2.1]octadiene skeleton via photocatalytic oxygenation of thiophene and furan derivatives: the impact of the type and position of the heteroatom. // <i>Journal of molecular structure</i> . 1063 (2014); 83-91	1,602 (2014.)	IK
111.	Vuk, Dragana; Marinić, Željko; Molčanov, Krešimir; Margetić, Davor; Škorić, Irena. Thermal electrocyclization reactions II: benzooctatetraenes and benzodecapentaenes. // <i>Tetrahedron</i> . 70 (2014); 886-891	2,641 (2014.)	IK
112.	Vuk, Dragana; Marinić, Željko; Škorić, Irena. Photochemical approach to new polycyclic substrates suitable for further photocatalytic functionalization. // <i>Croatica chemica acta</i> . 87 (2014); 465-473	0,728 (2014.)	IK
113.	Vuk, Dragana; Molčanov, Krešimir; Škorić, Irena. Weak interactions direct crystal packings of arylated 1, 3-butadienes. // <i>Journal of molecular structure</i> . 1065-1066 (2014); 43-51	1,602 (2014.)	IK
114.	Vuk, Dragana; Molčanov, Krešimir; Škorić, Irena. Novel arylated chloro- and methoxy-1, 3-dibutadienes: influence of substituents on molecular conformation and crystal packing. // <i>Journal of molecular structure</i> . 1068 (2014); 124-129	1,602 (2014.)	IK
115.	Zrnčić, Mirta; Gros, Meritxell; Babić, Sandra; Kaštelan-Macan, Marija; Barcelo, Damia; Petrović Mira. Analysis of anthelmintics in surface water by ultra high performance liquid chromatography coupled to quadrupole linear ion trap tandem mass spectrometry. // <i>Chemosphere</i> . 99 (2014); 224-232	3,340 (2014.)	KIP, IK
116.	Žegarac, Miroslav; Lekšić, Edislav; Šket, Primož; Plavec, Janez; Devčić Bogdanović, Maja; Bučar, Dejan-Krešimir; Dumić, Miljenko; Meštrović, Ernest. A sildenafil cocrystal based on acetylsalicylic acid exhibits an enhanced intrinsic dissolution rate. // <i>Crystal engineering communication</i> . 16 (2014); 32-35	4,034 (2014.)	IK
117.	Žura, Ivan; Babić, Dinko; Steinberg, Matthew D.; Murković Steinberg, Ivana. Low-Cost Conductometric Transducers for Use in Thin Polymer Film Chemical Sensors. // <i>Sensors and actuators. B, Chemical</i> . 193 (2014); 128-135	4,097 (2014.)	IK
118.	Aračić, Nada; Roje, Damir; Drmić-Hofman, Irena; Čapkun, Vesna; Stefanović, Vedran. Low molecular weight heparin treatment and impact of inherited thrombophilia type in pregnancies with previous adverse outcome. // <i>Journal of maternal-fetal & neonatal medicine</i> . 28 (2015); 3; 306-310	1,674 (2015.)	IK
119.	Babić, Sandra; Zrnčić, Mirta; Ljubas, Davor; Ćurković, Lidija; Škorić, Irena. Photolytic and thin TiO ₂ film assisted photocatalytic degradation of sulfamethazine in aqueous solution. // <i>Environmental science and pollution research</i> . 22 (2015); 15; 11372-11386	2,760 (2015.)	KIP, IK
120.	Bilandžić, Nina; Božić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana; Cvetnić, Luka; Cvetnić, Željko. Distribution of sulfamonomethoxine and trimethoprim in egg yolk and white. // <i>Food chemistry</i> . 178 (2015); 32-37	4,052 (2015.)	IK
121.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Džafić, Natalija; Mišetić Ostojić, Dijana; Potočnjak, Dalibor. Metal content in four shellfish species from the Istrian coast of Croatia. // <i>Bulletin of environmental contamination and toxicology</i> . 95 (2015); 611-617	1,191 (2015.)	IK

122.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica. Determination of macro and microelements in cow, goat and human milk using inductively coupled plasma optical emission spectrometry. // <i>Spectroscopy letters</i> . 48 (2015), 9; 677-684	0,885 (2015.)	IK
123.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana. Macro- and microelement content differences between milk and yoghurt. // <i>Archives of biological sciences</i> . 67 (2015), 4; 1391-1397	0,367 (2015.)	IK
124.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Božić, Đurđica; Vrbić, Antonija. Content of macro- and microelements and evaluation of the intake of different dairy products consumed in Croatia. // <i>Journal of food composition and analysis</i> . 40 (2015); 143-147	2,780 (2015.)	IK
125.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav; Šimić, Branimir. Concentration of mercury and selenium concentrations in the tissues of five cetacean species from Croatian coastal waters. // <i>Archives of biological sciences</i> . 67 (2015), 4; 1377-1389	0,367 (2015.)	IK
126.	Bilandžić, Nina; Varenina, Ivana; Solomun Kolanović, Božica; Božić, Đurđica; Đokić, Maja; Sedak, Marija; Tanković, Sanin; Potočnjak, Dalibor; Cvetnić, Željko. Monitoring of aflatoxin M1 in raw milk during four seasons in Croatia. // <i>Food control</i> . 54 (2015); 331-337	3,388 (2015.)	IK
127.	Bituh, Tomislav; Petrinc, Branko; Skoko, Božena; Vučić, Zlatko; Marović, Gordana. Measuring and modelling the radiological impact of a phosphogypsum deposition site on the surrounding environment. // <i>Arhiv za higijenu rada i toksikologiju</i> . 66 (2015); 31-40	0,971 (2015.)	IK
128.	Bralić, Marija; Buljac, Maša; Prkić, Ante; Buzuk, Marijo; Brinić, Slobodan. determination fluoride in products for oral hygiene using flow-injection (FIA) and continuous analysis (CA) with home-made FISE. // <i>International journal of electrochemical science</i> . 10 (2015); 2253-2264	1,692 (2015.)	IK
129.	Budžaki, Sandra; Šalić, Anita; Zelić, Bruno; Tišma, Marina. Enzyme catalyzed biodiesel production from edible and waste cooking oil. // <i>Chemical and biochemical engineering quarterly</i> . 29 (2015); 3; 329-333	0,675 (2015.)	KI, IK
130.	Čurković, Lidija; Majić Renjo, Marijana; Ciglar, Damir. Effects of cold isostatic pressing and granule size distribution on the densification of alumina ceramics. // <i>Materials testing</i> . 57 (2015); 6; 495-498	0,266 (2015.)	IK
131.	Del Barrio, Jorge L. Alio; Chiesa, Massimo; Ferrer, Gloria Gallego; Garagorri, Nerea; Briz, Nerea; Fernandez-Delgado, Jorge; Valls, Maria Sancho-Tello; Botella, Carmen Carda; Garcia-Tunon, Ignacio; Bataille, Laurent; Rodriguez, Alejandra; Arnalich-Montiel, Francisco; Gomez Ribelles, Jose L.; Antolinos-Turpin, Carmen M.; Gomez-Tejedor, Jose A.; Alio, Jorge L.; De Miguel, Maria P. Biointegration of corneal macroporous membranes based on poly(ethyl acrylate) copolymers in an experimental animal model. // <i>Journal of biomedical materials research Part A</i> . 103 (2015) 1106-1118	3,263 (2015.)	IK
132.	Đerek, Vedran; Głowacki, Eric Daniel; Sytnyk, Mykhailo; Heiss, Wolfgang; Marcioš, Marijan; Ristić, Mira; Ivanda, Mile; Sariciftci, Niyazi Serdar. Enhanced near-infrared response of nano- and microstructured silicon/organic hybrid photodetectors. // <i>Applied physics letters</i> . 107 (2015); 8; 083302-1-083302-5 Article Number: 083302	3,142 (2015.)	IK
133.	Faraguna, Fabio; Siuc, Valentina; Vidović, Elvira; Jukić, Ante. Reactivity ratios and properties of copolymers of 2-ethoxyethyl methacrylate with dodecyl methacrylate or styrene. // <i>Journal of polymer research</i> . 22 (2015); 245-1-245-11	1,969 (2015.)	IK
134.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Reactivity ratios and copolymer properties of 2-(diisopropylamino)ethyl methacrylate with methyl methacrylate and styrene. // <i>Polymer international</i> . 64 (2015); 1497-1504	2,414 (2015.)	IK
135.	Florijančić, Tihomir; Ozimec, Siniša; Jelkić, Dinko; Vukšić, Neška; Bilandžić, Nina; Gross Bošković, Andrea; Bošković, Ivica. Assessment of heavy metal content in wild boar (<i>Sus scrofa</i> L.) hunted in Eastern Croatia. // <i>Journal of environmental protection and ecology</i> . 16 (2015), 2; 630-636	0,734 (2015.)	IK

136.	Foglar, Lucija; Papić, Sanja; Margeta, Dunja; Sertić-Bionda, Katica. The use of different reactor systems for biological treatment of petroleum refinery wastewaters. // <i>Fresenius environmental bulletin</i> . 24 (2015); 11 a; 3695-3702	0,372 (2015.)	KI, IK
137.	Gačić, Milica; Bilandžić, Nina; Ivanec Šipušić, Đurđica; Petrović, Marinko; Kos, Blaženka; Vahčić, Nada; Šušković, Jagoda. Degradation of oxytetracycline, streptomycin, sulphathiazole and chloramphenicol residues in different types of honey. // <i>Food technology and biotechnology</i> . 53 (2015), 2; 154-162	1,179 (2015.)	IK
138.	Galović, Olivera; Samardžić, Mirela; Sak-Bosnar, Milan. A new microsensor for the determination of anionic surfactants in commercial products. // <i>International journal of electrochemical science</i> . 10 (2015); 5176-5193	1,692 (2015.)	KIP, IK
139.	Galović, Olivera; Samardžić, Mirela; Petrušić, Sanja; Sak-Bosnar, Milan. Application of a new potentiometric sensor for determination of anionic surfactants in wastewater. // <i>Chemical and biochemical engineering quarterly</i> . 29 (2015); 3; 307-313	0,675 (2015.)	KIP, IK
140.	Gamboa-Martinez, Tatiana C.; Luque-Guillen, Victoria; Gonzalez-Garcia, Cristina; Gomez Ribelles, Jose Luis; Gallego Ferrer, Gloria. Crosslinked fibrin gels for tissue engineering: Two approaches to improve their properties. // <i>Journal of biomedical materials research Part A</i> . 103 (2015); 614-621	3,263 (2015.)	IK
141.	Iida, Yusuke; Akiyama, Kazuhiko; Kobzi, Balázs; Sinkó, Katalin; Homonnay, Zoltán; Kuzmann, Erno; Ristić, Mira; Krehula, Stjepko; Nishida, Tetsuaki; Kubuki, Shiro. Structural analysis and visible light-activated photocatalytic activity of iron-containing soda lime aluminosilicate glass. // <i>Journal of alloys and compounds</i> . 645 (2015); 1-6	3,014 (2015.)	IK
142.	Ivashchenko, Sergiy; Escobar Ivirico, Jorge L.; Garcia Cruz, Dunia M.; Campillo-Fernandez, Alberto; Gallego Ferrer, Gloria; Monleon Pradas, Manuel. Bioactive organic-inorganic poly(CLMA-co-HEA)/silica nanocomposites. // <i>Journal of biomaterials applications</i> . 29 (2015); 1096-1108	1,988 (2015.)	IK
143.	Ivušić, Franjo; Lahodny-Šarc, Olga; Otmačić Ćurković, Helena; Alar, Vesna. Synergistic inhibition of carbon steel corrosion in seawater by cerium chloride and sodium gluconate. // <i>Corrosion science</i> . 98 (2015); 88-97	5,154 (2015.)	IK
144.	Jakovljević, Ivana; Peh nec, Gordana; Vadj ić, Vladimira; Šiš ović, Anica; Davila, Silvi je; Bešlić, Ivan. Carcinogenic activity of polycyclic aromatic hydrocarbons bounded on particle fraction. // <i>Environmental science and pollution research international</i> . 22 (2015), 20; 15931-15940	2,760 (2015.)	IK
145.	Jakovljević, Tamara; Radojčić Redovniković, Ivana; Cvjetko Bubalo, Marina; Bukovac, Ivana; Sedak, Marija; Đokić, Maja; Bilandžić, Nina. Potencijal jablana (<i>Populus nigra</i> var. <i>italica</i>) u fitoremedijaciji kadmija. // <i>Šumarski list : znanstveno-stručno i staleško glasilo Hrvatskoga šumarskog društva</i> . 5-6 (2015); 223-232	0,235 (2015.)	IK
146.	Jović, Franjo; Sućec, Ana; Nekola, Irena; Čavuzić, Dražen; Marčelić, Eugen; Meštrović, Ernest. Application of safety by design methodology in evaluating process safety for a duff reaction using predictive process simulators. // <i>Organic process research & development</i> . 19 (2015); 1268-1273	2,922 (2015.)	KI
147.	Jozanović, Marija; Sakač, Nikola; Jakobović, Danijela; Sak-Bosnar, Milan. Analytical characterization and quantification of histidine dipeptides, carnosine and anserine by modeling of potentiometric titration data. // <i>International journal of electrochemical science</i> . 10 (2015); 5787-5799	1,692 (2015.)	IK
148.	Jozanović, Marija; Medvidović-Kosanović, Martina; Sak-Bosnar, Milan. Voltammetric characterization and determination of histidine dipeptides - carnosine and anserine. // <i>International journal of electrochemical science</i> . 10 (2015); 8; 6548-6557	1,692 (2015.)	IK
149.	Juretić, Daria; Kušić, Hrvoje; Dionysiou, Dionysios D.; Rasulev, Bakhtiyor; Peternel, Igor; Lončarić Božić, Ana. Prediction of key structural features responsible for aromaticity of single-benzene ring pollutants and their photooxidative intermediates. // <i>Chemical engineering journal</i> . 276 (2015); 261-273	5,310 (2015.)	KIP
150.	Jurinjak Tušek, Ana; Anić, Iva; Kurtanjek, Želimir; Zelić, Bruno. Mass transfer coefficients of slug flow for organic solvent-aqueous system in a microreactor. // <i>Korean journal of chemical engineering</i> . 32 (2015); 6; 1037-1045	1,408 (2015.)	KI, IK

151.	Kassal, Petar; Kim, Jayoung; Kumar, Rajan; de Araujo, William Reis; Steinberg, Ivana; Steinberg, Matthew; Wang, Joseph. Smart bandage with wireless connectivity for uric acid biosensing as an indicator of wound status. // <i>Electrochemistry communications</i> . 56 (2015); 6-10	4,569 (2015.)	IK
152.	Kerolli-Mustafa, Mihone; Ćurković, Lidija; Fajković, Hana; Rončević, Sanda. Ecological risk assessment of jarosite waste disposal. // <i>Croatica chemica acta</i> . 88 (2015); 2; 189-196	0,732 (2015.)	IK
153.	Kerolli-Mustafa, Mihone; Fajković, Hana; Rončević, Sanda; Ćurković, Lidija. Assessment of metals risks from different depths of jarosite tailing waste of Trepča Zinc Industry, Kosovo based on BCR procedure. // <i>Journal of geochemical exploration</i> . 148 (2015); 161-168	2,147 (2015.)	IK
154.	Kos, K.; Posilović, Hrvoje; Durman, Aleksandar; Ristić, Mira; Krehula, Stjepko. White encrustation produced from deer antler phosphate on prehistoric ceramics from Podunavlje. // <i>Archaeometry</i> . 57 (2015); 4; 636-652	1,364 (2015.)	IK
155.	Kosović, Marin; Balarin, Maja; Ivanda, Mile; Đerek, Vedran; Marcuš, Marijan; Ristić, Mira; Gamulin, Ozren. Porous silicon covered with silver nanoparticles as Surface-enhanced Raman scattering (SERS) substrate for ultra-low concentration detection. // <i>Applied spectroscopy</i> . 69 (2015); 12; 1417-1424	1,798 (2015.)	IK
156.	Košutić, Krešimir; Dolar, Davor; Strmecky, Tea. Treatment of landfill leachate by membrane processes of nanofiltration and reverse osmosis. // <i>Desalination and water treatment</i> . 55 (2015); 10; 2680-2689	1,272 (2015.)	IK
157.	Kraguljac, Kornelije; Vidović, Elvira; Šoljić Jerbić, Ivana; Jukić, Ante. A chromatographic study of shear stability of poly(styrene-co-alkyl methacrylate) viscosity modifier for lubricating oils. // <i>Petroleum science and technology</i> . 33 (2015); 374-380	0,418 (2015.)	IK
158.	Krakovsky, Ivan; Martinez-Haya, Rebeca; Gallego Ferrer, Gloria; Sabater i Serra, Roser; Dodda, Jagan Mohan. Epoxy networks and hydrogels prepared from alpha,omega-diamino terminated poly(oxypropylene)-b-poly(oxyethylene)-poly(oxypropylene) and polyoxypropylene bis(glycidyl ether). // <i>European polymer journal</i> . 62 (2015); 19-30	3,485 (2015.)	IK
159.	Kratofil Krehula, Ljerka; Hrnjak-Murđić, Zlata; Jelenčić, Jasenka. Study of masterbatch effect on miscibility and morphology in PET/HDPE blends. // <i>Journal of adhesion science and technology</i> . 29 (2015); 2; 74-93	0,863 (2015.)	KI, IK
160.	Kratofil Krehula, Ljerka; Katančić, Zvonimir; Marić, Gojko; Hrnjak-Murđić, Zlata. Study of fire retardancy, thermal and mechanical properties of HDPE-wood composites. // <i>Journal of wood chemistry and technology</i> . 35 (2015); 6; 412-423	1,830 (2015.)	KI, IK
161.	Krehula, Stjepko; Ristić, Mira; Kubuki, Shiro; Iidab, Yusuke; Perović, Marija; Fabian, Martin; Musić, Svetozar. Synthesis and microstructural properties of mixed iron-gallium oxides. // <i>Journal of alloys and compounds</i> . 634 (2015); 130-141	3,014 (2015.)	IK
162.	Krehula, Stjepko; Ristić, Mira; Kubuki, Shiro; Iida, Yusuke; Fabián, Martin; Musić, Svetozar. The formation and microstructural properties of uniform α -GaOOH particles and their calcination products. // <i>Journal of alloys and compounds</i> . 620 (2015); 217-227	3,014 (2015.)	IK
163.	Krištafor, Svjetlana; Bistović, Andrea; Plavec, Janez; Makuc, Damjan; Martinović, Tamara; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. One-pot click synthesis of 1, 2, 3-triazole- embedded unsaturated uracil derivatives and hybrids of 1, 5- and 2, 5-disubstituted tetrazoles and pyrimidines. // <i>Tetrahedron letters</i> . 56 (2015); 1222-1228	2,347 (2015.)	KIP, IK
164.	Le Cunff, Jérôme; Tomašić, Vesna; Wittine, Ozren. Photocatalytic degradation of the herbicide terbuthylazine: preparation, characterization and photoactivity of the immobilized thin layer of TiO ₂ /chitosan. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 309 (2015); 22-29	2,477 (2015.)	KI, IK
165.	Ljubas, Davor; Ćurković, Lidija; Marinović, Veronika; Bačić, Ivana; Tavčar, Branka. Photocatalytic degradation of azo-dyes by sol-gel TiO ₂ films: effects of polyethylene glycol addition, reaction temperatures and irradiation wavelengths. // <i>Reaction kinetics, mechanisms and catalysis</i> . 116 (2015); 2; 563-576	1,265 (2015.)	IK

166.	Magdić, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Impedance approach to activity of hydrogen evolution reaction on spatially heterogeneous GC electrode surfaces: metal free vs. Ru catalysed case. // <i>Electrochimica acta</i> . 167 (2015); 455-469	4,803 (2015.)	IK
167.	Mandić, Vilko; Kurajica, Stanislav. The influence of solvents on sol-gel derived calcium aluminate. // <i>Materials science in semiconductor processing</i> . 38 (2015); 306-313	2,264 (2015.)	IK
168.	Maračić, Silvija; Gazivoda Kraljević, Tatjana; Čipčić Paljetak, Hana; Perić, Mihaela; Matijašić, Mario; Verbanac, Donatella; Cetina, Mario; Raić-Malić Silvana. 1,2,3-Triazolepharmacophore-based benzofused nitrogen/sulfur heterocycles with potential anti- <i>Moraxella catarrhalis</i> activity. // <i>Bioorganic & medicinal chemistry</i> . 23 (2015); 7448-7463	2,923 (2015.)	KIP, IK
169.	Meščić, Andrijana; Harej, Anja; Klobučar, Marko; Glavač, Danijel; Cetina, Mario; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Discovery of new acid ceramidase-targeted acyclic 5-alkynyl and 5-heteroaryl uracil nucleosides. // <i>ACS Medicinal chemistry letters</i> . 6 (2015); 11; 1150-1155	3,355 (2015.)	KIP, IK
170.	Milanović, Ivana; Grahek, Željko. Semi-automated procedure for the determination of ^{89,90} Sr in environmental samples by Cherenkov counting. // <i>Journal of radioanalytical and nuclear chemistry</i> . 303 (2015); 2; 1453-1457	0,983 (2015.)	IK
171.	Milić, Mirta; Leitinger, Gerd; Pavičić, Ivan; Zebić Avdičević, Maja; Dobrović, Slaven; Goessler, Walter; Vinković Vrček, Ivana. Cellular uptake and toxicity effects of silver nanoparticles in mammalian kidney cells. // <i>Journal of applied toxicology</i> . 35 (2015) , 6; 581-592	2,722 (2015.)	IK
172.	Murati, Teuta; Šimić, Branimir; Brozović, Anamaria; Kniewald, Jasna; Miletić Gospić, Adrijana; Bilandžić, Nina; Kmetič, Ivana. PCB 77 action in ovary cells - toxic effects, apoptosis induction and cell cycle analysis. // <i>Toxicology mechanisms and methods</i> . 25 (2015) , 4; 302-311	1,476 (2015.)	IK
173.	Mutavdžić Pavlović, Dragana; Nikšić, Korana; Livazović, Sara; Brnardić, Ivan; Anžlovar, Alojz. Preparation and application of sulfaguanidine- imprinted polymer on solid-phase extraction of pharmaceuticals from water. // <i>Talanta</i> . 131 (2015); 99-107	4,035 (2015.)	IK
174.	Ozimec, Siniša; Florijančić, Tihomir; Milin Radić, Svjetlana; Bilandžić, Nina; Bošković, Ivica. Bioaccumulation of cadmium and lead in the European badger (<i>Meles meles</i> L.) from the Croatian Danube Region. // <i>Journal of environmental protection and ecology</i> . 16 (2015) , 2; 637-642	0,774 (2016.)	IK
175.	Palaić, Nikolina; Sertić-Bionda, Katica; Margeta, Dunja; Podolski, Štefica. Oxidative desulphurization of diesel fuels. // <i>Chemical and biochemical engineering quarterly</i> . 29 (2015); 3; 323-327	0,675 (2015.)	KI
176.	Panjičko, Mario; Zupančič, Gregor Drago; Zelić, Bruno. Anaerobic biodegradation of raw and pre-treated brewery spent grain utilizing solid state anaerobic digestion. // <i>Acta chimica Slovenica</i> . 62 (2015); 4; 818-827	1,167 (2015.)	KI, IK
177.	Periš, Nenad; Buljac, Maša; Bralić, Marija; Buzuk, Marijo; Brinić, Slobodan; Plazibat, Ivana. Characterization of the air quality in Split, Croatia focusing upon fine and coarse particulate matter analysis. // <i>Analytical letters</i> . 48 (2015); 3; 553-565	1,088 (2015.)	IK
178.	Petrović, Željka; Ristić, Mira; Marciuš, Marijan; Sepiol, Bogdan; Peterlik, Herwig; Ivanda, Mile; Musić, Svetozar. Formation of RuO ₂ nanoparticles by thermal decomposition of Ru(NO)(NO ₃) ₃ . // <i>Ceramics international</i> . 41 (2015); 7811-7815	2,758 (2015.)	IK
179.	Petrović, Željka; Ristić, Mira; Musić, Svetozar; Fabián, Martin. Nano/microstructure and optical properties of ZnO particles precipitated from zinc acetylacetonate. // <i>Journal of molecular structure</i> . 1090 (2015); 121-128	1,780 (2015.)	IK
180.	Petrović, Željka; Ristić, Mira; Musić, Svetozar; Sepiol, Bogdan; Peterlik, Herwig. The formation of ZnO nanoparticles from zinc gluconate. // <i>Ceramics international</i> . 41 (2015); 4975-4981	2,758 (2015.)	IK

181.	Poveda-Reyes, Sara; Mellera-Oglialoro, Leonardo Ruben; Martinez-Haya, Rebeca; Gamboa-Martinez, Tatiana Carolina; Gomez Ribelles, Jose Luis; Gallego Ferrer, Gloria. Reinforcing an injectable gelatin hydrogel with pLLA microfibers: two routes for short fiber production. // <i>Macromolecular materials and engineering</i> . 300 (2015); 977-988	2,834 (2015.)	IK
182.	Poveda-Reyes, Sara; Rodrigo-Navarro, Aleixandre; Gamboa-Martinez, Tatiana C.; Rodriguez-Cabello, Jose C.; Quintanilla-Sierra, Luis; Edlund, Ulrica; Ferrer, Gloria Gallego. Injectable composites of loose microfibers and gelatin with improved interfacial interaction for soft tissue engineering. // <i>Polymer</i> . 74 (2015); 224-234	3,586 (2015.)	IK
183.	Poveda-Reyes, Sara; Gamboa-Martinez, Tatiana C.; Manzano, Sara; Hamdy Doweidar, Mohamed; Gomez Ribelles, Jose Luis; Ochoa, Ignacio; Gallego Ferrer, Gloria. Engineering interpenetrating polymer networks of Poly(2-Hydroxyethyl Acrylate) as ex vivo platforms for articular cartilage regeneration. // <i>International journal of polymeric materials and polymeric biomaterials</i> . 64 (2015); 745-754	1,667 (2015.)	IK
184.	Raić-Malić, Silvana; Meščić, Andrijana. Recent trends in 1, 2, 3-triazolo-nucleosides as promising anti-infective and anticancer agents. // <i>Current medicinal chemistry</i> . 22 (2015); 1462-1499	3,455 (2015.)	KIP, IK
185.	Rastija, Vesna; Agić, Dejan; Tomić, Sanja; Nikolić, Sonja; Hranjec, Marijana; Karminski-Zamola, Grace; Abramić, Marija. Synthesis, QSAR, and molecular dynamics simulation of amidino-substituted nenzimidazoles as dipeptidyl peptidase III inhibitors. // <i>Acta chimica Slovenica</i> . 62 (2015); 4; 867-878	1,167 (2015.)	IK
186.	Rešček, Ana; Kratožil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Active bilayer PE/PCL films for food packaging modified with zinc oxide and casein. // <i>Croatica chemica acta</i> . 88 (2015);4; 461-473	0,732 (2015.)	KI, IK
187.	Ristić, Mira; Marcuš, Marijan; Petrović, Željka; Ivanda, Mile; Musić, Svetozar. Formation and characterization of ribbon-like RuO ₂ /Ru fibers. // <i>Materials letters</i> . 156 (2015); 142-145	2,437 (2015.)	IK
188.	Ristić, Mira; Opačak, Ivana; Štajdohar, Jasenka; Musić, Svetozar. The influence of CTAB and gum arabic on the precipitation of α-FeOOH in a highly alkaline medium. // <i>Journal of molecular structure</i> . 1090 (2015); 129-137	1,780 (2015.)	IK
189.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Effect of in situ formed hydroxyapatite on microstructure of freeze-gelled chitosan-based biocomposite scaffolds. // <i>European polymer journal</i> . 68 (2015); 278-287	3,485 (2015.)	KI, IK
190.	Sović, Irena; Viski, Marko; Bertoša, Branimir; Ester, Katja; Kralj, Marijeta; Hranjec, Marijana; Karminski-Zamola, Grace. Exploring antiproliferative activity of heteroaromatic amides and their fused derivatives using 3D-QSAR, synthesis and biological tests. // <i>Monatshefte für Chemie</i> . 146 (2015); 9; 1503-1517	1,131 (2015.)	IK
191.	Steinberg, Matthew; Kassal, Petar; Kereković, Irena; Steinberg, Ivana. A wireless potentiostat for mobile chemical sensing and biosensing. // <i>Talanta</i> . 143 (2015); 178-183	4,035 (2015.)	IK
192.	Stipković Babić, Maja; Makuc, Damjan; Plavec, Janez; Martinović, Tamara; Kraljević Pavelić, Sandra; Pavelić, Krešimir; Snoeck, Robert; Andrei, Graciela; Schols, Dominique; Wittine, Karlo; Mintas, Mladen. Novel halogenated 3-deazapurine, 7-deazapurine and alkylated 9-deazapurine derivatives of L-ascorbic or imino-L-ascorbic acid: Synthesis, antitumour and antiviral activity evaluations. // <i>European journal of medicinal chemistry</i> . 102 (2015); 288-302	3,902 (2015.)	IK
193.	Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa; Soler, Anna; Clapes, Pere. A new concept for production of (3S, 4R)-6-[(benzyloxycarbonyl)amino]-5, 6-dideoxyhex-2-ulose, a precursor of D-fagomine. // <i>RSC Advances</i> . 5 (2015); 69819-69828	3,289 (2015.)	KI
194.	Sutlović, Davorka; Borić, Igor; Zulim, Tamara; Vučinović, Ana. Identification process of skeletal remains from mass graves: our experience and proposal guidelines. // <i>Legal medicine</i> . 17 (2015); 102-108	1,442 (2015.)	IK

195.	Šabić, Monika; Čižmek, Lara; Vuković Domanovac, Marija; Meštrović, Ernest. Biodegradation of erythromycin with environmental microorganism <i>Pseudomonas aeruginosa</i> 3011. // <i>Chemical and biochemical engineering quarterly</i> . 29 (2015); 3; 367-373	0,675 (2015.)	KI
196.	Šagud, Ivana; Antol, Ivana; Marinić, Željko; Šindler-Kulyk, Marija. Photoinduced intramolecular formal [4 + 2] cycloaddition of aryl-substituted o-vinylstyryl-2-oxazoles to form benzo[f]quinoline derivatives: experimental results and theoretical interpretation. // <i>Journal of organic chemistry</i> . 80 (2015); 9535-9541	4,785 (2015.)	IK
197.	Šamec, Dunja; Gruz, Jiri; Durgo, Ksenija; Kremer, Dario; Kosalec, Ivan; Valek Žulj, Lidija; Martinez, Sanja; Salopek-Sondi, Branka; Piljac-Žegarac, Jasenka. Molecular and cellular approach in the study of antioxidant/prooxidant properties of <i>Micromeria croatica</i> (Pers.) Schott. // <i>Natural product research</i> . 29 (2015); 18; 1770-1774	1,057 (2015.)	IK
198.	Šmidt, Marina; Kušić, Hrvoje Juretić, Daria; Novak Stankov, Mirjana; Ukić, Šime; Bolanča, Tomislav; Rogošić, Marko; Lončarić Božić, Ana. Modeling photooxidative degradation of aromatics in water; optimization study using response surface and structural-relationship approaches. // <i>Industrial & engineering chemistry research</i> . 54 (2015); 20; 5427-5441	2,567 (2015.)	KIP, IK
199.	Štrkalj, Anita; Glavaš, Zoran; Matijašić, Gordana. Removal of Ni (II) and Cr (VI) ions from aqueous solution using by-product from the production of aluminium. // <i>Metalurgija</i> . 54 (2015); 1; 31-34	0,959 (2014.)	KI
200.	Šuran, Jelena; Đuras, Martina; Gomerčić, Tomislav; Bilandžić, Nina; Prevendar Crnić, Andreja. Cadmium and lead concentrations in the tissues of bottlenose dolphins (<i>Tursiops truncatus</i>) and striped dolphins (<i>Stenella coeruleoalba</i>) stranded on the Croatian Adriatic coast. // <i>Veterinarski arhiv</i> . 85 (2015), 6; 677-688	0,321 (2015.)	IK
201.	Tarle, Zrinka; Attin, Thomas; Marović, Danijela; Andermatt, L.; Ristić, Mira; Tauböck, Tobias T. Influence of irradiation time on subsurface degree of conversion and microhardness of high-viscosity bulk-fill resin composites. // <i>Clinical oral investigations</i> . 19 (2015); 4; 831-840	2,207 (2015.)	IK
202.	Tota, Marin; Jakovac, Hrvoje; Špirić, Zdravko; Srebočan, Emil; Milin, Čedomila. Accumulated metals and metallothionein expression in organs of hares (<i>Lepus europaeus</i> Pallas) within natural gas fields of Podravina, Croatia. // <i>Archives of environmental & occupational health</i> . 70 (2015), 3; 126-132	1,603 (2015.)	IK
203.	Touabi, Noura; Martinez, Sanja; Bounoughaz, Moussa. Optimization of electrochemical copper recovery process: effect of the rotation speed in chloride medium of pH=3. // <i>International journal of electrochemical science</i> . 10 (2015); 7227-7240	1,692 (2015.)	IK
204.	Ukić, Šime; Novak, Mirjana; Krilić, Anamarija; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography. Part III: Fuzzy logic QSRR approach. // <i>Chromatographia</i> . 78 (2015); 889-898	1,332 (2015.)	IK
205.	Valek Žulj, Lidija; Serdar, Marijana; Martinez, Sanja. Effect of tartrate on the electrochemical behaviour and semiconductive properties of passive film on steel in saturated calcium hydroxide. // <i>Materials and corrosion</i> . 66 (2015); 11; 1344-1353	1,450 (2015.)	IK
206.	Varenina, Ivana; Bilandžić, Nina; Cvetnić, Luka; Kos, Blaženka; Božić, Đurdica; Solomun Kolanović, Božica; Cvetnić, Željko. Deposition and depletion of maduramicin residues in eggs after oral administration to laying hens determined by LC-MS. // <i>Food additives and contaminants Part A-Chemistry analysis control exposure & risk assessment</i> . 32 (2015), 3; 324-332	1,878 (2015.)	IK
207.	Velić, Natalija; Galović, Olivera; Sak-Bosnar, Milan; Rezić, Tonči; Šantek, Božidar; Stanić, Ana. Optimization of ISEs for simultaneous NH ₄ ⁺ , NO ₃ ⁻ and NO ₂ ⁻ monitoring in synthetic wastewater using Solver. // <i>Environmental engineering and management journal</i> . 14 (2015); 3; 681-688	1,008 (2015.)	IK

208.	Vikingsson, L.; Claessens, B.; Gomez-Tejedor, J. A.; Gallego Ferrer, Gloria; Gomez Ribelles, J. L. Relationship between micro-porosity, water permeability and mechanical behavior in scaffolds for cartilage engineering. // <i>Journal of the mechanical behavior of biomedical materials</i> . 48 (2015); 60-69	2,876 (2015.)	IK
209.	Vikingsson, L.; Gomez-Tejedor, J. A.; Gallego Ferrer, Gloria; Gomez Ribelles, J. L. An experimental fatigue study of a porous scaffold for the regeneration of articular cartilage. // <i>Journal of biomechanics</i> . 48 (2015); 1310-1317	2,431 (2015.)	IK
210.	Vikingsson, Line; Sancho-Tello, Maria; Ruiz-Sauri, Amparo; Martinez Diaz, Santos; Gomez-Tejedor, Jose A.; Gallego Ferrer, Gloria; Carda, Carmen; Monllau, Joan C.; Gomez Ribelles, Jose L. Implantation of a polycaprolactone scaffold with subchondral bone anchoring ameliorates nodules formation and other tissue alterations. // <i>International journal of artificial organs</i> . 38 (2015); 659-666	1,005 (2015.)	IK
211.	Zrnčić, Mirta; Babić, Sandra; Mutavdžić Pavlović, Dragana. Determination of thermodynamic pKa values of pharmaceuticals from five different groups using capillary electrophoresis. // <i>Journal of separation science</i> . 38 (2015); 1232-1239	2,741 (2015.)	KIP, IK
212.	Bačić, Ivana; Otmačić Ćurković, Helena; Ćurković, Lidija; Mandić, Vilko; Šokčević, Zrinka. Corrosion protection of AISI 316L stainless steel with the sol-gel yttria stabilized ZrO ₂ films: effects of sintering temperature and doping. // <i>International journal of electrochemical science</i> . 11 (2016); 9192-9205	1,469 (2016.)	IK
213.	Bilandžić, Nina; Božić Luburić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana; Varga, Ines. Control of levamisole residues in milk using a validated liquid chromatography-tandem mass spectrometry method. // <i>Mljekarstvo</i> . 66 (2016), 2; 146-153	0,631 (2016.)	IK
214.	Bilandžić, Nina; Đokić, Maja; Sedak, Marija; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav. Copper levels in tissues of dolphins <i>Tursiops truncatus</i> , <i>Stenella coeruleoalba</i> and <i>Grampus griseus</i> from the Croatian Adriatic coast. // <i>Bulletin of environmental contamination and toxicology</i> . 97 (2016), 3; 367-373	1,412 (2016.)	IK
215.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Božić Luburić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana; Đokić, Maja; Kmetič, Ivana; Murati, Teuta. Lead concentrations in raw cow and goat milk collected in rural areas of Croatia from 2010 to 2014. // <i>Bulletin of environmental contamination and toxicology</i> . 96 (2016); 645-649	1,412 (2016.)	IK
216.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Zrnčić, Snježana; Oraić, Dražen; Benić, Miroslav; Džafić, Natalija; Mišetić Ostojić, Dijana; Bogdanović, Tanja; Petričević, Sandra; Ujević, Ivana. Element differences and evaluation of the dietary intake from farmed oysters and mussels collected at different sites along the Croatian coast of the Adriatic Sea. // <i>Journal of food composition and analysis</i> . 45 (2016); 39-49	2,752 (2016.)	IK
217.	Bilandžić, Nina; Tanković, Sanin; Jelušić, Vedrana; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurđica; Cvetnić, Željko. Aflatoxin M1 in raw and UHT cow milk collected in Bosnia and Herzegovina and Croatia. // <i>Food control</i> . 68 (2016); 352-377	3,496 (2016.)	IK
218.	Bilandžić, Nina; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurđica; Benić, Miroslav; Cvetnić, Luka; Tanković, Sanin; Cvetnić, Željko. Monitoring of aflatoxin M1 in raw cow milk in Croatia during winter 2015. // <i>Mljekarstvo</i> . 66 (2016), 1; 81-85	0,631 (2016.)	IK
219.	Botti, Valentina; Elisei, Fausto; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Effect of the positional isomerism on the photoreactivity of styryloxazoles. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 316 (2016); 95-103	2,625 (2016.)	IK
220.	Botti, Valentina; Elisei, Fausto; Faraguna, Fabio; Marinić, Željko; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Deactivating effect of the pyridine n, π* states on the photoreactivity of 5-[2-(pyridin-yl)ethenyl]oxazole (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 329 (2016); 262-272	2,625 (2016.)	IK

221.	Brajša, Karmen; Vujasinović, Ines; Jelić, Dubravko; Trzun, Marija; Zlatar, Ivo; Karminski-Zamola, Grace; Hranjec, Marijana. Antitumor activity of amidino-substituted benzimidazole and benzimidazo[1, 2-a]quinoline derivatives tested in 2D and 3D cell culture systems. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 31 (2016); 6; 1139-1145	4,293 (2016.)	IK
222.	Brlenić, Valentina; Kušić, Hrvoje; Juretić, Daria; Lončarić Božić, Ana. Comparative study on photooxidative treatment of diclofenac; response surface and mechanistic modeling. // <i>Journal of water process engineering</i> . 10 (2016); 78-88	3,173 (2018.)	KIP
223.	Broznić, Dalibor; Čanadi Jurešić, Gordana; Milin Čedomila. Involvement of α -, γ -, and δ -Tocopherol isomers from pumpkin (<i>Cucurbita pepo</i> L.) seed oil or oil mixtures in the biphasic DPPH' disappearance kinetics. // <i>Food technology and biotechnology</i> . 54 (2016), 2; 200-210	0,891 (2016.)	IK
224.	Burazer, Sanja; Sopčić, Suzana; Mandić, Zoran. Anodic deposition of lead dioxide at Nafion® covered gold electrode. // <i>Journal of solid state electrochemistry</i> . 20 (2016);11; 3053-3059	2,316 (2016.)	IK
225.	Buzuk, Marijo; Brinić, Slobodan; Vladislavić, Nives; Bralić, Marija; Buljac, Maša; Škugor Rončević, Ivana. Real-time monitoring of "self-oxidation" of cysteine in presence of Cu ²⁺ : Novel findings in the oxidation mechanism. // <i>Monatshefte für Chemie</i> . 147 (2016); 2; 359-367	1,282 (2016.)	IK
226.	Coha, Ivana; Neufuss, Soběslav; Grahek, Željko; Mojmír; Nodilo, Marijana; John, Jan. The effect of counting conditions on pure beta emitter determination by Cherenkov counting. // <i>Journal of radioanalytical and nuclear chemistry</i> . 310 (2016); 2; 891-903	1,282 (2016.)	IK
227.	Čurko-Cofek, Božena; Grubić Kezele, Tanja; Marinić, Jelena; Tota, Marin; Starčević Čizmarević, Nada; Milin, Čedomila; Ristić, Smiljana; Radošević-Stašić, Biserka; Barac-Latas, Vesna. Chronic iron overload induces gender-dependent changes in iron homeostasis, lipid peroxidation and clinical course of experimental autoimmune encephalomyelitis. // <i>Neurotoxicology</i> . 57 (2016); 1-12	3,100 (2016.)	IK
228.	de Souza, Igor O. P.; Schrekker, Clarissa M. L.; Lopes, William; Orru, Romano V. A.; Hranjec, Marijana; Perin, Nataša; Machado, Michel; Oliveira, Luís F; Donato, Ricardo K.; Stefani, Valter; Fuentefria, Alexandre M.; Schrekker, Henri S. Bifunctional fluorescent benzimidazo[1, 2- α]quinolines for <i>Candida</i> spp. biofilm detection and biocidal activity. // <i>Journal of photochemistry and photobiology. B, Biology</i> . 163 (2016); 319-326	2,673 (2016.)	IK
229.	Dolar, Davor; Košutić, Krešimir; Strmecky, Tea. Hybrid processes for treatment of landfill leachate: coagulation/UF/NF-RO and adsorption/UF/NF-RO. // <i>Separation and purification technology</i> . 168 (2016); 39-46	3,359 (2016.)	IK
230.	Drljača, Dijana; Ašperger, Danijela; Ferenčak, Matea; Gavrančić, Marija; Babić, Sandra; Mikac, Iva; Ahel, Marijan. Comparison of four extraction methods for the determination of veterinary pharmaceuticals in sediment. // <i>Chromatographia</i> . 79 (2016); 209-223	1,402 (2016.)	KIP, IK
231.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on their dispersibility and properties of poly(styrene/methacrylate) nanocomposites. // <i>European polymer journal</i> . 84 (2016); 218-235	3,531 (2016.)	IK
232.	Findrik, Zvezdana; Megyeri, Gabor; Gubicza, Laszlo; Bélafi-Bakó, Katalin; Nemestóthy, Nandor; Sudar, Martina. Lipase catalyzed synthesis of glucose palmitate in ionic liquid. // <i>Journal of cleaner production</i> . 112 (2016); 1106-1111	5,715 (2016.)	KI
233.	Findrik, Zvezdana; Tusić, Marko; Vasić-Rački, Đurđa. Stabilization of D-amino acid oxidase via covalent immobilization and mathematical model of D-methionine oxidative deamination catalyzed by immobilized enzyme. // <i>Chemical and biochemical engineering quarterly</i> . 30 (2016); 1; 93-102	0,923 (2016.)	KI
234.	Forget, Jeremy; Awaja, Firas; Gugutkov, Dencho; Gustavsson, Juhan; Gallego Ferrer, Gloria; Coelho-Sampaio, Tatiana; Hochman-Mendez, Camila; Salmeron-Sanchez, Manuel; Altankov, George. Differentiation of human mesenchymal stem cells toward quality cartilage using fibrinogen-based nanofibers. // <i>Macromolecular bioscience</i> . 16 (2016); 1348-1359	3,238 (2016.)	IK

235.	Galović, Olivera; Samardžić, Mirela; Hajduković, Mateja; Sak-Bosnar, Milan. A new graphene-based surfactant sensor for the determination of anionic surfactants in real samples. // <i>Sensors and actuators. B, Chemical</i> . 236 (2016); 257-267	5,401 (2016.)	KIP, IK
236.	Gazivoda Kraljević, Tatjana; Harej, Anja; Sedić, Mirela; Kraljević Pavelić, Sandra; Stepanić, Višnja; Drenjančević, Domagoj; Talapkof, Jasminka; Raić-Malić, Silvana. Synthesis, in vitro anticancer and antibacterial activities and in silico studies of new 4- substituted 1, 2, 3-triazole-coumarin hybrids. // <i>European journal of medicinal chemistry</i> . 124 (2016); 794-808	4,519 (2016.)	KIP, IK
237.	Godec, Ranka; Jakovljević, Ivana; Šega, Krešimir; Čačković, Mirjana; Bešlić, Ivan; Davila, Silvije; Pehnac, Gordana. Carbon species in PM10 particle fraction at different monitoring sites. // <i>Environmental pollution</i> . 216 (2016); 700-710	5,099 (2016.)	IK
238.	Gracin, Leo; Režek Jambrak, Anet; Juretić, Hrvoje; Dobrović, Slaven; Barukčić, Irena; Grozdanović, Martin; Smoljanić, Goran. Influence of high power ultrasound on <i>Brettanomyces</i> and lactic acid bacteria in wine in continuous flow treatment. // <i>Applied acoustics</i> . 103 (2016), Part B; 143-147	1,921 (2016.)	IK
239.	Grahek, Željko; Breznik, Borut; Stojković, Ivana; Coha, Ivana; Nikolov, Jovana; Todorović, Nataša. Measurement of tritium in the Sava and Danube Rivers. // <i>Journal of environmental radioactivity</i> . 162-163 (2016); 56-67	2,310 (2016.)	IK
240.	Grčić, Ivana; Papić, Sanja. Sonochemical treatment of effluent originating from desulfurization process; validation of predictive models. // <i>Applied acoustics</i> . 103 (2016); 232-238	1,921 (2016.)	IK
241.	Habinovec, Iva; Car, Željka; Ribić, Rosana; Galić, Nives; Novak, Predrag; Meštrović, Ernest; Tomić, Srđanka. HPLC monitoring of acid catalyzed conversion of 7-ethyltryptophol to methyl ester of etodolac. // <i>Croatica chemica acta</i> . 89 (2016), 4; 549-553	0,586 (2016.)	KI
242.	Hajdari, Zana; Otmačić Ćurković, Helena; Čadež, Vida; Šegota, Suzana. Corrosion protection of cupronickel alloy by self-assembled films of fatty acids. // <i>Journal of the electrochemical society</i> . 163 (2016); 5; C145-C155	3,259 (2016.)	IK
243.	Hajdari Gretić, Zana; Kristan Mioč, Ekatarina; Čadež, Vida; Šegota, Suzana; Otmačić Ćurković, Helena; Hosseinpour, Saman. The influence of thickness of stearic acid self-assembled film on its protective properties. // <i>Journal of the electrochemical society</i> . 163 (2016); 14; C937-C944	3,259 (2016.)	IK
244.	Harča, Miroslava; Habinovec, Iva; Meštrović, Ernest; Biljan, Ivana; Novak, Predrag. Rapid identification of unknown impurities in 3-bromo-5-(trifluoromethyl)aniline by LC-SPE/NMR. // <i>Croatica chemica acta</i> . 89 (2016), 4; 543-547	0,586 (2016.)	KI
245.	Herceg Romanić, Snježana; Kljaković-Gašpić, Zorana; Bituh, Tomislav; Žužul, Silva; Dvorščak, Marija; Fingler, Sanja; Jurasović, Jasna; Klinčić, Darija; Marović, Gordana; Orct, Tatjana; Rinkovec, Jasmina; Stipičević, Sanja. The impact of multiple anthropogenic contaminants on the terrestrial environment of the Plitvice Lakes National Park, Croatia. // <i>Environmental monitoring and assessment</i> . 188 (2016); 1; 27-1-27-16	1,687 (2016.)	IK
246.	Ivanković, Antonio; Martinez, Sanja; Šoić, Ivana. Suppression of general and localized corrosion by air-dried TiO ₂ nanostructured coatings on AISI 304 stainless steel. // <i>International journal of electrochemical science</i> . 11 (2016); 7660-7673	1,469 (2016.)	IK
247.	Jakovljević, Ivana; Pehnac, Gordana; Šišović, Anica; Vadić, Vladimira; Davila, Silvije; Godec, Ranka. Concentrations of PAHs and other gaseous pollutants in the atmosphere of a rural area. // <i>Journal of environmental science and health. Part A, Toxic/hazardous substances & environmental engineering</i> . 51 (2016); 707-713	1,425 (2016.)	IK
248.	Juretić Perišić, Daria; Gilja, Vanja; Novak Stankov, Mirjana; Katančić, Zvonimir; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Removal of diclofenac from water by zeolite-assisted advanced oxidation processes. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 321 (2016); 238-247	2,625 (2016.)	KIP

249.	Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Marin, Vedrana; Lončarić Božić, Ana. Comparative analysis of UV-C/H ₂ O ₂ and UV-A/TiO ₂ processes for the degradation of diclofenac in water. // <i>Reaction kinetics, mechanisms and catalysis</i> . 118 (2016); 451-462	1,264 (2016.)	KIP
250.	Kerolli-Mustafa, Mihone; Mandić, Vilko; Ćurković, Lidija; Šipušić, Juraj. Investigation of thermal decomposition of jarosite tailing waste: A prerequisite for comprehensive jarosite reuse and waste minimization. // <i>Journal of thermal analysis and calorimetry</i> . 123 (2016); 1; 421-430	1,953 (2016.)	IK
251.	Kerolli-Mustafa, Mihone; Ćurković, Lidija. Analysing the characteristics and application potentials of jarosite waste in Kosovo. // <i>Global NEST Journal</i> . 18 (2016); 1; 89-97	0,665 (2016.)	IK
252.	Knezović, Zlatka; Trgo, Marina; Sutlović, Davorka. Monitoring mercury environment pollution through bioaccumulation in meconium. // <i>Process safety and environmental protection</i> . 101 (2016); 2-8	2,905 (2016.)	IK
253.	Knezović, Zlatka; Trgo, Marina; Sutlović, Davorka. Assessment of environmental pollution through accumulation of lead and cadmium in meconium samples. // <i>Fresenius environmental bulletin</i> . 25 (2016); 12A; 5804-5811	0,425 (2016.)	IK
254.	Koričić, Krešimir; Kušić, Hrvoje; Koprivanac, Natalija; Papić, Sanja. Mineralization of salicylic acid in water by catalytic ozonation. // <i>Environmental engineering and management journal</i> . 15 (2016); 1; 151-166	1,096 (2016.)	KIP, IK
255.	Kosor, Tihomir; Nakić-Alfirević, Barbara; Gajović, Andreja. Geopolymerization Index of fly ash geopolymers. // <i>Vibrational spectroscopy</i> . 85 (2016); 104-111	1,740 (2016.)	IK
256.	Kovačić, Marin; Salaeh, Subhan; Kušić, Hrvoje; Suligoj, Andraz; Kete, Marko; Fanetti, Mattia; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Solar-driven photocatalytic treatment of diclofenac using immobilized TiO ₂ -based zeolite composites. // <i>Environmental science and pollution research</i> . 23 (2016); 17982-17994	2,741 (2016.)	KIP
257.	Kovačić, Marin; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lončarić Božić, Ana. UV photolysis of diclofenac in water; kinetics, degradation pathway and environmental aspects. // <i>Environmental science and pollution research</i> . 23 (2016); 15; 14908-14917	2,741 (2016.)	KIP, IK
258.	Krehula, Stjepko; Ristić, Mira; Kubuki, Shiro; Iida, Yusuke; Kratožil Krehula, Ljerka; Musić, Svetozar. The effects of In ³⁺ doping on the properties of precipitated goethite. // <i>Journal of alloys and compounds</i> . 658 (2016); 41-48	3,133 (2016.)	IK
259.	Križan Milić, Janja; Dražević, Emil; Košutić, Krešimir; Simonić, Marjana. Microfiltration of cutting-oil emulsions enhanced by electrocoagulation. // <i>Desalination and water treatment</i> . 57 (2016); 24; 10959-10968	1,631 (2016.)	IK
260.	Kurajica, Stanislav; Minga, Iva; Guliš, Martina; Mandić, Vilko; Simčić, Ivan. High surface area ceria nanoparticles via hydrothermal synthesis experiment design. // <i>Journal of nanomaterials</i> . 2016 (2016); 7274949-1-7274949-8	1,871 (2016.)	IK
261.	Kurajica, Stanislav; Minga, Iva; Mandić, Vilko; Matijašić, Gordana. Nanocrystalline anatase derived from modified alkoxide mesostructured gel. // <i>Journal of thermal analysis and calorimetry</i> . 124 (2016); 2; 645-655	1,953 (2016.)	KI, IK
262.	Maduna Valkaj, Karolina; Tomašić, Vesna; Katović, Andrea; Bielańska, ElżBieta. Synthesis and characterization of Cu-MFI catalyst for the direct medium temperature range NO decomposition. // <i>Materials science-Poland</i> . 34 (2016); 177-184	0,610 (2016.)	KI, IK
263.	Magdić Košiček, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Different charge storage mechanisms at some carbon electrodes in redox active electrolyte revealed by electrochemical impedance spectroscopy. // <i>Electrochimica acta</i> . 195 (2016); 77-84	4,798 (2016.)	IK
264.	Magdić Košiček, Katja; Kvastek, Krešimir; Horvat-Radošević, Višnja. Hydrogen evolution on Pt and polyaniline modified Pt electrodes—a comparative electrochemical impedance spectroscopy study. // <i>Journal of solid state electrochemistry</i> . 20 (2016); 3003-3013	2,316 (2016.)	IK

265.	Mandić, Vilko; Tkalčec, Emilija; Popović, Jasminka; Kurajica, Stanislav; Schmauch, Jorg. Crystallization pathway of sol-gel derived zinc-doped mullite precursors. // <i>Journal of the European ceramic society</i> . 36 (2016); 5; 1285-1292	3,454 (2016.)	IK
266.	Margeta, Dunja; Grčić, Ivana; Papić, Sanja; Sertić-Bionda, Katica; Foglar, Lucija. Impact of ultrasound application on oxidative desulfurization of diesel fuel and on treatment of resulting wastewater. // <i>Environmental technology</i> . 37 (2016); 3, 1; 293-299	1,751 (2016.)	KI, IK
267.	Margeta, Dunja; Sertić-Bionda, Katica; Foglar, Lucija. Ultrasound assisted oxidative desulfurization of model diesel fuel. // <i>Applied acoustics</i> . 103 (2016); 202-206	1,921 (2016.)	KI
268.	Margeta, Dunja; Ujević Andrijić, Željka; Sertić-Bionda, Katica. Prediction of dibenzothiophene conversion in the ultrasound assisted oxidative desulfurization process by regression model and neural network. // <i>Petroleum science and technology</i> . 34 (2016); 21; 1797-1802	0,655 (2016.)	KI
269.	Marinić, Jelena; Broznić, Dalibor; Milin, Čedomila. Preexposure to olive oil polyphenols extract increases oxidative load and improves liver mass restoration after hepatectomy in mice via stress-sensitive genes. // <i>Oxidative medicine and cellular longevity</i> . 2016 (2016) ; 9191407-1- 9191407-13	4,593 (2016.)	IK
270.	Marović, Danijela; Šariri, Kristina; Demoli, Nazif; Ristić, Mira; Hiller, Karl-Anton; Škrtić, Drago; Rosentritt, Martin; Schmalz, Gottfried; Tarle, Zrinka. Remineralizing amorphous calcium phosphate based composite resins: the influence of inert fillers on monomer conversion, polymerization shrinkage, and microhardness. // <i>Croatian medical journal</i> . 57 (2016); 5; 465-473	1,619 (2016.)	IK
271.	Matijašević, Ljubica; Petrić, Marija. Integration of hydrogen systems in petroleum refinery. // <i>Chemical and biochemical engineering quarterly</i> . 30 (2016) , 3; 291-304	0,923 (2016.)	KI
272.	Mladineo, Ivona; Popović, Marijana; Drmić-Hofman, Irena; Vedra, Poljak. A case report of <i>Anisakis pegreffii</i> (Nematoda, Anisakidae) identified from archival paraffin sections of a Croatian patient. // <i>Bmc infectious diseases</i> . 16 (2016); 42 -1-41-5	2,768 (2016.)	IK
273.	Mužek, Mario Nikola; Svilović, Sandra; Ugrina, Marin; Zelić, Jelica. Removal of copper and cobalt ions by fly ash-based geopolymer from solutions-equilibrium study. // <i>Desalination and water treatment</i> . 57 (2016); 23; 10689-10699	1,631 (2016.)	KI
274.	Mužek, Mario Nikola; Svilović, Sandra; Zelić, Jelica. Kinetic studies of cobalt ion removal from aqueous solutions using fly ash-based geopolymer and zeolite NaX as sorbents. // <i>Separation science and technology</i> . 51 (2016); 18; 2868-2875	1,106 (2016.)	KI
275.	Ninčević Grassino, Antonela; Halambek, Jasna; Djaković, Senka; Rimac Brnčić, Suzana; Dent, Maja; Grabarić, Zorana. Utilization of tomato peel waste from canning factory as a potential source for pectin production and application as tin corrosion inhibitor. // <i>Food hydrocolloids</i> . 52 (2016); 265-274	4,747 (2016.)	IK
276.	Pehnec, Gordana; Jakovljević, Ivana; Šišović, Anica; Bešlić, Ivan; Vadić, Vladimira. Influence of ozone and meteorological parameters on levels of polycyclic aromatic hydrocarbons in the air. // <i>Atmospheric environment</i> . 131 (2016) ; 263-268	3,629 (2016.)	IK
277.	Pelajić, Maja; Peček, Gorana; Mutavdžić Pavlović, Dragana; Vitali Čepo, Dubravka. Novel multiresidue method for determination of pesticides in red wine using gas chromatography-mass spectrometry and solid phase extraction. // <i>Food chemistry</i> . 200 (2016); 98-106	4,529 (2016.)	IK
278.	Perin, Nataša; Nhili, Raja; Cindrić, Maja; Bertoša, Branimir; Vušak, Darko; Martin-Kleiner, Irena; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Amino substituted benzimidazo[1, 2-a]quinolines: Antiproliferative potency, 3D QSAR study and DNA binding properties. // <i>European journal of medicinal chemistry</i> . 122 (2016); 530-545	4,519 (2016.)	IK
279.	Petrović, Željka; Ristić, Mira; Marcius, Marijan; Ivanda, Mile; Đurina, Vedran; Musić, Svetozar. Hydrothermal processing of electrospun fibers in the synthesis of 1D ZnO nanoparticles. // <i>Materials letters</i> . 176 (2016); 278-281	2,572 (2016.)	IK

280.	Pintarić, Sanja; Zeljković, Ivan; Pehnek, Gordana; Neseck, Višnja; Vrsalović, Mislav; Pintarić, Hrvoje. Impact of meteorological parameters and air pollution on emergency department visits for cardiovascular diseases in the metropolitan area of Zagreb, Croatia. // <i>Arhiv za higijenu rada i toksikologiju</i> . 67 (2016), 3; 240-246	1,395 (2016.)	IK
281.	Planinić, Mirela; Zelić, Bruno; Čubel, Ivan; Bucić-Kojić, Ana; Tišma, Marina. Corn forage biological pretreatment by <i>Trametes versicolor</i> in a tray bioreactor. // <i>Waste management & research</i> . 34 (2016); 8; 802-809	1,803 (2016.)	KI, IK
282.	Poveda-Reyes, Sara; Moulisova, Vladimira; Sanmartin-Masia, Esther; Quintanilla-Sierra, Luis; Salmeron-Sanchez, Manuel; Gallego Ferrer, Gloria. Gelatin-hyaluronic acid hydrogels with tuned stiffness to counterbalance cellular forces and promote cell differentiation. // <i>Macromolecular bioscience</i> . 16 (2016); 1311-1324	3,238 (2016.)	IK
283.	Ptiček Siročić, Anita; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murčić, Zlata. Characterization of casein fractions – comparison of commercial casein and casein extracted from cow's milk. // <i>Chemical and biochemical engineering quarterly</i> . 30 (2016); 4; 501-509	0,923 (2016.)	KI, IK
284.	Pustaj, Gordana; Kapor, Frankica; Veinović, Želimir. Olive leaf extract as a corrosion inhibitor of carbon steel in CO ₂ -saturated chloride-carbonate solution. // <i>International journal of electrochemical science</i> . 11 (2016); 7811-7829	1,469 (2016.)	IK
285.	Račić Kozmus, Aleksandra; Žgajnar Gotvajn, Andreja; Lobnik, Aleksandra, Novak, Nina, Klasinc, Aljaž, Zupančič, Gregor Drago. Anaerobic treatment to improve sludge recovery at a deinked fiber pulp and paper mill. // <i>Tappi journal</i> . 15 (2016); 2; 127-137	0,803 (2016.)	KI
286.	Rešček, Ana; Ščetar, Mario; Hrnjak-Murčić, Zlata; Dimitrov, Nino; Galić, Kata. Polyethylene/polycaprolactone nanocomposite films for food packaging modified with magnetite and casein: oxygen barrier, mechanical and thermal properties. // <i>Polymer-plastics technology and engineering</i> . 55 (2016); 14; 1450-1459	1,232 (2016.)	KI, IK
287.	Rogina, Anamarija; Hanžek, Andrija; Pribolšan, Lidija; Gómez-Estrada, Luis; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Macroporous poly(lactic acid) construct supporting the osteoinductive porous chitosan-based hydrogel for bone tissue engineering. // <i>Polymer</i> . 98 (2016); 172-181	3,684 (2016.)	KI, IK
288.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. In situ hydroxyapatite content affects the cell differentiation on porous chitosan/hydroxyapatite scaffolds. // <i>Annals of biomedical engineering</i> . 44 (2016); 4; 1107-1119	3,221 (2016.)	KI, IK
289.	Rogošić, Marko; Sander, Aleksandra; Kojić, Vedran; Parlov Vuković, Jelena. Liquid-liquid equilibria in the ternary and multicomponent systems involving hydrocarbons, thiophene or pyridine and ionic liquid (1-benzyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide). // <i>Fluid phase equilibria</i> . 412 (2016); 39-50	2,473 (2016.)	KI, IK
290.	Runje, Mislav; Babić, Sandra; Meštrović, Ernest; Nekola, Irena; Dujmić-Vučinić, Željka; Vojčić, Nina. Forced degradation of nepafenac: development and validation of stability indicating UHPLC method. // <i>Journal of pharmaceutical and biomedical analysis</i> . 123 (2016); 42-52	3,255 (2016.)	KIP, IK
291.	Rymansaib, Zuhayr; Iravani, Pejman; Emslie, Edward; Medvidović-Kosanović, Martina; Sak-Bosnar, Milan; Verdejo, Raquel; Marken, Frank. All-Polystyrene 3D-printed electrochemical device with embedded carbon nanofiber-graphite-polystyrene composite conductor. // <i>Electroanalysis</i> . 28 (2016); 7; 1517-1523	2,851 (2016.)	IK
292.	Sabater i Serra, Roser; Leon-Boigues, Laia; Sanchez-Laosa, Antonio; Gomez-Estrada, Luis; Gomez Ribelles, Jose Luis; Salmeron-Sanchez, Manuel; Gallego Ferrer, Gloria. Role of chemical crosslinking in material-driven assembly of fibronectin (nano)networks: 2D surfaces and 3D scaffolds. // <i>Colloids and surfaces B-Biointerfaces</i> . 148 (2016); 324-332	3,887 (2016.)	IK

293.	Sačer, Denis; Čapeta, Davor; Šrut Rakić, Iva; Peter, Robert; Petravić, Mladen; Kraljić Roković, Marijana. Tailoring polypyrrole supercapacitive properties by intercalation of graphene oxide within the layer. // <i>Electrochimica acta</i> . 193 (2016); 311-320	4,798 (2016.)	KIP
294.	Salaeh, Subhan; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Diclofenac removal by simulated solar assisted photocatalysis using TiO ₂ -based zeolite catalyst; mechanisms, pathways and environmental aspects. // <i>Chemical engineering journal</i> . 304 (2016); 289-302	6,216 (2016.)	KIP, IK
295.	Sander, Aleksandra; Rogošić, Marko; Slivar, Anamarija; Žuteg, Barbara. Separation of hydrocarbons by means of liquid-liquid extraction with deep eutectic solvents. // <i>Solvent extraction and ion exchange</i> . 34 (2016); 1; 86-98	2,456 (2016.)	KI, IK
296.	Steinberg, Matthew; Kassal, Petar; Steinberg, Ivana. System architectures in wearable electrochemical sensors. // <i>Electroanalysis</i> . 28 (2016); 6; 1149-1169	2,851 (2016.)	IK
297.	Steinberg, Matthew; Tkalčec, Biserka; Murković Steinberg, Ivana. Towards a passive contactless sensor for monitoring resistivity in porous materials. // <i>Sensors and actuators. B, Chemical</i> . 234 (2016); 294-299	5,401 (2016.)	IK
298.	Stolar, Tomislav; Lukin, Stipe; Požar, Josip; Rubčić, Mirta; Day, Graeme M.; Biljan, Ivana; Šišak Jung, Dubravka; Horvat, Gordana; Užarević, Krunoslav; Meštrović, Ernest; Halasz, Ivan. Solid-state chemistry and polymorphism of the nucleobase adenine. // <i>Crystal growth & design</i> . 16 (2016) , 6; 3262-3270	4,055 (2016.)	KI
299.	Sutlović, Davorka; Borić, Igor; Slišković, Livia; Popović, Marijana; Knezović, Zlatka; Nikolić, Ivana; Vučinović, Ana. Bone mineral density of skeletal remains: Discordant results between chemical analysis and DXA method. // <i>Legal medicine</i> . 20 (2016); 18-22	1,276 (2016.)	IK
300.	Šahnić, Damir; Meštrović, Ernest; Jednačak, Tomislav; Habinovec, Iva; Parlov Vuković, Jelena; Novak, Predrag. Monitoring and quantification of omeprazole synthesis reaction by in-line Raman spectroscopy and characterization of the reaction components. // <i>Organic process research & development</i> . 20 (2016) , 12; 2092-2099	2,857 (2016.)	KI
301.	Šalić, Anita; Pindrić, Katarina; Hojnik Podrepšek, Gordana; Novosel, Nikolina; Leitgeb, Maja; Zelić, Bruno. NADH oxidation in a microreactor with an oscillating magnetic field. // <i>Journal of flow chemistry</i> . 6 (2016); 27-32	1,768 (2016.)	KI, IK
302.	Šamec, Dunja; Valek-Žulj, Lidija; Martinez, Sanja; Grúz, Jiří; Piljac, Ante; Piljac-Žegarac, Jasenka. Phenolic acids significantly contribute to antioxidant potency of <i>Gynostemma pentaphyllum</i> aqueous and methanol extracts. // <i>Industrial crops and products</i> . 84 (2016); 104-107	3,181 (2016.)	IK
303.	Šupe-Domić, Daniela; Milas, Goran; Drmić-Hofman, Irena; Rumora, Lada; Martinović Klarić, Irena. Daily salivary cortisol profile: insights from the Croatian Late Adolescence Stress Study (CLASS). // <i>Biochemia medica : časopis hrvatskoga društva medicinskih biokemičara</i> . 26 (2016); 3; 408-420	2,934 (2016.)	IK
304.	Tlak Gajger, Ivana; Kosanović, Marina; Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno. Variations in lead, cadmium, arsenic, and mercury concentrations during honeybee wax processing using casting technology. // <i>Arhiv za higijenu rada i toksikologiju</i> . 67 (2016) ; 223-228	1,395 (2016.)	IK
305.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Periner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Recovery of flavonoids from grape skins by enzyme-assisted extraction. // <i>Separation science and technology</i> . 51 (2016); 2; 255-268	1,106 (2016.)	IK
306.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Periner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Solid-liquid extraction of phenolics from red grape skins. // <i>Acta chimica Slovenica</i> . 63 (2016); 2; 287-297	0,983 (2016.)	IK

307.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Preiner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Multi-response optimisation of ultrasound-assisted extraction for recovery of flavonoids from red grape skins using response surface methodology. // <i>Phytochemical analysis</i> . 27 (2016); 1; 13-22	2,292 (2016.)	IK
308.	Tomić, Tatjana; Milčić, Martina; Uzorinac Nasipak, Nada; Babić, Sandra. Determination of chloride and sulfate in bio-ethanol by ion chromatography. // <i>Indian journal of chemical technology</i> . 23 (2016); 65-70	0,568 (2016.)	KIP, IK
309.	Varenina, Ivana; Bilandžić, Nina; Solomun Kolanović, Božica; Božić, Đurđica; Sedak, Marija; Đokić, Maja; Varga, Ines. Validation of a liquid chromatography-tandem mass spectrometry method for the simultaneous determination of sulfonamides, trimethoprim and dapsone in muscle, egg, milk and honey. // <i>Food additives and contaminants Part A-Chemistry analysis control exposure & risk assessment</i> . 33 (2016) , 4; 656-667	2,047 (2016.)	IK
310.	Vikingsson, L.; Antolinos-Turpin, C. M.; Gomez-Tejedor, J. A.; Gallego Ferrer, Gloria; Gomez Ribelles, J. L. Prediction of the in vivo mechanical behavior of biointegrable acrylic macroporous scaffolds. // <i>Materials science & engineering C-Materials for biological applications</i> . 61 (2016); 651-658	4,164 (2016.)	IK
311.	Vikingsson, Line; Vinals-Guitart, Alvaro; Valera-Martinez, Alfonso; Riera, Jaime; Vidaurre, Ana; Gallego Ferrer, Gloria; Gomez Ribelles, Jose Luis. Local deformation in a hydrogel induced by an external magnetic field. // <i>Journal of materials science</i> . 51 (2016); 9979-9990	2,599 (2016.)	IK
312.	Vladislavić, Nives; Buzuk, Marijo; Brinić, Slobodan; Buljac, Maša; Bralić, Marija. Morphological characterization of ex situ prepared bismuth film electrodes and their application in electroanalytical determination of the biomolecules. // <i>Journal of solid state electrochemistry</i> . 20 (2016); 8; 2241-2250	2,316 (2016.)	IK
313.	Vuk, Dragana; Horváth, Ottó; Marinić, Željko; Škorić, Irena. Functionalization of the benzobicyclo[3.2.1]octadiene skeleton possessing one isolated double bond via photocatalytic oxygenation. // <i>Journal of molecular structure</i> . 1107 (2016); 70-76	1,753 (2016.)	IK
314.	Vurnek, Maja; Brozinčević, Andrijana; Briški, Felicita; Matoničkin Kepčija, Renata. Distributional patterns of fecal indicator bacteria in spring area of Plitvice Lakes National park. // <i>Periodicum biologorum</i> . 118 (2016); 1; 37-44	0,184 (2016.)	KI, IK
315.	Wittine, Karlo; Ratkaj, Ivana; Benci, Krešimir; Suhina, Tomislav; Mandić, Leo; Ilić, Nataša; Kraljević Pavelić, Sandra; Pavelić, Krešimir; Mintas, Mladen. The novel coumarin[3, 2-c]thiophene and its hydroxamic acid and ureido derivatives : synthesis and cytostatic activity evaluations. // <i>Medicinal chemistry research</i> . 25 (2016); 4; 728-737	1,277 (2016.)	IK
316.	Zamfirova, Galina; Gaydarov, Valentin; Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on the mechanical properties of polymethacrylate nanocomposites. // <i>Colloids and surfaces A: physicochemical and engineering aspects</i> . 510 (2016); 169-175	2,714 (2016.)	IK
317.	Bačić, Ivana; Mandić, Vilko; Čurković, Lidija; Otmačić-Čurković, Helena; Kurajica, Stanislav. Thermal and structural studies of sol-gel-derived yttria-doped ZrO ₂ nanoparticles: Effect of annealing condition. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017) , 1; 197-206	2,209 (2017.)	IK
318.	Bilandžić, Nina; Tlak Gajger, Ivana; Kosanović, Marina; Čalopek, Bruno; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Božić Luburića, Đurđica; Varga, Ines; Đokić, Maja. Essential and toxic element concentrations in monofloral honeys from southern Croatia. // <i>Food chemistry</i> . 234 (2017) ; 245-253	4,946 (2017.)	IK
319.	Bilandžić, Nina; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurđica; Varga, Ines; Želježić, Blaženka; Cvetnić, Luka; Benić, Miroslav; Tanković, Sanin; Cvetnić, Željko. Occurrence of aflatoxin M1 in raw cow, goat and sheep milk during spring and autumn in Croatia during 2016. // <i>Toxin reviews</i> . 36 (2017) , 4; 290-296	1,887 (2017.)	IK
320.	Biošić, Martina; Mitrevski, Marija; Babić, Sandra. Environmental behaviour of sulfadiazine, sulfamethazine and their metabolites. // <i>Environmental science and pollution research</i> . 24 (2017) , 10; 9802-9812	2,800 (2017.)	KIP, IK

321.	Biošić, Martina; Škorić, Irena; Beganović, Jasmina; Babić, Sandra. Nitrofurantoin hydrolytic degradation in the environment. // <i>Chemosphere</i> . 186 (2017); 660-668	4,427 (2017.)	KIP, IK
322.	Bistrović, Andrea; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Kraljević Pavelić, Sandra; Cetina, Mario; Raić-Malić, Silvana. Synthesis and anti-proliferative effects of mono- and bis-purinomimetics targeting kinases. // <i>International journal of molecular sciences</i> . 18 (2017), 11; 2292-1-2292-20	3,687 (2017.)	KIP, IK
323.	Bistrović, Andrea; Stipaničev, Nikolina; Opačak-Bernardi, Teuta; Jukić, Marijana; Martinez, Sanja; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Synthesis of 4-aryl-1,2,3-triazolyl appended natural coumarin-related compounds with antiproliferative, radical scavenging activities and intracellular ROS production modification. // <i>New journal of chemistry</i> . 41 (2017), 15; 7531-7543	3,201 (2017.)	KIP, IK
324.	Bocian, Szymon; Škrinjar, Tea; Bolanča, Tomislav; Buszewski, Bogusław. How high pressure unifies solvation processes in liquid chromatography. // <i>Journal of AOAC international</i> . 100 (2017), 6; 1647-1651	1,087 (2017.)	IK
325.	Bolanča, Tomislav; Strahovnik, Tomislav; Ukić, Šime; Novak Stankov, Mirjana; Rogošić, Marko. Modeling of policies for reduction of GHG emissions in energy sector using ANN: case study-Croatia (EU). // <i>Environmental science and pollution research</i> . 24 (2017), 19; 16172-16185	2,800 (2017.)	IK
326.	Bota, Josip; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Brozović, Maja; Hrnjak-Murgić, Zlata. Surface characteristics and enhancement of water vapour properties of paperboard coated with polycaprolactone nanocomposites. // <i>Journal of adhesion science and technology</i> . 31 (2017), 5; 466-486	1,039 (2017.)	KI, IK
327.	Bota, Josip; Vukoje, Marina; Brozović, Maja; Hrnjak-Murgić, Zlata. Reduced water permeability of biodegradable PCL nanocomposite coated paperboard packaging. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017), 4; 417-424	1,383 (2017.)	KI, IK
328.	Botti, V.; Mazzucato, U.; Šindler-Kulyk, Marija; Spalletti A. Proton transfer in the ground and excited state and photobehaviour of the positional isomers of E-5-[2-(pyrid-n-yl)ethenyl]oxazole's (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 333 (2017); 33-39	2,891 (2017.)	IK
329.	Brnardić, Ivan; Čurković, Lidija; Sofilić, Tahir; Mutavdžić Pavlović, Dragana; Matijašić, Gordana; Grčić, Ivana; Rađenović, Anika. Removal of heavy metals and pharmaceuticals from contaminated water using waste sludge – kinetics and mechanisms. // <i>Clean-soil air water</i> . 45 (2017), 7; 1600509-1-1600509-9	1,338 (2017.)	KI, IK
330.	Bucić-Kojić, Ana; Šelo, Gordana; Zelić, Bruno; Planinić, Mirela; Tišma, Marina. Recovery of phenolic acid and enzyme production from corn silage biologically treated by <i>Trametes versicolor</i> . // <i>Applied biochemistry and biotechnology</i> . 181 (2017), 3; 948-960	1,797 (2017.)	KI, IK
331.	Cindrić, Maja; Jambon, Samy; Harej, Anja; Depauw, Sabine; David-Cordonnier, Marie-Hélène; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Novel amidino substituted benzimidazole and benzothiazole benzo[b]thieno-2-carboxamides exert strong antiproliferative and DNA binding properties. // <i>European journal of medicinal chemistry</i> . 136 (2017); 468-479	4,816 (2017.)	IK
332.	Cindrić, Maja; Sović, Irena; Martin-Kleiner, Irena; Kralj, Marijeta; Mašek, Tomislav; Hranjec, Marijana; Starčević, Kristina. Synthesis, antioxidative and antiproliferative activity of methoxy amidino substituted benzamides and benzimidazoles. // <i>Medicinal chemistry research</i> . 26 (2017), 9; 2024-2037	1,607 (2017.)	IK
333.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Đermadi, Jasna; Horvat, Sanja; Bolanča, Tomislav; Marin, Vedrana; Karamanis, Panagiotis; Lončarić Božić, Ana. Prediction of biodegradability of aromatics in water using QSAR modeling. // <i>Ecotoxicology and environmental safety</i> . 139 (2017); 139-149	3,974 (2017.)	KIP, IK
334.	Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Photooxidative degradation of pesticides in water; response surface modeling approach. // <i>Journal of advanced oxidation technologies</i> . 20 (2017), 1; 20160172-1-20160172-14	0,901 (2017.)	KIP, IK

335.	Čizmić, Mirta; Babić, Sandra; Kaštelan-Macan, Marija. Multi-class determination of pharmaceuticals in wastewaters by solid-phase extraction and liquid chromatography tandem mass spectrometry with matrix effect study. // <i>Environmental science and pollution research</i> . 24 (2017) , 25; 20521-20539	2,800 (2017.)	KIP, IK
336.	Čizmić, Mirta; Ljubas, Davor; Ćurković, Lidija; Škorić, Irena; Babić, Sandra. Kinetics and degradation pathways of photolytic and photocatalytic oxidation of the anthelmintic drug praziquantel. // <i>Journal of hazardous materials</i> . 323 (2017) , Part A; 500-512	6,434 (2017.)	KIP, IK
337.	Čorić, Danko; Ćurković, Lidija; Majić Renjo, Marijana. Statistical analysis of Vickers indentation fracture toughness of Y-TZP ceramics. // <i>Transactions of Famena</i> . 41 (2017) , 2; 1-16	0,797 (2017.)	IK
338.	Čorić, Danko; Majić Renjo, Marijana; Ćurković, Lidija. Vickers indentation fracture toughness of Y-TZP dental ceramics. // <i>International journal of refractory metals & hard materials</i> . 64 (2017) ; 14-19	2,606 (2017.)	IK
339.	Ćurković, Lidija; Jukić, Mirela; Šokčević, Zrinka; Majić Renjo, Marijana. Woody biomass fly ash as a low-cost sorbent for the removal of ionic dye from aqueous solution: Isotherm, kinetic modelling and thermodynamics. // <i>Desalination and water treatment</i> . 89 (2017) ; 171-180	1,383 (2017.)	IK
340.	Ćurković, Lidija; Žmak, Irena; Kurajica, Stanislav; Tonković, Martina Eva; Šokčević, Zrinka; Majić Renjo, Marijana. From eggshells biowaste to hydroxyapatite biomaterial. // <i>Materialwissenschaft und Werkstofftechnik</i> . 48 (2017) , 8; 797-802	0,625 (2017.)	IK
341.	Delmote, Josephine; Teruel-Biosca, Laura; Gómez Ribelles, José Luis; Gallego Ferrer, Gloria. Emulsion based microencapsulation of proteins in poly(L-lactic acid) films and membranes for the controlled release of drugs. // <i>Polymer degradation and stability</i> . 146 (2017) ; 24-33	3,193 (2017.)	IK
342.	Denžić Lugomer, Marija; Pavliček, Damir; Bilandžić, Nina; Majnarić, Darko. Determination of benzimidazole residues and their metabolites in raw milk using high performance liquid chromatography-diode array detection. // <i>Mljekarstvo</i> . 67 (2017) , 3; 231-238	0,529 (2017.)	IK
343.	Dolar, Davor; Drašić, Nina; Košutić, Krešimir; Škorić, Irena; Ašperger, Danijela. Adsorption of hydrophilic and hydrophobic pharmaceuticals on RO/NF membranes: Identification of interactions using FTIR. // <i>Journal of applied polymer science</i> . 134 (2017) , 5; 44426-1-44426-12	1,901 (2017.)	IK
344.	Dražević, Emil; Košutić, Krešimir; Svalina, Marin; Catalano, Jacopo. Permeability of uncharged organic molecules in reverse osmosis desalination membranes. // <i>Water research</i> . 116 (2017) ; 13-22	7,051 (2017.)	IK
345.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 375-383	1,383 (2017.)	KI, IK
346.	Faraguna, Fabio; Kraguljac, Kornelije; Vidović, Elvira; Jukić, Ante. Crystallization and pour point of solutions of the dispersant Poly(Styrene-Co-Methacrylate) viscosity modifiers in lubricating base oil. // <i>Tribology transactions</i> . 60 (2017) , 6; 1063-1069	1,723 (2017.)	IK
347.	Faraguna, Fabio; Racar, Marko; Glasovac, Zoran; Jukić, Ante. Correlation method for conversion determination of biodiesel obtained from different alcohols by ¹ H NMR spectroscopy. // <i>Energy & fuels</i> . 31 (2017) , 4; 3943-3948	3,024 (2017.)	IK
348.	Franić, Zdenko; Marović, Gordana; Petrinec, Branko; Branica, Gina. Post-Chernobyl investigations of radiocesium activity concentrations in cistern waters along the Croatian Coast of the Adriatic Sea. // <i>Health physics</i> . 113 (2017) , 3; 167-174	0,993 (2017.)	IK
349.	Gilabert-Chirivella, Eduardo; Pérez-Feito, Ricardo; Ribeiro, Clarisse; Ribeiro, Sylvie; Correia, Daniela M.; González-Martín, Maria Luisa; Manero, José María; Lanceros-Méndez, Senentxu; Gallego Ferrer, Gloria; Gómez-Ribelles, José Luis. Chitosan patterning on titanium implants. // <i>Progress in organic coatings</i> . 111 (2017) ; 23-28	2,955 (2017.)	IK
350.	Gilja, Vanja; Novaković, Katarina; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata; Kraljić Roković, Marijana; Žic, Mark. Stability and synergistic effect of polyaniline/TiO ₂ photocatalysts in degradation of Azo dye in wastewater. // <i>Nanomaterials</i> . 7 (2017) , 12; 412-1-412-16	3,504 (2017.)	KIP, KI, IK

351.	Grčić, Ivana; Brnardić, Ivan; Mutavdžić Pavlović, Dragana; Mandić, Vilko; Papić, Sanja. Photocatalytic activity of synthesized titanate nanotubes and nanoribbons vs. commercial TiO ₂ under artificial solar and visible irradiation using 17β-estradiol as model micropollutant. // <i>Desalination and water treatment</i> . 67 (2017) ; 300-308	1,383 (2017.)	IK
352.	Grčić, Ivana; Koprivanac, Natalija; Andričević, Roko. Reliability study of laboratory scale water treatment by advanced oxidation processes. // <i>Environmental engineering and management journal</i> . 16 (2017) , 1; 1-13	1,334 (2017.)	IK
353.	Gregorić, Tomislav; Sedić, Mirela; Grbčić, Petra; Tomljenović Paravić, Andrea; Kraljević Pavelić, Sandra; Cetina, Mario; Vianello, Robert; Raić-Malić, Silvana. Novel pyrimidine-2,4-dione-1,2,3-triazole and furo[2, 3-d]pyrimidine-2-one-1,2,3-triazole hybrids as potential anti-cancer agents: Synthesis, computational and X-ray analysis and biological evaluation. // <i>European journal of medicinal chemistry</i> . 125 (2017) ; 1247-1267	4,816 (2017.)	KIP, IK
354.	Gugutkov, Dencho; Awaja, Firas; Belemezova, Kalina; Keremidarska, Milena; Krasteva, Natalia; Kyurkchiev, Stanimir; Gallego Ferrer, Gloria; Seker, Sukran; Elçin, Eser Ayşe; Elçin, Yaşar Murat; Altankov, George. Osteogenic differentiation of mesenchymal stem cells using hybrid nanofibers with different configurations and dimensionality. // <i>Journal of biomedical materials research Part A</i> . 105 (2017) , 7; 2065-2074	3,231 (2017.)	IK
355.	Hajduković, Mateja; Samardžić, Mirela; Galović, Olivera; Sečenji, Aleksandar; Sak-Bosnar, Milan. A functionalized nanomaterial based, new, solid state cationic-surfactant-selective sensor with fast response and low noise. // <i>Sensors and actuators. B, Chemical</i> . 251 (2017) ; 795-803	5,667 (2017.)	KIP, IK
356.	Herner, Željko; Kučić, Dajana; Zelić, Bruno. Biodegradation of imidacloprid by composting process. // <i>Chemical papers</i> . 71 (2017) ; 13-20	0,963 (2017.)	KI, IK
357.	Horak, Ema; Hranjec, Marijana; Vianello, Robert; Steinberg, Ivana. Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. // <i>Dyes and pigments</i> . 142 (2017) ; 108-115	3,767 (2017.)	IK
358.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Krištafor, Svjetlana; Karminski Zamola, Grace; Murković Steinberg, Ivana. Benzimidazole acrylonitriles as multifunctional push-pull chromophores: spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . 178 (2017) ; 225-233	2,880 (2017.)	IK
359.	Horvat-Radošević, Višnja; Kvastek, Krešimir; Magdić Košiček, Katja. Application of Stoynov's 4-D analysis for nonstationary impedance spectra corrections of thin poly(o-ethoxyaniline) modified Pt electrode. // <i>Bulgarian chemical communications</i> . 49 (2017) , C; 119-127	0,242 (2017.)	IK
360.	Hranjec, Marijana; Horak, Ema; Babić, Darko; Plavljanin, Sanela; Srdović, Zrinka; Murković Steinberg, Ivana; Vianello, Robert; Perin, Nataša. Fluorescent benzimidazo[1,2-a]quinolines: synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. // <i>New journal of chemistry</i> . 41 (2017) , 1; 358-371	3,201 (2017.)	IK
361.	Jozanović, Marija; Hajduković, Mateja; Galović, Olivera; Kralik, Gordana; Kralik, Zlata; Sakač, Nikola; Medvidović-Kosanović, Martina; Sak-Bosnar, Milan. Determination of anti-oxidative histidine dipeptides in poultry by microchip capillary electrophoresis with contactless conductivity detection. // <i>Food chemistry</i> . 221 (2017) ; 1658-1665	4,946 (2017.)	IK
362.	Jukić, Ante; Faraguna, Fabio; Franjić, Ivana; Kuzmić, Sunčica. Molecular interaction and viscometric behavior of mixtures of polyolefin and poly(styrene-co-dodecyl methacrylate-co-octadecyl methacrylate) rheology modifiers in solution of lubricating base oil. // <i>Journal of industrial and engineering chemistry</i> . 56 (2017) ; 270-276	4,841 (2017.)	IK
363.	Jukić, Mirela; Ćurković, Lidija; Šabarić, Jasenka; Kerolli-Mustafa, Mihone. Fractionation of heavy metals in fly ash from wood biomass using the BCR sequential extraction procedure. // <i>Bulletin of environmental contamination and toxicology</i> . 99 (2017) , 4; 524-529	1,480 (2017.)	IK

364.	Juretić Perišić, Daria; Belet, Alexandre; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Lončarić Božić, Ana. Comparative study on photocatalytic treatment of diclofenac: slurry vs. immobilized processes. // <i>Desalination and water treatment</i> . 81 (2017) ; 170-185	1,383 (2017.)	KIP
365.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Mathematical modelling of polyphenol extraction by aqueous two-phase system in continuously operated macro- and micro-extractors. // <i>Separation science and technology</i> . 52 (2017) , 5; 864-875	1,200 (2017.)	KI, IK
366.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Catechol removal from aqueous media using laccase immobilized in different macro- and microreactor systems. // <i>Applied biochemistry and biotechnology</i> . 182 (2017) , 4; 1575-1590	1,797 (2017.)	KI, IK
367.	Karnaš, Maja; Sakač, Nikola; Jozanović, Marija; Tsakiri, Maria; Kopriva, Martina, Kovač-Andrić, Elvira; Sak-Bosnar, Milan. The influence of plasticisers on response characteristics of anionic surfactant potentiometric sensor. // <i>International journal of electrochemical science</i> . 12 (2017) ; 5921-5933	1,369 (2017.)	IK
368.	Kassal, Petar; Zubak, Marko; Scheipl, Gregor; Mohr, Gerhard J.; Steinberg, Matthew; Murković Steinberg, Ivana. Smart bandage with wireless connectivity for optical monitoring of pH. // <i>Sensors and actuators. B, Chemical</i> . 246 (2017) ; 455-460	5,667 (2017.)	IK
369.	Katančić, Zvonimir; Grčić, Ivana; Hrnjak-Murgić, Zlata. Kinetic study of thermal degradation of highimpact polystyrene nanocomposites with different flame retardants using isoconversional and model fitting methods. // <i>Croatica chemica acta</i> . 90 (2017) , 3; 401-411	0,705 (2017.)	KI, IK
370.	Katančić, Zvonimir; Šuka, Sniježana; Vrbat, Katarina; Tašić, Aleksandar, Hrnjak-Murgić, Zlata. Synthesis of Pedot/ZnO photocatalyst: Validation of photocatalytic activity by degradation of AZO RR45 dye under solar and UV-A irradiation. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 385-394	1,383 (2017.)	KI, IK
371.	Katava, Robert; Zorko, Franjo; Mance, Ana Dunja; Otmačić Ćurković, Helena; Pavlović, Gordana. Synthesis and structure of 4-methyl-1-N-(p-tolyl)imidazole as organic corrosion inhibitor. // <i>Molecular crystals and liquid crystals</i> . 642 (2017) , 1; 29-37	0,633 (2017.)	IK
372.	Katić, Višnja; Ćurković, Lidija; Bošnjak Ujević, Magdalena; Peroš, Kristina; Mandić, Davor; Špalj, Stjepan. Effect of pH, fluoride and hydrofluoric acid concentration on ion release from NiTi wires with various coatings.. // <i>Dental materials journal</i> . 36 (2017) , 2; 149-156	1,205 (2017.)	IK
373.	Kerolli-Mustafa, Mihone; Ćurković, Lidija; Ujević Bošnjak, Magdalena; Rezić, Tonči. Environmental Hazard Assessment of Jarosite Waste Using Batch Leaching Tests. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 403-415	1,383 (2017.)	IK
374.	Kobzi, Balazs; Kuzmann, Erno; Sinko, Katalin; Homonnay, Zoltan; Ristić, Mira; Krehula, Stjepko; Nishida, Tetsuaki; Kubuki, Shiro. The relationship between Sn ^{II} fraction and visible light activated photocatalytic activity of SnO _x :SiO ₂ glass studied by Mössbauer spectroscopy. // <i>Journal of radioanalytical and nuclear chemistry</i> . 311 (2017) , 3; 1859-1865	1,181 (2017.)	IK
375.	Kobzi, Balázs; Watanabe, Yuka; Akiyama, Kazuhiko; Kuzmann, Ernő; Homonnay, Zoltán; Krehula, Stjepko; Ristić, Mira; Nishida, Tetsuaki; Kubuki, Shiro. 57Fe-Mössbauer study and methylene blue decomposing effect of nanoparticle mixtures composed of metallic iron and maghemite. // <i>Journal of alloys and compounds</i> . 722 (2017) ; 94-100	3,779 (2017.)	IK
376.	Kokan, Zoran; Perić, Berislav; Vazdar, Mario; Marinić, Željko; Vikić-Topić, Dražen; Meštrović, Ernest; Kirin, Srećko I. Metal-induced supramolecular chirality inversion of small self-assembled molecules in solution. // <i>Chemical communications</i> . 53 (2017) , 12; 1945-1948	6,290 (2017.)	KI
377.	Kovačić, Marin; Kušić, Hrvoje; Fanetti, Mattia; Lavrenčić Štangar, Urška; Valant, Matjaž; Dionysiou, Dionysios D.; Lončarić Božić, Ana. TiO ₂ -SnS ₂ nanocomposites: solar-active photocatalytic materials for water treatment. // <i>Environmental science and pollution research</i> . 24 (2017) , 24; 19965-19979	2,800 (2017.)	KIP

378.	Kraljić Roković, Marijana; Ljubek, Gabrijela; Žic, Mark; Popović, Jasminka. Electrochemical characterisation of sol-gel derived SnO ₂ for supercapacitor application. // <i>Croatica chemica acta</i> . 90 (2017), 2; 289-295	0,705 (2017.)	KIP
379.	Kratofil Krehula, Ljerka; Papić, Ana; Krehula, Stjepko; Gilja, Vanja; Foglar, Lucija; Hrnjak-Murgić, Zlata. Properties of UV protective films of poly(vinylchloride)/TiO ₂ nanocomposites for food packaging. // <i>Polymer bulletin</i> . 74 (2017), 4; 1387-1404	1,589 (2017.)	KI, IK
380.	Krehula, Stjepko; Ristić, Mira; Reissner, Michael; Kubuki, Shiro; Musić, Svetozar. Synthesis and properties of indium-doped hematite. // <i>Journal of alloys and compounds</i> . 695 (2017); 1900-1907	3,779 (2017.)	IK
381.	Kučić, Dajana; Kopčić, Nina; Briški, Felicita. Biodegradation of agro-industrial waste. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017), 4; 369-374	1,383 (2017.)	KI, IK
382.	Kurajica, Stanislav; Minga, Iva; Grčić, Ivana; Mandić, Vilko; Plodinec, Milivoj. The utilization of modified alkoxide as a precursor for solvothermal synthesis of nanocrystalline titania. // <i>Materials chemistry and physics</i> . 196 (2017); 194-204	2,210 (2017.)	IK
383.	Mandić, Zoran. Electrochemical methods in drug discovery and development. // <i>Bulgarian chemical communications</i> . 49 (2017), SI C; 65-73	0,242 (2017.)	IK
384.	Meščić, Andrijana; Šalić, Anita; Gregorić, Tomislav; Zelić, Bruno; Raić-Malić, Silvana. Continuous flow-ultrasonic synergy in click reactions for the synthesis of novel 1,2,3-triazolyl appended 4,5-unsaturated L-ascorbic acid derivatives. // <i>RSC Advances</i> . 7 (2017), 2; 791-800	2,936 (2017.)	KIP, KI, IK
385.	Meštrović, Jakov; Pogorelić, Zenon; Drmić-Hofman, Irena; Vilović, Katarina; Todorčić, Davor; Popović, Marijana. Protective effect of urapidil on testicular torsion-detorsion injury in rats. // <i>Surgery today</i> . 47 (2017), 3; 393-398	2,501 (2017.)	IK
386.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Grčić, Ivana; Šimić, Iva; Župan, Josip. Isotherm, kinetic and thermodynamic study of ciprofloxacin sorption on sediments. // <i>Environmental science and pollution research</i> . 24 (2017), 11; 10091-10106	2,800 (2017.)	IK
387.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Macan, Jelena; Žižek, Krunoslav. Eggshell as a new biosorbent for the removal of the pharmaceuticals from aqueous solutions. // <i>Clean-soil air water</i> . 45 (2017), 12; 1700082-1-1700082-14	1,338 (2017.)	IK
388.	Pandurić, Nikola; Šalić, Anita; Zelić, Bruno. Fully integrated biotransformation of fumaric acid by permeabilized baker's yeast cells with in situ separation of L-malic acid using ultrafiltration, acidification and electro dialysis. // <i>Biochemical engineering journal</i> . 125 (2017); 221-229	3,226 (2017.)	KI, IK
389.	Panjičko, Mario; Zupančič, Gregor Drago; Fanel, Lijana; Marinšek Logar, Romana; Tišma, Marina; Zelić, Bruno. Biogas production from brewery spent grain as a mono-substrate in a two-stage process composed of solid-state anaerobic digestion and granular biomass reactors. // <i>Journal of cleaner production</i> . 166 (2017); 519-529	5,651 (2017.)	KI, IK
390.	Perin, Nataša; Bobanović, Kristina; Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Koštrun, Sanja; Gabelica Marković, Vesna; Brajša, Karmen; Hranjec, Marijana. Antiproliferative activity of amino substituted benzo[b]thieno[2,3-b]pyrido[1,2-a]benzimidazoles explored by 2D and 3D cell culture system. // <i>European journal of medicinal chemistry</i> . 125 (2017); 722-735	4,816 (2017.)	IK
391.	Perin, Nataša; Starčević, Kristina; Perić, Mihaela; Čipčić Paljetak, Hana; Matijašić, Mario; Stepanić, Višnja; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Synthesis and SAR study of novel amidino 2-substituted benzimidazoles as potential antibacterial agents. // <i>Croatica chemica acta</i> . 90 (2017), 2; 145-154	0,705 (2017.)	IK
392.	Petrović, Željka; Ristić, Mira; Musić, Svetozar. The effect of sodium polyanethol sulfonate on the precipitation of zinc oxide. // <i>Journal of alloys and compounds</i> . 694 (2017); 1331-1337	3,779 (2017.)	IK
393.	Petrović, Željka; Ristić, Mira; Musić, Svetozar; Fabián, Martin. The effect of gum arabic on the nano / microstructure and optical properties of precipitated ZnO. // <i>Croatica chemica acta</i> . 90 (2017), 2; 135-143	0,705 (2017.)	IK
394.	Petrušić, Sanja; Samardžić, Mirela; Sečenji, Aleksandar; Sak-Bosnar, Milan. Application of a new functionalized MWCNTs for the construction of surfactant potentiometric sensors. // <i>Croatica chemica acta</i> . 90 (2017), 2; 241-250	0,705 (2017.)	KIP, IK

395.	Plavac, Bojan; Grčić, Ivana; Brnardić, Ivan; Grozdanić, Vedrana; Papić, Sanja. Kinetic study of salicylic acid photocatalytic degradation using sol-gel anatase thin film with enhanced long-term activity. // <i>Reaction kinetics mechanisms and catalysis</i> . 120 (2017), 1; 385-401	1,515 (2017.)	IK
396.	Pustaj, Gordana; Kapor, Frankica; Jakovljević, Suzana. Carbon dioxide corrosion of carbon steel and corrosion inhibition by natural olive leaf extract. // <i>Materialwissenschaft und Werkstofftechnik</i> . 48 (2017), 2; 122-138	0,625 (2017.)	IK
397.	Racar, Marko; Dolar, Davor; Košutić, Krešimir. Chemical cleaning of flat sheet ultrafiltration membranes fouled by effluent organic matter. // <i>Separation and purification technology</i> . 188 (2017); 140-146	3,927 (2017.)	IK
398.	Racar, Marko; Dolar, Davor; Špehar, Ana; Košutić, Krešimir. Application of UF/NF/RO membranes for treatment and reuse of rendering plant wastewater. // <i>Process safety and environmental protection</i> . 105 (2017); 386-392	3,441 (2017.)	IK
399.	Racar, Marko; Dolar, Davor; Špehar, Ana; Kraš, Ana; Košutić, Krešimir. Optimization of coagulation with ferric chloride as a pretreatment for fouling reduction during nanofiltration of rendering plant secondary effluent. // <i>Chemosphere</i> . 181 (2017); 485-491	4,427 (2017.)	IK
400.	Radan, Mila; Carev, Ivana; Tešević, Vele; Politeo, Olivera; Čikeš Čulić, Vedrana. Qualitative HPLC-DAD-ESI-TOF-MS analysis, cytotoxic and apoptotic effects of Croatian endemic <i>Centaurea ragusina</i> L. aqueous extracts. // <i>Chemistry & biodiversity</i> . 14 (2017), 9; e1700099-1-e1700099-9	1,617 (2017.)	IK
401.	Radojčić Redovniković, Ivana; De Marco, Alessandra; Proietti, Chiara; Hanousek, Karla; Sedak, Marija; Bilandžić, Nina; Jakovljević, Tamara. Poplar response to cadmium and lead soil contamination. // <i>Ecotoxicology and environmental safety</i> . 144 (2017); 482-489	3,974 (2017.)	IK
402.	Rinkovec, Jasmina; Pehnec, Gordana; Žužul, Silva; Rončević, Sanda. Determination of platinum group elements in particulate matter by inductively coupled plasma mass spectrometry. // <i>Bulletin of environmental contamination and toxicology</i> . 98 (2017), 5; 672-676	1,480 (2017.)	IK
403.	Ristić, Mira; Krehula, Stjepko; Reissner, Michael; Jean, Malick; Hannoyer, Beatrice; Musić, Svetozar. Synthesis and properties of precipitated cobalt ferrite nanoparticles. // <i>Journal of molecular structure</i> . 1140 (2017); 32-38	2,011 (2017.)	IK
404.	Ristić, Mira; Krehula, Stjepko; Reissner, Michael; Musić, Svetozar. 57Fe-Mössbauer, XRD, FT-IR, FE SEM analyses of natural goethite, hematite and siderite. // <i>Croatica chemica acta</i> . 90 (2017), 3; 499-507	0,705 (2017.)	IK
405.	Rogina, Anamarija; Antunović, Maja; Pribolšan, Lidija; Caput Mihalić, Katarina; Vukasović, Andreja; Ivković, Alan; Marijanović, Inga; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Human mesenchymal stem cells differentiation regulated by hydroxyapatite content within chitosan-based scaffolds under perfusion conditions. // <i>Polymers</i> . 9 (2017), 9; 387-1-387-14	2,935 (2017.)	KI, IK
406.	Rogina, Anamarija; Ressler, Antonia; Matić, Igor; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Cellular hydrogels based on pH-responsive chitosan-hydroxyapatite system. // <i>Carbohydrate polymers</i> . 166 (2017); 173-182	5,158 (2017.)	KI, IK
407.	Romac, Rinaldo; Barak, Otto; Glavaš, Duška; Sušilović Grabovac, Zora; Lozo, Petar; Roje, Igor; Čaljkušić, Krešimir; Drmić-Hofman, Irena; Davis, James T.; Dujčić, Željko; Lovering, Andrew T.. Characterization of blood flow through intrapulmonary arteriovenous anastomoses and patent foramen ovale at rest and during exercise in stroke and transient ischemic attack patients. // <i>Echocardiography-a journal of cardiovascular ultrasound and allied techniques</i> . 34 (2017), 5; 676-682	1,197 (2017.)	IK
408.	Roncarati, Alessandra; Felici, Alberto; Magi, Gian Enrico; Bilandžić, Nina; Melotti, Paolo. Growth and survival of cupped oysters (<i>Crassostrea gigas</i>) during nursery and pregrowing stages in open sea facilities using different stocking densities. // <i>Aquaculture international</i> . 25 (2017), 5; 1777-1785	1,283 (2017.)	IK
409.	Sačar, Denis; Kralj, Magdalena; Sopčić, Suzana; Košević, Milica; Dekanski, Aleksandar; Kraljić Roković, Marijana. Supercapacitors based on graphene/pseudocapacitive materials. // <i>Journal of the Serbian chemical society</i> . 82 (2017), 4; 411-416	0,797 (2017.)	KIP

410.	Sakač, Nikola; Jozanović, Marija; Karnaš, Maja; Sak-Bosnar, Milan. A new sensor for determination of anionic surfactants in detergent products with carbon nanotubes as solid contact. // <i>Journal of surfactants and detergents</i> . 20 (2017), 4; 881-889	1,454 (2017.)	IK
411.	Sakač, Nikola; Karnaš, Maja; Jozanović, Marija; Medvidović-Kosanović, Martina; Martinez, Sanja; Macan, Jelena; Sak-Bosnar, Milan. Determination of anionic surfactants in real samples using low-cost and high sensitive solid contact surfactant sensor with MWCNTs as ion-to-electron transducer. // <i>Analytical methods</i> . 9 (2017); 2305-2314	2,073 (2017.)	IK
412.	Salaeh, Subhan; Kovačić, Marin; Kosir, Dominik; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reuse of TiO ₂ -based catalyst for solar driven water treatment; thermal and chemical reactivation. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 333 (2017); 117-129	2,891 (2017.)	KIP
413.	Samardžić, Mirela; Galović, Olivera; Hajduković, Mateja; Sak-Bosnar, Milan. A novel, fast responding, low noise potentiometric sensor containing a carbon-based polymeric membrane for measuring surfactants in industrial and environmental applications. // <i>Talanta</i> . 162 (2017); 316-323	4,244 (2017.)	KIP, IK
414.	Sander, Aleksandra; Rogošić, Marko; Ferčec, Borna; Parlov Vuković, Jelena. Liquid-liquid equilibrium for the systems hydrocarbon-thiophene or pyridine-1-hexyl-3,5-dimethylpyridinium bis(trifluoromethylsulfonyl)imide. // <i>Separation science and technology</i> . 52 (2017), 16; 2557-2572	1,200 (2017.)	KI, IK
415.	Sanmartín-Masiá, Esther; Poveda-Reyes, Sara; Gallego Ferrer, Gloria. Extracellular matrix-inspired gelatin/hyaluronic acid injectable hydrogels. // <i>International journal of polymeric materials and polymeric biomaterials</i> . 66 (2017), 6; 280-288	2,127 (2017.)	IK
416.	Skoko, Božena; Marović, Gordana; Babić, Dinko; Šoštarić, Marko; Jukić, Mirela. Plant uptake of ²³⁸ U, ²³⁵ U, ²³² Th, ²²⁶ Ra, ²¹⁰ Pb and ⁴⁰ K from a coal ash and slag disposal site and control soil under field conditions: A preliminary study. // <i>Journal of environmental radioactivity</i> . 172 (2017); 113-121	2,263 (2017.)	IK
417.	Stipković Babić, Maja; Ratković, Ana; Jukić, Marijana; Glavaš-Obrovac, Ljubica; Drenjančević, Domagoj; Raić-Malić, Silvana; Gazivoda Kraljević, Tatjana. Synthesis, cytostatic and antibacterial evaluations of novel 1,2,3-Triazolyl-tagged pyrimidine and Furo[2,3-d]pyrimidine derivatives. // <i>Croatica chemica acta</i> . 90 (2017), 2; 197-205	0,705 (2017.)	KIP, IK
418.	Šagud, Ivana; Levačić, Marko; Marinić, Željko; Škorić, Irena. Formation of polycyclic skeleton via photochemical transformations of new pyridyl- and thienylbutadiene derivatives. // <i>European journal of organic chemistry</i> . 2017 (2017), 26; 3787-3794	2,882 (2017.)	IK
419.	Tireli, Martina; Maračić, Silvija; Lukin, Stipe; Juribašić Kulcsar, Marina; Žilić, Dijana; Cetina, Mario; Halasz, Ivan; Raić-Malić, Silvana; Užarević, Krunoslav. Solvent-free copper-catalyzed click chemistry for the synthesis of novel N-heterocyclic hybrids based on quinolone and 1,2,3-triazole. // <i>Beilstein journal of organic chemistry</i> . 13 (2017), 13; 2352-2363	2,330 (2017.)	IK
420.	Tireli, Martina; Starčević, Kristina; Martinović, Tamara; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Antioxidative and antiproliferative activities of novel pyrido[1,2-a]benzimidazoles. // <i>Molecular diversity</i> . 21 (2017), 1; 201-210	2,229 (2017.)	KIP, IK
421.	Tucaković, Ivana; Barišić, Delko; Grahek, Željko. Application of mathematical calibrations in measurements of gamma emitting radionuclides in honey samples and borosilicate filters. // <i>Applied radiation and isotopes</i> . 126 (2017); 162-164	1,123 (2017.)	IK
422.	Tušek, Dragutin; Ašperger, Danijela; Bačić, Ivana; Čurković, Lidija; Macan, Jelena. Environmentally acceptable sorbents of chemical warfare agent simulants. // <i>Journal of materials science</i> . 52 (2017), 5; 2591-2604	2,993 (2017.)	IK
423.	Varga, Ines; Bilandžić, Nina; Mario, Mitak; Cvetnić, Luka; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurđica; Perković, Marija; Cvetnić, Željko. Biochemical and chemical parameters changes in the blood of chickens following treatments with maduramycin, monensin and diclazuril. // <i>Slovenian veterinary research</i> . 54 (2017), 2; 71-81	0,250 (2017.)	IK

424.	Vidović, Elvira; Fabio, Faraguna; Jukić, Ante. Influence of inorganic fillers on PLA crystallinity and thermal properties. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017), 1; 371-380	2,209 (2017.)	IK
425.	Veršić Bratinčević, Maja; Visković, Tanja; Sutlović, Davorka. Comparison of the solid phase and liquid-liquid extraction methods for methadone determination in human serum and whole blood samples using gas chromatography/mass spectrometry. // <i>Arhiv za higijenu rada i toksikologiju</i> . 68 (2017), 4; 308-314	1,117 (2017.)	IK
426.	Vladislavić, Nives; Buzuk, Marijo; Buljac, Maša; Kožuh, Stjepan; Bralić, Marija; Brinić, Slobodan. Sensitive electrochemical determination of folic acid using ex-situ prepared bismuth film electrodes. // <i>Croatica chemica acta</i> . 90 (2017), 2; 231-239	0,705 (2017.)	IK
427.	Vojčić, Nina; Bregović, Nikola; Cindro, Nikola; Požar, Josip; Horvat, Gordan; Pičuljan, Katarina; Meštrović, Ernest; Tomišić, Vladislav. Optimization of omeprazole synthesis: physico-chemical steering towards greener processes. // <i>ChemistrySelect</i> . 2 (2017), 17; 4899-4905	1,505 (2017.)	KI
428.	Vušak, Darko; Perin, Nataša; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana; Bertoša, Branimir. Synthesis and antiproliferative activity of amino substituted benzimidazo[1,2-a]quinolines as mesylate salts designed by 3D-QSAR analysis. // <i>Molecular diversity</i> . 21 (2017), 3; 621-636	2,229 (2017.)	IK
429.	Zečić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Effect of operating conditions on the performances of multichannel ceramic UF membranes for textile mercerization wastewater treatment. // <i>Environmental technology</i> . 38 (2017), 1; 65-77	1,666 (2017.)	IK
430.	Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Cindrić, Maja; Jarak, Ivana; Koštrun, Sanja; Karminski-Zamola, Grace; Gabelica Marković, Vesna; Hranjec, Marijana; Brajša, Karmen. Comparison of antitumor activity of some Benzothiophene and Thienothiophene Carboxanilides and Quinolones in 2D and 3D cell culture system. // <i>Croatica chemica acta</i> . 90 (2017), 3; 413-424	0,705 (2017.)	IK
431.	Zupančič, Gregor Drago; Panjičko, Mario; Zelić, Bruno. Biogas production from brewery's yeast using and anaerobic sequencing batch reactor. // <i>Food technology and biotechnology</i> . 55 (2017), 2; 187-196	1,168 (2017.)	KI, IK
432.	Assarian, Arezoo; Martinez, Sanja. Improving polyaspartic anti-corrosion coating protective properties with the use of nano-silica. // <i>Acta chimica Slovenica</i> . 65 (2018), 3; 569-577	1,076 (2018.)	IK
433.	Babić, Sandra; Biošić, Martina; Škorić, Irena. Transformation products of pharmaceuticals in the environment: formation and analysis. // <i>Current organic chemistry</i> . 22 (2018), 10; 987-1004	2,029 (2018.)	KIP, IK
434.	Babić, Sandra; Mutavdžić Pavlović, Dragana; Biošić, Martina; Ašperger, Danijela; Škorić, Irena; Runje, Mislav. Fate of febantel in the aquatic environment - the role of abiotic elimination processes. // <i>Environmental science and pollution research</i> . 25 (2018); 28917-28927	2,914 (2018.)	KIP, IK
435.	Barukčić, Irena; Bilandžić, Nina; Markov, Ksenija; Lisak Jakopović, Katarina; Božanić, Rajka. Reduction in aflatoxin M1 concentration during production and storage of selected fermented milks. // <i>International journal of dairy technology</i> . 71 (2018), 3; 734-740	1,522 (2018.)	IK
436.	Beneta, Antonija; Mutavdžić Pavlović, Dragana; Periša, Ivan; Petrović, Mira. Multiresidue GC-MS/MS pesticide analysis for evaluation of tea and herbal infusion safety. // <i>International journal of environmental analytical chemistry</i> . 98 (2018), 11; 987-1004	1,267 (2018.)	IK
437.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurđica; Varga, Ines; Benić, Miroslav; Roncarati, Alessandra. Element contents in commercial fish species from the Croatian market. // <i>Journal of food composition and analysis</i> . 71 (2018); 77-86	2,994 (2018.)	IK

438.	Bistrović, Andrea; Grbčić, Petra; Harej, Anja; Sedić, Mirela; Kraljević Pavelić, Sandra; Koštrun, Sanja; Plavec, Janez; Makuc, Damjan; Raić-Malić, Silvana. Small molecule purine and pseudopurine derivatives: synthesis, cytostatic evaluations and investigation of growth inhibitory effect in non-small cell lung cancer A549. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 33 (2018) , 1; 271-285	4,027 (2018.)	KIP, IK
439.	Bistrović, Andrea; Krstulović, Luka; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Koštrun, Sanja; Kraljević Pavelić, Sandra; Bajić, Miroslav; Raić-Malić, Silvana. Design, synthesis and biological evaluation of novel benzimidazole amidines as potent multi- target inhibitors for the treatment of non-small cell lung cancer. // <i>European journal of medicinal chemistry</i> . 143 (2018) ; 1616-1634	4,833 (2018.)	KIP, IK
440.	Bistrović, Andrea; Krstulović, Luka; Stolić, Ivana; Drenjančević, Domagoj; Talapko, Jasminka; Taylor, Martin; Kelly, John; Bajić, Miroslav; Raić-Malić, Silvana. Synthesis, anti-bacterial and anti-protozoal activities of amidinobenzimidazole derivatives and their interactions with DNA and RNA. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 33 (2018) , 1; 1323-1334	4,027 (2018.)	KIP, IK
441.	Budžaki, Sandra; Strelec, Ivica; Krnić, Mija; Alilović, Kristina; Tišma, Marina; Zelić, Bruno. Proximate analysis of cold-press oil cakes after biological treatment with <i>Trametes versicolor</i> and <i>Humicola grisea</i> . // <i>Engineering in life sciences</i> . 18 (2018) , 12; 924-931	1,936 (2018.)	KI
442.	Burčul, Franko; Generalić Mekinić, Ivana; Radan, Mila; Rollin, Patrick; Blažević, Ivica. Isothiocyanates: cholinesterase inhibiting, antioxidant, and anti-inflammatory activity. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 33 (2018) , 1; 577-582	4,027 (2018.)	IK
443.	Capjak, Ivona; Zebić Avdičević, Maja; Dutour Sikirić, Maja; Domazet Jurašin, Darija; Hozić, Amela; Pajić, Damir; Dobrović, Slaven; Goessler, Walter; Vinković Vrček, Ivana. Behavior of silver nanoparticles in wastewater: systematic investigation on the combined effects of surfactants and electrolytes in model systems. // <i>Environmental science: water research & technology</i> . 4 (2018) ; 2146-2159	4,195 (2018.)	IK
444.	Cindrić, Ines; Grčić, Ivana; Koprivanac, Natalija. The sensitization effect of waste toner powder in the photocatalytic degradation of surfactant sodium dodecylbenzene sulfonate over immobilized TiO ₂ -chitosan layer under UVC and solar irradiation. // <i>Reaction kinetics mechanisms and catalysis</i> . 124 (2018) , 2; 905-930	1,428 (2018.)	IK
445.	Cindrić, Maja; Perić, Mihaela; Kralj, Marijeta; Martin-Kleiner, Irena; David-Cordonnier, Marie-Hélène; Čipčić Paljetak, Hana; Matijašić, Mario; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Antibacterial and antiproliferative activity of novel 2-benzimidazolyl and 2-benzothiazolyl substituted benzo[b]thieno-2-carboxamides. // <i>Molecular diversity</i> . 22 (2018) , 3; 637-646	2,032 (2018.)	IK
446.	Čizmić, Mirta; Ljubas, Davor; Škorić, Irena; Rožman, Marko; Ašperger, Danijela; Čurković, Lidija; Petrović, Mira; Babić, Sandra. Photolytic and photocatalytic degradation of febantel in aqueous media. // <i>Desalination and water treatment</i> . 104 (2018) ; 294-303	1,234 (2018.)	KIP, IK
447.	Čurković, Lidija; Ašperger, Danijela; Babić, Sandra; Župan, Josip. Adsorption of enrofloxacin onto natural zeolite: Kinetics, thermodynamics, isotherms and error analysis. // <i>Indian journal of chemical technology</i> . 25 (2018) , 6; 565-571	0,614 (2018.)	KIP, IK
448.	Duplančić, Marina; Tomašić, Vesna; Gomzi, Zoran. Catalytic oxidation of toluene: comparative study over powder and monolithic manganese-nickel mixed oxide catalysts. // <i>Environmental technology</i> . 39 (2018) , 15; 2004-2016	1,918 (2018.)	KI, IK
449.	Đokić, Maja; Bilandžić, Nina; Sedak, Marija; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav; Bolanča, Tomislav. Manganese concentrations in tissues and skin of three dolphin species stranded in the Croatian waters of the Adriatic Sea from 1995 to 2013. // <i>Bulletin of environmental contamination and toxicology</i> . 100 (2018) ; 317-323	1,650 (2018.)	IK
450.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of chemical functionalization of carbon nanotubes on their dispersibility in alkyl methacrylate polymer matrix. // <i>Journal of applied polymer science</i> . 135 (2018) , 14; 46113-1-46113-11	2,188 (2018.)	IK

451.	Franjo, Mladen; Šalić, Anita; Zelić, Bruno. Microstructured devices for biodiesel production by transesterification. // <i>Biomass conversion and biorefinery</i> . 8 (2018), 4; 1005-1020	2,326 (2018.)	KI
452.	Giacometti, Jasminka; Milin, Čedomila; Giacometti, Fabio; Ciganj, Zlatko. Characterisation of monovarietal olive oils obtained from Croatian cvs. Drobnica and Buza during the ripening period. // <i>Foods</i> . 7 (2018), 11; 188-1-188-16	3,011 (2018.)	IK
453.	Gilja, Vanja; Kratofil Krehula, Ljerk; Katančić, Zvonimir; Krehula, Stjepko; Hrnjak-Murgić, Zlata; Travaš-Sejdić, Jadranka. Influence of titanium dioxide preparation method on photocatalytic degradation of organic dyes. // <i>Croatica chemica acta</i> . 91 (2018), 3; 323-334	0,731 (2018.)	KI, IK
454.	Gilja, Vanja; Vrban, Ivan; Mandić, Vilko; Žic, Mark; Hrnjak-Murgić, Zlata. Preparation of a PANI/ZnO composite for efficient photocatalytic degradation of acid blue. // <i>Polymers</i> . 10 (2018), 9; 940-1-940-17	3,164 (2018.)	KI, IK
455.	Grahek, Željko; Dulanská, Silvia; Karanović, Gorana; Coha, Ivana; Tucaković, Ivana; Nodilo, Marijana; Mátel, Lubomír. Comparison of different methodologies for the ⁹⁰ Sr determination in environmental samples. // <i>Journal of environmental radioactivity</i> . 181 (2018); 18-31	2,179 (2018.)	IK
456.	Grčić, Ivana; Koprivanac, Natalija Photocatalytic oxidation of azo dyes and oxalic acid in batch reactors and CSTR: introduction of photon absorption by dyes to kinetic models. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018), 1; 71-81	0,859 (2018.)	IK
457.	Grčić, Ivana; Papić, Sanja; Brnardić, Ivan. Photocatalytic activity of TiO ₂ thin films: kinetic and efficiency study. // <i>International journal of chemical reactor engineering</i> . 16 (2018), 1; 20160153-1-20160153-19	1,059 (2018.)	IK
458.	Grudić, Veselinka; Bošković, Ivana; Martinez, Sanja; Knežević, Bojana. Corrosion inhibition mild steel in NaCl solution in the presence of propolis extract. // <i>Macedonian journal of chemistry and chemical engineering</i> . 37 (2018), 2; 203-213	0,644 (2018.)	IK
459.	Horak, Ema; Kassal, Petar; Hranjec, Marijana; Steinberg Ivana. Benzimidazole functionalised Schiff bases: novel pH sensitive fluorescence turn-on chromoionophores for ion-selective optodes. // <i>Sensors and actuators. B, Chemical</i> . 258 (2018); 415-423	6,393 (2018.)	IK
460.	Horak, Ema; Kassal, Petar; Murković Steinberg, Ivana. Benzimidazole as a structural unit in fluorescent chemical sensors: the hidden properties of a multifunctional heterocyclic scaffold. // <i>Supramolecular chemistry</i> . 30 (2018), 10; 838-857	1,660 (2018.)	IK
461.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Murković Steinberg, Ivana. Colourimetric and fluorimetric metal ion chemosensor based on a benzimidazole functionalised Schiff base. // <i>Supramolecular chemistry</i> . 30 (2018), 10; 891-900	1,660 (2018.)	IK
462.	Ivanišević, Irena; Rukavina, Vanja; Kassal, Petar; Milardović, Stjepan. Impact of weak organic acids on precipitation of poly(acrylic acid) stabilized silver nanoparticles; an electrochemical approach. // <i>Croatica chemica acta</i> . 91 (2018), 4; 491-499	0,731 (2018.)	KIP, IK
463.	Jakovljević, Ivana; Pehlec, Gordana; Vadić, Vladimira; Čačković, Mirjana; Tomašić, Vesna; Doko-Jelinić, Jagoda. Polycyclic aromatic hydrocarbons in PM ₁₀ , PM _{2.5} and PM ₁ particle fractions in an urban area. // <i>Air quality atmosphere and health</i> . 11 (2018); 843-854	2,297 (2018.)	KI, IK
464.	Jozanović, Marija; Sakač, Nikola; Sak-Bosnar, Milan; Carrilho, Emanuel. A simple and reliable new microchip electrophoresis method for fast measurements of imidazole dipeptides in meat from different animal species. // <i>Analytical and bioanalytical chemistry</i> . 410 (2018), 18; 4359-4369	3,286 (2018.)	IK
465.	Kassal, Petar; Horak, Ema; Sigurnjak, Marija; Steinberg, Matthew D.; Steinberg, Ivana. Wireless and mobile optical chemical sensors and biosensors. // <i>Reviews in analytical chemistry</i> . 37 (2018), 4; 20170024-1-20170024-27	2,875 (2018.)	IK
466.	Kassal, Petar; Steinberg, Matthew D.; Horak, Ema; Murković Steinberg, Ivana. Wireless fluorimeter for mobile and low cost chemical sensing: a paper based chloride assay. // <i>Sensors and actuators. B, Chemical</i> . 275 (2018); 230-236	6,393 (2018.)	IK
467.	Kassal, Petar; Steinberg, Matthew D.; Steinberg, Ivana Murković. Wireless chemical sensors and biosensors: a review. // <i>Sensors and actuators. B, Chemical</i> . 266 (2018); 228-245	6,393 (2018.)	IK

468.	Katančić, Zvonimir; Gavran, Iva; Smolković, Josipa; Hrnjak-Murgić, Zlata. Fly ash supported photocatalytic nanocomposite poly(3,4-ethylenedioxythiophene)/TiO ₂ for azo dye removal under simulated solar irradiation. // <i>Journal of applied polymer science</i> . 135 (2018) ; 46316-1-46316-12	2,188 (2018.)	KI, IK
469.	Katić, Višnja; Ivanković Buljan, Zorana; Špalj, Stjepan; Otmačić Čurković, Helena. Corrosion behavior of coated and uncoated nickel-titanium orthodontic wires in artificial saliva with short-term prophylactic fluoride treatment. // <i>International journal of electrochemical science</i> . 13 (2018) , 5; 4160-4170	1,284 (2018.)	KIP, IK
470.	Kobzi, Balazs; Kuzmann, Erno; Homonnay, Zoltan; Krehula, Stjepko; Ristić, Mira; Kubuki, Shiro. Improving the visible-light photocatalytic activity of SnO _x -SiO ₂ glass systems by introducing SnO _x nanoparticles. // <i>Journal of radioanalytical and nuclear chemistry</i> . 316 (2018) , 2; 579-586	1,186 (2018.)	IK
471.	Kljaković-Gašpić, Zorana; Herceg Romanić, Snježana; Bituh, Tomislav; Kašuba, Vilena; Brčić Karačonji, Irena; Brajenović, Nataša; Franulović, Iva; Jurasović, Jasna; Klinčić, Darija; Kopjar, Nevenka; Marović, Gordana; Milić, Mirta; Orct, Tatjana; Sekovanić, Ankica; Želježić, Davor. Assessment of multiple anthropogenic contaminants and their potential genotoxicity in the aquatic environment of Plitvice Lakes National Park, Croatia. // <i>Environmental monitoring and assessment</i> . 190 (2018) ; 694-1-694-27	1,959 (2018.)	IK
472.	Ključević, Željko; Benzon, Benjamin; Ključević, Nikola; Veršić Bratinčević, Maja; Sutlović, Davorka. Liver damage indices as a tool for modifying methadone maintenance treatment: a cross-sectional study. // <i>Croatian medical journal</i> . 59 (2018) ; 298-306	1,624 (2018.)	IK
473.	Kopitar, Dragana; Skenderi, Zenun; Matijašić, Gordana. Influence of nonwoven fabric pore sizes on water vapor resistance. // <i>Textile research journal</i> . 88 (2018) , 12; 1402-1412	1,613 (2018.)	KI
474.	Kordić, Šimo; Matijašić, Gordana; Gretić, Matija. Prediction of particle size distribution of dronedarone hydrochloride in spiral jet mill using design of experiments. // <i>Chemical engineering communications</i> . 205 (2018) , 2; 197-206	1,431 (2018.)	KI
475.	Kovačić, Marin; Katić, Jozefina; Kušić, Hrvoje; Lončarić Božić, Ana; Metikoš Huković, Mirjana. Elucidating the photocatalytic behavior of TiO ₂ -SnS ₂ composites based on their energy band structure. // <i>Materials</i> . 11 (2018) , 6; 1041-1-1041-19	2,972 (2018.)	KIP
476.	Kovačić, Marin; Kopčić, Nina; Kušić, Hrvoje; Lončarić Božić, Ana. Solar driven degradation of 17β-estradiol using composite photocatalytic materials and artificial irradiation source: Influence of process and water matrix parameters. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 361 (2018) ; 48-61	3,261 (2018.)	KIP
477.	Kovačić, Marin; Kopčić, Nina; Kušić, Hrvoje; Štangar, Urška Lavrenčić; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reactivation and reuse of TiO ₂ -SnS ₂ composite catalyst for solar-driven water treatment. // <i>Environmental science and pollution research</i> . 25 (2018) , 3; 2538-2551	2,914 (2018.)	KIP
478.	Kralik, Gordana; Sak-Bosnar, Milan; Grčević, Manuela; Kralik, Zlata. Effect of amino acids on growth performance, carcass characteristics, meat quality, and carnosine concentration in broiler chickens. // <i>Journal of poultry science</i> . 55 (2018) , 4; 239-248	0,670 (2018.)	IK
479.	Krehula, Stjepko; Ristić, Mira; Mitar, Ivana; Wu, Chuchu; Li, Xuning; Jiang, Luhua; Wang, Junhu; Sun, Gongquan; Zhang, Tao; Perović, Marija; Bošković, Marko; Antić, Bratislav; Musić, Svetozar. Synthesis and properties of Ni-doped goethite and Ni-doped hematite nanorods. // <i>Croatica chemica acta</i> . 91 (2018) , 3; 389-401	0,731 (2018.)	IK
480.	Krehula, Stjepko; Ristić, Mira; Wu, Chuchu; Li, Xuning; Jiang, Luhua; Wang, Junhu; Sun, Gongquan; Zhang, Tao; Perović, Marija; Bošković, Marko; Antić, Bratislav; Kratožil Krehula, Ljerkica; Kobzi, Balázs; Kubuki, Shiro; Musić, Svetozar. Influence of Fe(III) doping on the crystal structure and properties of hydrothermally prepared β-Ni(OH) ₂ nanostructures. // <i>Journal of alloys and compounds</i> . 750 (2018) ; 687-695	4,175 (2018.)	IK

481.	Kristan Mioč, Ekatarina; Hajdari Gretić, Zana; Otmačić Ćurković, Helena. Modification of cupronickel alloy surface with octadecylphosphonic acid self-assembled films for improved corrosion resistance. // <i>Corrosion science</i> . 134 (2018) ; 189-198	6,355 (2018.)	KIP, IK
482.	Kurajica, Stanislav; Macan, Jelena; Mandić, Vilko; Galjer, Matija; Mužina, Katarina; Plaisier, Jasper Rikkert. Reinforcing blade-cast photocatalytic-titania thin film by titanate nanotubes. // <i>Materials research bulletin</i> . 105 (2018) ; 142-148	3,355 (2018.)	IK
483.	Kurajica, Stanislav; Mandić, Vilko; Tomašić, Vesna; Duplančić, Marina; Matijašić, Gordana; Mužina, Katarina. Catalytic activity and related properties of sol-gel-derived manganese-doped gahnite. // <i>Journal of nanoparticle research</i> . 20 (2018) ; 178-1-178-12	2,009 (2018.)	KI, IK
484.	Lazarus, Maja; Orct, Tatjana; Reljić, Slaven; Sedak, Marija; Bilandžić, Nina; Jurasović, Jasna; Huber, Đuro. Trace and macro elements in the femoral bone as indicators of long-term environmental exposure to toxic metals in European brown bear (<i>Ursus arctos</i>) from Croatia. // <i>Environmental science and pollution research</i> . 25 (2018) , 22; 21656-21670	2,914 (2018.)	IK
485.	Le Cunff, Jérôme; Tomašić, Vesna; Gomzi, Zoran. Photocatalytic degradation of terbuthylazine: Modelling of a batch recirculating device. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 353 (2018) ; 159-170	3,261 (2018.)	KI, IK
486.	Lengyel, Attila; Tolnai, Gyula; Klencsár, Zoltán; Garg, Vijayendra Kumar; de Oliveira, Aderbal Carlos; Singh, L. Herojit; Homonnay, Zoltan; Szalay, Roland; Németh, Péter; Szabolcs, Bálint; Ristić, Mira; Musić, Svetozar; Kuzmann, Ernő. The effect of carboxylic acids on the oxidation of coated iron oxide nanoparticles. // <i>Journal of nanoparticle research</i> . 20 (2018) , 5; 137-1-137-9	2,009 (2018.)	IK
487.	Ljubas, Davor; Čizmić, Mirta; Vrbat, Katarina; Stipančević, Draženka; Repec, Siniša; Ćurković, Lidija; Babić, Sandra. Albendazole degradation possibilities by UV-based advanced oxidation processes. // <i>International journal of photoenergy</i> . 2018 (2018) ; 6181747-1-6181747-6	2,026 (2018.)	KIP, IK
488.	Magdić Košiček, Katja; Horvat-Radošević, Višnja; Kvastek, Krešimir. Frequency response analysis of a nonstationary system: electrochemical transition of polyaniline. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 463-473	0,731 (2018.)	IK
489.	Margeta, Dunja; Faraguna, Fabio; Sertić-Bionda, Katica; Jukić, Ante. Modeling of dibenzothiophene oxidative desulfurization using response surface methodology. // <i>Petroleum science and technology</i> . 36 (2018) , 1; 68-74	1,070 (2018.)	KI, IK
490.	Markić, Marinko; Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Influence of process parameters on the effectiveness of photooxidative treatment of pharmaceuticals. // <i>Journal of environmental science and health. Part A: Toxic/hazardous substances & environmental engineering</i> . 53 (2018) , 4; 338-351	1,536 (2018.)	KIP, IK
491.	Marušić, Katarina; Otmačić Ćurković, Helena. Self-assembling monolayers of stearic acid in protection of steel. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 427-433	0,731 (2018.)	KIP, IK
492.	Marušić, Katarina; Otmačić Ćurković, Helena; Supnišek Lisac, Ema; Takenouti, Hisasi. Two imidazole based corrosion inhibitors for protection of bronze from urban atmospheres. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 435-446	0,731 (2018.)	KIP, IK
493.	Mazzucato, Ugo; Pannacci, Danilo; Šindler-Kulyk, Marija; Butković, Kristina; Spalletti, Anna. Spectral properties and photoreactivity of sydnonyl-stilbenes. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 351 (2018) ; 124-130	3,261 (2018.)	IK
494.	Medvidović-Kosanović, Martina; Stanković, Anamarija; Drulak, Mateja; Sak-Bosnar, Milan. Potentiometric, electrochemical and UV/VIS investigation of a copper (II) complex with β -alanyl-L-histidine. // <i>International journal of electrochemical science</i> . 13 (2018) ; 5323-5332	1,284 (2018.)	IK
495.	Milardović, Stjepan; Ivanišević, Irena; Rogina, Anamarija; Kassal, Petar. Synthesis and electrochemical characterization of AgNP ink suitable for inkjet printing. // <i>International journal of electrochemical science</i> . 13 (2018) , 11; 11136-11149	1,284 (2018.)	KIP, IK

496.	Milas, Goran; Šupe-Domić, Daniela; Drmić-Hofman, Irena; Rumora, Lada; Martinović Klarić, Irena. Weather conditions: a neglected factor in human salivary cortisol research?. // <i>International Journal of biometeorology</i> . 62 (2018) , 2; 165-175	2,377 (2018.)	IK
497.	Milovac, Dajana; Weigand, Ivna; Kovačić, Marin; Ivanković, Marica; Ivanković, Hrvoje. Highly porous hydroxyapatite derived from cuttlefish bone as TiO ₂ catalyst support. // <i>Processing and applications of ceramics</i> . 12 (2018) , 2; 136-142	0,976 (2018.)	KI, IK
498.	Mohler, Ivan; Ujević Andrijić, Željka; Bolf, Nenad. Soft sensors model optimization and application for the refinery real-time prediction of toluene content. // <i>Chemical engineering communications</i> . 205 (2018) , 3; 411-421	1,431 (2018.)	KI
499.	Mumelaš, Martina; Otmačić Ćurković, Helena; Mikić, Dajana; Hranjec, Marijana; Cindrić, Maja. Benzimidazole derivatives as copper alloy corrosion inhibitors. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 513-523	0,731 (2018.)	KIP, IK
500.	Mutavdžić Pavlović, Dragana; Glavač, Antonija; Gluhak, Mihaela; Runje, Mislav. Sorption of albendazole in sediments and soils: isotherms and kinetics. // <i>Chemosphere</i> . 193 (2018) ; 635-644	5,108 (2018.)	IK
501.	Osmanović, Zehrudin; Haračić, Nedžad; Zelić, Jelica. Properties of blastfurnace cements (CEM III/A, B, C) based on Portland cement clinker, blastfurnace slag and cement kiln dusts. // <i>Cement & concrete composites</i> . 91 (2018) ; 189-197	5,172 (2018.)	KI
502.	Pehnec, Gordana; Jakovljević, Ivana. Carcinogenic potency of airborne polycyclic aromatic hydrocarbons in relation to the particle fraction size. // <i>International journal of environmental research and public health</i> . 15 (2018) , 11; 2485-1-2485-25	2,468 (2018.)	IK
503.	Perin, Nataša; Alić, Jasna; Liekens, Sandra; Van Aerschot, Arthur; Vervaeke, Peter; Gadakh, Bharat; Hranjec, Marijana. Different positions of amide side chains on the benzimidazo[1, 2-a]quinoline skeleton strongly influenced biological activity. // <i>New journal of chemistry</i> . 42 (2018) ; 7096-7104	3,069 (2018.)	IK
504.	Perin, Nataša; Roškarić, Petra; Sović, Irena; Boček, Ida; Starčević, Kristina; Hranjec, Marijana; Vianello, Robert. Amino-substituted benzamide derivatives as promising antioxidant agents: a combined experimental and computational study. // <i>Chemical research in toxicology</i> . 31 (2018) , 9; 974-984	3,274 (2018.)	IK
505.	Radan, Mila; Parčina, Antonija; Burčul, Franko. Chemical composition and antioxidant activity of essential oil obtained from bitter orange peel (<i>Citrus aurantium</i> L.) using two methods. // <i>Croatica chemica acta</i> . 91 (2018) , 1; 125-128	0,731 (2018.)	IK
506.	Radić, Gabrijele; Šajnović, Ivan; Petrović, Željka; Kraljić Roković, Marijana. Reduced graphene oxide/ α -Fe ₂ O ₃ fibres as active material for supercapacitor application. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 481-490	0,731 (2018.)	KIP
507.	Ratković, Ana; Marinić, Željko; Škorić, Irena. Flow-photochemical synthesis of the functionalized benzobicyclo[3.2.1]octadiene skeleton. // <i>Journal of molecular structure</i> . 1168 (2018) ; 165-174	2,120 (2018.)	IK
508.	Ressler, Antonia; Ródenas-Rochina, Joaquin; Ivanković, Marica; Ivanković, Hrvoje; Rogina, Anamarija; Gallego Ferrer, Gloria. Injectable chitosan-hydroxyapatite hydrogels promote the osteogenic differentiation of mesenchymal stem cells. // <i>Carbohydrate polymers</i> . 197 (2018) ; 469-477	6,044 (2018.)	KI, IK
509.	Rešček, Ana; Katančić, Zvonimir; Kratožil Krehula, Ljerka; Ščetar, Mario; Hrnjak-Murgić, Zlata; Galić, Kata. Development of double layered PE/PCL films for food packaging modified with zeolite and magnetite nanoparticles. // <i>Advances in polymer technology</i> . 37 (2018) , 3; 21727-1-21727-6	2,663 (2018.)	KI, IK
510.	Rinčić Mlinarić, Marijana; Kanižaj, Lidija; Žuljević, Damir; Katić, Višnja; Špalj, Stjepan; Otmačić Ćurković, Helena. Effect of oral antiseptics on the corrosion stability of nickel-titanium orthodontic alloys. // <i>Materials and corrosion</i> . 69 (2018) , 4; 510-518	1,458 (2018.)	KIP, IK

511.	Rinkovec, Jasmina; Pehnc, Gordana; Godec, Ranka; Davila, Silvije; Bešlić, Ivan. Spatial and temporal distribution of platinum, palladium and rhodium in Zagreb air. // <i>Science of the total environment</i> . 636 (2018) ; 456-463	5,589 (2018.)	IK
512.	Ristić, Mira; Krehula, Stjepko; Musić, Svetozar. Microstructural properties of natural allophane/gibbsite from a white bauxite deposit in Montenegro. // <i>Croatica chemica acta</i> . 91 (2018) , 1; 65-70	0,731 (2018.)	IK
513.	Ristić, Mira; Kuzmann, Erno, Homonnay, Zoltan; Musić, Svetozar. Synthesis and properties of 1D manganese-doped hematite particles. // <i>Journal of alloys and compounds</i> . 767 (2018) ; 504-511	4,175 (2018.)	IK
514.	Ristić, Mira; Reissner, Michael; Krehula, Stjepko; Musić, Svetozar. ⁵⁷ Fe Mössbauer spectroscopic study and magnetic properties of 1D Fe(IO ₃) ₃ particles and their thermal decomposition to α -Fe ₂ O ₃ . // <i>Materials letters</i> . 227 (2018) , 1; 47-50	3,019 (2018.)	IK
515.	Ristić, Mira; Štajdohar, Jasenka; Mitar, Ivana; Musić, Svetozar. Monitoring of the forced hydrolysis of FeCl ₃ solutions in the presence of sodium dodecyl sulphate. // <i>Croatica chemica acta</i> . 91 (2018) , 3; 403-410	0,731 (2018.)	IK
516.	Sačer, Denis; Spajić, Ivan; Kraljić Roković, Marijana; Mandić, Zoran. New insights into chemical and electrochemical functionalization of graphene oxide electrodes by o-phenylenediamine and their potential applications. // <i>Journal of materials science</i> . 53 (2018) ; 15285-15297	3,442 (2018.)	KIP, IK
517.	Sander, Aleksandra; Antonije Koščak, Mihael; Kosir, Dominik; Milosavljević, Nikola; Parlov Vuković, Jelena; Magić, Lana. The influence of animal fat type and purification conditions on biodiesel quality. // <i>Renewable energy</i> . 118 (2018) ; 752-760	5,439 (2018.)	KI
518.	Sever, Ivana; Žmak, Irena; Ćurković, Lidija; Švagelj, Zrinka. Stabilization of highly concentrated alumina suspensions by different dispersants. // <i>Transactions of FAMENA</i> . 42 (2018) , 3; 61-70	0,704 (2018.)	IK
519.	Solomun Kolanović, Božica; Bilandžić, Nina; Varenina, Ivana; Božić Luburić, Đurđica; Varga, Ines; Cvetnić, Luka; Benić, Miroslav; Cvetnić, Željko; Denžić Lugomer, Marija; Pavliček, Damir; Šušćković, Jagoda; Kos, Blaženka. Estimation of the withdrawal time of levamisole in eggs after oral administration to laying hens. // <i>Journal of food protection</i> . 81 (2018) , 10; 1627-1634	1,559 (2018.)	IK
520.	Stojanović, Ivan; Šimunović, Vinko; Alar, Vesna; Kapor, Frankica. Experimental evaluation of polyester and epoxy-polyester powder coatings in aggressive media. // <i>Coatings</i> . 8 (2018) ; 98-1-98-12	2,330 (2018.)	IK
521.	Sudar, Martina; Dejanović, Igor; Müller, Michael, Vasić-Rački, Đurđa; Findrik Blažević, Zvezdana. Application of chemical engineering methodology in process development: a case study of MenD-catalyzed synthesis of 6-cyano-4-oxohexanoic acid. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018) , 4; 501-510	0,859 (2018.)	KI
522.	Sudar, Martina; Vasić-Rački, Đurđa; Müller, Michael; Walter, Alexandra; Findrik Blažević, Zvezdana. Mathematical model of the MenD-catalyzed 1,4-addition (Stetter Reaction) of α -ketoglutaric acid to acrylonitrile. // <i>Journal of biotechnology</i> . 268 (2018) ; 71-80	3,163 (2018.)	KI
523.	Sutlović, Davorka; Ključević, Željko; Slišćković, Livia; Šušćnjar, Helena; Visković, Ivo; Definis-Gojanović, Marija. Methadone maintenance treatment: A 15-year retrospective study in Split-Dalmatia County, Croatia. // <i>Therapeutic drug monitoring</i> . 40 (2018) , 4; 486-494	2,047 (2018.)	IK
524.	Šagud, Ivana; Marinić, Željko; Škorić, Irena. Excited state reactions of β -pyridyl-o-divinylbenzenes as a pathway to versatile polycyclic compounds with the unusual entrapment of multiple isomerized dihydro-intermediates. // <i>Journal of molecular structure</i> . 1156 (2018) ; 182-192	2,120 (2018.)	IK
525.	Šagud, Ivana; Milašinović, Valentina; Molčanov, Krešimir; Marinić, Željko; Škorić, Irena. Synthesis, spectroscopic characterization and photophysical investigations of new di-(2/3)- pyridine-stilbenes; isomerism, nitrogen position influence and solvent effects. // <i>Journal of molecular structure</i> . 1171 (2018) ; 117-126	2,120 (2018.)	IK
526.	Šagud, Ivana; Šindler-Kulyk, Marija; Škorić, Irena; Kelava, Vanja; Marinić, Željko. Synthesis of naphthoxazoles by photocyclization of 4-/5-(phenylethenyl)oxazoles. // <i>European journal of organic chemistry</i> . 25 (2018) ; 3326-3335	3,029 (2018.)	IK

527.	Šagud, Ivana; Šindler-Kulyk, Marija; Vojnović-Jandrić, Dragana; Marinić, Željko. Versatile photochemical reactivity of diverse substituted 2-, 4- and 5-(o-vinylstyryl)oxazoles. // <i>European journal of organic chemistry</i> . 28 (2018) , 4; 515-524 (članak, znanstveni).	3,029 (2018.)	IK
528.	Šagud, Ivana; Škorić, Irena. Photocatalytic oxygenation by water-soluble metalloporphyrins as a pathway to functionalized polycycles. // <i>International journal of photoenergy</i> . 2018 (2018) ; 1017957-1-1017957-8	2,026 (2018.)	IK
529.	Šagud, Ivana; Škorić, Irena; Šindler-Kulyk, Marija. Excited state transformations of heterostilbenes: pathways to polycyclic skeleta. // <i>Comptes rendus Chimie</i> . 21 (2018) ; 1043-1052	2,366 (2018.)	IK
530.	Šagud, Ivana; Zanolli, Debora; Perissutti, Beatrice; Passerini, Nadia; Škorić, Irena. Identification of degradation products of praziquantel during the mechanochemical activation. // <i>Journal of pharmaceutical and biomedical analysis</i> . 159 (2018) ; 291-295	2,983 (2018.)	IK
531.	Šalić, Anita; Jurinjak Tušek, Ana; Sander, Aleksandra; Zelić, Bruno. Lipase catalysed biodiesel synthesis with integrated glycerol separation in continuously operated microchips connected in series. // <i>New biotechnology</i> . 47 (2018) ; 80-88	3,739 (2018.)	KI
532.	Šalić, Anita; Zelić, Bruno. Synergy of microtechnology and biotechnology: microreactors as an effective tool for biotransformation processes. // <i>Food technology and biotechnology</i> . 56 (2018) , 4; 464-479	1,517 (2018.)	KI
533.	Šoić, Ivana; Martinez, Sanja; Lipošćak, Ivana; Mikšić, Boris. Development of method for assessing efficiency of organic corrosion inhibitors in concrete reinforcement. // <i>Gradevinar</i> . 70 (2018) , 5; 369-375	0,493 (2018.)	IK
534.	Šupe-Domić, Daniela; Milas, Goran; Stanišić, Lada; Drmić-Hofman, Irena; Martinović Klarić, Irena. Reference intervals for six salivary cortisol measures based on the Croatian Late Adolescence Stress Study (CLASS). // <i>Biochemia Medica</i> . 28 (2018) , 1; 010902-1-010902-4	2,202 (2018.)	IK
535.	Tišma, Marina; Planinić, Mirela; Bucić-Kojić, Ana; Panjičko, Mario; Zupančić, Drago Gregor; Zelić, Bruno. Corn silage fungal-based solid-state pretreatment for enhanced biogas production in anaerobic co-digestion with cow manure. // <i>Bioresource technology</i> . 253 (2018) ; 220-226	6,669 (2018.)	KI
536.	Tomić, Tatjana; Babić, Sandra; Biošić, Martina; Uzorinac Nasipak, Nada; Čižmek, Ana-Marija. Determination of the Solvent Blue 35 dye in diesel fuel by solid phase extraction and high-performance liquid chromatography with ultraviolet detection. // <i>Dyes and pigments</i> . 150 (2018) ; 216-222	4,018 (2018.)	KIP, IK
537.	Tucaković, Ivana; Barišić, Delko; Grahek, Željko; Kasap, Ante; Širić, Ivan. ¹³⁷ Cs in mushrooms from Croatia sampled 15-30 years after Chernobyl. // <i>Journal of environmental radioactivity</i> . 181 (2018) ; 147-151	2,179 (2018.)	IK
538.	Ujević Andrijić, Željka; Cvetnić, Matija; Bolf, Nenad. Soft sensor models for a fractionation reformat plant using small and bootstrapped data set. // <i>Brazilian journal of chemical engineering</i> . 35 (2018) , 2; 745-756	0,790 (2018.)	KI
539.	Vladislavić, Nives; Buzuk, Marijo; Škugor Rončević, Ivana; Brinić, Slobodan. Electroanalytical methods for sunset yellow determination - a review. // <i>International journal of electrochemical science</i> . 13 (2018) ; 7008-7019	1,284 (2018.)	IK
540.	Vladislavić, Nives; Škugor Rončević, Ivana; Buljac, Maša; Brinić, Slobodan; Krivić, Denis; Buzuk, Marijo. Electroanalytical determination of cysteine using the electrodes based on ternary silver-copper sulphides. // <i>Sensors</i> . 18 (2018) , 11; 3753-1-3753-17	3,031 (2018.)	IK
541.	Zagajski Kučan, Kristina; Perković, Marijana; Cmrk, Karlo; Načinović, Dominik; Rogošić, Marko. Betaine + (glycerol or ethylene glycol or propylene glycol) deep eutectic solvents for extractive purification of gasoline. // <i>ChemistrySelect</i> . 3 (2018) , 44; 12582-12590	1,716 (2018.)	IK

Tablica 5.1.2. Popis radova mentora u bazi podataka Scopus, bez baze podataka WoSCC u razdoblju 1.1.2014. – 31.12.2018. (za tablicu 5.1.)

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	STUDIJ
1.	Herner, Željko; Bažok, Renata; Briški, Felicita. Biodegradation of imidacloprid in an open compost pile. // <i>Journal of food agriculture & environment</i> . 12 (2014); 3/4; 198-202	-	KI, IK
2.	Kurajica, Stanislav; Lozić, Iva; Pantaler, Martina. Thermal decomposition of calcium(II) bis(acetylacetonate) n-hydrate. // <i>Polimeri: časopis za plastiku i gumu</i> . 35 (2014); 1-2; 4-9	-	IK
3.	Movre Šapić, Iva; Bistričić, Lahorija; Volovšek Vesna; Dananić, Vladimir. Vibrational analysis of 3-Glycidoxypropyltrimethoxysilane polymer. // <i>Macromolecular symposia</i> . 339 (2014); 1; 122-129		IK
4.	Shibano, Koya; Kubuki, Shiro; Akiyama, Kazuhiko; Homonnay, Zoltán; Kuzmann, Ernő; Krehula, Stjepko; Ristić, Mira; Nishida, Tetsuaki Local structure and water cleaning ability of iron oxide nanoparticles prepared by hydro-thermal reaction. // <i>Hyperfine interactions</i> . 226 (2014); 1-3; 489-497	-	IK
5.	Solomun Kolanović, Božica; Bilandžić, Nina; Varenina, Ivana; Božić, Đurđica. Tylosin content in meat and honey samples over a two-year period in Croatia. // <i>Journal of immunoassay and immunochemistry</i> . 35 (2014) , 1; 37-47	-	IK
6.	Takahashi, Yusuke; Kubuki, Shiro; Akiyama, Kazuhiko; Sinkó, Katalin; Kuzmann, Erno; Homonnay, Zoltan; Ristić, Mira; Nishida, Tetsuaki Visible light activated photo-catalytic effect and local structure of iron silicate glass prepared by sol-gel method. // <i>Hyperfine interactions</i> . 226 (2014); 1-3; 747-753	-	IK
7.	Faraguna, Fabio; Jukić, Ante. Novi petrokemijski procesi na temelju izravne pretvorbe metana. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 64 (2015); 1-2; 27-37	-	IK
8.	Grčić, Ivana; Vrsaljko, Domagoj; Katančić, Zvonimir; Papić, Sanja Purification of household greywater loaded with hair colorants by solar photocatalysis using TiO ₂ -coated textile fibers coupled flocculation with chitosan. // <i>Journal of water process engineering</i> . 5 (2015); 15-27	-	IK
9.	Kralik, Gordana; Sak-Bosnar, Milan; Kralik, Zlata; Galović, Olivera; Grčević, Manuela, Kralik, Igor. Effect of β-alanine and L-histidine on concentration of carnosine in muscle tissue and oxidative stability of chicken meat. // <i>Poljoprivreda (Osijek)</i> . 21 (2015); 1 (Dodatak); 190-194	-	IK
10.	Le Cunff, Jérôme; Tomašić, Vesna; Gomzi, Zoran. Preparation and photoactivity of the immobilized TiO ₂ /chitosan layer. // <i>Chemical engineering transactions</i> . 43 (2015) ; 865-870	-	KI, IK
11.	Majić Renjo, Marijana; Ćurković, Lidija; Grilec, Krešimir Erosion resistance of slip cast composite Al ₂ O ₃ - ZrO ₂ ceramics. // <i>Procedia engineering</i> . 100 (2015); 1133-1140	-	IK
12.	Šabić, Monika; Vuković Domanovac, Marija; Findrik Blažević, Zvezdana; Meštrović, Ernest. Kinetika bioremedijacije farmaceutske industrijske otpadne vode. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 64 (2015); 5-6; 229-236	-	KI
13.	Matijević, Jurica; Andrić, Tonija; Zelić, Jelica. Nekoliko starih recepata za pravljenje pisaće tinte iz knjižnice franjevačkog samostana u Zaostrogu. // <i>Portal-godišnjak Hrvatskog restauratorskog zavoda</i> . 7 (2016) ; 103-120	-	KI
14.	Medunić, Gordana; Šmit, Zdenko. Organic micropollutants in the Sava and Bosna river overbank and floodplain sediments during the may through June 2014 catastrophic flood. // <i>Rudarsko-geološko-naftni zbornik</i> . 31 (2016); 1; 45-52	-	IK
15.	Mičin, Saša; Martinez, Sanja; Malinović, Borislav; Grozdanić, Vedrana. Morphological and crystallographic characteristics of electrochemically deposited ternary alloy zinc-nickel-cobalt. // <i>Journal of chemical technology and metallurgy</i> . 51 (2016) , 5; 556-562	-	IK
16.	Periša, Martina; Babić, Sandra. Farmaceutici u okolišu. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 65 (2016); 9-10; 471-482	-	IK

17.	Šešelj, Nedjeljko; Sačer, Denis; Kraljić Roković, Marijana. Karakterizacija pseudokapacitivnih svojstava kemijski priređenog MnO ₂ te kompozita MnO ₂ /polipirol. // <i>Kemija u industriji</i> . 65 (2016) , 3/4; 127-136	-	KIP
18.	Babić, Sandra; Ćurković, Lidija; Ljubas, Davor; Ćizmić, Mirta. TiO ₂ assisted photocatalytic degradation of macrolide antibiotics. // <i>Current opinion in green and sustainable chemistry</i> . 6 (2017) ; 34-41	-	IK
19.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Solomun Kolanović, Božica; Varenina, Ivana; Božić Luburić, Đurđica; Varga, Ines. Koncentracije žive u različitim vrstama riba. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . 48 (2017) , 4; 267-276	-	IK
20.	Duplančić, Marina; Tomašić, Vesna; Kurajica, Stanislav; Minga, Iva; Maduna Valkaj, Karolina. A comparative study of toluene oxidation on different metal oxides. // <i>Chemical engineering transactions</i> . 57 (2017) ; 889-894	-	KI, IK
21.	Đokić, Maja; Bilandžić, Nina; Đuras, Martina; Gomerčić, Tomislav; Sedak, Marija. Biokemijske funkcije i toksičnost mangana te njegove koncentracije u tkivima morskih sisavaca. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . 48 (2017) , 6; 439-449	-	IK
22.	Kučić, Dajana; Briški, Felicita. Emissions of gases during composting of solid waste. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 66 (2017) , 9-10; 467-474	-	KI, IK
23.	Lučić Blagojević, Sanja; Zeljko, Martina; Kraljić Roković, Marijana. Utjecaj modifikacije višestjenih ugljikovih nanocjevčica na svojstva poliuretana: II. Mehanička svojstva, električna provodnost i toplinska postojanost. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 66 (2017) , 5-6; 241-248	-	KIP, KI
24.	Moulisová, Vladimíra; Poveda-Reyes, Sara; Sanmartín-Masiá, Esther; Quintanilla-Sierra, Luis; Salmerón-Sánchez, Manuel; Gallego Ferrer, Gloria. Hybrid protein-glycosaminoglycan hydrogels promote chondrogenic stem cell differentiation. // <i>ACS Omega</i> . 2 (2017) , 2; 7609-7620	-	IK
25.	Tanković, Sanin; Jelušić, Vedrana; Bilandžić, Nina; Čalopek, Bruno; Sedak, Marija, Ferizbegović, Jasmin. Koncentracije teških metala i elemenata u različitim vrstama meda iz Bosne i Hercegovine. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . 48 (2017) , 1; 1-12	-	IK
26.	Varenina, Ivana; Bilandžić, Nina; Božić Luburić, Đurđica; Solomun Kolanović, Božica; Varga, Ines; Kos, Blaženka; Beck, Relja. Zaostajanje kokcidostatika u hrani kao posljedica prevencije i liječenja zaraze peradi <i>Eimeria</i> sp.. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . 48 (2017) , 6; 451-463	-	IK
27.	Bilandžić, Nina; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurđica; Varga, Ines; Terzić, Svjetlana. Kolistin, polipeptidni antibiotik zadnje obrane protiv invazivnih Gram-negativnih bakterija. // <i>Veterinarska stanica</i> . 49 (2018) , 4; 273-286	-	IK
28.	Bilandžić, Nina; Vrkljan, Petra; Solomun Kolanović, Božica; Varenina, Ivana; Krpan, Marina; Hruškar, Mirjana. Praćenje ostataka kloramfenikola u mesu i mesnim proizvodima tijekom razdoblja 2015. - 2017.. // <i>Veterinarska stanica</i> . 49 (2018) , 2; 73-83	-	IK
29.	Bilandžić, Nina; Vrkljan, Petra; Solomun Kolanović, Božica; Varenina, Ivana; Varga, Ines; Krpan, Marina; Hruškar, Mirjana. Ostaci sulfonamida u mesu i mesnim proizvodima tijekom trogodišnjeg razdoblja. // <i>Veterinarska stanica</i> . 49 (2018) , 3; 149-158	-	IK
30.	Havaić, Tanja; Đumbir, Ana-Maria; Gretić, Matija; Matijašić, Gordana; Žižek, Krunoslav. Droplet impact phenomena in fluidized bed coating process with a wurster insert. // <i>International journal of chemical engineering</i> . 2018 (2018) ; 4546230-1-4546230-11	-	KI
31.	Herceg, Srećko; Ujević Andrijić, Željka; Bolf, Nenad. Continuous estimation of the key components content in the isomerization process products. // <i>Chemical engineering transactions</i> . 69 (2018) ; 79-84	-	KI
32.	Mostečak, Ana; Perković, Dario; Kapor, Frankica; Veinović, Želimir. Radon mapping in Croatia and its relation to geology. // <i>Rudarsko-geološko-naftni zbornik</i> . 33 (2018) , 3; 1-11	-	IK

33.	Llengyel, A.; Homonnay, Z.; Kovacs, K.; Klencsar, Z.; Nemeth, Sz.; Szalay, R; Kis, V. K.; Fodor, F.; Solti, A.; Ristić, Mira; Musić, Svetozar; Kuzmann, E. Characterization of nanomagnetites co-precipitated in inert gas atmosphere for plant nutrition. // <i>Hyperfine interactions</i> . 239 (2018) ; 38-1-38-7	-	IK
34.	Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Bilandžić, Nina. Arsen i arsenove specije u hrani - naglasak na anorganski arsen. // <i>Veterinarska stanica</i> . 49 (2018) , 5; 343-353	-	IK
35.	Varga, Ines; Božić Luburić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana; Bilandžić, Nina. Salicilna kiselina - lijek sa različitim ljekovitim svojstvima. // <i>Veterinarska stanica</i> . 49 (2018) , 6; 413-422	-	IK

Tablica 5.2. Izvori financiranja znanstvenih projekata (sredstva naplaćena tijekom kalendarske 2018.)

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun (MZOS)	Državni proračun (ostalo)	Proračun lokalnih jedinica	EU fondovi	Gospodarstvo – privatni sektor	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
DOMAĆI										
2014.	Mandić Z., HRZZ, High power – high energy electrochemical supercapacitor for hybrid electrical vehicles (Zoran Mandić, 2014-2018)	48		213.840,53 (HRZZ)						213.840,53
2017.	H. Ivanković, HRZZ, Razvoj biokompatibilnih materijala na temelju hidroksicipitita za primjene u inženjerstvu (Hrvoje Ivanković, 2017-2021)	48		242.469,85 (HRZZ)						242.469,85
2017.	HRZZ Dolar, Izravna uporaba komunalne otpadne vode za navodnjavanje membranskim tehnologijama (Davor Dolar, 2017-2019)	24		447.452,25 (HRZZ)						447.452,25
2017.	Razvoj integriranog mikrosustava za biokatalitičku proizvodnju biodizela (Bruno Zelić, 2017-2020)	36		187.380,22 (HRZZ)						187.380,22
2018.	Nano-katalizatori aktivirani sunčevim zračenjem u tehnologijama zaštite okoliša (Hrvoje Kušić, 2018-2022)	48		177.900,00 (HRZZ)						177.900,00
2018.	Novi spojevi temeljeni na bioizosterima purina za ispitivanje njihovih antitumorskih i antipatogenih djelovanja (Silvana Raić-Malić, 2018-2022)	48		236.000,00 (HRZZ)						236.000,00
2018.	Istraživanje antioksidativnog djelovanja benzazolskog skeleta u dizajnu novih antitumorskih agensa (Marijana Hranjec, 2018-2022)	48		192.200,00 (HRZZ)						192.200,00
2018.	Tomašić, HRZZ, Intenzifikacija fotokatalitičkih i katalitičkih procesa za obradu otpadnih voda i otpadnih plinova, IN-PhotoCat (Vesna Tomašić, 2018-2022)	48		293.000,00 (HRZZ)						293.000,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun (MZOS)	Državni proračun (ostalo)	Proračun lokalnih jedinica	EU fondovi	Gospodarstvo – privatni sektor	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2018.	Hidrotermalna sinteza dopiranog cerij oksidnog nanokatalizatora – HouDiNI (Stanislav Kurajica, 2018-2022)	48		130.000,00 (HRZZ)						130.000,00
2015	IP-2014 - 09-2353, Sudbina farmaceutika u okolišu i tijekom naprednih postupaka obrade vode; materijalni troškovi (Sandra Babić, 2015—2019)	48		67.318,75 (HRZZ)						67.318,75
2015	IP-2014 - 09-2353, Sudbina farmaceutika u okolišu i tijekom naprednih postupaka obrade vode; troškovi osoblja (Sandra Babić, 2015-2019)	48		17.979,15 (HRZZ)						17.979,15
2015	IP-2014 - 09-2353, Sudbina farmaceutika u okolišu i tijekom naprednih postupaka obrade vode; oprema (Sandra Babić, 2015-2019)	48		49.948,40 (HRZZ)						49.948,40
2015	IP-2014 - 09-2353, Sudbina farmaceutika u okolišu i tijekom naprednih postupaka obrade vode; diseminacija i suradnja (Sandra Babić, 2015-2019)	48		55.955,43 (HRZZ)						55.955,43
	Ukupno:			2.311.444,58						2.311.444,58 kn

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun (MZOS)	Državni proračun (ostalo)	Proračun lokalnih jedinica	EU fondovi	Gospodarstvo – privatni sektor	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
MEĐUNARODNI										
2017.	"Novel catalysis for solar driven water treatment; quantum-chemical and experimental approach" (Hrvoje Kušić, 2017-2019)	24	18.874,00							18.874,00
2017.	"Primjena plazma tehnologija za razvoj polimernih materijala za katalitičke mikroreaktore" (Domagoj Vrsaljko, 2017-2019)	24	18.874,00							18.874,00
2018.	"Razvoj novih katalizatora za simultanu obradu voda i proizvodnju energije pod sunčevim zračenjem" (Hrvoje Kušić, 2018-2020)	24	7.420,00							7.420,00
2015	Projekt HORIZON (Sustainable industrial processes based on a C-C bond-forming enzyme platform - CARBAZYMES, 2015-2019; direktni troškovi A1 personnel (Zvezdana Findrik Blažević)	48				320.200,00				320.200,00
2015	Projekt HORIZON (Sustainable industrial processes based on a C-C bond-forming enzyme platform - CARBAZYMES, 2015-2019; OD1 putovanja (Zvezdana Findrik Blažević)	48				30.000,00				30.000,00
2015	Projekt HORIZON (Sustainable industrial processes based on a C-C bond-forming enzyme platform - CARBAZYMES, 2015-2019; OD3 consumables (Zvezdana Findrik Blažević)	48				95.000,00				95.000,00
2015	Projekt HORIZON (Sustainable industrial processes based on a C-C bond-forming enzyme platform - CARBAZYMES, 2015-2019; vlastita sredstva (Zvezdana Findrik Blažević)	48				350.828,36				350.828,36

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun (MZOS)	Državni proračun (ostalo)	Proračun lokalnih jedinica	EU fondovi	Gospodarstvo – privatni sektor	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2018	Projekt HORIZON (Sustainable industrial processes based on a C-C bond-forming enzyme platform - CARBAZYMES, 2015-2019; indirektni troškovi (Zvezdana Findrik Blažević)	48				37.100,00				37.100,00
2018	Zg Obzor – Biocatalytic (Zvezdana Findrik Blažević)	12				25.000,00				25.000,00
2017	Razvoj TEHNIX pogona za biorektorsko kompostiranje biorazgradivog komunalnog otpada (Bruno Zelić)	48				149.956,43				149.956,43
	Ukupno:		45.168,00			1.008.084,79				1.053.252,79 kn

Tablica 5.3. Izvori financiranja stručnih projekata (sredstva naplaćena tijekom kalendarske 2018.)

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2017	UV zračenja uzoraka 1000 sati, te izrada izvješća; suradnja Telegra (Zlata Hrnjak – Murgić)	1				7.960,00			
2018	Evaluacije strukturnih promjena uzoraka cirkonijeva oksida; suradnja FSB (Stanislav Kurajica)	1	7.800,00						
2018	Određivanja viskoznosti tekućina za odleđivanje zrakoplova, zračna luka Pula (PUY); Croatia Airlines (Gordana Matijašić)	1				700,00			
2018	Određivanja viskoznosti tekućina za odleđivanje zrakoplova, zračna luka Rome Fiumicino (FCO); Croatia Airlines (Gordana Matijašić)	1				1.400,00			
2017	Određivanja viskoznosti tekućine za odleđivanje zrakoplova - 2 uzorka; Croatia Airlines (Gordana Matijašić)	1				700,00			
2017	Određivanja viskoznosti tekućina za odleđivanje zrakoplova, zračna luka Sarajevo (SJJ); Croatia Airlines (Gordana Matijašić)	1				2.800,00			
2018	Snimanja kristaličnih uzoraka na skenirajućem elektronskom mikroskopu (vanjska suradnja ZMTPI) (Kardum Prlić Jasna)	1				2.160,00			
2013	HEP-Rekonstrukcija građevine za pripremu vode TE-TO Zagreb; uzorkovanje i izrada kemijskih analiza demineralizirane vode u postrojenju KPV u Pogonu TE-TO Zagreb; Zagreb Montaža (Marinko Markić)	1				8.708,00			
2014	Suradnja AEKS d.o.o. (Zelić Bruno)	48				33.950,00			
2018	Analiza uzoraka formaldehida i benzena u sklopu praćenja kakvoće zraka u školama; Zavod za javno zdravstvo (Ana Lončarić Božić)	3	1.587,00						

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2018	Izrada konceptualnog rješenja i preliminarna procjena troškova postrojenja za dobivanje zemnog ulja naftalan preradbom sirove nafte; Naftalan (Igor Dejanović)	5				24.000,00			
2018	Usluga analize za kvalitativno dokazivanje prisutnosti aerobnih i anaerobnih te Fe i Mn bakterija u dvije vode; FSB (Marija Vuković Domanovac)	1	4.000,00						
2018	XRD analiza praškastog uzorka slitina ELF; ispitivanje uzoraka RDA i mulita metodom; Univerzitet u Zenici (Stanislav Kurajica)	1	754,02						
2018	Određivanja specifične površine raspodjele veličine pora metodom adsorpcijsko-desorpcijske porozimetrije; Pliva (Aleksandra Sander)	1				300,00			
2018	Određivanje specifične površine metodom adsorpcijsko-desorpcijske porozimetrije uzoraka oznake HCTZ; Pliva (Aleksandra Sander)	1				1.200,00			
2018	Određivanja specifične površine metodom adsorpcijsko-desorpcijske porozimetrije uzoraka oznake HCTZ; Pliva (Aleksandra Sander)	1				900,00			
2018	Određivanja specifične površine metodom adsorpcijsko-desorpcijske porozimetrije uzoraka oznake HCTZ i SAC/VAL; Pliva (Aleksandra Sander)	1				1.200,00			
2018	Određivanja specifične površine metodom adsorpcijsko-desorpcijske porozimetrije uzoraka oznake Olanzapine; Pliva (Aleksandra Sander)	1				600,00			
2018	Izrada prototipa softvera za kontinuirano vođenje procesa kristalizacije - I faza; Pliva (Aleksandra Sander)	1				900,00			
2018	Određivanje i rezultat adsorpcijsko-desorpcijske porozimetrije uzorka oznake DST; Pliva (Aleksandra Sander)	1				300,00			

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2018	Određivanja i rezultat adsorpcijsko-desorpcijske porozimetrije uzorka oznake ALKS; Pliva (Aleksandra Sander)	1				600,00			
2018	Određivanje i rezultat adsorpcijsko-desorpcijske porozimetrije uzorka oznake HKT; Pliva (Aleksandra Sander)	1				900,00			
2018	Određivanja specifične površine i raspodjele veličine pora metodom adsorpcijsko-desorpcijske porozimetrije ; Pliva (Aleksandra Sander)	1				300,00			
2018	Određivanja i rezultat adsorpcijsko-desorpcijske porozimetrije uzorka oznake HKT i HCTZ; Pliva (Aleksandra Sander)	1				1.500,00			
2018	Određivanja i rezultat adsorpcijsko-desorpcijske porozimetrije uzorka oznake ALKS-S-3-74520218-SM8SM2049; Pliva (Aleksandra Sander)	1				300,00			
2018	Određivanja i rezultate adsorpcijsko-desorpcijske porozimetrije uzorka oznake ESZ; Pliva (Aleksandra Sander)	1				1.500,00			
2018	Određivanja i rezultat adsorpcijsko-desorpcijske porozimetrije uzorka oznake HKT; Pliva (Aleksandra Sander)	1				1.200,00			
2018	Određivanje i rezultat adsorpcijsko-desorpcijske porozimetrije uzorka oznake TTS; Pliva (Aleksandra Sander)	1				300,00			
2018	Određivanja i rezultat adsorpcijsko-desorpcijske porozimetrije uzorka oznake DST; Pliva (Aleksandra Sander)	1				3.600,00			
2018	Određivanja i rezultate adsorpcijsko-desorpcijske porozimetrije uzorka oznake HKT; Pliva (Aleksandra Sander)	1				2.400,00			
2018	Određivanja specifične površine i raspodjele veličine pora za dva uzorka oznake TTS; Pliva (Aleksandra Sander)	1				600,00			

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2017	Određivanje specifične površine i raspodjele veličine pora metodom adsorpcijsko-desorpcijske porozimetrije za 2 uzorka oznake DST – anhydrous; Pliva (Aleksandar Sander)	1				600,00			
2017	Određivanja specifične površine i raspodjele veličine pora metodom adsorpcijsko-desorpcijske porozimetrije (3 uzorka oznake NLT); Pliva (Aleksandra Sander)	1				900,00			
2017	Određivanja specifične površine i raspodjele veličine pora metodom adsorpcijsko-desorpcijske porozimetrije (1 uzorak oznake NLT); Pliva (Aleksandra Sander)	1				300,00			
2018	Slovenska akreditacija – suradnja *CONTRACT for conducting assessment in accreditation procedure article III, signed in Ljubljana on 04. 04. 2018. between Public Institutes Slovenian Accreditation, Šmartinska cesta 152, SI 1000 Ljubljana, and University of Zagreb, Faculty of Chemical Engineering and Technology, Marulićev trg 19, 10000 Zagreb, klasa: 910-08/18-02/1; Ur. broj: 251-373-1-18-7 signed in Zagreb on 10. 04. 2018, (SGS SLOVENIJA d.o.o.) (Ante Jukić)	5				6.225,11			
2018	Slovenska akreditacija - suradnja *CONTRACT for conducting assessment in accreditation procedure article III, signed in Ljubljana on 19. 03. 2018. between Public Institutes Slovenian Accreditation, Šmartinska cesta 152, SI 1000 Ljubljana, and University of Zagreb, Faculty of Chemical Engineering and Technology, Marulićev trg 19, 10000 Zagreb, klasa: 910-08/18-02/1; Ur. broj: 251-373-1-18-5 signed in Zagreb on 20. 03. 2018. (Bureau Veritas d.o.o.) (Ante Jukić)	6				6.225,11			

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2018	Slovenska akreditacija-suradnja *CONTRACT for conducting assessment in accreditation procedure article III, signed in Ljubljana on 05. 06. 2018. between Public Institutes Slovenian Accreditation, Šmartinska cesta 152, SI 1000 Ljubljana, and University of Zagreb, Faculty of Chemical Engineering and Technology, Marulićev trg 19, 10000 Zagreb, klasa: 910-08/18-02/1; Ur. broj: 251-373-1-18-5 signed in Zagreb on 12. 06. 2018. (SAYBOLT PAN ADRIATIKA d.o.o.) (Ante Jukić)	3				6.115,03			
2017	Ispitivanje kvalitete kositrene prevlake i korozivnosti otapala u dodiru s kositrom; suradnja Premifab (Sanja Martinez)	2				7.500,00			
2017	Izrada elaborata o uzrocima korozijskih oštećenja naftovoda; suradnja INA (Sanja Martinez)	1				19.000,00			
2018	DSC mjerenja na premazima za 8 uzoraka; ispitivanje premaza, FSB (Emi Govorčin Bajsić)	12	12.600,00						
2018	DSC mjerenja na premazima za 7 uzoraka; ispitivanje premaza, FSB (Emi Govorčin Bajsić)	9	11.025,00						
2017	DSC mjerenja na premazima za 7 uzoraka, FSB (Emi Govorčin Bajsić)	6	11.025,00						
2018	Granulometrijska analiza uzoraka letećeg pepela, Građevinski Fakultet (Gordana Matijašić)	1	1.920,00						
2018	Određivanja raspodjele veličine čestica metodom laserske difrakcije, Građevinski fakultet (Gordana Matijašić)	1	1.440,00						
2017	Analiza i optimiranje rada sušnica i reaktora - SM-1; suradnja Pliva (Nenad Bolf)	2				39.634,00			
2018	Određivanje raspodjele veličine čestica metodom laserske difrakcije za uzorke VEN-ZEOTEX IX, 2X, 4X; Ametrin usluge (Gordana Matijašić)	1				1.800,00			

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2018	Provedbe granulometrijske analize uzorka zeolita; Ametrin usluge (Gordana Matijašić)	1				600,00			
2018	Određivanja sadržaja dušika u elektroizolacijskom papiru; suradnja Končar (Marija Vuković Domanovac)	1				1.950,00			
2018	Određivanja sadržaja dušika u elektrizolacijskom papiru prema ASTM D982-16; suradnja Končar (Marija Vuković Domanovac)	1				650,00			
2018	Ispitivanje uzroka korozije savitljivog tubinga i prijedlog rješenja; Croscos naftni servisi (Sanja Martinez)	4				46.450,00			
2018	DSC analize smole i 2 uzorka FTIR analize smole; suradnja Končar (Igor Dejanović)	1				1.650,00			
2018	Izrada zahtjeva za ocjenu o potrebi procjene utjecaja zahvata na okoliš za planirano povećanje kapaciteta proizvodnje betona tvrtke Unija beton d.o.o. (Bruno Zelić)	1				10.500,00			
2018	Izrada Izvješća o uzrocima korozije nehrđajućeg čelika od 8. ožujka 2018; TUV Croatia (Sanja Martinez)	1				13.500,00			
2018	Razvoj postupka karakterizacije i analiza emulgiranog goriva; suradnja INA (Jukić Ante)	6				46.000,00			
2018	Razrada sustava za pročišćavanje i ponovnu uporabu vode u autopraonicama; suradnja Adriateh (Markić Marinko)	1				50.000,00			
2017	Izrada studije - "Dodatno prošireno ispitivanje hidratacijske stabilnosti uzoraka"; suradnja Xellia (Vilko Mandić)	7				3.840,00			

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2017	Izrada studije - "ANALIZA RAZINE STRUKTURNE ORGANIZIRANOSTI UZORKA XEL 566-05-18-077"; suradnja Xellia (Vilko Mandić)	10				1.280,00			
2017	Izrada studije - "Prošireno ispitivanje hidroizolacijske stabilnosti uzorka"; suradnja Xellia (Vilko Mandić)	6				1.280,00			
2017	Izrada studije - "Ispitivanje hidrationske stabilnosti uzoraka"; suradnja Xellia (Vilko Mandić)	6				5.760,00			
2018	Kvalitativna fazna analiza uzoraka metodom rendgenske difrakcije praha i kombinirane difrakcijsko-termičke i termo-gravimetrijske analize uzoraka; suradnja FSB (Stanislav Kurajica)	1	9.600,00						
2017	Ispitivanje svojstva premaza za sustva C33 prema dokumentu A 115003; Đuro Đaković (Sanja Martinez)	2				1.100,00			
2018	DSC-measurement on Stopaq Wrappingband CHZP - 1 sample in triplicate Writing of the report; Seal for Life; Seal for Life (Sanja Martinez)	1				2.664,00			
2018	Tabletiranje smjese za kompleksin tablete za 40,85 kg; suradnja Kemika (Gordana Matijašić)	2				8.987,00			
2017	Izrada studije o utjecaju zahvata na okoliš za Betonaru nazivnog kapaciteta 30 m ³ /h u Rijeci, Kastav Trinajstići 98/8; suradnja Adria Beton (Bruno Zelić)	10				15.000,00			
2018	Izrada 10. izvješća o parametrima koroziivnosti nafte i brzinama koroziije u sustavu za monitoring unutrašnje koroziije JANAF-a (5. 9. 2018.-17. 10. 2018.) (Sanja Martinez)	8				15.500,00			

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2018	Izrada "8. izvješća o parametrima korozivnosti nafte i brzinama korozije u sustavu za monitoring unutrašnje korozije JANAF-a" (Sanja Martinez)	8				15.500,00			
2017	Izrada 9. izvješća o parametrima korozivnosti nafte i brzinama korozije u sustavu za monitoring unutrašnje korozije JANAF-a (Sanja Martinez)	14				15.500,00			
2017	Izrada "7. izvješća o parametrima korozivnosti nafte i brzinama korozije u sustavu za monitoring unutrašnje korozije JANAF-a". (Sanja Martinez)	11				15.500,00			
2017	"Izrada šestog izvješća za praćenja parametara korozivnosti nafte i brzinama korozije u sustavu za monitoring unutrašnje korozije JANAF-a" - Utjecaj H2S na koroziju Janafovog cjevovoda (Sanja Martinez)	11				15.500,00			
2017	Izrade elaborata o stanju postojećih sustava katodne zaštite Vodovoda Pula d.o.o. (Sanja Martinez)	7				73.000,00			
2017	Istraživanja razvoja i primjene provedbe ispitivanja organske sinteze Etodolaca u mikroreaktoru, prema članku 4. Ugovora; suradnja Pliva (Bruno Zelić)	6				10.000,00			
2018	Laboratorijsko ispitivanje biorasploživosti djelatne tvari AKBA; suradnja Biosens (Gordana Matijašić)	1				1.623,60			
2018	SEM analiza; suradnja Biosens (Gordana Matijašić)	1				1.402,20			
2018	Usluga mjerenja i raspodjele veličine čestica laserskom difrakcijom za proizvod: ekstrakt bambusa (70% silicij dioksid); suradnja Biosens (Gordana Matijašić)	1				600,00			
2018	Research and improvement of AKBA bioavailability; suradnja Biosens (Gordana Matijašić)	1				1.921,40			

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2018	Research and improvement of AKBA bioavailability; suradnja Biosens (Gordana Matijašić)	1				4.777,50			
2018	Research and improvement of AKBA bioavailability; suradnja Biosens (Gordana Matijašić)	1				4.102,00			
2018	SEM analiza i usluge mjerenja otpora; suradnja Končar (Domagoj Vrsaljko)	1				1.900,00			
2018	Ispitivanja: FTIR-ATR tehnikom i SEM-EDX analiza; suradnja Končar (Domagoj Vrsaljko)	1				1.750,00			
2018	SEMEDX analiza za 13 uzoraka; suradnja Končar (Domagoj Vrsaljko)	1				9.750,00			
2018	SEM analiza dva uzorka; suradnja Končar (Domagoj Vrsaljko)	1				1.500,00			
2018	Određivanja kontaktnog kuta na elektroizolacijskom papiru; suradnja Končar (Domagoj Vrsaljko)	1				3.900,00			
2018	SEM analiza uzoraka; suradnja Končar (Domagoj Vrsaljko)	1				6.000,00			
2018	Analiza slane šljake u okviru Vrednovanja otpada u procesu recikliranja aluminija (Faza 1); Odlagalište otpada – suradnja (Ana Lončarić Božić)	2				7.300,00			
2018	Ocjena kriterija održivosti za tekuća biogoriva i pogonska biogoriva u Planovima praćenja operatera postrojenja u ETS-u; MZO (Ante Jukić)	6	48.000,00						
2018	Termogravimetrijska analiza sedam uzoraka sa interpretacijom rezultata i davanja mišljenja; Građevinski fakultet (Ljerka Kratočil Krehula)	1	2.600,00						

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2018	Kompostiranje realnog uzorka biorazgradive frakcije iz komunalnog otpada u zatvorenom reaktorskom sustavu – proljeće; IPZ UNIPROJEKT TERRA (Marija Vuković Domanovac)	5				7.500,00			
2018	Kompostiranje realnog uzorka biorazgradive frakcije iz komunalnog otpada u zatvorenom reaktorskom sustavu-zima;IPZ UNIPROJEKT TERRA (Marija Vuković Domanovac)	3				7.500,00			
2018	Ispitivanja i izrada elaborata o uzrocima korozije podnice spremnika A-1511 na Terminalu Omišalj; suradnja JANAF (Sanja Martinez)	1				15.000,00			
2017	Izrada prototipa softvera za kontinuirano vođenje procesa kristalizacije - I faza; suradnja Pliva (Nenad Bolf)	7				19.600,00			
2018	Određivanja plamišta; suradnja Fiditas (Ante Jukić)	1				300,00			
2018	Ekspertiza i stručno mišljenje za određivanje sastava nepoznatog uzorka na osnovi glikola za pripravu betonskih smjesa; suradnja TERRA SOL (Elvira Vidović)	1				3.900,00			
2018	Analize uzoraka XRD (8 kom); suradnja FSB (Vilko Mandić)	1	6.400,00						
2018	Mikrobiološke analize vode za ljudsku potrošnju za 7 uzoraka; suradnja Vododer (Dajana Kučić Grčić)	1				1.000,02			
2018	Ispitivanja svojstava 4 uzorka poliamidnih 3D izradaka; suradnja FSB (Mirela Leskovac)	1	1.800,00						

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2018	Vrednovanje ref.studija – Bolonjska reforma; trošak prikupljanja i dostave podataka o studentima preddiplomskih, diplomskih i poslijediplomskih studija te anketiranje studenat, nastavnika i suradnika na Fakultetu kemijskog inženjerstva i tehnologije Sveučilišta u Zagrebu; Građevinski fakultet (Stela Markotić)	2	3.360,00						
	Ukupno:		123.911,02			662.314,97			786.225,99 kn

Tablica 5.3.b Skupovi (sredstva naplaćena tijekom kalendarske 2018.)

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2018	Bolf, seminar, SIEMENS 2018. (Bolf Nenad)	1				25.200,00			25.200,00
2018	Bolf, seminar SIEMENS, AVP 4, 2018. (Bolf Nenad)	1				14.000,00			14.000,00
2018	Edukacija iz područja Katodna zaštita spremnika ukapljenog naftnog plina (Martinez Sanja, edukacija Ecoplin d.o.o.)	1				1.181,60			1.181,60
2018	TEHNOLOGIJADA 2018. (Gazivoda Kraljević Tatjana)	1				5.000,00			5.000,00
2018	ICS,18. Međun škola kromatografije 2018. (Bolanča Tomislav)	1				23.654,00			23.654,00
2018	Otmačić Ćurković, seminar TZK 2018. Tehnike zaštite od korozije čelika u bet (Otmačić Ćurković Helena)	1				12.885,44			12.885,44
2018	Otmačić Ćurković, Osnovni tečaj korozije	1				29.691,14			29.691,14
	Ukupno:					111.612,18			111.612,18 kn

Tablica 5.4. Popis znanstvenih i razvojnih projekata

a) Popis aktivnih znanstvenih i razvojnih projekata iz drugih nacionalnih izvora (UKF, HRZZ, ostale državne institucije ili domaće gospodarstvo) s imenima voditelja	
1.	Sinteza i citostatska ispitivanja biblioteke novih dušikovih heterocikla 2014. – 2018. (Silvana Raić-Malić)
2.	Development of photocatalytic polymer nanocomposites for wastewater treatment 2014. – 2018. (Zlata Hrnjak-Murgić)
3.	High power-high energy electrochemical supercapacitor for hybrid electrical vehicles 2014. – 2018. (Zoran Mandić)
4.	Modeliranje okolišnih aspekata napredne obrade voda za razgradnju prioritetnih onečišćivala 2015. – 2019. (Tomislav Bolanča)
5.	Razvoj materijala za 3D tiskanje mikroreaktora 2015. – 2018. (Domagoj Vrsaljko)
6.	Sudbina farmaceutika u okolišu i tijekom naprednih postupaka obrade vode 2015. – 2019. (Sandra Babić)
7.	Razvoj integriranog mikrosustava za biokatalitičku proizvodnju biodizela 2017.-2021. (Bruno Zelić)
8.	Razvoj biokompatibilnih materijala na temelju hidroksiapatita za primjene u inženjerstvu košanog tkiva 2017.-2021. (Hrvoje Ivanković)
9.	Izravna uporaba komunalne otpadne vode za navodnjavanje membranskim tehnologijama 2017-2019 (Davor Dolar)
10.	Razvoj Tehnix pogona za bioreaktorsko kompostiranje biorazgradivog komunalnog otpada 2018-2021. (Bruno Zelić)
11.	Intenzifikacija fotokatalitičkih i katalitičkih procesa za obradu otpadnih voda i otpadnih plinova 2018-2022. (Vesna Tomašić)
12.	Novi spojevi temeljeni na bioizosterima purina za ispitivanje njihovog antitumorskog i antipatogenog djelovanja 2018-2022 (Silvana Raić-Malić)
13.	Istraživanje antioksidativnog djelovanja benzazolskog skeleta u dizajnu novih antitumorskih agensa 2018-2022. (Marijana Hranjec)
14.	Hidrotermalna sinteza dopiranog cerij oksidnog nanokatalizatora 2018-2022 (Stanislav Kurajica)
15.	Nano-katalizatori aktivirani Sunčevim zračenjem u tehnologijama zaštite okoliša 2018-2022 (Hrvoje Kušić)
b) Popis aktivnih znanstvenih i razvojnih projekata iz međunarodnih izvora s imenima voditelja	
1.	Sustainable industrial processes based on a C-C bond forming enzyme platform – CARBAZYMES (action) 2015. – 2019. (Zvezdana Findrik Blažević)
2.	Novi katalizatori za obradu voda djelovanjem Sunčeva zračenja; kvantno-kemijski i eksperimentalni pristup 2017.-2018. (Hrvoje Kušić)
3.	Primjena plazma tehnologija za razvoj polimernih materijala za katalitičke mikroreaktore 2017.-2018. (Domagoj Vrsaljko)
4.	Razvoj novih katalizatora za simultanu obradu voda i proizvodnju energije pod sunčevim zračenjem, 2018-2019 (Hrvoje Kušić)

Tablica 5.5. Bibliografija (u posljednjih 5 godina)

Vrsta radova*	Ukupan broj radova	Broj radova koji su proizašli iz suradnje s drugim visokim učilištima i znanstvenim organizacijama	Omjer: broj radova/broj nastavnika
Znanstveni radovi u časopisima koji su zastupljeni u bazi CC, WoS (SSCI, SCI-expanded i A&HCI) te Scopusu	WoS: 366	WoS: 273	366/66=5,55
	Scopus bez WoS: 24	Scopus bez WoS: 9	24/66=0,36
Ostali recenzirani radovi zastupljeni u bazama koje se priznaju za izbore u znanstvena zvanja	-	-	-
Autorstvo inozemno izdanih knjiga	3	1	
Autorstvo domaćih knjiga	4	0	
Radovi u domaćim časopisima s međunarodnom recenzijom	CROSBI kategorija ZRDČ: 73*	CROSBI kategorija ZRDČ: 45*	73/66=1,11
Recenzirani radovi u zbornicima inozemnih i međunarodnih znanstvenih skupova***			
Radovi u domaćim časopisima s domaćom recenzijom	**	**	
Stručni radovi			
Poglavlja u recenziranim knjigama	17	9	17/66=0,26
Recenzirani radovi u zbornicima domaćih znanstvenih skupova***			
Uredništva inozemnih knjiga***			
Uredništva domaćih knjiga***			
Broj radova u časopisima vaše institucije			

* Donekle se preklapa s kategorijom Scopus bez WoS, a uključuje i kategoriju Radovi u domaćim časopisima s domaćom recenzijom

** Vidi *

Tablica 5.5.1. Popis radova nastavnika u bazi podataka WoSCC u razdoblju 1.1.2014. – 31.12.2018. (za tablicu 5.5.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	Suradnja s drugim visokim učilištima i znanstvenim organizacijama
1.	Ašperger, Danijela; Ćurković, Lidija; Horvat, Alka J. M.; Kaštelan-Macan, Marija. Optimization condition for thin-layer identification of bronzes after anodic sampling. // <i>JPC. Journal of planar chromatography, modern TLC</i> . 27 (2014); 2; 84-87	0,670 (2013.)	DA
2.	Ašperger, Danijela; Tišler, Vesna; Zrnčić, Mirta; Mutavdžić Pavlović, Dragana; Babić, Sandra; Horvat, Alka J. M.; Kaštelan-Macan, Marija. HPLC–DAD–FLD Determination of veterinary pharmaceuticals in pharmaceutical industry wastewater with precolumn derivatization using fluorescamine. // <i>Chromatographia</i> . 77 (2014); 1059-1066	1,411 (2014.)	DA
3.	Bolanča, Tomislav; Ukić, Šime; Novak, Mirjana; Rogošić, Marko. Computer assisted method development in liquid chromatography. // <i>Croatica chemica acta</i> . 87 (2014); 2; 111-122	0,728 (2014.)	NE
4.	Bolanča, Tomislav; Ukić, Šime; Peternel, Igor; Kušić, Hrvoje; Lončarić Božić, Ana. Artificial neural network models for advanced oxidation of organics in water matrix - Comparison of applied methodologies. // <i>Indian journal of chemical technology</i> . 21 (2014); 21-29	0,513 (2014.)	NE
5.	Ćurković, Lidija; Bolanča, Tomislav; Šiljeg, Mario; Foglar, Lucija. The kinetic modelling of Fe ³⁺ ion uptake by zeolite from water. // <i>Indian journal of chemical technology</i> . 21 (2014); 56-62	0,513 (2014.)	DA

6.	Dejanović, Igor; Halvorsen, Ivar J.; Skogestad, Sigurd; Jansen, Helmut; Olujić, Žarko. Hydraulic design, technical challenges and comparison of alternative configurations of a four-product dividing wall column. // <i>Chemical engineering and processing</i> . 84 (2014); 71-81	2,071 (2014.)	DA
7.	Dražević, Emil; Košutić, Krešimir; Dananić, Vladimir. Mass transfer of differently sized organic solutes at spacer covered and permeable nanofiltration wall. // <i>Chemical engineering journal</i> . 244 (2014); 152-159	4,321 (2014.)	NE
8.	Dražević, Emil; Košutić, Krešimir; Freger, Viatcheslav. Permeability and selectivity of reverse osmosis membranes: Correlation to swelling revisited. // <i>Water research</i> . 49 (2014); 444-452	5,528 (2014.)	DA
9.	Dražević, Emil; Košutić, Krešimir; Kolev, Vesselin; Freger, Viatcheslav. Does hindered transport theory apply to desalination membranes?. // <i>Environmental science & technology</i> . 48 (2014); 19; 11471-11478	5,330 (2014.)	DA
10.	Faraguna, Fabio; Peter, Robert; Volovšek, Vesna; Jukić, Ante. Synthesis and characterization of alkyl ester functionalized multiwall carbon nanotubes. // <i>Journal of nanoscience and nanotechnology</i> . 14 (2014); 8; 6347-6354	1,556 (2014.)	DA
11.	Findrik, Zvezdana; Valentović, Ivana; Vasić-Rački, Đurđa. A mathematical model of oxidative deamination of amino acid catalyzed by two D-amino acid oxidases and influence of aeration on enzyme stability. // <i>Applied biochemistry and biotechnology</i> . 172 (2014); 6; 3092-3105	1,735 (2014.)	NE
12.	Gazivoda Kraljević, Tatjana; Ilić, Nataša; Stepanić, Višnja; Sappe, Lana; Petranović, Jasna; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Synthesis and in vitro antiproliferative evaluation of novel N-alkylated 6-isobutyl- and propyl pyrimidine derivatives. // <i>Bioorganic & Medicinal Chemistry Letters</i> . 24 (2014); 13; 2913-2917	2,420 (2014.)	DA
13.	Jansen, Helmut; Dejanović, Igor; Kaibel, Bjoern; Olujić, Žarko. New horizons for dividing wall columns. // <i>Chemical engineering</i> . 121 (2014) , 8; 40-48	0,330 (2014.)	DA
14.	Jović, Franjo; Grašovec, Marko; Dejanović, Igor; Kosar, Vanja. Dynamic simulation of high-pressure tubular reactor for low-density polyethylene production. // <i>Journal of elastomers and plastics</i> . 48 (2014); 8; 737-746	0,773 (2014.)	NE
15.	Juretić, Daria; Kušić, Hrvoje; Dionysiou, Dionysios D.; Rasulev, Bakhtiyor; Lončarić Božić, Ana. Modeling of photooxidative degradation of aromatics in water matrix; combination of mechanistic and structural-relationship approach. // <i>Chemical engineering journal</i> . 257 (2014) ; 229-241	4,321 (2014.)	DA
16.	Juretić, Daria; Purić, Jelena; Kušić, Hrvoje; Marin, Vedrana; Lončarić Božić, Ana. Structural influence on photooxidative degradation of halogenated phenols. // <i>Water, air and soil pollution</i> . 225 (2014) ; 2143-1-2143-18	1,554 (2014.)	DA
17.	Kalinski, Ivana; Juretić, Daria; Kušić, Hrvoje; Peternel, Igor; Lončarić Božić, Ana. Structural aspects of degradation of sulfoaromatics by UV/H ₂ O ₂ process. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 293 (2014) ; 1-11	2,495 (2014.)	NE
18.	Kassal, Petar; Šurina, Robert; Vrsaljko, Domagoj; Murković Steinberg, Ivana. Hybrid sol-gel thin films doped with a pH indicator : Effect of organic modification on optical pH response and surface hydrophobicity. // <i>Journal of sol-gel science and technology</i> . 69 (2014); 3; 586-595	1,532 (2014.)	DA
19.	Katančić, Zvonimir; Kratožil Krehula, Ljerka; Ptiček Siročić, Anita; Grozdanić, Vedrana; Hrnjak-Murgić, Zlata. Effect of modified nanofillers on fire retarded HDPE/Wood composites. // <i>Journal of composite materials</i> . 48 (2014); 30; 3771-3783	1,173 (2014.)	NE
20.	Katančić, Zvonimir; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata. Flammability and thermal properties of zeolite filled high-impact polystyrene composites. // <i>Polymer-plastics technology and engineering</i> . 53 (2014); 14; 1487-1493	1,481 (2012.)	DA
21.	Katančić, Zvonimir; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata; Jelenčić, Jasenka. Thermal decomposition of fire-retarded high-impact polystyrene and high-impact polystyrene/ethylene–vinyl acetate blend nanocomposites followed by thermal analysis. // <i>Journal of elastomers and plastics</i> . 46 (2014); 3; 233-252	0,773 (2014.)	DA
22.	Katić, Jozefina; Metikoš-Huković, Mirjana. Correlation between electronic and corrosion properties of the passive oxide film on Nitinol. // <i>Acta chimica Slovenica</i> . 61 (2014) ; 350-356	0,686 (2014.)	NE

23.	Katić, Jozefina; Metikoš-Huković, Mirjana; Babić, Ranko. Synthesis and characterization of calcium phosphate coatings on Nitinol. // <i>Journal of applied electrochemistry</i> . 44 (2014), 1; 87-96	2,409 (2014.)	NE
24.	Katić, Jozefina; Metikoš-Huković, Mirjana; Škapin, Srečo Davor; Petravić, Mladen; Varašanec, Marijana. The potential-assisted deposition as valuable tool for producing functional apatite coatings on metallic materials. // <i>Electrochimica acta</i> . 127 (2014); 173-179	4,504 (2014.)	DA
25.	Katić, Višnja; Otmačić Ćurković, Helena; Semenski, Damir; Baršić, Gorana; Marušić, Katarina; Špalj, Stjepan. Influence of surface layer on mechanical and corrosion properties of nickel-titanium orthodontic wires. // <i>Angle orthodontist</i> . 84 (2014); 6; 1041-1048	1,225 (2014.)	DA
26.	Kereković, Irena; Milardović, Stjepan; Palčić, Marina; Grabarić, Zorana. Characterization of cysteamine self assembled on gold functionalized with nitrilotriacetic acid and evaluation of copper(II) binding capacity with adsorption transfer stripping voltammetry. // <i>Journal of electroanalytical chemistry</i> . 724 (2014); 103-110	2,729 (2014.)	DA
27.	Kopčić, Nina; Vuković Domanovac, Marija; Kučić, Dajana; Briški, Felicita. Evaluation of laboratory-scale in-vessel co-composting of tobacco and apple waste. // <i>Waste management</i> . 34 (2014); 2; 323-328	3,220 (2014.)	NE
28.	Kratofil Krehula, Ljerka; Katančić, Zvonimir; Ptiček Siročić, Anita; Hrnjak-Murgič, Zlata. Weathering of high density polyethylene-wood plastic composites. // <i>Journal of wood chemistry and technology</i> . 34 (2014); 1; 39-54	1,588 (2014.)	NE
29.	Kurajica, Stanislav; Popović, Jasminka; Gazivoda, Tatjana; Tkalčec Čižmek, Emilija; Simčić, Ivan; Mandić, Vilko; Altomare, Angela; Moliterni, Anna; Rocquefelte, Xavier. A structural investigation of tris(ethyl acetoacetate)aluminium (III). // <i>Journal of sol-gel science and technology</i> . 71 (2014); 217-223	1,532 (2014.)	DA
30.	Kurajica, Stanislav; Škorić, Irena; Lozić, Iva; Mandić, Vilko. Ethyl acetoacetate ligand distribution in the course of titanium n-butoxide chelation. // <i>Materials chemistry and physics</i> . 147 (2014); 3; 1058-1067	2,259 (2014.)	NE
31.	Mandić, Vilko; Tkalčec Čižmek, Emilija; Kurajica, Stanislav. The effect of La ₂ O ₃ addition on sol-gel derived mullitization. // <i>Journal of the American ceramic society</i> . 97 (2014); 7; 2264-2271	2,610 (2014.)	NE
32.	Marušić, Katarina; Hajdari, Zana; Otmačić Ćurković, Helena. Optimizing the preparation procedure of self- assembled monolayer of stearic acid for protection of cupronickel alloy. // <i>Acta chimica Slovenica</i> . 61 (2014); 328-339	0,686 (2014.)	NE
33.	Matijašević, Ljubica; Vučković, Ana; Dejanović, Igor. Analysis of cooling water systems in a petroleum refinery. // <i>Chemical and biochemical engineering quarterly</i> . 28 (2014); 4; 451-457	0,802 (2014.)	DA
34.	Milovac, Dajana; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. PCL-coated hydroxyapatite scaffold derived from cuttlefish bone: Morphology, mechanical properties and bioactivity. // <i>Materials science and engineering: C, Materials for biological applications</i> . 34 (2014); 437-445	3,088 (2014.)	DA
35.	Milovac, Dajana; Gamboa-Martínez Tatiana C.; Ivanković, Marica; Gallego Ferrer, Gloria; Ivanković, Hrvoje. PCL-coated hydroxyapatite scaffold derived from cuttlefish bone: in vitro cell culture studies. // <i>Materials science and engineering: C, Materials for biological applications</i> . 42 (2014); 264-272	3,088 (2014.)	DA
36.	Milovac, Nikolina; Juretić, Daria; Kušić, Hrvoje; Đermadi, Jasna; Lončarić Božić, Ana. Photooxidative degradation of aromatic carboxylic acids in water; influence of hydroxyl substituents. // <i>Industrial & engineering chemistry research</i> . 53 (2014), 26; 10590-10598	2,587 (2014.)	DA
37.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Blažek, Dijana; Župan, Josip. The sorption of sulfamethazine on soil samples: Isotherms and error analysis. // <i>Science of the total environment</i> . 497-498 (2014); 543-552	4,099 (2014.)	DA
38.	Palčić, Marina; Milardović, Stjepan; Kereković, Irena; Grabarić, Zorana. Application of nitrilotriacetic acid modified gold electrode for determination of lead in natural waters with differential pulse adsorptive cathodic stripping voltammetry. // <i>International journal of electrochemical science</i> . 9 (2014); 7; 3701-3714	1,500 (2014.)	DA

39.	Papić, Sanja; Peternel, Igor; Krevzelj, Željko; Kušić, Hrvoje; Koprivanac, Natalija. Advanced oxidation of an azo dye and its synthesis intermediates in aqueous solution: effect of Fenton treatment on mineralization, biodegradability and toxicity. // <i>Environmental engineering and management journal</i> . 13 (2014), 10; 2561-2571	1,065 (2014.)	NE
40.	Perin, Nataša; Nhili, Raja; Ester, Katja; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Synthesis, antiproliferative activity and DNA binding properties of novel 5-aminobenzimidazo[1,2-a]quinoline-6-carbonitriles. // <i>European journal of medicinal chemistry</i> . 80 (2014); 218-227	3,447 (2014.)	DA
41.	Periša, Martina; Babić, Sandra. Simultaneous determination of pharmaceuticals and some of their metabolites in wastewaters by high performance liquid chromatography-tandem mass spectrometry. // <i>Journal of separation science</i> . 37 (2014); 1289-1296	2,737 (2014.)	NE
42.	Plodinec, Milivoj; Gajović, Andreja; Iveković, Damir; Tomašić, Nenad; Zimmerman, Boris; Macan, Jelena; Haramina, Tatjana; Su, DangSeng; Willinger, Marc. Study of thermal stability of (3-aminopropyl)trimethoxy silane-grafted titanate nanotubes for application as nanofillers in polymers. // <i>Nanotechnology</i> . 25 (2014); 435601-435614	3,821 (2014.)	DA
43.	Ptiček Siročić, Anita; Rešček, Ana; Hrnjak-Murgić, Zlata. Polyethylene nanocomposites filled with modified nanoparticles. // <i>Polymer-plastics technology and engineering</i> . 53 (2014); 8; 811-817	1,481 (2012.)	DA
44.	Ptiček Siročić, Anita; Rešček, Ana; Ščetar, Mario; Kratožil Krehula, Ljerka; Hrnjak-Murgić, Zlata. Development of low density polyethylene nanocomposites films for packaging. // <i>Polymer bulletin</i> . 71 (2014); 3; 705-717	1,438 (2014.)	DA
45.	Ptiček Siročić, Anita; Kratožil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Kinetic analysis of thermal and thermo-oxidative degradation of polyethylene (nano)composites. // <i>Composite interfaces</i> . 21 (2014); 3; 179-189	0,726 (2014.)	NE
46.	Pustak, Anđela; Leskovic, Mirela; Denac, Matjaž; Švab, Iztok; Pohleven, Janez; Makarovič, Matjaž; Musil, Vojko; Šmit, Ivan. Interfacial and mechanical properties of polypropylene/silica nano- and microcomposites. // <i>Journal of reinforced plastics and composites</i> . 33 (2014); 9; 851-861	1,503 (2014.)	DA
47.	Rogina, Anamarija. Electrospinning process: Versatile preparation method for biodegradable and natural polymers and biocomposite systems applied in tissue engineering and drug delivery. // <i>Applied surface science</i> . 296 (2014); 221-230	2,711 (2014.)	NE
48.	Rogošič, Marko; Sander, Aleksandra; Pantaler, Martina. Application of 1-pentyl-3-methylimidazolium bis(trifluoromethylsulfonyl) imide for desulfurization, denitrification and dearomatization of FCC gasoline. // <i>Journal of chemical thermodynamics</i> . 76 (2014); 1-15	2,679 (2014.)	NE
49.	Sander, Aleksandra; Penović, Tomislav. Droplet size distribution obtained by atomization with two-fluid nozzles in a spray dryer. // <i>Chemical engineering & technology</i> . 37 (2014); 12; 2073-2084	2,442 (2014.)	NE
50.	Somogyi Škoc, Maja; Macan, Jelena; Pezelj, Emira. Modification of polyurethane-coated fabrics by sol-gel thin films. // <i>Journal of applied polymer science</i> . 131 (2014); 4; 39914-1-39914-13	1,768 (2014.)	DA
51.	Sopčič, Suzana; Mandić, Zoran; Kraljić Roković, Marijana. Some factors influencing power and energy capabilities of RuO ₂ supercapacitors. // <i>Acta chimica Slovenica</i> . 61 (2014); 2; 272-279	0,686 (2014.)	NE
52.	Steinberg, Matthew D.; Kassal, Petar; Tkalčec, Biserka; Murković Steinberg, Ivana. Miniaturised wireless smart tag for optical chemical analysis applications. // <i>Talanta</i> . 118 (2014); 375-381	3,545 (2014.)	DA
53.	Steinberg, Matthew D.; Žura, Ivan; Murković Steinberg, Ivana. Wireless smart tag with on-board conductometric chemical sensor. // <i>Sensors and actuators. B, Chemical</i> . 196 (2014); 208-214	4,097 (2014.)	DA
54.	Sudar, Martina; Findrik, Zvezdana; Vuković Domanovac, Marija; Vasić-Rački, Đurđa. Coenzyme regeneration catalyzed by NADH oxidase from <i>Lactococcus lactis</i> . // <i>Biochemical engineering journal</i> . 88 (2014); 12-18	2,467 (2014.)	NE

55.	Šalić, Anita; Zelić, Bruno. ADH catalysed hexanol oxidation with fully integrated NADH regeneration performed in microreactors connected in series. // <i>RSC Advances</i> . 4 (2014); 41714-41721	3,840 (2014.)	NE
56.	Štrkalj, Anita; Glavaš, Zoran; Matijašić, Gordana. Adsorption of hexavalent chromium from aqueous solution by steel-making slag. // <i>Materiali in tehnologije</i> . 48 (2014); 5; 619-622	0,548 (2014.)	DA
57.	Tarbuk, Anita; Grancarić, Anamarija; Leskovic, Mirela. Novel cotton cellulose by cationisation during the mercerisation process - Part 1: Chemical and morphological changes. // <i>Cellulose</i> . 21 (2014); 3; 2167-2179	3,573 (2014.)	DA
58.	Tarbuk, Anita; Grancarić, Anamarija; Leskovic, Mirela. Novel cotton cellulose by cationisation during mercerisation - Part 2: Interface phenomena. // <i>Cellulose</i> . 21 (2014); 3; 2089-2099	3,573 (2014.)	DA
59.	Tišma, Marina; Molnar, Maja; Škarica, Marija; Čačić, Milan; Zelić, Bruno. Laccase inhibiting activity of some coumarin derivatives. // <i>Letters in organic chemistry</i> . 11 (2014); 583-589	0,664 (2014.)	DA
60.	Tkalčec, Emilija; Popović, Jasminka; Orlić, Sebastijan; Milardović, Stjepan; Ivanković, Hrvoje. Hydrothermal synthesis and thermal evolution of carbonate-fluorhydroxyapatite scaffold from cuttlefish bones. // <i>Materials science and engineering C, Materials for biological applications</i> . 42 (2014); 578-586	3,088 (2014.)	DA
61.	Tusić, Marko; Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa. Operational stability of glucoamylase in continuously operated ultrafiltration membrane reactor – experimental methods and mathematical model. // <i>Chemical and biochemical engineering quarterly</i> . 28 (2014); 4; 473-480	0,802 (2014.)	NE
62.	Ukić, Šime; Mandić, Vilko; Buić, Zdenko; Bolanča, Tomislav; Zelić, Bruno; Kurajica, Stanislav; Novak, Mirjana. Sorption kinetics and structural investigations of acid and alkali pretreated bentonite used for ammonium and phosphate removal from petrochemical wastewater. // <i>Fresenius environmental bulletin</i> . 23 (2014); 5; 1260-1270	0,378 (2014.)	DA
63.	Ukić, Šime; Novak, Mirjana; Vlahović, Ana; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography—Part I: Conventional QSRR approach. // <i>Chromatographia</i> . 77 (2014); 985-996	1,411 (2014.)	DA
64.	Ukić, Šime; Novak, Mirjana; Vlahović, Ana; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography. Part II: Artificial intelligence QSRR approach. // <i>Chromatographia</i> . 77 (2014); 997-1007	1,411 (2014.)	DA
65.	Valinger, Davor; Vrsalović Presečki, Ana; Kurtanjek, Želimir; Pohl, Martina; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa. Continuous enzymatic carbonylation of benzaldehyde and acetaldehyde in an enzyme ultrafiltration membrane reactor and laminar flow microreactors. // <i>Journal of Molecular Catalysis B: Enzymatic</i> . 102 (2014); 132-137	2,128 (2014.)	DA
66.	Volovšek, Vesna; Dananić, Vladimir; Bistričić, Lahorija; Movre Šapić, Iva; Furić Krešimir. Raman study of vibrational dynamics of aminopropylsilanetriol in gas phase. // <i>Spectrochimica acta part A: Molecular and biomolecular spectroscopy</i> . 117 (2014); 478-484	2,353 (2014.)	DA
67.	Vrankić, Martina; Žagar, Kristina; Bijelić, Mirjana; Popović, Jasminka; Gržeta, Biserka; Kurajica, Stanislav. Microstructure of sol-gel derived Mn-doped gahnite: Correlation of TEM and XRD investigations. // <i>Journal of physics and chemistry of solids</i> . 75 (2014); 11; 1240-1244	1,853 (2014.)	DA
68.	Vuk, Dragana; Kikaš, Ilijana; Molčanov, Krešimir; Horváth, Ottó; Škorić, Irena. Functionalization of the benzobicyclo[3.2.1]octadiene skeleton via photocatalytic oxygenation of thiophene and furan derivatives: the impact of the type and position of the heteroatom. // <i>Journal of molecular structure</i> . 1063 (2014); 83-91	1,602 (2014.)	DA
69.	Vuk, Dragana; Marinić, Željko; Molčanov, Krešimir; Margetić, Davor; Škorić, Irena. Thermal electrocyclization reactions II: benzooctatetraenes and benzodecapentaenes. // <i>Tetrahedron</i> . 70 (2014); 886-891	2,641 (2014.)	DA

70.	Vuk, Dragana; Marinić, Željko; Škorić, Irena. Photochemical approach to new polycyclic substrates suitable for further photocatalytic functionalization. // <i>Croatica chemica acta</i> . 87 (2014); 465-473	0,728 (2014.)	DA
71.	Vuk, Dragana; Molčanov, Krešimir; Škorić, Irena. Weak interactions direct crystal packings of arylated 1, 3-butadienes. // <i>Journal of molecular structure</i> . 1065-1066 (2014); 43-51	1,602 (2014.)	DA
72.	Vuk, Dragana; Molčanov, Krešimir; Škorić, Irena. Novel arylated chloro- and methoxy-1, 3-dibutadienes: influence of substituents on molecular conformation and crystal packing. // <i>Journal of molecular structure</i> . 1068 (2014); 124-129	1,602 (2014.)	DA
73.	Zrnčić, Mirta; Gros, Meritxell; Babić, Sandra; Kaštelan-Macan, Marija; Barcelo, Damia; Petrović Mira. Analysis of anthelmintics in surface water by ultra high performance liquid chromatography coupled to quadrupole linear ion trap tandem mass spectrometry. // <i>Chemosphere</i> . 99 (2014); 224-232	3,340 (2014.)	DA
74.	Žižek, Krunoslav; Hraste, Marin; Gomzi, Zoran. High shear granulation of dolomite – II: Effect of amount of binder liquid on process kinetics. // <i>Chemical engineering research and design</i> . 92 (2014); 1091-1106	2,348 (2014.)	NE
75.	Žura, Ivan; Babić, Dinko; Steinberg, Matthew D.; Murković Steinberg, Ivana. Low-cost conductometric transducers for use in thin polymer film chemical sensors. // <i>Sensors and actuators. B, Chemical</i> . 193 (2014); 128-135	4,097 (2014.)	DA
76.	Babić, Sandra; Zrnčić, Mirta; Ljubas, Davor; Čurković, Lidija; Škorić, Irena. Photolytic and thin TiO ₂ film assisted photocatalytic degradation of sulfamethazine in aqueous solution. // <i>Environmental science and pollution research</i> . 22 (2015); 15; 11372-11386	2,760 (2015.)	DA
77.	Bistričić, Lahorija; Borjanović, Vesna; Leskovic, Mirela; Mikac, Lara; McGuire, GE; Shenderova, Olga; Nunn, Nick. Raman spectra, thermal and mechanical properties of poly(ethylene terephthalate) carbon-based nanocomposite films. // <i>Journal of polymer research</i> . 22 (2015); 3; 39-1-39-12	1,969 (2015.)	DA
78.	Budžaki, Sandra; Šalić, Anita; Zelić, Bruno; Tišma, Marina. Enzyme catalyzed biodiesel production from edible and waste cooking oil. // <i>Chemical and biochemical engineering quarterly</i> . 29 (2015); 3; 329-333	0,675 (2015.)	DA
79.	Dujella, Andrej; Gusić, Ivica; Tadić, Petra. The rank and generators of Kihara's elliptic curve with torsion $Z/4Z$ over $Q(t)$. // <i>Proceedings of the Japan academy. Series A mathematical sciences</i> . 91 (2015); 8; 105-109	0,286 (2015.)	DA
80.	Faraguna, Fabio; Siuc, Valentina; Vidović, Elvira; Jukić, Ante. Reactivity ratios and properties of copolymers of 2-ethoxyethyl methacrylate with dodecyl methacrylate or styrene. // <i>Journal of polymer research</i> . 22 (2015); 245-1-245-11	1,969 (2015.)	NE
81.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Reactivity ratios and copolymer properties of 2-(diisopropylamino)ethyl methacrylate with methyl methacrylate and styrene. // <i>Polymer international</i> . 64 (2015); 1497-1504	2,414 (2015.)	NE
82.	Govorčin Bajsić, Emi; Ocelić Bulatović, Vesna; Rek, Vesna. The influence of filler treatment on the properties of TPU/PP blends: I. Thermal properties and stability. // <i>Polymer engineering and science</i> . 55 (2015); 8; 1920-1930	1,719 (2015.)	NE
83.	Grčić, Ivana; Vrsaljko, Domagoj; Katančić, Zvonimir; Papić, Sanja Purification of household greywater loaded with hair colorants by solar photocatalysis using TiO ₂ -coated textile fibers coupled flocculation with chitosan. // <i>Journal of water process engineering</i> . 5 (2015); 15-27	3,173 (2018.)	NE
84.	Gusić, Ivica; Tadić, Petra. Injectivity of the specialization homomorphism of elliptic curves. // <i>Journal of number theory</i> . 148 (2015); 137-152	0,596 (2015.)	DA
85.	Hrkovac, Martina; Prlić Kardum, Jasna; Ukrainczyk, Neven. Influence of NaCl on granulometric characteristics and polymorphism in batch-cooling crystallization of Glycine. // <i>Chemical engineering & technology</i> . 38 (2015); 1; 139-146	2,385 (2015.)	NE

86.	Ivušić, Franjo; Lahodny-Šarc, Olga; Otmačić Ćurković, Helena; Alar, Vesna. Synergistic inhibition of carbon steel corrosion in seawater by cerium chloride and sodium gluconate. // <i>Corrosion science</i> . 98 (2015); 88-97	5,154 (2015.)	DA
87.	Juretić, Daria; Kušić, Hrvoje; Dionysiou, Dionysios D.; Rasulev, Bakhtiyor; Peternel, Igor; Lončarić Božić, Ana. Prediction of key structural features responsible for aromaticity of single-benzene ring pollutants and their photooxidative intermediates. // <i>Chemical engineering journal</i> . 276 (2015); 261-273	5,310 (2015.)	DA
88.	Jurinjak Tušek, Ana; Anić, Iva; Kurtanjek, Želimir; Zelić, Bruno. Mass transfer coefficients of slug flow for organic solvent-aqueous system in a microreactor. // <i>Korean journal of chemical engineering</i> . 32 (2015); 6; 1037-1045	1,408 (2015.)	DA
89.	Kassal, Petar; Kim, Jayoung; Kumar, Rajan; de Araujo, William Reis; Steinberg, Ivana; Steinberg, Matthew; Wang, Joseph. Smart bandage with wireless connectivity for uric acid biosensing as an indicator of wound status. // <i>Electrochemistry communications</i> . 56 (2015); 6-10	4,569 (2015.)	DA
90.	Katić, Jozefina; Metikoš-Huković, Mirjana; Milošev, Ingrid. Ionic and electronic conductivity of the anodic films on nickel. // <i>Journal of the electrochemical society</i> . 162 (2015) , 14; C767-C774	3,014 (2015.)	DA
91.	Katić, Jozefina; Metikoš-Huković, Mirjana; Peter, Robert; Petravić, Mladen. The electronic structure of the α -Ni(OH) ₂ films: Influence on the production of the high-performance Ni-catalyst surface. // <i>Journal of power sources</i> . 282 (2015) ; 421-428	6,333 (2015.)	DA
92.	Katić, Višnja; Mandić, Vilko; Ježek, Damir; Baršić, Gorana; Špalj, Stjepan. Influence of various fluoride agents on working properties and surface characteristics of uncoated, rhodium coated and nitrified nickel- titanium orthodontic wires. // <i>Acta odontologica scandinavica</i> . 73 (2015); 4; 241-249	1,171 (2015.)	DA
93.	Košutić, Krešimir; Dolar, Davor; Strmecky, Tea. Treatment of landfill leachate by membrane processes of nanofiltration and reverse osmosis. // <i>Desalination and water treatment</i> . 55 (2015); 10; 2680-2689	1,272 (2015.)	NE
94.	Kraguljac, Kornelije; Vidović, Elvira; Šoljić Jerbić, Ivana; Jukić, Ante. A chromatographic study of shear stability of poly(styrene-co-alkyl methacrylate) viscosity modifier for lubricating oils. // <i>Petroleum science and technology</i> . 33 (2015); 374-380	0,418 (2015.)	NE
95.	Kratofil Krehula, Ljerka; Hrnjak-Murgić, Zlata; Jelenčić, Jasenka. Study of masterbatch effect on miscibility and morphology in PET/HDPE blends. // <i>Journal of adhesion science and technology</i> . 29 (2015); 2; 74-93	0,863 (2015.)	NE
96.	Kratofil Krehula, Ljerka; Katančić, Zvonimir; Marić, Gojko; Hrnjak-Murgić, Zlata. Study of fire retardancy, thermal and mechanical properties of HDPE-wood composites. // <i>Journal of wood chemistry and technology</i> . 35 (2015); 6; 412-423	1,830 (2015.)	DA
97.	Krištafor, Svjetlana; Bistrović, Andrea; Plavec, Janez; Makuc, Damjan; Martinović, Tamara; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. One-pot click synthesis of 1, 2, 3-triazole- embedded unsaturated uracil derivatives and hybrids of 1, 5- and 2, 5-disubstituted tetrazoles and pyrimidines. // <i>Tetrahedron letters</i> . 56 (2015); 1222-1228	2,347 (2015.)	DA
98.	Le Cunff, Jérôme; Tomašić, Vesna; Wittine, Ozren. Photocatalytic degradation of the herbicide terbuthylazine: preparation, characterization and photoactivity of the immobilized thin layer of TiO ₂ /chitosan. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 309 (2015); 22-29	2,477 (2015.)	DA
99.	Mandić, Vilko; Kurajica, Stanislav. The influence of solvents on sol-gel derived calcium aluminate. // <i>Materials science in semiconductor processing</i> . 38 (2015); 306-313	2,264 (2015.)	NE
100.	Maračić, Silvija; Gazivoda Kraljević, Tatjana; Čipčić Paljetak, Hana; Perić, Mihaela; Matijašić, Mario; Verbanac, Donatella; Cetina, Mario; Raić-Malić Silvana. 1,2,3-Triazolepharmacophore-based benzofused nitrogen/sulfur heterocycles with potential anti- Moraxella catarrhalis activity. // <i>Bioorganic & medicinal chemistry</i> . 23 (2015); 7448-7463	2,923 (2015.)	DA
101.	Meščić, Andrijana; Harej, Anja; Klobučar, Marko; Glavač, Danijel; Cetina, Mario; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Discovery of new acid ceramidase-targeted acyclic 5-alkynyl and 5-heteroaryl uracil nucleosides. // <i>ACS Medicinal chemistry letters</i> . 6 (2015); 11; 1150-1155	3,355 (2015.)	DA

102.	Miklečić, Josip; Lučić Blagojević, Sanja; Petrić, Marko; Jirouš-Rajković, Vlatka. Influence of TiO ₂ and ZnO nanoparticles on properties of waterborne polyacrylate coating exposed to outdoor conditions. // <i>Progress in organic coatings</i> . 89 (2015); 67-74	2,632 (2015.)	DA
103.	Mutavdžić Pavlović, Dragana; Nikšić, Korana; Livazović, Sara; Brnardić, Ivan; Anžlovar, Alojz. Preparation and application of sulfaguanidine- imprinted polymer on solid-phase extraction of pharmaceuticals from water. // <i>Talanta</i> . 131 (2015); 99-107	4,035 (2015.)	DA
104.	Panjičko, Mario; Zupančič, Gregor Drago; Zelić, Bruno. Anaerobic biodegradation of raw and pre-treated brewery spent grain utilizing solid state anaerobic digestion. // <i>Acta chimica Slovenica</i> . 62 (2015); 4; 818-827	1,167 (2015.)	DA
105.	Pustak, Anđela; Denac, Matjaž; Leskovic, Mirela; Švab, Iztok; Musil, Vojko; Šmit, Ivan. Polypropylene/silica micro- and nanocomposites modified with poly(styrene-b-ethylene-co-butylene-b-styrene). // <i>Journal of applied polymer science</i> . 132 (2015); 6; 41486-41498	1,866 (2015.)	DA
106.	Pustak, Anđela; Denac, Matjaž; Leskovic, Mirela; Švab, Iztok; Musil, Vojko; Šmit, Ivan. Morphology and mechanical properties of iPP/silica composites modified with (styrene-b-ethylene-co-butylene-b-styrene) grafted with maleic anhydride. // <i>Polymer-plastics technology and engineering</i> . 54 (2015); 6; 647-660	1,511 (2015.)	DA
107.	Raić-Malić, Silvana; Meščić, Andrijana. Recent trends in 1, 2, 3-triazolo-nucleosides as promising anti-infective and anticancer agents. // <i>Current medicinal chemistry</i> . 22 (2015); 1462-1499	3,455 (2015.)	NE
108.	Rastija, Vesna; Agić, Dejan; Tomić, Sanja; Nikolić, Sonja; Hranjec, Marijana; Karminski-Zamola, Grace; Abramić, Marija. Synthesis, QSAR, and molecular dynamics simulation of amidino-substituted nenzimidazoles as dipeptidyl peptidase III inhibitors. // <i>Acta chimica Slovenica</i> . 62 (2015); 4; 867-878	1,167 (2015.)	DA
109.	Rešček, Ana; Kratofil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Active bilayer PE/PCL films for food packaging modified with zinc oxide and casein. // <i>Croatica chemica acta</i> . 88 (2015);4; 461-473	0,732 (2015.)	DA
110.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Effect of in situ formed hydroxyapatite on microstructure of freeze-gelled chitosan-based biocomposite scaffolds. // <i>European polymer journal</i> . 68 (2015); 278-287	3,485 (2015.)	DA
111.	Sović, Irena; Viskić, Marko; Bertoša, Branimir; Ester, Katja; Kralj, Marijeta; Hranjec, Marijana; Karminski-Zamola, Grace. Exploring antiproliferative activity of heteroaromatic amides and their fused derivatives using 3D-QSAR, synthesis and biological tests. // <i>Monatshefte für Chemie</i> . 146 (2015); 9; 1503-1517	1,131 (2015.)	DA
112.	Steinberg, Matthew; Kassal, Petar; Kereković, Irena; Steinberg, Ivana. A wireless potentiostat for mobile chemical sensing and biosensing. // <i>Talanta</i> . 143 (2015); 178-183	4,035 (2015.)	DA
113.	Sudar, Martina; Findrik, Zvezdana; Vasić-Rački, Đurđa; Soler, Anna; Clapes, Pere. A new concept for production of (3S, 4R)-6- [(benzyloxycarbonyl)amino]-5, 6-dideoxyhex-2-ulose, a precursor of D-fagomine. // <i>RSC Advances</i> . 5 (2015); 69819-69828	3,289 (2015.)	DA
114.	Šabić, Monika; Čižmek, Lara; Vuković Domanovac, Marija; Meštrović, Ernest. Biodegradation of erythromycin with environmental microorganism <i>Pseudomonas aeruginosa</i> 3011. // <i>Chemical and biochemical engineering quarterly</i> . 29 (2015); 3; 367-373	0,675 (2015.)	NE
115.	Šamec, Dunja; Gruz, Jiri; Durgo, Ksenija; Kremer, Dario; Kosalec, Ivan; Valek Žulj, Lidija; Martinež, Sanja; Salopek-Sondi, Branka; Piljac-Žegarac, Jasenka. Molecular and cellular approach in the study of antioxidant/prooxidant properties of <i>Micromeria croatica</i> (Pers.) Schott. // <i>Natural product research</i> . 29 (2015); 18; 1770-1774	1,057 (2015.)	DA
116.	Šmidt, Marina; Kušić, Hrvoje Juretić, Daria; Novak Stankov, Mirjana; Ukić, Šime; Bolanča, Tomislav; Rogošić, Marko; Lončarić Božić, Ana. Modeling photooxidative degradation of aromatics in water; optimization study using response surface and structural-relationship approaches. // <i>Industrial & engineering chemistry research</i> . 54 (2015); 20; 5427-5441	2,567 (2015.)	NE

117.	Štrkalj, Anita; Glavaš, Zoran; Matijašić, Gordana. Removal of Ni (II) and Cr (VI) ions from aqueous solution using by-product from the production of aluminium. // <i>Metallurgija</i> . 54 (2015); 1; 31-34	0,959 (2014.)	DA
118.	Švarc, Anera; Valinger, Davor; Vasić-Rački, Đurđa; Vrsalović Presečki, Ana. Stereoselective synthesis of phenylpropane 1, 2- diols from (S)-2-hydroxypropiofenone by NADH- dependent oxidoreductases. // <i>Biochemical engineering journal</i> . 103 (2015); 15; 250-255	2,463 (2015.)	DA
119.	Touabi, Noura; Martinez, Sanja; Bounoughaz, Moussa. Optimization of electrochemical copper recovery process: effect of the rotation speed in chloride medium of pH=3. // <i>International journal of electrochemical science</i> . 10 (2015); 7227-7240	1,692 (2015.)	DA
120.	Ukić, Šime; Novak, Mirjana; Krilić, Anamarija; Avdalović, Nebojša; Liu, Yan; Buszewski, Bogusław; Bolanča, Tomislav. Development of gradient retention model in ion chromatography. Part III: Fuzzy logic QSRR approach. // <i>Chromatographia</i> . 78 (2015); 889-898	1,332 (2015.)	DA
121.	Valek Žulj, Lidija; Serdar, Marijana; Martinez, Sanja. Effect of tartrate on the electrochemical behaviour and semiconductive properties of passive film on steel in saturated calcium hydroxide. // <i>Materials and corrosion</i> . 66 (2015); 11; 1344-1353	1,450 (2015.)	DA
122.	Vrsalović, Mislav; Vučur, Ksenija; Car, Boris; Krcmar, Tomislav; Vrsalović Presečki, Ana. C-reactive protein, renal function and cardiovascular outcome in patients with symptomatic peripheral artery disease and preserved left ventricular systolic function. // <i>Croatian medical journal</i> . 56 (2015); 351-356	1,483 (2015.)	DA
123.	Vrsalović, Mislav; Željковиć, Ivan; Vrsalović Presečki, Ana; Pintarić, Hrvoje; Krušlin Božo. C-reactive protein, not cardiac troponin T, improves risk prediction in hypertensives with type A aortic dissection. // <i>Blood pressure</i> . 24 (2015); 212-216	2,010 (2015.)	DA
124.	Vrsaljko, Domagoj; Macut, Dejan; Kovačević, Vera. Potential role of nanofillers as compatibilizers in immiscible PLA/LDPE blends. // <i>Journal of applied polymer science</i> . 132 (2015); 6; 41414-1-41414-14	1,866 (2015.)	NE
125.	Zrnčić, Mirta; Babić, Sandra; Mutavdžić Pavlović, Dragana. Determination of thermodynamic pKa values of pharmaceuticals from five different groups using capillary electrophoresis. // <i>Journal of separation science</i> . 38 (2015); 1232-1239	2,741 (2015.)	NE
126.	Bačić, Ivana; Otmačić Ćurković, Helena; Ćurković, Lidija; Mandić, Vilko; Šokčević, Zrinka. Corrosion protection of AISI 316L stainless steel with the sol-gel yttria stabilized ZrO ₂ films: effects of sintering temperature and doping. // <i>International journal of electrochemical science</i> . 11 (2016); 9192-9205	1,469 (2016.)	DA
127.	Belščak-Cvitanović, Ana; Bušić, Arijana; Barišić, Lidija; Vrsaljko, Domagoj; Karlović, Sven; Špoljarić, Igor; Vojvodić, Aleksandra; Mršić, Gordan; Komes, Draženka. Emulsion templated microencapsulation of dandelion (<i>Taraxacum officinale</i> L.) polyphenols and β-carotene by ionotropic gelation of alginate and pectin. // <i>Food hydrocolloids</i> . 57 (2016); 139-152	4,747 (2016.)	DA
128.	Botti, Valentina; Elisei, Fausto; Faraguna, Fabio; Marinić, Željko; Mazzucato, Ugo; Šagud, Ivana; Šindler-Kulyk, Marija; Spalletti, Anna. Deactivating effect of the pyridine n, π* states on the photoreactivity of 5-[2-(pyrid-n-yl)ethenyl]oxazole (n = 2, 3 and 4). // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 329 (2016); 262-272	2,625 (2016.)	DA
129.	Brajša, Karmen; Vujasinović, Ines; Jelić, Dubravko; Trzun, Marija; Zlatar, Ivo; Karminski-Zamola, Grace; Hranjec, Marijana. Antitumor activity of amidino-substituted benzimidazole and benzimidazo[1, 2-a]quinoline derivatives tested in 2D and 3D cell culture systems. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 31 (2016); 6; 1139-1145	4,293 (2016.)	DA
130.	Brlenić, Valentina; Kušić, Hrvoje; Juretić, Daria; Lončarić Božić, Ana. Comparative study on photooxidative treatment of diclofenac; response surface and mechanistic modeling. // <i>Journal of water process engineering</i> . 10 (2016); 78-88	3,173 (2018.)	NE
131.	Burazer, Sanja; Sopčić, Suzana; Mandić, Zoran. Anodic deposition of lead dioxide at Nafion® covered gold electrode. // <i>Journal of solid state electrochemistry</i> . 20 (2016);11; 3053-3059	2,316 (2016.)	DA

132.	de Souza, Igor O. P.; Schrekker, Clarissa M. L.; Lopes, William; Orru, Romano V. A.; Hranjec, Marijana; Perin, Nataša; Machado, Michel; Oliveira, Luífs F; Donato, Ricardo K.; Stefani, Valter; Fuentefria, Alexandre M.; Schrekker, Henri S. Bifunctional fluorescent benzimidazo[1, 2- α]quinolines for <i>Candida</i> spp. biofilm detection and biocidal activity. // <i>Journal of photochemistry and photobiology. B, Biology.</i> 163 (2016); 319-326	2,673 (2016.)	DA
133.	Dolar, Davor; Košutić, Krešimir; Strmecky, Tea. Hybrid processes for treatment of landfill leachate: coagulation/UF/NF-RO and adsorption/UF/NF-RO. // <i>Separation and purification technology.</i> 168 (2016); 39-46	3,359 (2016.)	NE
134.	Drljača, Dijana; Ašperger, Danijela; Ferenčak, Matea; Gavrančić, Marija; Babić, Sandra; Mikac, Iva; Ahel, Marijan. Comparison of four extraction methods for the determination of veterinary pharmaceuticals in sediment. // <i>Chromatographia.</i> 79 (2016); 209-223	1,402 (2016.)	DA
135.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on their dispersibility and properties of poly(styrene/methacrylate) nanocomposites. // <i>European polymer journal.</i> 84 (2016); 218-235	3,531 (2016.)	NE
136.	Findrik, Zvezdana; Megyeri, Gabor; Gubicza, Laszlo; Bélafi-Bakó, Katalin; Nemestóthy, Nandor; Sudar, Martina. Lipase catalyzed synthesis of glucose palmitate in ionic liquid. // <i>Journal of cleaner production.</i> 112 (2016); 1106-1111	5,715 (2016.)	DA
137.	Findrik, Zvezdana; Tusić, Marko; Vasić-Rački, Đurđa. Stabilization of D-amino acid oxidase via covalent immobilization and mathematical model of D-methionine oxidative deamination catalyzed by immobilized enzyme. // <i>Chemical and biochemical engineering quarterly.</i> 30 (2016); 1; 93-102	0,923 (2016.)	NE
138.	Gazivoda Kraljević, Tatjana; Harej, Anja; Sedić, Mirela; Kraljević Pavelić, Sandra; Stepanić, Višnja; Drenjančević, Domagoj; Talapkof, Jasminka; Raić-Malić, Silvana. Synthesis, in vitro anticancer and antibacterial activities and in silico studies of new 4- substituted 1, 2, 3-triazole-coumarin hybrids. // <i>European journal of medicinal chemistry.</i> 124 (2016); 794-808	4,519 (2016.)	DA
139.	Glasnović, Zvonimir; Margeta, Karmen; Premec, Krunoslav. Could Key Engine, as a new open-source for RES technology development, start the third industrial revolution?. // <i>Renewable & sustainable energy reviews.</i> 57 (2016); 1194-1209	8,050 (2016.)	DA
140.	Govorčin Bajsić, Emi; Mijović, Budimir; Vranješ Penava, Nina; Holjevac Grgurić, Tamara; Slouf, Miroslav; Zdraveva, Emilija. The effect of UV irradiation on the electrospun PCL/TiO ₂ composites fibres. // <i>Journal of applied polymer science.</i> 133 (2016); 24; 43539-1-43539-9	1,860 (2016.)	DA
141.	Hajdari, Zana; Otmačić Ćurković, Helena; Čadež, Vida; Šegota, Suzana. Corrosion protection of cupronickel alloy by self-assembled films of fatty acids. // <i>Journal of the electrochemical society.</i> 163 (2016); 5; C145-C155	3,259 (2016.)	DA
142.	Hajdari Gretić, Zana; Kristan Mioč, Ekatarina; Čadež, Vida; Šegota, Suzana; Otmačić Ćurković, Helena; Hosseinpour, Saman. The influence of thickness of stearic acid self-assembled film on its protective properties. // <i>Journal of the electrochemical society.</i> 163 (2016); 14; C937-C944	3,259 (2016.)	DA
143.	Halvorsen, Ivar J.; Dejanović, Igor; Marak, Knut Arild; Olujić, Žarko; Skogestad, Sigurd. Dividing-wall column for fractionation of natural gas liquids in floating liquefied natural gas plants. // <i>Chemical engineering & technology.</i> 39 (2016) , 12; 2348-2354	2,051 (2016.)	DA
144.	Ivanković, Antonio; Martinez, Sanja; Šoić, Ivana. Suppression of general and localized corrosion by air-dried TiO ₂ nanostructured coatings on AISI 304 stainless steel. // <i>International journal of electrochemical science.</i> 11 (2016); 7660-7673	1,469 (2016.)	NE
145.	Jakić, Miće; Stipanelov Vrandečić, Nataša; Ocelić Bulatović, Vesna; Govorčin Bajsić, Emi. Miscibility of poly(vinyl chloride) with poly(ethylene oxide) of different molecular weights. // <i>Chemical and biochemical engineering quarterly.</i> 30 (2016); 1; 61-71	0,923 (2016.)	DA

146.	Jansen, Helmut; Dejanović, Igor; Rietfort, Thomas; Olujić, Žarko. Dividing wall column as energy saving retrofit technology. // <i>Chemie Ingenieur Technik</i> . 88 (2016); 200-207	0,877 (2016.)	DA
147.	Juretić Perišić, Daria; Gilja, Vanja; Novak Stankov, Mirjana; Katančić, Zvonimir; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Removal of diclofenac from water by zeolite-assisted advanced oxidation processes. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 321 (2016); 238-247	2,625 (2016.)	DA
148.	Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Marin, Vedrana; Lončarić Božić, Ana. Comparative analysis of UV-C/H ₂ O ₂ and UV-A/TiO ₂ processes for the degradation of diclofenac in water. // <i>Reaction kinetics, mechanisms and catalysis</i> . 118 (2016); 451-462	1,264 (2016.)	DA
149.	Katić, Jozefina; Metikoš-Huković, Mirjana; Šarić, Iva; Petravić, Mladen. Semiconducting properties of the oxide films formed on tin: capacitive and XPS studies. // <i>Journal of the electrochemical society</i> . 163 (2016), 5; C221-C227	3,259 (2016.)	DA
150.	Kerolli-Mustafa, Mihone; Mandić, Vilko; Čurković, Lidija; Šipušić, Juraj. Investigation of thermal decomposition of jarosite tailing waste: A prerequisite for comprehensive jarosite reuse and waste minimization. // <i>Journal of thermal analysis and calorimetry</i> . 123 (2016); 1; 421-430	1,953 (2016.)	DA
151.	Koričić, Krešimir; Kušić, Hrvoje; Koprivanac, Natalija; Papić, Sanja. Mineralization of salicylic acid in water by catalytic ozonation. // <i>Environmental engineering and management journal</i> . 15 (2016); 1; 151-166	1,096 (2016.)	DA
152.	Kovačić, Marin; Salaeh, Subhan; Kušić, Hrvoje; Suligoj, Andraz; Kete, Marko; Fanetti, Mattia; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Solar-driven photocatalytic treatment of diclofenac using immobilized TiO ₂ -based zeolite composites. // <i>Environmental science and pollution research</i> . 23 (2016); 17982-17994	2,741 (2016.)	DA
153.	Kovačić, Marin; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lončarić Božić, Ana. UV photolysis of diclofenac in water; kinetics, degradation pathway and environmental aspects. // <i>Environmental science and pollution research</i> . 23 (2016); 15; 14908-14917	2,741 (2016.)	NE
154.	Krehula, Stjepko; Ristić, Mira; Kubuki, Shiro; Iida, Yusuke; Kratožil Krehula, Ljerka; Musić, Svetozar. The effects of In ³⁺ doping on the properties of precipitated goethite. // <i>Journal of alloys and compounds</i> . 658 (2016); 41-48	3,133 (2016.)	DA
155.	Križan Milić, Janja; Dražević, Emil; Košutić, Krešimir; Simonić, Marjana. Microfiltration of cutting-oil emulsions enhanced by electrocoagulation. // <i>Desalination and water treatment</i> . 57 (2016); 24; 10959-10968	1,631 (2016.)	DA
156.	Kurajica, Stanislav; Minga, Iva; Guliš, Martina; Mandić, Vilko; Simčić, Ivan. High surface area ceria nanoparticles via hydrothermal synthesis experiment design. // <i>Journal of nanomaterials</i> . 2016 (2016); 7274949-1-7274949-8	1,871 (2016.)	DA
157.	Kurajica, Stanislav; Minga, Iva; Mandić, Vilko; Matijašić, Gordana. Nanocrystalline anatase derived from modified alkoxide mesostructured gel. // <i>Journal of thermal analysis and calorimetry</i> . 124 (2016); 2; 645-655	1,953 (2016.)	NE
158.	Maduna Valkaj, Karolina; Tomašić, Vesna; Katović, Andrea; Bielańska, ElżBieta. Synthesis and characterization of Cu-MFI catalyst for the direct medium temperature range NO decomposition. // <i>Materials science-Poland</i> . 34 (2016); 177-184	0,610 (2016.)	DA
159.	Mandić, Vilko; Tkalčec, Emilija; Popović, Jasminka; Kurajica, Stanislav; Schmauch, Jorg. Crystallization pathway of sol-gel derived zinc-doped mullite precursors. // <i>Journal of the European ceramic society</i> . 36 (2016); 5; 1285-1292	3,454 (2016.)	DA
160.	Mimica Tkalčec, Marijana; Bistričić, Lahorija; Leskovic, Mirela. Influence of adhesive layer on the stability of kozo paper. // <i>Cellulose</i> . 23 (2016); 1; 853-872	3,417 (2016.)	DA

161.	Pelajić, Maja; Peček, Gorana; Mutavdžić Pavlović, Dragana; Vitali Čepo, Dubravka. Novel multiresidue method for determination of pesticides in red wine using gas chromatography-mass spectrometry and solid phase extraction. // <i>Food chemistry</i> . 200 (2016); 98-106	4,529 (2016.)	DA
162.	Perin, Nataša; Nhili, Raja; Cindrić, Maja; Bertoša, Branimir; Vušak, Darko; Martin-Kleiner, Irena; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Amino substituted benzimidazo[1, 2-a]quinolines: Antiproliferative potency, 3D QSAR study and DNA binding properties. // <i>European journal of medicinal chemistry</i> . 122 (2016); 530-545	4,519 (2016.)	DA
163.	Planinić, Mirela; Zelić, Bruno; Čubel, Ivan; Bucić-Kojić, Ana; Tišma, Marina. Corn forage biological pretreatment by <i>Trametes versicolor</i> in a tray bioreactor. // <i>Waste management & research</i> . 34 (2016); 8; 802-809	1,803 (2016.)	DA
164.	Plavac, Bojan; Sutlović, Igor; Filipan, Veljko. Flexibility of mechanical biological treatment plants. // <i>Tehnički vjesnik-Technical gazette</i> . 23 (2016); 6; 1871-1877	0,723 (2016.)	NE
165.	Ptiček Siročić, Anita; Kratožil Krehula, Ljerka; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Characterization of casein fractions – comparison of commercial casein and casein extracted from cow's milk. // <i>Chemical and biochemical engineering quarterly</i> . 30 (2016); 4; 501-509	0,923 (2016.)	DA
166.	Pustak, Anđela; Denac, Matjaž; Leskovic, Mirela; Švab, Iztok; Musil, Vojko; Šmit, Ivan. Structure and morphology of silica-reinforced polypropylene composites modified with m-EPR copolymers. // <i>Journal of polymer research</i> . 23 (2016); 2; 37-1-37-12	1,615 (2016.)	DA
167.	Rešček, Ana; Ščetar, Mario; Hrnjak-Murgić, Zlata; Dimitrov, Nino; Galić, Kata. Polyethylene/polycaprolactone nanocomposite films for food packaging modified with magnetite and casein: oxygen barrier, mechanical and thermal properties. // <i>Polymer-plastics technology and engineering</i> . 55 (2016); 14; 1450-1459	1,232 (2016.)	DA
168.	Rogina, Anamarija; Hanžek, Andrija; Pribolšan, Lidija; Gómez-Estrada, Luis; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Macroporous poly(lactic acid) construct supporting the osteoinductive porous chitosan-based hydrogel for bone tissue engineering. // <i>Polymer</i> . 98 (2016); 172-181	3,684 (2016.)	DA
169.	Rogina, Anamarija; Rico, Patricia; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. In situ hydroxyapatite content affects the cell differentiation on porous chitosan/hydroxyapatite scaffolds. // <i>Annals of biomedical engineering</i> . 44 (2016); 4; 1107-1119	3,221 (2016.)	DA
170.	Rogošić, Marko; Sander, Aleksandra; Kojić, Vedran; Parlov Vuković, Jelena. Liquid-liquid equilibria in the ternary and multicomponent systems involving hydrocarbons, thiophene or pyridine and ionic liquid (1-benzyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide). // <i>Fluid phase equilibria</i> . 412 (2016); 39-50	2,473 (2016.)	DA
171.	Runje, Mislav; Babić, Sandra; Meštrović, Ernest; Nekola, Irena; Dujmić-Vučinić, Željka; Vojčić, Nina. Forced degradation of nepafenac: development and validation of stability indicating UHPLC method. // <i>Journal of pharmaceutical and biomedical analysis</i> . 123 (2016); 42-52	3,255 (2016.)	DA
172.	Sačar, Denis; Čapeta, Davor; Šrut Rakić, Iva; Peter, Robert; Petravić, Mladen; Kraljić Roković, Marijana. Tailoring polypyrrole supercapacitive properties by intercalation of graphene oxide within the layer. // <i>Electrochimica acta</i> . 193 (2016); 311-320	4,798 (2016.)	DA
173.	Salaeh, Subhan; Juretić Perišić, Daria; Biošić, Martina; Kušić, Hrvoje; Babić, Sandra; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Diclofenac removal by simulated solar assisted photocatalysis using TiO ₂ -based zeolite catalyst; mechanisms, pathways and environmental aspects. // <i>Chemical engineering journal</i> . 304 (2016); 289-302	6,216 (2016.)	DA
174.	Sander, Aleksandra; Rogošić, Marko; Slivar, Anamarija; Žuteg, Barbara. Separation of hydrocarbons by means of liquid-liquid extraction with deep eutectic solvents. // <i>Solvent extraction and ion exchange</i> . 34 (2016); 1; 86-98	2,456 (2016.)	NE

175.	Steinberg, Matthew; Kassal, Petar; Steinberg, Ivana. System architectures in wearable electrochemical sensors. // <i>Electroanalysis</i> . 28 (2016); 6; 1149-1169	2,851 (2016.)	DA
176.	Steinberg, Matthew; Tkalčec, Biserka; Murković Steinberg, Ivana. Towards a passive contactless sensor for monitoring resistivity in porous materials. // <i>Sensors and actuators. B, Chemical</i> . 234 (2016); 294-299	5,401 (2016.)	DA
177.	Šalić, Anita; Pindrić, Katarina; Hojnik Podrepšek, Gordana; Novosel, Nikolina; Leitgeb, Maja; Zelić, Bruno. NADH oxidation in a microreactor with an oscillating magnetic field. // <i>Journal of flow chemistry</i> . 6 (2016); 27-32	1,768 (2016.)	DA
178.	Šamec, Dunja; Valek-Žulj, Lidija; Martinez, Sanja; Grúz, Jiří; Piljac, Ante; Piljac-Žegarac, Jasenka. Phenolic acids significantly contribute to antioxidant potency of <i>Gynostemma pentaphyllum</i> aqueous and methanol extracts. // <i>Industrial crops and products</i> . 84 (2016); 104-107	3,181 (2016.)	DA
179.	Švarc, Anera; Valinger, Davor; Vasić-Rački, Đurđa; Vrsalović Presečki, Ana. Stereoselective synthesis of (1S, 2S)-1- phenylpropane-1, 2-diol by cell-free extract of <i>Lactobacillus brevis</i> . // <i>Green processing and synthesis</i> . 5 (2016); 153-161	0,782 (2016.)	DA
180.	Tomašegović, Tamara; Mahović Poljaček, Sanja; Leskovic, Mirela. UVA and UVC modification of photo polymeric surface and application for flexographic deposition of thin coatings. // <i>Journal of applied polymer science</i> . 133 (2016); 24; 43526-1-43526-12	1,860 (2016.)	DA
181.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Periner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Recovery of flavonoids from grape skins by enzyme-assisted extraction. // <i>Separation science and technology</i> . 51 (2016); 2; 255-268	1,106 (2016.)	DA
182.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Periner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Solid-liquid extraction of phenolics from red grape skins. // <i>Acta chimica Slovenica</i> . 63 (2016); 2; 287-297	0,983 (2016.)	DA
183.	Tomaz, Ivana; Maslov, Luna; Stupić, Domagoj; Preiner, Darko; Ašperger, Danijela; Karoglan Kontić, Jasminka. Multi-response optimisation of ultrasound-assisted extraction for recovery of flavonoids from red grape skins using response surface methodology. // <i>Phytochemical analysis</i> . 27 (2016); 1; 13-22	2,292 (2016.)	DA
184.	Tomić, Tatjana; Milčić, Martina; Uzorinac Nasipak, Nada; Babić, Sandra. Determination of chloride and sulfate in bio-ethanol by ion chromatography. // <i>Indian journal of chemical technology</i> . 23 (2016); 65-70	0,568 (2016.)	DA
185.	Ukrainczyk, Neven, Vrbos, Nevenka; Koenders, Eduardus A.B. Reuse of woody biomass ash waste in cementitious materials. // <i>Chemical and biochemical engineering quarterly</i> . 30 (2016); 2; 137-148	0,923 (2016.)	DA
186.	Vrsaljko, Domagoj; Bao, Xujin. Compatibilization of PUR/PVAC polymer blend by addition of calcium carbonate filler. // <i>Polymer composites</i> . 37 (2016); 4; 1274-1281	2,324 (2016.)	DA
187.	Vrsaljko, Domagoj; Grčić, Ivana; Guyon, Cédric; Schelcher, Guillaume; Tatoulian, Michael. Designing hydrophobicity of the PLA polymer blend surfaces by ICP Etching. // <i>Plasma processes and polymers</i> . 13 (2016); 869-878	2,846 (2016.)	DA
188.	Vuk, Dragana; Horváth, Ottó; Marinić, Željko; Škorić, Irena. Functionalization of the benzobicyclo[3.2.1]octadiene skeleton possessing one isolated double bond via photocatalytic oxygenation. // <i>Journal of molecular structure</i> . 1107 (2016); 70-76	1,753 (2016.)	DA
189.	Zamfirova, Galina; Gaydarov, Valentin; Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of carbon nanotubes functionalization on the mechanical properties of polymethacrylate nanocomposites. // <i>Colloids and surfaces A: physicochemical and engineering aspects</i> . 510 (2016); 169-175	2,714 (2016.)	DA
190.	Bačić, Ivana; Mandić, Vilko; Ćurković, Lidija; Otmačić-Ćurković, Helena; Kurajica, Stanislav. Thermal and structural studies of sol-gel-derived yttria-doped ZrO ₂ nanoparticles: Effect of annealing condition. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017), 1; 197-206	2,209 (2017.)	DA

191.	Begović Kovač, Erna; Hari, Vjeran. On the global convergence of the Jacobi method for symmetric matrices of order 4 under parallel strategies. // <i>Linear algebra and its applications</i> . 524 (2017) ; 199-234	0,972 (2017.)	DA
192.	Begović Kovač, Erna; Kressner, Daniel. Structure-preserving low multilinear rank approximation of antisymmetric tensors. // <i>SIAM journal on matrix analysis and applications</i> . 38 (2017) , 3; 967-983	1,682 (2017.)	DA
193.	Biošić, Martina; Mitrevski, Marija; Babić, Sandra. Environmental behaviour of sulfadiazine, sulfamethazine and their metabolites. // <i>Environmental science and pollution research</i> . 24 (2017) , 10; 9802-9812	2,800 (2017.)	NE
194.	Biošić, Martina; Škorić, Irena; Beganović, Jasmina; Babić, Sandra. Nitrofurantoin hydrolytic degradation in the environment. // <i>Chemosphere</i> . 186 (2017) ; 660-668	4,427 (2017.)	NE
195.	Bistrović, Andrea; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Kraljević Pavelić, Sandra; Cetina, Mario; Raić-Malić, Silvana. Synthesis and anti-proliferative effects of mono- and bis-purinomimetics targeting kinases. // <i>International journal of molecular sciences</i> . 18 (2017) , 11; 2292-1-2292-20	3,687 (2017.)	DA
196.	Bistrović, Andrea; Stipančević, Nikolina; Opačak-Bernardi, Teuta; Jukić, Marijana; Martinez, Sanja; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Synthesis of 4-aryl-1,2,3-triazolyl appended natural coumarin-related compounds with antiproliferative, radical scavenging activities and intracellular ROS production modification. // <i>New journal of chemistry</i> . 41 (2017) , 15; 7531-7543	3,201 (2017.)	DA
197.	Bocian, Szymon; Škrinjar, Tea; Bolanča, Tomislav; Buszewski, Buszewski, Bogusław. How high pressure unifies solvation processes in liquid chromatography. // <i>Journal of AOAC international</i> . 100 (2017) , 6; 1647-1651	1,087 (2017.)	DA
198.	Bolanča, Tomislav; Strahovnik, Tomislav; Ukić, Šime; Novak Stankov, Mirjana; Rogošić, Marko. Modeling of policies for reduction of GHG emissions in energy sector using ANN: case study-Croatia (EU). // <i>Environmental science and pollution research</i> . 24 (2017) , 19; 16172-16185	2,800 (2017.)	NE
199.	Bota, Josip; Kratožil Krehula, Ljerka; Katančić, Zvonimir; Brozović, Maja; Hrnjak-Murgić, Zlata. Surface characteristics and enhancement of water vapour properties of paperboard coated with polycaprolactone nanocomposites. // <i>Journal of adhesion science and technology</i> . 31 (2017) , 5; 466-486	1,039 (2017.)	DA
200.	Bota, Josip; Vukoje, Marina; Brozović, Maja; Hrnjak-Murgić, Zlata. Reduced water permeability of biodegradable PCL nanocomposite coated paperboard packaging. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 417-424	1,383 (2017.)	DA
201.	Brnardić, Ivan; Ćurković, Lidija; Sofilić, Tahir; Mutavdžić Pavlović, Dragana; Matijašić, Gordana; Grčić, Ivana; Rađenović, Anika. Removal of heavy metals and pharmaceuticals from contaminated water using waste sludge – kinetics and mechanisms. // <i>Clean-soil air water</i> . 45 (2017) , 7; 1600509-1-1600509-9	1,338 (2017.)	DA
202.	Bucić-Kojić, Ana; Šelo, Gordana; Zelić, Bruno; Planinić, Mirela; Tišma, Marina. Recovery of phenolic acid and enzyme production from corn silage biologically treated by <i>Trametes versicolor</i> . // <i>Applied biochemistry and biotechnology</i> . 181 (2017) , 3; 948-960	1,797 (2017.)	DA
203.	Cindrić, Maja; Jambon, Samy; Harej, Anja; Depauw, Sabine; David-Cordonnier, Marie-Hélène; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Novel amidino substituted benzimidazole and benzothiazole benzo[b]thieno-2-carboxamides exert strong antiproliferative and DNA binding properties. // <i>European journal of medicinal chemistry</i> . 136 (2017) ; 468-479	4,816 (2017.)	DA
204.	Cindrić, Maja; Savić, Irena; Martin-Kleiner, Irena; Kralj, Marijeta; Mašek, Tomislav; Hranjec, Marijana; Starčević, Kristina. Synthesis, antioxidative and antiproliferative activity of methoxy amidino substituted benzamides and benzimidazoles. // <i>Medicinal chemistry research</i> . 26 (2017) , 9; 2024-2037	1,607 (2017.)	DA

205.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Đermadi, Jasna; Horvat, Sanja; Bolanča, Tomislav; Marin, Vedrana; Karamanis, Panaghiotis; Lončarić Božić, Ana. Prediction of biodegradability of aromatics in water using QSAR modeling. // <i>Ecotoxicology and environmental safety</i> . 139 (2017) ; 139-149	3,974 (2017.)	DA
206.	Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Photooxidative degradation of pesticides in water; response surface modeling approach. // <i>Journal of advanced oxidation technologies</i> . 20 (2017) , 1; 20160172-1-20160172-14	0,901 (2017.)	NE
207.	Čizmić, Mirta; Babić, Sandra; Kaštelan-Macan, Marija. Multi-class determination of pharmaceuticals in wastewaters by solid-phase extraction and liquid chromatography tandem mass spectrometry with matrix effect study. // <i>Environmental science and pollution research</i> . 24 (2017) , 25; 20521-20539	2,800 (2017.)	NE
208.	Čizmić, Mirta; Ljubas, Davor; Ćurković, Lidija; Škorić, Irena; Babić, Sandra. Kinetics and degradation pathways of photolytic and photocatalytic oxidation of the anthelmintic drug praziquantel. // <i>Journal of hazardous materials</i> . 323 (2017) , Part A; 500-512	6,434 (2017.)	DA
209.	Ćurković, Lidija; Žmak, Irena; Kurajica, Stanislav; Tonković, Martina Eva; Šokčević, Zrinka; Majić Renjo, Marijana. From eggshells biowaste to hydroxyapatite biomaterial. // <i>Materialwissenschaft und Werkstofftechnik</i> . 48 (2017) , 8; 797-802	0,625 (2017.)	DA
210.	Dolar, Davor; Drašinac, Nina; Košutić, Krešimir; Škorić, Irena; Ašperger, Danijela. Adsorption of hydrophilic and hydrophobic pharmaceuticals on RO/NF membranes: Identification of interactions using FTIR. // <i>Journal of applied polymer science</i> . 134 (2017) , 5; 44426-1-44426-12	1,901 (2017.)	NE
211.	Dražević, Emil; Košutić, Krešimir; Svalina, Marin; Catalano, Jacopo. Permeability of uncharged organic molecules in reverse osmosis desalination membranes. // <i>Water research</i> . 116 (2017) ; 13-22	7,051 (2017.)	DA
212.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 375-383	1,383 (2017.)	NE
213.	Faraguna, Fabio; Kraguljac, Kornelije; Vidović, Elvira; Jukić, Ante. Crystallization and pour point of solutions of the dispersant Poly(Styrene-Co-Methacrylate) viscosity modifiers in lubricating base oil. // <i>Tribology transactions</i> . 60 (2017) , 6; 1063-1069	1,723 (2017.)	NE
214.	Faraguna, Fabio; Pötschke, Petra; Piontecka, Jürgen. Preparation of polystyrene nanocomposites with functionalized carbon nanotubes by melt and solution mixing: Investigation of dispersion, melt rheology, electrical and thermal properties. // <i>Polymer</i> . 132 (2017) ; 325-341	3,483 (2017.)	DA
215.	Faraguna, Fabio; Racar, Marko; Glasovac, Zoran; Jukić, Ante. Correlation method for conversion determination of biodiesel obtained from different alcohols by ¹ H NMR spectroscopy. // <i>Energy & fuels</i> . 31 (2017) , 4; 3943-3948	3,024 (2017.)	DA
216.	Gilja, Vanja; Novaković, Katarina; Travaš-Sejdić, Jadranka; Hrnjak-Murčić, Zlata; Kraljić Roković, Marijana; Žic, Mark. Stability and synergistic effect of polyaniline/TiO ₂ photocatalysts in degradation of Azo dye in wastewater. // <i>Nanomaterials</i> . 7 (2017) , 12; 412-1-412-16	3,504 (2017.)	DA
217.	Gopi, Sreerag; Balakrishnan, Preetha; Divya, Chandradhara; Valić, Srećko; Govorčin Bajsić, Emi; Pius, Anitha; Thomas, Sabu. Facile synthesis of chitin nanocrystal decorated on 3D cellulose aerogel as a new multi-functional material for waste water treatment with enhanced anti-bacterial and anti-oxidant properties. // <i>New journal of chemistry</i> . 41 (2017) , 21; 12746-12755	3,201 (2017.)	DA
218.	Govorčin Bajsić, Emi; Filipan, Veljko; Holjevac Grgurić, Tamara; Grozdanić, Vedrana. Effect of micro and nano TiO ₂ on UV degradation behavior of TiO ₂ reinforced Polycaprolactone composites. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 297-306	0,705 (2017.)	DA
219.	Govorčin Bajsić, Emi; Filipan, Veljko; Ocelić Bulatović, Vesna; Mandić, Vilko. The influence of filler treatment on the mechanical properties and phase behavior of thermoplastic polyurethane/polypropylene blends. // <i>Polymer bulletin</i> . 74 (2017) , 8; 2939-2955	1,589 (2017.)	NE

220.	Grčić, Ivana; Brnardić, Ivan; Mutavdžić Pavlović, Dragana; Mandić, Vilko; Papić, Sanja. Photocatalytic activity of synthesized titanate nanotubes and nanoribbons vs. commercial TiO ₂ under artificial solar and visible irradiation using 17β-estradiol as model micropollutant. // <i>Desalination and water treatment</i> . 67 (2017) ; 300-308	1,383 (2017.)	DA
221.	Grčić, Ivana; Erjavec, Boštjan; Vrsaljko, Domagoj; Guyon, Cedric; Tatoulian, Michael. Influence of plasma surface pretreatment and triarylmethane dye on the photocatalytic performance of TiO ₂ -chitosan coating on textile. // <i>Progress in organic coatings</i> . 105 (2017) ; 277-285	2,955 (2017.)	DA
222.	Gregorić, Tomislav; Sedić, Mirela; Grbčić, Petra; Tomljenović Paravić, Andrea; Kraljević Pavelić, Sandra; Cetina, Mario; Vianello, Robert; Raić-Malić, Silvana. Novel pyrimidine-2,4-dione-1,2,3-triazole and furo[2, 3-d]pyrimidine-2-one-1,2,3-triazole hybrids as potential anti-cancer agents: Synthesis, computational and X-ray analysis and biological evaluation. // <i>European journal of medicinal chemistry</i> . 125 (2017) ; 1247-1267	4,816 (2017.)	DA
223.	Hari, Vjerman; Begović Kovač, Erna. Convergence of the cyclic and quasi-cyclic block Jacobi methods. // <i>Electronic transactions on numerical analysis</i> . 46 (2017) ; 107-147	1,138 (2017.)	DA
224.	Herner, Željko; Kučić, Dajana; Zelić, Bruno. Biodegradation of imidacloprid by composting process. // <i>Chemical papers</i> . 71 (2017) ; 13-20	0,963 (2017.)	NE
225.	Horak, Ema; Hranjec, Marijana; Vianello, Robert; Steinberg, Ivana. Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. // <i>Dyes and pigments</i> . 142 (2017) ; 108-115	3,767 (2017.)	DA
226.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Krištafor, Svjetlana; Karminski Zamola, Grace; Murković Steinberg, Ivana. Benzimidazole acrylonitriles as multifunctional push-pull chromophores: spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . 178 (2017) ; 225-233	2,880 (2017.)	DA
227.	Hranjec, Marijana; Horak, Ema; Babić, Darko; Plavljanin, Sanela; Srdović, Zrinka; Murković Steinberg, Ivana; Vianello, Robert; Perin, Nataša. Fluorescent benzimidazo[1,2-a]quinolines: synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. // <i>New journal of chemistry</i> . 41 (2017) , 1; 358-371	3,201 (2017.)	DA
228.	Jukić, Ante; Faraguna, Fabio; Franjić, Ivana; Kuzmić, Sunčica. Molecular interaction and viscometric behavior of mixtures of polyolefin and poly(styrene-co-dodecyl methacrylate-co-octadecyl methacrylate) rheology modifiers in solution of lubricating base oil. // <i>Journal of industrial and engineering chemistry</i> . 56 (2017) ; 270-276	4,841 (2017.)	NE
229.	Juretić Perišić, Daria; Belet, Alexandre; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Lončarić Božić, Ana. Comparative study on photocatalytic treatment of diclofenac: slurry vs. immobilized processes. // <i>Desalination and water treatment</i> . 81 (2017) ; 170-185	1,383 (2017.)	DA
230.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Mathematical modelling of polyphenol extraction by aqueous two-phase system in continuously operated macro- and micro-extractors. // <i>Separation science and technology</i> . 52 (2017) , 5; 864-875	1,200 (2017.)	DA
231.	Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Catechol removal from aqueous media using laccase immobilized in different macro- and microreactor systems. // <i>Applied biochemistry and biotechnology</i> . 182 (2017) , 4; 1575-1590	1,797 (2017.)	DA
232.	Kassal, Petar; Zubak, Marko; Scheipl, Gregor; Mohr, Gerhard J.; Steinberg, Matthew; Murković Steinberg, Ivana. Smart bandage with wireless connectivity for optical monitoring of pH. // <i>Sensors and actuators. B, Chemical</i> . 246 (2017) ; 455-460	5,667 (2017.)	NE
233.	Katančić, Zvonimir; Grčić, Ivana; Hrnjak-Murgić, Zlata. Kinetic study of thermal degradation of highimpact polystyrene nanocomposites with different flame retardants using isoconversional and model fitting methods. // <i>Croatica chemica acta</i> . 90 (2017) , 3; 401-411	0,705 (2017.)	DA

234.	Katančić, Zvonimir; Šuka, Snježana; Vrbat, Katarina; Tašić, Aleksandar, Hrnjak-Murgić, Zlata. Synthesis of Pedot/ZnO photocatalyst: Validation of photocatalytic activity by degradation of AZO RR45 dye under solar and UV-A irradiation. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 385-394	1,383 (2017.)	NE
235.	Katava, Robert; Zorko, Franjo; Mance, Ana Dunja; Otmačić Ćurković, Helena; Pavlović, Gordana. Synthesis and structure of 4-methyl-1-N-(p-tolyl)imidazole as organic corrosion inhibitor. // <i>Molecular crystals and liquid crystals</i> . 642 (2017) , 1; 29-37	0,633 (2017.)	DA
236.	Katić, Jozefina; Metikoš-Huković, Mirjana; Šarić, Iva; Petravić, Mladen. Electronic structure and redox behavior of tin sulfide films potentiostatically formed on tin. // <i>Journal of the electrochemical society</i> . 164 (2017) , 7; C383-C389	3,662 (2017.)	DA
237.	Kovačić, Marin; Kušić, Hrvoje; Fanetti, Mattia; Lavrenčić Štangar, Urška; Valant, Matjaž; Dionysiou, Dionysios D.; Lončarić Božić, Ana. TiO ₂ -SnS ₂ nanocomposites: solar-active photocatalytic materials for water treatment. // <i>Environmental science and pollution research</i> . 24 (2017) , 24; 19965-19979	2,800 (2017.)	DA
238.	Kraljić Roković, Marijana; Ljubek, Gabrijele; Žic, Mark; Popović, Jasminka. Electrochemical characterisation of sol-gel derived SnO ₂ for supercapacitor application. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 289-295	0,705 (2017.)	DA
239.	Kratofil Krehula, Ljerka; Papić, Ana; Krehula, Stjepko; Gilja, Vanja; Foglar, Lucija; Hrnjak-Murgić, Zlata. Properties of UV protective films of poly(vinylchloride)/TiO ₂ nanocomposites for food packaging. // <i>Polymer bulletin</i> . 74 (2017) , 4; 1387-1404	1,589 (2017.)	DA
240.	Kučić, Dajana; Kopčić, Nina; Briški, Felicita. Biodegradation of agro-industrial waste. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 369-374	1,383 (2017.)	NE
241.	Kučić, Dajana; Simonić, Marjana; Furač, Lidija. Batch adsorption of Cr (VI) ions from an aqueous solution on zeolite and agroindustrial waste: Equilibrium, kinetics and thermodynamic study. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 497-507	1,383 (2017.)	DA
242.	Kurajica, Stanislav; Minga, Iva; Grčić, Ivana; Mandić, Vilko; Plodinec, Milivoj. The utilization of modified alkoxide as a precursor for solvothermal synthesis of nanocrystalline titania. // <i>Materials chemistry and physics</i> . 196 (2017) ; 194-204	2,210 (2017.)	DA
243.	Macan, Jelena; Brcković, Lidija; Gajović, Andreja. Influence of preparation method and alumina content on crystallization and morphology of porous yttria stabilized zirconia. // <i>Journal of the European ceramic society</i> . 37 (2017) , 9; 3137-3149	3,794 (2017.)	DA
244.	Macan, Jelena; Paljar, Klaudia; Burmas, Bruno; Špehar, Goran; Leskovac, Mirela; Gajović, Andreja. Epoxy-matrix composites filled with surface-modified SiO ₂ nanoparticles. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017) , 1; 399-408	2,209 (2017.)	DA
245.	Mandić, Vilko; Plodinec, Milivoj; Kereković, Irena; Juraić, Krunoslav; Janicki, Vesna; Gracin, Davor; Gajović, Andreja; Moguš-Milanković, Andrea; Willinger, Marc Georg. Tailoring anatase nanotubes for the photovoltaic device by the anodization process on behalf of microstructural features of titanium thin film. // <i>Solar energy materials and solar cells</i> . 168 (2017) ; 136-145	5,018 (2017.)	DA
246.	Mandić, Zoran. Electrochemical methods in drug discovery and development. // <i>Bulgarian chemical communications</i> . 49 (2017) , SI C; 65-73	0,242 (2017.)	NE
247.	Meljanac, Daniel; Juraić, Krunoslav; Mandić, Vilko; Skenderović, Hrvoje; Bernstorff, Sigrid; Plaisier, Jasper R.; Šantić, Ana; Gajović, Andreja; Šantić, Branko; Gracin, Davor. The influence of thermal annealing on the structural, optical and electrical properties of AZO thin films deposited by magnetron sputtering. // <i>Surface & coatings technology</i> . 321 (2017) ; 292-299	2,906 (2017.)	DA
248.	Meščić, Andrijana; Šalić, Anita; Gregorić, Tomislav; Zelić, Bruno; Raić-Malić, Silvana. Continuous flow-ultrasonic synergy in click reactions for the synthesis of novel 1,2,3-triazolyl appended 4,5-unsaturated L-ascorbic acid derivatives. // <i>RSC Advances</i> . 7 (2017) , 2; 791-800	2,936 (2017.)	NE

249.	Metikoš-Huković, Mirjana; Katić, Jozefina; Grubač, Zoran; Škugor-Rončević, Ivana. Electrochemistry of CoCrMo implant in Hanks' solution and Mott-Schottky probe of alloy's passive films. // <i>Corrosion</i> . 73 (2017), 12; 1401-1412	1,927 (2017.)	DA
250.	Mohaček Grošev, Vlasta; Vrankić, Martina; Maksimović, Aleksandar; Mandić, Vilko. Influence of titanium doping on the Raman spectra of nanocrystalline ZnAl ₂ O ₄ . // <i>Journal of alloys and compounds</i> . 697 (2017); 90-95	3,779 (2017.)	DA
251.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Grčić, Ivana; Šimić, Iva; Župan, Josip. Isotherm, kinetic and thermodynamic study of ciprofloxacin sorption on sediments. // <i>Environmental science and pollution research</i> . 24 (2017), 11; 10091-10106	2,800 (2017.)	DA
252.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Macan, Jelena; Žižek, Krunoslav. Eggshell as a new biosorbent for the removal of the pharmaceuticals from aqueous solutions. // <i>Clean-soil air water</i> . 45 (2017), 12; 1700082-1-1700082-14	1,338 (2017.)	DA
253.	Ocelić Bulatović, Vesna; Mihaljević, Antonia; Govorčin Bajsić, Emi; Holjevac Grgurić, Tamara. Morphology and thermal behavior of TPU/PP blends modified with maleic anhydride grafted SEBS block copolymer. // <i>International polymer processing</i> . 32 (2017), 1; 102-111	0,535 (2017.)	DA
254.	Pandurić, Nikola; Šalić, Anita; Zelić, Bruno. Fully integrated biotransformation of fumaric acid by permeabilized baker's yeast cells with in situ separation of L-malic acid using ultrafiltration, acidification and electrodialysis. // <i>Biochemical engineering journal</i> . 125 (2017); 221-229	3,226 (2017.)	NE
255.	Panjičko, Mario; Zupančić, Gregor Drago; Fanelj, Lijana; Marinšek Logar, Romana; Tišma, Marina; Zelić, Bruno. Biogas production from brewery spent grain as a mono-substrate in a two-stage process composed of solid-state anaerobic digestion and granular biomass reactors. // <i>Journal of cleaner production</i> . 166 (2017); 519-529	5,651 (2017.)	DA
256.	Perin, Nataša; Bobanović, Kristina; Zlatar, Ivo; Jelić, Dubravko; Kelava, Vanja; Koštrun, Sanja; Gabelica Marković, Vesna; Brajša, Karmen; Hranjec, Marijana. Antiproliferative activity of amino substituted benzo[b]thieno[2,3-b]pyrido[1,2-a]benzimidazoles explored by 2D and 3D cell culture system. // <i>European journal of medicinal chemistry</i> . 125 (2017); 722-735	4,816 (2017.)	DA
257.	Perin, Nataša; Starčević, Kristina; Perić, Mihaela; Čipčić Paljetak, Hana; Matijašić, Mario; Stepanić, Višnja; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Synthesis and SAR study of novel amidino 2-substituted benzimidazoles as potential antibacterial agents. // <i>Croatica chemica acta</i> . 90 (2017), 2; 145-154	0,705 (2017.)	DA
258.	Racar, Marko; Dolar, Davor; Košutić, Krešimir. Chemical cleaning of flat sheet ultrafiltration membranes fouled by effluent organic matter. // <i>Separation and purification technology</i> . 188 (2017); 140-146	3,927 (2017.)	NE
259.	Racar, Marko; Dolar, Davor; Špehar, Ana; Košutić, Krešimir. Application of UF/NF/RO membranes for treatment and reuse of rendering plant wastewater. // <i>Process safety and environmental protection</i> . 105 (2017); 386-392	3,441 (2017.)	NE
260.	Racar, Marko; Dolar, Davor; Špehar, Ana; Kraš, Ana; Košutić, Krešimir. Optimization of coagulation with ferric chloride as a pretreatment for fouling reduction during nanofiltration of rendering plant secondary effluent. // <i>Chemosphere</i> . 181 (2017); 485-491	4,427 (2017.)	NE
261.	Rogina, Anamarija; Antunović, Maja; Pribolšan, Lidija; Caput Mihalić, Katarina; Vukasović, Andreja; Ivković, Alan; Marijanović, Inga; Gallego Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. Human mesenchymal stem cells differentiation regulated by hydroxyapatite content within chitosan-based scaffolds under perfusion conditions. // <i>Polymers</i> . 9 (2017), 9; 387-1-387-14	2,935 (2017.)	DA
262.	Rogina, Anamarija; Ressler, Antonia; Matić, Igor; Gallego Ferrer, Gloria; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Cellular hydrogels based on pH-responsive chitosan-hydroxyapatite system. // <i>Carbohydrate polymers</i> . 166 (2017); 173-182	5,158 (2017.)	DA
263.	Sačar, Denis; Kralj, Magdalena; Sopčić, Suzana; Košević, Milica; Dekanski, Aleksandar; Kraljić Roković, Marijana. Supercapacitors based on graphene/pseudocapacitive materials. // <i>Journal of the Serbian chemical society</i> . 82 (2017), 4; 411-416	0,797 (2017.)	DA

264.	Sakač, Nikola; Karnaš, Maja; Jozanović, Marija; Medvidović-Kosanović, Martina; Martinez, Sanja; Macan, Jelena; Sak-Bosnar, Milan. Determination of anionic surfactants in real samples using low-cost and high sensitive solid contact surfactant sensor with MWCNTs as ion-to-electron transducer. // <i>Analytical methods</i> . 9 (2017) ; 2305-2314	2,073 (2017.)	DA
265.	Salaeh, Subhan; Kovačić, Marin; Kosir, Dominik; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reuse of TiO ₂ -based catalyst for solar driven water treatment; thermal and chemical reactivation. // <i>Journal of photochemistry and photobiology. A, Chemistry</i> . 333 (2017) ; 117-129	2,891 (2017.)	DA
266.	Sander, Aleksandra; Rogošić, Marko; Ferčec, Borna; Parlov Vuković, Jelena. Liquid-liquid equilibrium for the systems hydrocarbon-thiophene or pyridine-1-hexyl-3,5-dimethylpyridinium bis(trifluoromethylsulfonyl)imide. // <i>Separation science and technology</i> . 52 (2017) , 16; 2557-2572	1,200 (2017.)	DA
267.	Stipković Babić, Maja; Ratković, Ana; Jukić, Marijana; Glavaš-Obrovac, Ljubica; Drenjančević, Domagoj; Raić-Malić, Silvana; Gazivoda Kraljević, Tatjana. Synthesis, cytostatic and antibacterial evaluations of novel 1,2,3-Triazolyl-tagged pyrimidine and Furo[2,3-d]pyrimidine derivatives. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 197-205	0,705 (2017.)	DA
268.	Šagud, Ivana; Levačić, Marko; Marinić, Željko; Škorić, Irena. Formation of polycyclic skeleton via photochemical transformations of new pyridyl- and thienylbutadiene derivatives. // <i>European journal of organic chemistry</i> . 2017 (2017) , 26; 3787-3794	2,882 (2017.)	DA
269.	Tireli, Martina; Maračić, Silvija; Lukin, Stipe; Juribašić Kulcsar, Marina; Žilić, Dijana; Cetina, Mario; Halasz, Ivan; Raić-Malić, Silvana; Užarević, Krunoslav. Solvent-free copper-catalyzed click chemistry for the synthesis of novel N-heterocyclic hybrids based on quinolone and 1,2,3-triazole. // <i>Beilstein journal of organic chemistry</i> . 13 (2017) , 13; 2352-2363	2,330 (2017.)	DA
270.	Tireli, Martina; Starčević, Kristina; Martinović, Tamara; Kraljević Pavelić, Sandra; Karminski-Zamola, Grace; Hranjec, Marijana. Antioxidative and antiproliferative activities of novel pyrido[1,2-a]benzimidazoles. // <i>Molecular diversity</i> . 21 (2017) , 1; 201-210	2,229 (2017.)	DA
271.	Tušek, Dragutin; Ašperger, Danijela; Bačić, Ivana; Čurković, Lidija; Macan, Jelena. Environmentally acceptable sorbents of chemical warfare agent simulants. // <i>Journal of materials science</i> . 52 (2017) , 5; 2591-2604	2,993 (2017.)	DA
272.	Vidović, Elvira; Fabio, Faraguna; Jukić, Ante. Influence of inorganic fillers on PLA crystallinity and thermal properties. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017) , 1; 371-380	2,209 (2017.)	NE
273.	Vrsalović, Mislav; Vrsalović Presečki, Ana. Atrial fibrillation and risk of cardiovascular events and mortality in patients with symptomatic peripheral artery disease: A meta-analysis of prospective studies. // <i>Clinical cardiology</i> . 40 (2017) , 12; 1231-1235	2,733 (2017.)	DA
274.	Vrsalović, Mislav; Vučur, Ksenija, Vrsalović Presečki, Ana; Fabijanić, Damir; Milošević, Milan. Impact of diabetes on mortality in peripheral artery disease: a meta-analysis. // <i>Clinical cardiology</i> . 40 (2017) , 5; 287-291	2,733 (2017.)	DA
275.	Vušak, Darko; Perin, Nataša; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana; Bertoša, Branimir. Synthesis and antiproliferative activity of amino substituted benzimidazo[1,2-a]quinolines as mesylate salts designed by 3D-QSAR analysis. // <i>Molecular diversity</i> . 21 (2017) , 3; 621-636	2,229 (2017.)	DA
276.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Effect of operating conditions on the performances of multichannel ceramic UF membranes for textile mercerization wastewater treatment. // <i>Environmental technology</i> . 38 (2017) , 1; 65-77	1,666 (2017.)	DA
277.	Zlatac, Ivo; Jelić, Dubravko; Kelava, Vanja; Cindrić, Maja; Jarak, Ivana; Koštrun, Sanja; Karminski-Zamola, Grace; Gabelica Marković, Vesna; Hranjec, Marijana; Brajša, Karmen. Comparison of antitumor activity of some Benzothiophene and Thienothiophene Carboxanilides and Quinolones in 2D and 3D cell culture system. // <i>Croatica chemica acta</i> . 90 (2017) , 3; 413-424	0,705 (2017.)	DA

278.	Zupančič, Gregor Drago; Panjičko, Mario; Zelić, Bruno. Biogas production from brewery's yeast using and anaerobic sequencing batch reactor. // <i>Food technology and biotechnology</i> . 55 (2017) , 2; 187-196	1,168 (2017.)	DA
279.	Assarian, Arezoo; Martinez, Sanja. Improving polyaspartic anti-corrosion coating protective properties with the use of nano-silica. // <i>Acta chimica Slovenica</i> . 65 (2018) , 3; 569-577	1,076 (2018.)	NE
280.	Babić, Sandra; Biošić, Martina; Škorić, Irena. Transformation products of pharmaceuticals in the environment: formation and analysis. // <i>Current organic chemistry</i> . 22 (2018) , 10; 987-1004	2,029 (2018.)	NE
281.	Babić, Sandra; Mutavdžić Pavlović, Dragana; Biošić, Martina; Ašperger, Danijela; Škorić, Irena; Runje, Mislav. Fate of febantel in the aquatic environment - the role of abiotic elimination processes. // <i>Environmental science and pollution research</i> . 25 (2018) ; 28917-28927	2,914 (2018.)	DA
282.	Begović Kovač, Erna; Hari, Vjeran. Jacobi method for symmetric 4x4 matrices converges for every cyclic pivot strategy. // <i>Numerical algorithms</i> . 78 (2018) , 3; 701-720	2,417 (2018.)	DA
283.	Beneta, Antonija; Mutavdžić Pavlović, Dragana; Periša, Ivan; Petrović, Mira. Multiresidue GC-MS/MS pesticide analysis for evaluation of tea and herbal infusion safety. // <i>International journal of environmental analytical chemistry</i> . 98 (2018) , 11; 987-1004	1,267 (2018.)	DA
284.	Bistrović, Andrea; Grbčić, Petra; Harej, Anja; Sedić, Mirela; Kraljević Pavelić, Sandra; Koštrun, Sanja; Plavec, Janez; Makuc, Damjan; Raić-Malić, Silvana. Small molecule purine and pseudopurine derivatives: synthesis, cytostatic evaluations and investigation of growth inhibitory effect in non-small cell lung cancer A549. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 33 (2018) , 1; 271-285	4,027 (2018.)	DA
285.	Bistrović, Andrea; Krstulović, Luka; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Koštrun, Sanja; Kraljević Pavelić, Sandra; Bajić, Miroslav; Raić-Malić, Silvana. Design, synthesis and biological evaluation of novel benzimidazole amidines as potent multi- target inhibitors for the treatment of non-small cell lung cancer. // <i>European journal of medicinal chemistry</i> . 143 (2018) ; 1616-1634	4,833 (2018.)	DA
286.	Bistrović, Andrea; Krstulović, Luka; Stolić, Ivana; Drenjančević, Domagoj; Talapko, Jasminka; Taylor, Martin; Kelly, John; Bajić, Miroslav; Raić-Malić, Silvana. Synthesis, anti-bacterial and anti-protozoal activities of amidinobenzimidazole derivatives and their interactions with DNA and RNA. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 33 (2018) , 1; 1323-1334	4,027 (2018.)	DA
287.	Budžaki, Sandra; Strelec, Ivica; Krnić, Mija; Alilović, Kristina; Tišma, Marina; Zelić, Bruno. Proximate analysis of cold-press oil cakes after biological treatment with <i>Trametes versicolor</i> and <i>Humicola grisea</i> . // <i>Engineering in life sciences</i> . 18 (2018) , 12; 924-931	1,936 (2018.)	DA
288.	Čindrić, Maja; Perić, Mihaela; Kralj, Marijeta; Martin-Kleiner, Irena; David-Cordonnier, Marie-Hélène; Čipčić Paljetak, Hana; Matijašić, Mario; Verbanac, Donatella; Karminski-Zamola, Grace; Hranjec, Marijana. Antibacterial and antiproliferative activity of novel 2-benzimidazolyl and 2-benzothiazolyl substituted benzo[b]thieno-2-carboxamides. // <i>Molecular diversity</i> . 22 (2018) , 3; 637-646	2,032 (2018.)	DA
289.	Čizmić, Mirta; Ljubas, Davor; Škorić, Irena; Rožman, Marko; Ašperger, Danijela; Čurković, Lidija; Petrović, Mira; Babić, Sandra. Photolytic and photocatalytic degradation of febantel in aqueous media. // <i>Desalination and water treatment</i> . 104 (2018) ; 294-303	1,234 (2018.)	DA
290.	Čurković, Lidija; Ašperger, Danijela; Babić, Sandra; Župan, Josip. Adsorption of enrofloxacin onto natural zeolite: Kinetics, thermodynamics, isotherms and error analysis. // <i>Indian journal of chemical technology</i> . 25 (2018) , 6; 565-571	0,614 (2018.)	DA
291.	Dejanović, Igor; Halvorsen, Ivar J.; Jansen, Helmut; Olujić, Žarko. Hydraulic design of thermally coupled columns and a DWC for NGL fractionation plants. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018) , 4; 391-400	0,859 (2018.)	DA

292.	Delač Marion, Ida; Čapeta, Davor; Pielić, Borna; Faraguna, Fabio; Gallardo, Aurelio; Pou, Pablo; Biel, Blanca; Vujičić, Nataša; Kralj, Marko. Atomic-scale defects and electronic properties of a transferred synthesized MoS ₂ monolayer. // <i>Nanotechnology</i> . 29 (2018) , 30; 305703-1-305703-12	3,399 (2018.)	DA
293.	Dujella, Andrej; Gusić, Ivica; Petričević, Vinko; Tadić, Petra. Strong Eulerian triples. // <i>Glasnik matematički</i> . 53 (2018) , 1; 33-42	0,554 (2018.)	DA
294.	Duplančić, Marina; Tomašić, Vesna; Gomzi, Zoran. Catalytic oxidation of toluene: comparative study over powder and monolithic manganese-nickel mixed oxide catalysts. // <i>Environmental technology</i> . 39 (2018) , 15; 2004-2016	1,918 (2018.)	NE
295.	Đokić, Maja; Bilandžić, Nina; Sedak, Marija; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav; Bolanča, Tomislav. Manganese concentrations in tissues and skin of three dolphin species stranded in the Croatian waters of the Adriatic Sea from 1995 to 2013. // <i>Bulletin of environmental contamination and toxicology</i> . 100 (2018) ; 317-323	1,650 (2018.)	DA
296.	Faraguna, Fabio; Vidović, Elvira; Jukić, Ante. Influence of chemical functionalization of carbon nanotubes on their dispersibility in alkyl methacrylate polymer matrix. // <i>Journal of applied polymer science</i> . 135 (2018) , 14; 46113-1-46113-11	2,188 (2018.)	NE
297.	Franjo, Mladen; Šalić, Anita; Zelić, Bruno. Microstructured devices for biodiesel production by transesterification. // <i>Biomass conversion and biorefinery</i> . 8 (2018) , 4; 1005-1020	2,326 (2018.)	NE
298.	Gilja, Vanja; Kratožil Krehula, Ljerkica; Katančić, Zvonimir; Krehula, Stjepko; Hrnjak-Murčić, Zlata; Travaš-Sejdić, Jadranka. Influence of titanium dioxide preparation method on photocatalytic degradation of organic dyes. // <i>Croatica chemica acta</i> . 91 (2018) , 3; 323-334	0,731 (2018.)	DA
299.	Gilja, Vanja; Vrban, Ivan; Mandić, Vilko; Žic, Mark; Hrnjak-Murčić, Zlata. Preparation of a PANI/ZnO composite for efficient photocatalytic degradation of acid blue. // <i>Polymers</i> . 10 (2018) , 9; 940-1-940-17	3,164 (2018.)	DA
300.	Govorčin Bajsić, Emi; Zdraveva, Emilija. Photooxidative stability of polyurethane/polycarbonate blends. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018) , 2; 191-203	0,859 (2018.)	DA
301.	Grudić, Veselinka; Bošković, Ivana; Martinez, Sanja; Knežević, Bojana. Corrosion inhibition mild steel in NaCl solution in the presence of propolis extract. // <i>Macedonian journal of chemistry and chemical engineering</i> . 37 (2018) , 2; 203-213	0,644 (2018.)	DA
302.	Holjevac Grgurić, Tamara; Manasijević, Dragan; Kožuh, Stjepan; Ivanić, Ivana; Anžel, Ivan; Kosec, Borut; Bizjak, Milan; Govorčin Bajsić, Emi; Balanović, Ljubiša; Gojić, Mirko. The effect of the processing parameters on the martensitic transformation of Cu-Al-Mn shape memory alloy. // <i>Journal of alloys and compounds</i> . 765 (2018) ; 664-676	4,175 (2018.)	DA
303.	Horak, Ema; Kassal, Petar; Hranjec, Marijana; Steinberg Ivana. Benzimidazole functionalised Schiff bases: novel pH sensitive fluorescence turn-on chromionophores for ion-selective optodes. // <i>Sensors and actuators. B, Chemical</i> . 258 (2018) ; 415-423	6,393 (2018.)	NE
304.	Horak, Ema; Kassal, Petar; Murković Steinberg, Ivana. Benzimidazole as a structural unit in fluorescent chemical sensors: the hidden properties of a multifunctional heterocyclic scaffold. // <i>Supramolecular chemistry</i> . 30 (2018) , 10; 838-857	1,660 (2018.)	NE
305.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Murković Steinberg, Ivana. Colourimetric and fluorimetric metal ion chemosensor based on a benzimidazole functionalised Schiff base. // <i>Supramolecular chemistry</i> . 30 (2018) , 10; 891-900	1,660 (2018.)	DA
306.	Ivanišević, Irena; Rukavina, Vanja; Kassal, Petar; Milardović, Stjepan. Impact of weak organic acids on precipitation of poly(acrylic acid) stabilized silver nanoparticles; an electrochemical approach. // <i>Croatica chemica acta</i> . 91 (2018) , 4; 491-499	0,731 (2018.)	NE
307.	Jakovljević, Ivana; Pehneć, Gordana; Vađić, Vladimira; Čačković, Mirjana; Tomašić, Vesna; Doko-Jelinić, Jagoda. Polycyclic aromatic hydrocarbons in PM ₁₀ , PM _{2.5} and PM ₁ particle fractions in an urban area. // <i>Air quality atmosphere and health</i> . 11 (2018) ; 843-854	2,297 (2018.)	DA

308.	Karadeniz, Bahar; Howarth, Ashlee J.; Stolar, Tomislav; Islamoglu, Timur; Dejanović, Igor; Tireli, Martina; Wasson, Megan C.; Moon, Su-Young; Farha, Omar K.; Friščić, Tomislav; Užarević, Krunoslav. Benign by Design: Green and Scalable Synthesis of zirconium UiO-metal-organic frameworks by water-assisted mechanochemistry. // <i>ACS sustainable chemistry & engineering</i> . 6 (2018), 11; 15841-15849	6,970 (2018.)	DA
309.	Kassal, Petar; Horak, Ema; Sigurnjak, Marija; Steinberg, Matthew D.; Steinberg, Ivana. Wireless and mobile optical chemical sensors and biosensors. // <i>Reviews in analytical chemistry</i> . 37 (2018), 4; 20170024-1-20170024-27	2,875 (2018.)	DA
310.	Kassal, Petar; Steinberg, Matthew D.; Horak, Ema; Murković Steinberg, Ivana. Wireless fluorimeter for mobile and low cost chemical sensing: a paper based chloride assay. // <i>Sensors and actuators. B, Chemical</i> . 275 (2018); 230-236	6,393 (2018.)	DA
311.	Kassal, Petar; Steinberg, Matthew D.; Steinberg, Ivana Murković. Wireless chemical sensors and biosensors: a review. // <i>Sensors and actuators. B, Chemical</i> . 266 (2018); 228-245	6,393 (2018.)	DA
312.	Katančić, Zvonimir; Gavran, Iva; Smolković, Josipa; Hrnjak-Murđić, ZLata. Fly ash supported photocatalytic nanocomposite poly(3,4-ethylenedioxythiophene)/TiO ₂ for azo dye removal under simulated solar irradiation. // <i>Journal of applied polymer science</i> . 135 (2018); 46316-1-46316-12	2,188 (2018.)	NE
313.	Katić, Višnja; Ivanković Buljan, Zorana; Špalj, Stjepan; Otmačić Ćurković, Helena. Corrosion behavior of coated and uncoated nickel-titanium orthodontic wires in artificial saliva with short-term prophylactic fluoride treatment. // <i>International journal of electrochemical science</i> . 13 (2018), 5; 4160-4170	1,284 (2018.)	DA
314.	Kopitar, Dragana; Skenderi, Zenun; Matijašić, Gordana. Influence of nonwoven fabric pore sizes on water vapor resistance. // <i>Textile research journal</i> . 88 (2018), 12; 1402-1412	1,613 (2018.)	DA
315.	Kordić, Šimo; Matijašić, Gordana; Gretić, Matija. Prediction of particle size distribution of dronedarone hydrochloride in spiral jet mill using design of experiments. // <i>Chemical engineering communications</i> . 205 (2018), 2; 197-206	1,431 (2018.)	DA
316.	Kovačić, Marin; Katić, Jozefina; Kušić, Hrvoje; Lončarić Božić, Ana; Metikoš Huković, Mirjana. Elucidating the photocatalytic behavior of TiO ₂ -SnS ₂ composites based on their energy band structure. // <i>Materials</i> . 11 (2018), 6; 1041-1-1041-19	2,972 (2018.)	NE
317.	Kovačić, Marin; Kopčić, Nina; Kušić, Hrvoje; Lončarić Božić, Ana. Solar driven degradation of 17β-estradiol using composite photocatalytic materials and artificial irradiation source: Influence of process and water matrix parameters. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 361 (2018); 48-61	3,261 (2018.)	NE
318.	Kovačić, Marin; Kopčić, Nina; Kušić, Hrvoje; Štangar, Urška Lavrenčić; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reactivation and reuse of TiO ₂ -SnS ₂ composite catalyst for solar-driven water treatment. // <i>Environmental science and pollution research</i> . 25 (2018), 3; 2538-2551	2,914 (2018.)	DA
319.	Krehula, Stjepko; Ristić, Mira; Wu, Chuchu; Li, Xuning; Jiang, Luhua; Wang, Junhu; Sun, Gongquan; Zhang, Tao; Perović, Marija; Bošković, Marko; Antić, Bratislav; Kratožil Krehula, Ljerka; Kobzi, Balázs; Kubuki, Shiro; Musić, Svetozar. Influence of Fe(III) doping on the crystal structure and properties of hydrothermally prepared β-Ni(OH) ₂ nanostructures. // <i>Journal of alloys and compounds</i> . 750 (2018); 687-695	4,175 (2018.)	DA
320.	Kristan Mioč, Ekatarina; Hajdari Gretić, Zana; Otmačić Ćurković, Helena. Modification of cupronickel alloy surface with octadecylphosphonic acid self-assembled films for improved corrosion resistance. // <i>Corrosion science</i> . 134 (2018); 189-198	6,355 (2018.)	NE
321.	Kurajica, Stanislav; Macan, Jelena; Mandić, Vilko; Galjer, Matija; Mužina, Katarina; Plaisier, Jasper Rikkert. Reinforcing blade-cast photocatalytic-titania thin film by titanate nanotubes. // <i>Materials research bulletin</i> . 105 (2018); 142-148	3,355 (2018.)	DA
322.	Kurajica, Stanislav; Mandić, Vilko; Tomašić, Vesna; Duplančić, Marina; Matijašić, Gordana; Mužina, Katarina. Catalytic activity and related properties of sol-gel-derived manganese-doped gahnite. // <i>Journal of nanoparticle research</i> . 20 (2018); 178-1-178-12	2,009 (2018.)	NE

323.	Le Cunff, Jérôme; Tomašić, Vesna; Gomzi, Zoran. Photocatalytic degradation of terbuthylazine: Modelling of a batch recirculating device. // <i>Journal of photochemistry and photobiology. A, Chemistry.</i> 353 (2018) ; 159-170	3,261 (2018.)	DA
324.	Lukin, Stipe; Tireli, Martina; Lončarić, Ivor; Barišić, Dajana; Šket, Primož; Vrsaljko, Domagoj; di Michiel, Marco; Plavec, Janez; Užarević, Krunoslav; Halasz, Ivan. Mechanochemical carbon-carbon bond formation that proceeds via a cocrystal intermediate. // <i>Chemical communications.</i> 54 (2018) ; 13216-13219	6,164 (2018.)	DA
325.	Ljubas, Davor; Čizmić, Mirta; Vrbat, Katarina; Stipaničev, Draženka; Repec, Siniša; Čurković, Lidija; Babić, Sandra. Albendazole degradation possibilities by UV-based advanced oxidation processes. // <i>International journal of photoenergy.</i> 2018 (2018) ; 6181747-1-6181747-6	2,026 (2018.)	DA
326.	Margeta, Dunja; Faraguna, Fabio; Sertić-Bionda, Katica; Jukić, Ante. Modeling of dibenzothiophene oxidative desulfurization using response surface methodology. // <i>Petroleum science and technology.</i> 36 (2018) , 1; 68-74	1,070 (2018.)	NE
327.	Markić, Marinko; Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Influence of process parameters on the effectiveness of photooxidative treatment of pharmaceuticals. // <i>Journal of environmental science and health. Part A: Toxic/hazardous substances & environmental engineering.</i> 53 (2018) , 4; 338-351	1,536 (2018.)	NE
328.	Marušić, Katarina; Otmačić Čurković, Helena. Self-assembling monolayers of stearic acid in protection of steel. // <i>Croatica chemica acta.</i> 91 (2018) , 4; 427-433	0,731 (2018.)	DA
329.	Marušić, Katarina; Otmačić Čurković, Helena; Supnišek Lisac, Ema; Takenouti, Hisasi. Two imidazole based corrosion inhibitors for protection of bronze from urban atmospheres. // <i>Croatica chemica acta.</i> 91 (2018) , 4; 435-446	0,731 (2018.)	DA
330.	Milardović, Stjepan; Ivanišević, Irena; Rogina, Anamarija; Kassal, Petar. Synthesis and electrochemical characterization of AgNP ink suitable for inkjet printing. // <i>International journal of electrochemical science.</i> 13 (2018) , 11; 11136-11149	1,284 (2018.)	NE
331.	Milovac, Dajana; Weigand, Ivna; Kovačić, Marin; Ivanković, Marica; Ivanković, Hrvoje. Highly porous hydroxyapatite derived from cuttlefish bone as TiO ₂ catalyst support. // <i>Processing and applications of ceramics.</i> 12 (2018) , 2; 136-142	0,976 (2018.)	DA
332.	Mohler, Ivan; Ujević Andrijić, Željka; Bolf, Nenad. Soft sensors model optimization and application for the refinery real-time prediction of toluene content. // <i>Chemical engineering communications.</i> 205 (2018) , 3; 411-421	1,431 (2018.)	NE
333.	Mumelaš, Martina; Otmačić Čurković, Helena; Mikić, Dajana; Hranjec, Marijana; Cindrić, Maja. Benzimidazole derivatives as copper alloy corrosion inhibitors. // <i>Croatica chemica acta.</i> 91 (2018) , 4; 513-523	0,731 (2018.)	NE
334.	Mutavdžić Pavlović, Dragana; Glavač, Antonija; Gluhak, Mihaela; Runje, Mislav. Sorption of albendazole in sediments and soils: isotherms and kinetics. // <i>Chemosphere.</i> 193 (2018) ; 635-644	5,108 (2018.)	DA
335.	Ocelić Bulatović, Vesna; Mihaljević, Antonia; Govorčin Bajsić, Emi. Mechanical and interfacial properties of compatibilized polyurethane blends. // <i>Polymer engineering and science.</i> 58 (2018) , 11; 1911-1922	1,920 (2018.)	DA
336.	Pečar, Darja; Vasić-Rački, Đurđa; Vrsalović Presečki, Ana. Immobilization of glucose oxidase on eupergit C: impact of aeration, kinetic and operational stability studies of free and immobilized enzyme. // <i>Chemical and biochemical engineering quarterly.</i> 32 (2018) , 4; 511-522	0,859 (2018.)	DA
337.	Perin, Nataša; Alić, Jasna; Liekens, Sandra; Van Aerschot, Arthur; Vervaeke, Peter; Gadakh, Bharat; Hranjec, Marijana. Different positions of amide side chains on the benzimidazo[1, 2-a]quinoline skeleton strongly influenced biological activity. // <i>New journal of chemistry.</i> 42 (2018) ; 7096-7104	3,069 (2018.)	DA

338.	Perin, Nataša; Roškarić, Petra; Sović, Irena; Boček, Ida; Starčević, Kristina; Hranjec, Marijana; Vianello, Robert. Amino-substituted benzamide derivatives as promising antioxidant agents: a combined experimental and computational study. // <i>Chemical research in toxicology</i> . 31 (2018), 9; 974-984	3,274 (2018.)	DA
339.	Polovina, Saša; Vojtech, Merva; Dejanović, Igor; Grujić, Aleksandar S.; Stijepović, Mirko. Modeling a reaction section of a commercial continuous catalytic reformer. // <i>Energy & fuels</i> . 32 (2018), 5; 6378-6396	3,021 (2018.)	DA
340.	Pustak, Andela; Švab, Iztok; Govorčin Bajsić, Emi; Denac, Matjaž; Musil, Vojko; Šmit, Ivan. Polypropylene blends with m-EPR copolymers. structure, morphology and thermal properties. // <i>Polymer-plastics technology and engineering</i> . 57 (2018), 3; 229-241	1,705 (2018.)	DA
341.	Radić, Gabrijela; Šajnović, Ivan; Petrović, Željka; Kraljić Roković, Marijana. Reduced graphene oxide/ α -Fe ₂ O ₃ fibres as active material for supercapacitor application. // <i>Croatica chemica acta</i> . 91 (2018), 4; 481-490	0,731 (2018.)	DA
342.	Ratković, Ana; Marinić, Željko; Škorić, Irena. Flow-photochemical synthesis of the functionalized benzobicyclo[3.2.1]octadiene skeleton. // <i>Journal of molecular structure</i> . 1168 (2018); 165-174	2,120 (2018.)	DA
343.	Ressler, Antonia; Ródenas-Rochina, Joaquin; Ivanković, Marica; Ivanković, Hrvoje; Rogina, Anamarija; Gallego Ferrer, Gloria. Injectable chitosan-hydroxyapatite hydrogels promote the osteogenic differentiation of mesenchymal stem cells. // <i>Carbohydrate polymers</i> . 197 (2018); 469-477	6,044 (2018.)	DA
344.	Rešček, Ana; Katančić, Zvonimir; Kratožil Krehula, Ljerka; Ščetar, Mario; Hrnjak-Murčić, Zlata; Galić, Kata. Development of double layered PE/PCL films for food packaging modified with zeolite and magnetite nanoparticles. // <i>Advances in polymer technology</i> . 37 (2018), 3; 21727-1-21727-6	2,663 (2018.)	DA
345.	Rinčić Mlinarić, Marijana; Kanižaj, Lidija; Žuljević, Damir; Katić, Višnja; Špalj, Stjepan; Otmačić Čurković, Helena. Effect of oral antiseptics on the corrosion stability of nickel-titanium orthodontic alloys. // <i>Materials and corrosion</i> . 69 (2018), 4; 510-518	1,458 (2018.)	DA
346.	Rodić, Peter; Katić, Jozefina; Korte, Dorota; Desimone, Paula M.; Franko, Mladen; Cere, Silvia M.; Metikoš-Huković, Mirjana; Milošev, Ingrid. The effect of cerium ions on the structure, porosity and electrochemical properties of Si/Zr-based hybrid sol-gel coatings deposited on aluminum. // <i>Metals</i> . 8 (2018), 4; 248-1-248-20	2,259 (2018.)	DA
347.	Sačer, Denis; Spajić, Ivan; Kraljić Roković, Marijana; Mandić, Zoran. New insights into chemical and electrochemical functionalization of graphene oxide electrodes by o-phenylenediamine and their potential applications. // <i>Journal of materials science</i> . 53 (2018); 15285-15297	3,442 (2018.)	NE
348.	Sander, Aleksandra; Antonije Koščak, Mihael; Kosir, Dominik; Milosavljević, Nikola; Parlov Vuković, Jelena; Magić, Lana. The influence of animal fat type and purification conditions on biodiesel quality. // <i>Renewable energy</i> . 118 (2018); 752-760	5,439 (2018.)	DA
349.	Sudar, Martina; Dejanović, Igor; Müller, Michael, Vasić-Rački, Đurđa; Findrik Blažević, Zvezdana. Application of chemical engineering methodology in process development: a case study of MenD-catalyzed synthesis of 6-cyano-4-oxohexanoic acid. // <i>Chemical and biochemical engineering quarterly</i> . 32 (2018), 4; 501-510	0,859 (2018.)	DA
350.	Sudar, Martina; Vasić-Rački, Đurđa; Müller, Michael; Walter, Alexandra; Findrik Blažević, Zvezdana. Mathematical model of the MenD-catalyzed 1,4-addition (Stetter Reaction) of α -ketoglutaric acid to acrylonitrile. // <i>Journal of biotechnology</i> . 268 (2018); 71-80	3,163 (2018.)	DA
351.	Šagud, Ivana; Marinić, Željko; Škorić, Irena. Excited state reactions of β -pyridyl-o-divinylbenzenes as a pathway to versatile polycyclic compounds with the unusual entrapment of multiple isomerized dihydro-intermediates. // <i>Journal of molecular structure</i> . 1156 (2018); 182-192	2,120 (2018.)	DA

352.	Šagud, Ivana; Milašinović, Valentina; Molčanov, Krešimir; Marinić, Željko; Škorić, Irena. Synthesis, spectroscopic characterization and photophysical investigations of new di-(2/3)-pyridine-stilbenes; isomerism, nitrogen position influence and solvent effects. // <i>Journal of molecular structure</i> . 1171 (2018) ; 117-126	2,120 (2018.)	DA
353.	Šagud, Ivana; Šindler-Kulyk, Marija; Škorić, Irena; Kelava, Vanja; Marinić, Željko. Synthesis of naphthoxazoles by photocyclization of 4-/5-(phenylethenyl)oxazoles. // <i>European journal of organic chemistry</i> . 25 (2018) ; 3326-3335	3,029 (2018.)	DA
354.	Šagud, Ivana; Škorić, Irena. Photocatalytic oxygenation by water-soluble metalloporphyrins as a pathway to functionalized polycycles. // <i>International journal of photoenergy</i> . 2018 (2018) ; 1017957-1-1017957-8	2,026 (2018.)	NE
355.	Šagud, Ivana; Škorić, Irena; Šindler-Kulyk, Marija. Excited state transformations of heterostilbenes: pathways to polycyclic skeleta. // <i>Comptes rendus Chimie</i> . 21 (2018) ; 1043-1052	2,366 (2018.)	NE
356.	Šagud, Ivana; Zanolla, Debora; Perissutti, Beatrice; Passerini, Nadia; Škorić, Irena. Identification of degradation products of praziquantel during the mechanochemical activation. // <i>Journal of pharmaceutical and biomedical analysis</i> . 159 (2018) ; 291-295	2,983 (2018.)	DA
357.	Šalić, Anita; Jurinjak Tušek, Ana; Sander, Aleksandra; Zelić, Bruno. Lipase catalysed biodiesel synthesis with integrated glycerol separation in continuously operated microchips connected in series. // <i>New biotechnology</i> . 47 (2018) ; 80-88	3,739 (2018.)	DA
358.	Šalić, Anita; Zelić, Bruno. Synergy of microtechnology and biotechnology: microreactors as an effective tool for biotransformation processes. // <i>Food technology and biotechnology</i> . 56 (2018) , 4; 464-479	1,517 (2018.)	NE
359.	Šoić, Ivana; Martinez, Sanja; Lipošćak, Ivana; Mikšić, Boris. Development of method for assessing efficiency of organic corrosion inhibitors in concrete reinforcement. // <i>Grđevinar</i> . 70 (2018) , 5; 369-375	0,493 (2018.)	DA
360.	Švab, Iztok; Pustak, Anđela; Denac, Matjaž; Sever Škapin, Andrijana; Leskovic, Mirela; Musil, Vojko; Šmit, Ivan. Polypropylene blends with m-EPR copolymers: mechanical and rheological properties. // <i>Acta chimica Slovenica</i> . 65 (2018) , 2; 344-353	1,076 (2018.)	DA
361.	Tišma, Marina; Planinić, Mirela; Bucić-Kojić, Ana; Panjičko, Mario; Zupančič, Drago Gregor; Zelić, Bruno. Corn silage fungal-based solid-state pretreatment for enhanced biogas production in anaerobic co-digestion with cow manure. // <i>Bioresource technology</i> . 253 (2018) ; 220-226	6,669 (2018.)	DA
362.	Tomić, Tatjana; Babić, Sandra; Biošić, Martina; Uzorinac Nasipak, Nada; Čižmek, Ana-Marija. Determination of the Solvent Blue 35 dye in diesel fuel by solid phase extraction and high-performance liquid chromatography with ultraviolet detection. // <i>Dyes and pigments</i> . 150 (2018) ; 216-222	4,018 (2018.)	DA
363.	Ujević Andrijić, Željka; Cvetnić, Matija; Bolf, Nenad. Soft sensor models for a fractionation reformate plant using small and bootstrapped data set. // <i>Brazilian journal of chemical engineering</i> . 35 (2018) , 2; 745-756	0,790 (2018.)	NE
364.	Vrsalović Presečki, Ana; Pintarić, Lela; Švarc, Anera; Vasić-Rački, Đurđa. Different strategies for multi-enzyme cascade reaction for chiral vic-1,2-diol production. // <i>Bioprocess and biosystems engineering</i> . 41 (2018) , 6; 793-802	2,371 (2018.)	DA
365.	Zagajski Kučan, Kristina; Perković, Marijana; Cmrk, Karlo; Načinović, Dominik; Rogošić, Marko. Betaine + (glycerol or ethylene glycol or propylene glycol) deep eutectic solvents for extractive purification of gasoline. // <i>ChemistrySelect</i> . 3 (2018) , 44; 12582-12590	1,716 (2018.)	NE
366.	Zdraveva, Emilija; Mijović, Budimir; Govorčin Bajsić, Emi; Grozdanić, Vedrana. The efficacy of electrospun polyurethane fibers with TiO ₂ in a real time weathering condition. // <i>Textile research journal</i> . 88 (2018) , 21; 2445-2453	1,613 (2018.)	DA

Tablica 5.5.2. Popis radova nastavnika u bazi podataka Scopus bez radova u bazi WoSCC u razdoblju 1.1.2014. – 31.12.2018. (za tablicu 5.5.)

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	Suradnja s drugim visokim učilištima i znanstvenim organizacijama
1.	Govorčin Bajsić, Emi; Filipan, Veljko; Očelić Bulatović, Vesna. Effect of silane treated and untreated talc on the properties of thermoplastic Polyurethane/Polypropilene blends. // <i>Advanced materials research</i> . 849 (2014); 121-126	-	NE
2.	Kurajica, Slanislav; Lozić, Iva; Pantaler, Martina. Thermal decomposition of calcium(II) bis(acetylacetonate) n-hydrate. // <i>Polimeri: časopis za plastiku i gumu</i> . 35 (2014); 1-2; 4-9	-	NE
3.	Mandić, Zoran. Voltammetric study of the partitioning of macrolide antibiotics at the water/nitrobenzene interface. Relationship to the pharmacokinetic profiling of macrolides. // <i>ADMET and DMPK</i> . 2 (2014) , 3; 168-178	-	NE
4.	Mandić, Zoran; Lazarevski, Gorjana; Weitner, Zlatko; Novak, Predrag; Maršić, Nataša; Budimir, Ana. Electrochemical synthesis, structure elucidation and antibacterial evaluation of 9a-aza-9a-chloro-9a-homoerythromycin A. // <i>ADMET & DMPK</i> . 2 (2014) , 3; 179-184	-	DA
5.	Movre Šapić, Iva; Bistričić, Lahorija; Volovšek Vesna; Dananić, Vladimir. Vibrational analysis of 3-Glycidoxypropyltrimethoxysilane polymer. // <i>Macromolecular symposia</i> . 339 (2014); 1; 122-129	-	DA
6.	Očelić Bulatović, Vesna; Govorčin Bajsić, Emi; Filipan, Veljko. Compatibilization of Thermoplastic polyurethane and polypropylene with a SEBS compatibilizer. // <i>Advanced materials research</i> . 1025-1026 (2014); 605-614	-	NE
7.	Faraguna, Fabio; Jukić, Ante. Novi petrokemijski procesi na temelju izravne pretvorbe metana. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 64 (2015); 1-2; 27-37	-	NE
8.	Le Cunff, Jérôme; Tomašić, Vesna; Gomzi, Zoran. Preparation and photoactivity of the immobilized TiO ₂ /chitosan layer. // <i>Chemical engineering transactions</i> . 43 (2015) ; 865-870	-	DA
9.	Maduna Valkaj, Karolina; Mandić, Vilko; Katović, Andrea. Katalitička oksidacija fenola uz zeolitni Cu/Y- 5 katalizator: 2. utjecaj postsintetske termičke i kemijske obrade. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 64 (2015); 3-4; 109-116	-	DA
10.	Šabić, Monika; Vuković Domanovac, Marija; Findrik Blažević, Zvezdana; Meštrovčić, Ernest. Kinetika bioremedijacije farmaceutske industrijske otpadne vode. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 64 (2015); 5-6; 229-236	-	DA
11.	Mičin, Saša; Martinez, Sanja; Malinović, Borislav; Grozdanić, Vedrana. Morphological and crystallographic characteristics of electrochemically deposited ternary alloy zinc-nickel-cobalt. // <i>Journal of chemical technology and metallurgy</i> . 51 (2016) , 5; 556-562	-	DA
12.	Periša, Martina; Babić, Sandra. Farmaceutici u okolišu. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 65 (2016); 9-10; 471-482	-	NE
13.	Šešelj, Nedjeljko; Sačur, Denis; Kraljić Roković, Marijana. Karakterizacija pseudokapacitivnih svojstava kemijski priređenog MnO ₂ te kompozita MnO ₂ /polipirol. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 65 (2016); 127-136	-	DA
14.	Žužić, Andreja; Filipan, Veljko. Absorption cooling devices with LiBr/H ₂ O as working media. // <i>Chemical engineering transactions</i> . 52 (2016); 61-66	-	NE

15.	Babić, Sandra; Ćurković, Lidija; Ljubas, Davor; Čizmić, Mirta. TiO ₂ assisted photocatalytic degradation of macrolide antibiotics. // <i>Current opinion in green and sustainable chemistry</i> . 6 (2017) ; 34-41	-	DA
16.	Duplančić, Marina; Tomašić, Vesna; Kurajica, Stanislav; Minga, Iva; Maduna Valkaj, Karolina. A comparative study of toluene oxidation on different metal oxides. // <i>Chemical engineering transactions</i> . 57 (2017) ; 889-894	-	NE
17.	Hajdari Grečić, Zana; Rahelić, Tin; Vrsaljko, Domagoj. Materijali za izradu mikroreaktora. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 66 (2017) , 11-12; 633-640	-	NE
18.	Kosar, Vanja; Kraljević, Zlatko; Radović, Marina. Modeliranje procesa umreženja izolacije izoliranih vodiča energetskih kabela. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 66 (2017) , 11-12; 591-599	-	NE
19.	Kučić, Dajana; Briški, Felicita. Emissions of gases during composting of solid waste. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 66 (2017) , 9-10; 467-474	-	NE
20.	Lučić Blagojević, Sanja; Zeljko, Martina; Kraljić Roković, Marijana. Utjecaj modifikacije višestjenih ugljikovih nanocjevčica na svojstva poliuretana: II. Mehanička svojstva, električna provodnost i toplinska postojanost. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 66 (2017) , 5-6; 241-248	-	NE
21.	Lučić Blagojević, Sanja; Zeljko, Martina; Pustak, Anđela. Utjecaj modifikacije višestjenih ugljikovih nanocjevčica na svojstva poliuretana: I. Morfologija i toplinska svojstva. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . 66 (2017) , 3-4; 119-128	-	DA
22.	Bedoić, Robert; Filipan, Veljko. Heating performance analysis of a geothermal heat pump working with different zeotropic and azeotropic mixtures. // <i>Journal of sustainable development of energy, water and environment systems</i> . 6 (2018) , 2; 240-253	-	NE
23.	Havaić, Tanja; Đumbir, Ana-Maria; Grečić, Matija; Matijašić, Gordana; Žižek, Krunoslav. Droplet impact phenomena in fluidized bed coating process with a wurster insert. // <i>International journal of chemical engineering</i> . 2018 (2018) ; 4546230-1-4546230-11	-	NE
24.	Herceg, Srećko; Ujević Andrijić, Željka; Bolf, Nenad. Continuous estimation of the key components content in the isomerization process products. // <i>Chemical engineering transactions</i> . 69 (2018) ; 79-84	-	NE

Tablica 6.1. Mobilnost nastavnika i suradnika za akademsku godinu 2017./2018.

	Broj boravaka nastavnika i suradnika ovog visokog učilišta u inozemstvu			Broj boravaka inozemnih nastavnika na ovom visokom učilištu		
	1 – 3 mjeseca	3 – 6 mjeseci	6 i više mjeseci	1 – 3 mjeseca	3 – 6 mjeseci	6 i više mjeseci
Znanstveni	6	0	1	5	0	0
Nastavni	0	0	0	0	0	0
Stručni	0	0	0	4	0	0

Podaci iz materijala za sjednice Fakultetskog vijeća u navedenom razdoblju.

Tablica 6.2. Mobilnost studenata za akademsku godinu 2017./2018.

	Broj studenata u međunarodnoj razmjeni		
	1 – 3 mjeseca	3 – 6 mjeseci	6 i više mjeseci
Studenti ovoga visokog učilišta	2	21	0
Strani studenti	42	7	3

Podaci iz materijala za sjednice Fakultetskog vijeća u navedenom razdoblju.

Nisu uključene studentske prakse preko IAESTE.

Tablica 6.3. Mobilnost nenastavnog osoblja za akademsku godinu 2017./2018.

Broj stručnih boravaka nenastavnog osoblja ovog visokog učilišta u inozemstvu		
1 – 3 mjeseca	3 – 6 mjeseci	6 i više mjeseci
0	0	0

Tablica 7.1. Zgrade u kojima djeluje Fakultet (nisu u njegovu vlasništvu)

Identifikacija zgrade	Lokacija zgrade	Godina izgradnje	Godina dogradnje ili rekonstrukcije	Ukupna površina prostora za obavljanje djelatnosti visokog obrazovanja (m ²)	Ukupna površina prostora za obavljanje znanstvenih istraživanja (m ²)	
					Laboratorij	Knjižnica
Fakultet kemijskog inženjerstva i tehnologije, Marulićev trg 19	Marulićev trg 19	1932.		2.451,17	614,79	
Fakultet kemijskog inženjerstva i tehnologije, Marulićev trg 20	Marulićev trg 20	1918.		4.441,50	1.416,88	204,01
Fakultet kemijskog inženjerstva i tehnologije, Savska cesta 16	Savska cesta 16	1910.		2.803,31	571,99	
Fakultet kemijskog inženjerstva i tehnologije, Savska cesta 16/dvorište	Savska cesta 16/5A, dvorište	1950.	1980.	197,10	91,28	

Tablica 7.2. Predavaonice i računalne učionice

Identifikacija zgrade	Redni broj ili oznaka predavaonice	Površina (m ²)	Broj sjedećih mjesta za studente	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
Marulićev trg 19/podrum	MKM 19/3001	70,48	45	Zim. sem. 33 Ljet. sem. 38	4
Marulićev trg 19/podrum	P1KM 19/3008	37,32	24	Zim. sem. 30 Ljet. sem. 38	5
Marulićev trg 19/podrum	P2KM 19/3007	19,20	12	Zim. sem. 30 Ljet. sem. 38	5
Marulićev trg 19/prizemlje	MKV 19/3002	192,20	150	Zim. sem. 40 Ljet. sem. 40	5
Marulićev trg 20/podrum	P1KV-20/3116 i 3117	131,90	30	Zim. sem. 40 Ljet. sem. 40	5
Marulićev trg 20/podrum	1514	34,98	24	Zim. sem. 20 Ljet. sem. 20	4
Marulićev trg 20/prizemlje	MKV 20/3102	82,00	120	Zim. sem. 37 Ljet. sem. 40	4
Marulićev trg 20/I	MKM 20/3101	61,57	40	Zim. sem. 37 Ljet. sem. 26	4
Savska 16/podrum	S-P/3201	41,13	32	Zim. sem. 37 Ljet. sem. 41	3
Savska 16/podrum	S-P2/3210	23,48	6	Zim. sem.35 Ljet. sem. 40	3
Savska 16/prizemlje	S-0/3214	36,77	24	Zim.sem. 36 Ljet. sem. 26	5
Savska 16/I	S-1/3204	70,69	80	Zim. sem. 45 Ljet. sem. 51	4
Ukupno		669,82	581		
Računalne učionice					
Marulićev trg 20/III	UR/3112	55,51	6	Zim. sem. 40 Ljet. sem. 40	3
Savska 16/prizemlje	UR/3202	62,09	24	Zim. sem. 47 Ljet. sem. 40	5
Ukupno		117,6	44		

Tablica 7.3. Laboratoriji/praktikumi koji se koriste u nastavi

Identifikacija zgrade	Interna oznaka prostorije (laboratorija/praktikuma)	Površina (m ²)	Broj radnih mjesta za studente	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
Marulićev trg 19/podrum	Laboratorij studentski III (2304)	51,73	12	34	5
Marulićev trg 19/podrum	Prostorija za pripremu/sterilizaciju (2305)	15,31			5
Marulićev trg 19/prizemlje	Laboratorij studentski (1109)	96,53	32	30	3
Marulićev trg 20/podrum	Laboratorij studentski III (1320)	160,57	24	20	3
Marulićev trg 20/podrum	Laboratorij IV (1616)	37,09	6	14	2
Marulićev trg 20/podrum	Laboratorij II (1509)	74,41	24	20	3
Marulićev trg 20/prizemlje	Laboratorij I (1210)	164,84	48	40	2
Marulićev trg 20/prizemlje	Laboratorij II (1209)	164,85	32	20	2
Marulićev trg 20/prizemlje	Laboratorij za instrumentalnu i procesnu analizu (1202)	78,91	10	30	3
Marulićev trg 20/prizemlje	Laboratorij za kemijsku analizu okoliša (1205)	53,12	5	50	4
Marulićev trg 20/prizemlje	Laboratorij I (1306)	56,30	8	40	4

Identifikacija zgrade	Interna oznaka prostorije (laboratorija/praktikuma)	Površina (m ²)	Broj radnih mjesta za studente	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
Marulićev trg 20/I	Laboratorij znanstveno istraživački III (1605)	33,30	6	32	4
Marulićev trg 20/I	Laboratorij kemijski II (1604)	47,50	10	32	4
Marulićev trg 20/I	Laboratorij za strukturnu karakterizaciju materijala I (1602)	24,57	6	175	4
Marulićev trg 20/I	Laboratorij reverzna osmoza (1404)	34,04	2	24	4
Marulićev trg 20/I	Laboratorij polimeri I (1402)	34,13	6	26	3
Marulićev trg 20/I	Laboratorij I (1502)	96,12	24	28	3
Marulićev trg 20/III	Laboratorij II (1314)	84,90	12	40	4
Marulićev trg 20/III	Laboratorij fizikalno kemijski III (1409)	115,27	24	20	3
Marulićev trg 20/III	Laboratorij za koroziju (1413)	66,79	12	8	2
Marulićev trg 20/III	Laboratorij II (1314)	84,90	12	40	4
Savska cesta 16/podrum	Laboratorij za karakterizaciju naftnih proizvoda III (2010)	26,26	8	30	1
Savska cesta 16/podrum	Laboratorij II (1706)	72,83	10	10	4
Savska cesta 16/podrum	Laboratorij V (1717)	18,00	16	10	4
Savska cesta 16/podrum	Laboratorij IV1709	18,07	6	10	3
Savska cesta 16/prizemlje	Laboratorij I (1702)	38,70	10	20	4
Savska cesta 16/prizemlje	Laboratorij VI1718	20,00	6	10	3
Savska cesta 16/prizemlje	laboratorij I (1702)	38,70	10	20	4
Savska cesta 16/prizemlje	Laboratorij (3501)	7,61	2	20	2
Savska cesta 16/I	Laboratorij I (1802)	24,50	2	40	4
Savska cesta 16/I	Laboratorij za poluvodiče II (1807)	19,55	2	20	5
Savska cesta 16/I	Laboratorij elektrokemije III (1819)	52,20	15	40	3
Savska cesta 16/I	Laboratorij inženjerstva IV (1821)	52,85	15	40	4
Savska cesta 16/II	Laboratorij za polimere i polimerizacijske procese I(1909)	51,09	18	20	2
Savska cesta 16/II	Laboratorij za bojila i premaze II (1911)	49,46	15	20	3
Savska cesta 16/II	Laboratorij za ekoinženjerstvo III (1916)	17,27	5	40	4
Savska cesta 16/II	Laboratorij za petrokemijsko inženjerstvo I (2008)	22,86	5	40	3
Savska cesta 16/III	Laboratorij za sonooksidacijske procese VII (1930)	12,40	2	20	4
Savska cesta 16/III	Laboratorij FTIR-TGA IV (1928)	12,03	2	40	4
Savska cesta 16/III	Laboratorij fizikalni za polimerne materijale VI (1923)	11,54	2	25	5
Savska cesta 16/III	Laboratorij fizikalni za polimerne materijale V (1922)	10,54	2	25	5
Savska cesta 16/III	Laboratorij za naftno procesno inženjerstvo II (2009)	34,21	5	40	3
Savska 16/III	Laboratorij za adheziju i adhezive I (2406)	12,60	6	25	5
Savska cesta 16/5A	Laboratorij II (2107)	34,48	4	4	4
Savska cesta 16/5A	Laboratorij studentski I (2101)	56,80	12	10	4
Ukupno		2289,73			

Tablica 7.4. Nastavne baze (radilišta) za praktičnu nastavu

Identifikacija zgrade	Naziv nastavne baze (radilišta)	Broj studenata koji pohađaju pojedinu nastavnu bazu	Broj sati nastave (tjedno) koja se održava u pojedinoj nastavnoj bazi
-	0	0	0

Napomena: Fakultet ne raspolaže s nastavnim bazama (radilištima) za praktičnu nastavu.

Tablica 7.5. Opremljenost računalnih učionica

Identifikacija zgrade	Broj novih računala (do 3 godine)	Broj računala starijih od 3 godine	Ocjena funkcionalnosti (1 - 5)	Ocjena održavanja (1 - 5)	Ocjena mogućnosti korištenja izvan nastave
Savska 16/prizemlje	25	0	5	5	2
Marulićev trg 20/III	0	6	3	5	5
Marulićev trg 19/prizemlje	66	0	150	5	5

Tablica 7.6. Nastavnički kabineti

Identifikacija zgrade	Broj nastavničkih kabineta	Prosječna površina (m ²)	Ocjena opremljenosti (1 - 5)	Prosječna površina (m ²) po stalno zaposlenom nastavniku/suradniku
Marulićev trg 19/ podrum	7	18,56	3	14,43
Marulićev trg 20/prizemlje	17	16,79	4	11,89
Marulićev trg 20/I	14	15,26	4	12,56
Marulićev trg 20/III	10	13,95	3	11,63
Savska cesta 16/podrum	1	25,29	4	12,65
Savska cesta 16/prizemlje	13	14,75	4	11,28
Savska cesta 16/I	9	15,39	3	15,39
Savska cesta 16/II	13	17,24	3	14,94
Savska cesta 16/III	10	14,71	5	13,37
Savska cesta 16/5A	3	14,86	4	14,86
Ukupno	97	15,56	4	13,05

Tablica 7.7. Prostor koji se koristi samo za znanstveno-istraživački rad

Identifikacija zgrade	Interna oznaka prostorije ili oznaka laboratorija	Površina (m ²)	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
Marulićev trg 19/podrum	Laboratorij mikrobiološki I (2302)	14,19	40	4
Marulićev trg 19/podrum	Laboratorij za vode II (2303)	18,62	25	3
Marulićev trg 19/podrum	Laboratorij za kompostiranje IV (2308)	17,82	20	5
Marulićev trg 19/podrum	Laboratorij za spektrometriju masa (1120)	21,34	40	5
Marulićev trg 20/podrum	Laboratorij 3 (1512)	20,85	10	4
Marulićev trg 19/prizemlje	Istraživački laboratorij (1105)	52,56	40	3
Marulićev trg 20/III	Laboratorij instrumentalni II (1315)	11,75	40	3
Marulićev trg 20/III	Laboratorij instrumentalni III (1316)	16,95	40	3
Ukupno		174,11		

Tablica 7.8. Prostor koji se koristi samo za stručni rad

Identifikacija zgrade	Interna oznaka prostorije ili oznaka laboratorija	Površina (m ²)	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
Marulićev trg 19/podrum	laboratorij III (1115)	54,29	40	3
Marulićev trg 19/podrum	laboratorij II (1116)	18,58	40	2
Marulićev trg 19/podrum	laboratorij I (1117)	36,28	40	2
Ukupno		109,15		

Tablica 7.9. Kapitalna oprema

Naziv instrumenta (opreme)	Nabavna vrijednost (kn)	Godine starosti
Induktivno spregnuta plazma maseni spektrometar (ICP-MS)	1.445.936,00	13
Infracrveni spektrofotometar s Fourierovom transformacijom signala povezan na toplinske metode za simultanu plinsku analizu – FTIR-TG-DSC/DTA-EGA analiza	973.752,00	8
Rendgenski difraktometar	600.000,00	4
Uređaj za plinsku adsorpcijsko-desorpcijsku analizu (Micromeritics, ASAP 2000)	242.552,00	27
Laserski difraktometar za određivanje raspodjele veličina čestica (Shimadzu, SALD-3101)	490.000,00	6
Sušionik s raspršivanjem (Büchi, B-290)	250.000,00	7
Tekućinski kromatograf visoke djelotvornosti (HPLC)	812.238,00	5
Ionski kromatograf	407.566,00	8
Tekućinski kromatograf visoke djelotvornosti sa spektrometrom masa (HPLC-MS/MS)	1.000.000,00	7
Tekućinski kromatograf visoke djelotvornosti / analitičko-preparativni sustav (HPLC)	309.208,00	10
Plinski kromatograf sa spektrometrom masa (GC/MS)	540.292,00	13
Elektronski mikroskop (Tescan SEM)	1.000.000,00	4
Plinski kromatograf (GC)	209.321,00	4
Uređaj za elektrokemijska mjerenja – PAR	405.305,51	26
Uređaj za elektrokemijska mjerenja – Solartron	254.345,00	12
Uređaj za elektrokemijsku impedancijsku spektroskopiju	228.400,35	13
Valno disperzivni rendgenski spektrometar	496.540,00	9
Tekućinski kromatograf isključenjem po veličini (SEC)	280.196,00	13
Infracrveni spektrofotometar s Fourierovom transformacijom signala (FTIR)	254.269,00	8
Analizator sadržaja organskih halogenida	311.958,00	13
Dinamičko-mehanički analizator (DMA)	288.765,00	15
Termogravimetar	270.000,00	7
Diferencijalni pretražni kalorimetar (DSC)	210.100,00	10
Diferencijalni pretražni kalorimetar (DSC)	210.100,00	9
Goniometar	241.540,00	12
Sustav za termografsku dijagnostiku	449.963,00	13

Tablica 7.10. Opremljenost knjižnice

Ukupna površina (m ²)		Broj zaposlenih	Broj sjedećih mjesta	Broj studenata koji koriste knjižnicu		Postoji li računalna baza podataka vaših knjiga i časopisa	
196*		1	14	Većina		Da	
Broj naslova knjiga	Broj udžbenika	Ocjena suvremenosti knjiga i udžbenika (1 - 5)	Broj naslova inozemnih časopisa	Broj naslova domaćih časopisa	Ocjena funkcionalnosti kataloga knjiga i časopisa	Ocjena opremljenosti (1 - 5)****	Ocjena kvalitete i dostupnosti elektroničkih sadržaja (1 - 5)*****
19122	196 (broj naslova) 807 primjeraka**	4	0 u 2018. 383 ukupno***	4 u 2018. 50 ukupno***	5	5	4

* Službeni podatak iz tlocrta (prosinac 2012.)

** Broj udžbenika podrazumijeva sve udžbenike bez obzira na broj primjeraka

*** Ukupan broj naslova

**** Mogućnosti kopiranja za nastavnike i studente, nabava kopija iz drugih knjižnica, katalogi radova nastavnika itd.

***** Pod elektroničkim se sadržajima podrazumijevaju elektronička izdanja knjiga, časopisa, baze podataka, ali i katalogi vlastite i vanjskih knjižnica.

5.2. kao Prihodi po posebnim propisima

Tablica 7.11. Financijska evaluacija

	PRIHODI	2016.	2017.	2018.
		kalendarska godina (kn)	kalendarska godina (kn)	kalendarska godina (kn)
1.	PRIHODI IZ DRŽAVNOG PRORAČUNA -skupina 67 =AOP 130	30.308.080	31.256.615	32.613.175
1.1.	Plaće za zaposlene	25.821.233	26.211.125	27.585.171
1.2.	Troškovi poslovanja (uključena terenska nastava)	683.562	765.189	718.818
1.3.	Vanjska suradnja	0	0	0
1.4.	Domaći znanstveni projekti - potpore istraživanjima	603.000	442.895	513.391
1.5.	Prihod od participacije školarina	2.459.429	3.028.418	3.036.041
1.6.	Nabava časopisa	0	0	0
1.7.	Tekuće održavanje	0	0	0
1.8.	Izgradnja i investicijsko održavanje	0	200.000	0
1.9.	Ukupno ostale vrste prihoda (sistematski pregledi, potpore po TKU, jubilarne nagrade, darovi, božićnica, regres, studentski programi)	740.856	608.988	759.754
2.	PRIHODI IZ PRORAČUNA OSTALIH JAVNIH IZVORA	0	0	0
2.1.	Prihodi i pomoći od jedinica lokalne uprave i samouprave (grad, županija itd.)	0	0	0
2.2.	Prihodi i pomoći ostalih subjekata	0	0	0
2.3.	Ukupno ostale vrste (specificirati)	0	0	0
3.	PRIHODI PO SKUPINI 63, 64 i 72 =AOP 045+AOP 074+AOP 302	1.007.062	1.285.254	1.553.783
3.1.	Prihodi od kamata	5.280	601	599
3.2.	Prihodi od bilateralnih i EU projekata	982.717	1.264.740	1.522.306
3.3.	Prihod od otplate stanova	19.065	19.913	30.878
4.	PRIHODI OD VLASTITE DJELATNOSTI -podskupina 661 =AOP 124	2.412.751	2.151.730	1.867.029
4.1.	Školarine – poslijediplomski specijalistički studij	256.003	197.600	257.000
4.2.	Školarine – poslijediplomski doktorski studij	467.654	262.993	317.000
4.3.	Znanstveni i stručni projekti	0	0	0
4.4.	Stručni projekti – sufinanciranje projekata	36.735	32.000	45.854
4.5.	Ostali prihod (upisnine studenata, indeksi i ostale vrste prihoda; režije, najam i izbor u znanstveno zvanje)	274.381	246.927	248.902
4.6.	Prihod od skriptarnice (roba i knjige)	4.400	7.255	2.943
4.7.	Prihod od kotizacija	193.489	91.777	93.423

4.8.	Prihod od suradnje	1.180.089	1.313.178	901.907
5.	PRIHODI PO POSEBNIM PROPISIMA -skupina 65 =AOP 105	4.359.263	5.125.746	5.160.136
5.1.	Školarine – preddiplomski i diplomski studij	1.786.617	1.414.203	1.510.170
5.2.	Dodatna provjera posebnih znanja, vještina i sposobnosti (ako se provodi uz ispite državne mature)	0	0	0
5.3.	Naknade za upis	113.950	114.900	114.000
5.4.	Naplate studenskih molbi, potvrđnica, diplome, indeksi, razredbeni	82.668	91.263	99.458
5.5.	Ukupno ostale vrste prihoda (prihodi od osiguranja i naknade štete, osiguranje studenata, prihodi zbog nezapošljavanja osoba s invaliditetom i ostali prihodi za posebne namjene)	334.164	171.350	275.017
5.6.	Prihodi od Hrvatske zaklade za znanost - t. 4.3./2015.	2.041.864	3.334.030	3.161.491
6.	OSTALI (NESPOMENUTI) PRIHODI -podskupina 663 =AOP 127	56.800	25.102	208.655
6.1.	Tekuće donacije od ostalih subjekata (Končar-Tehnologijada, nagrade; INA – nagrade studentima...)	56.800	25.102	11.000
6.2.	Kapitalne donacije izvan proračuna (Hebe, Fidelta - UHPLC instrument, spektrometar...)	0	0	197.655
A	UKUPNI PRIHODI POSLOVANJA = AOP 629	38.143.956	39.844.447	41.402.778

	RASHODI	2016.	2017.	2018.
		kalendarska godina (kn)	kalendarska godina (kn)	kalendarska godina (kn)
1.	RASHODI ZA ZAPOSLENE -skupina 31 =AOP 149	29.318.435	28.979.204	30.197.052
1.1.	Plaće za zaposlene -podskupina 311	24.471.129	24.143.364	25.051.630
1.2.	Ukupni ostali rashodi -podskupine 312 + 313 (*doprinosi na plaću, regres, božićnica, potpore za dijete i dar djeci – samo oporezive isplate!)	4.636.301	4.244.893	4.476.095
1.3.	Ostali rashodi za zaposlene Podskupina 312 (samo neoporezive isplate - jubilarne, otpremnine, potpore za smrtni slučaj, bolovanja... *dio)	211.005	590.947	669.327
2.	MATERIJALNI RASHODI -skupina 32 =AOP 160	8.195.957	8.191.340	8.984.829
2.1.	Ostali rashodi za zaposlene -podskupina 321	2.324.945	1.520.324	1.885.598
2.1.1.	Službena putovanja	517.400	439.736	683.029
2.1.2.	Stručno usavršavanje	190.537	173.583	237.448
2.1.3.	Ostali rashodi; troškovi prijevoza, parkinga, korištenje privatnog automobila u službene svrhe	1.617.008	907.005	965.121
2.2.	Rashodi za materijal i energiju -podskupina 322	2.394.008	2.752.885	2.424.400
2.2.1.	Uredski materijal i ostali materijalni rashodi (troškovi prodane robe i knjiga, časopisi, sredstva za čišćenje)	297.578	318.851	466.962
2.2.2.	Laboratorijski materijal (kemikalije, kolone, potrošni materijal, voda u bočicama i aparatima)	620.305	863.916	734.162
2.2.3.	Energija	844.644	784.750	751.734
2.2.4.	Materijal i dijelovi za tekuće i investicijsko održavanje	202.837	191.361	308.422
2.2.5.	Sitni inventar	399.834	556.088	97.487
2.2.6.	Službena, radna i zaštitna odjeća i obuća	28.810	37.919	65.633
2.3.	Rashodi za usluge -podskupina 323	3.476.426	3.330.204	4.087.414
2.3.1.	Telefon, pošta, prijevoz	90.470	86.618	99.956
2.3.2.	Usluge tekućeg i investicijskog održavanja	1.480.118	1.309.871	1.664.997
2.3.3.	Promidžba i informiranje	151.829	106.796	130.053
2.3.4.	Komunalne usluge	499.953	497.952	457.920
2.3.5.	Zakup, najam	113.062	174.425	143.730
2.3.6.	Intelektualne i osobne usluge (ugovori o djelu, autorski honorari, pravne i ostale usluge, usluge agencija i studentskog centra...)*osim vanjske suradnje (1207 fond)	720.177	630.888	957.373
2.3.7.	Vanjska suradnja - 1207 fond, konto 3237205	112.389	123.928	112.841
2.3.8.	Računalne usluge	180.181	244.678	197.629

2.3.9.	Ukupni ostali rashodi (grafičke usluge, usluge čišćenja i pranja, obvezni i preventivni pregledi zaposlenika)	240.636	278.976	322.915
2.4.	Naknade troškova osobama izvan radnog odnosa -podskupina 324	255.036	292.342	256.331
2.5.	Ostali nespomenuti rashodi poslovanja -podskupina 329	497.938	603.724	331.086
2.5.1.	Premije osiguranja	61.701	15.701	15.701
2.5.2.	Reprezentacija	152.623	144.252	134.846
2.5.3.	Članarine, pristojbe i naknade	283.614	122.703	180.539
3.	FINANCIJSKI RASHODI -skupina 34 =AOP 193	71.289	77.408	125.947
3.1.	Bankarske usluge i usluge platnog prometa -podskupina 343 (3431100+3431200)	22.197	28.390	34.450
3.2.	Kamate -podskupina 343	534	0	0
3.3.	Negativne tečajne razlike -podskupina 343 (3432100)	789	336	938
3.4.	Ostali nespomenuti rashodi (npr. izbor u zvanje) -podskupina 343 (3434900)	47.769	48.682	90.559
4.	NAKNADE GRAĐANIMA I POMOĆI -skupina 37 i 38 =AOP 246 + AOP 257 (stipendije i školarine + donacije)	127.273	128.990	67.247
5.	RASHODI ZA NEFINANCIJSKU IMOVINU - -skupina 42 i 45 =AOP 354 + AOP 393 (troškovi dugotrajne imovine + dodatna ulaganja na nefinancijskoj imovini)	1.117.009	1.930.568	1.646.802
5.1.	Poslovni objekti	0	0	0
5.2.	Računalna oprema	0	0	170.870
5.3.	Laboratorijska oprema	482.715	737.280	980.942
5.4.	Uredska oprema	601.986	725.213	50.875
5.5.	Komunikacijska oprema	0	0	0
5.6.	Ostala oprema	0	19.435	382.140
5.7.	Literatura	13.949	68.314	29.338
5.8.	Ulaganja u postrojenja, strojeve i ostalu opremu	0	0	0
5.9.	Dodatna ulaganja na građevinskim objektima	0	380.326	32.637
5.10.	Ukupno ostalo (ulaganja u računalne programe)	18.359	0	0
	UKUPNI RASHODI - razred 3 =AOP 148	37.712.954	37.376.942	39.375.075
B	UKUPNO RASHODI POSLOVANJA -razred 3 i 4 =AOP 630	38.829.963	39.307.510	41.021.877
	Manjak (AOP 632)/ Višak (AOP 631)	686.007	536.937	380.901
C	Preneseno stanje iz prethodne godine	1.980.668	1.294.661	1.831.598
	UKUPNO STANJE 31. 12. (A-B+C) = AOP 604 PR-RAS obrasca	1.294.661	1.831.598	2.212.499

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IBAN: HR7223600001101338626

BILJEŠKE UZ GODIŠNJE FINANCIJSKO IZVJEŠĆE
(od 01. 01. 2018. do 31.12. 2018.)

A) OBRAZAC PR-RAS

1. Index prihoda poslovanja AOP 045, u odnosu na 2017. godinu iznosi 120,4%, što je vezano za prihode financirane iz EU fondova. Isti se troše strogo namjenski i priznati su u visini realiziranih rashoda u razdoblju siječanj - prosinac 2018. godine, po izvoru 51.
2. Kapitalni prijenos između korisnika istog proračuna u iznosu od 500.000 kn, utjecao je na veće prihode podskupine 639, u odnosu na isto razdoblje 2017. godine. Sredstva su utrošena u svrhu kompletnog uređenje dvorane za održavanje predavanja, kongresa i radionica sukladno djelatnosti poslodavca. Financijski rashodi veći su zbog povrata HRZZ-u, uplate u proračun za stanove, te prijenosa sredstava Sveučilištu u Zagrebu- za PDS.
3. Rashodi na AOP 160 veći su zbog troškova stručnog usavršavanja zaposlenika, službenih putovanja, investicijskog održavanja i troškova službene i zaštitne odjeće naših zaposlenika.
4. Promjenom načina knjiženja troškova za redovito poslovanje i rad u laboratorijima, u odnosu na rashode koji su se prije evidentirali kao sitan inventar došlo je do većeg odstupanja na AOP 167, vezano za račun 32219 i AOP 171 za troškove sitnog inventara.
5. Rashodi za intelektualne usluge, AOP 181 veći su zbog usluga izvršenih od strane nadležnih instituta i neprofitnih organizacija, te isplate drugog dohotka. Financijski rashodi veći su zbog povrata HRZZ-u, uplate u proračun za stanove, te prijenosa sredstava Sveučilištu za PDS studij AOP 193 PRRAS obrasca
6. Rashodi za nabavu nefinancijske imovine AOP 364 Medicinska i laboratorijska oprema veći su u odnosu na iste realizirane u prethodnoj godini, ali su troškovi na razini razreda manji. Nabavljeno je novo kombi vozilo zbog dotrajalosti postojećeg.
7. Viškom prihoda poslovanja na AOP 282 pokrivaju se troškovi na razredu 4 za dugotrajnu imovinu.

8. Konačan višak prihoda na AOP 631 proizlazi iz namjenskih prihoda krajem godine za troškove nabavke mikroskopa i djelomično za pokriće materijalnih rashoda u iznosu od 291.261,37 kn na razini akademske godine.

B) OBRAZAC BILANCA

9. Potraživanja na AOP 080 odnose se na avansna plaćanja koja će se knjiženjem računa početkom 2019. godine zatvoriti.
10. Uspješnom naplatom, potraživanja su smanjena na skupini 16. Sukladno Proceduri naplate potraživanja, dostavljaju se opomene i provodimo druge mjere naplate. Utužena potraživanja nalaze se u okviru 20% dospjelih, dok su dospjela potraživanja u odnosu na ukupna potraživanja zastupljena 53,89 %, odnosno 46,11 % su nedospjela potraživanja do 31. prosinca 2018. – vidi AOP 140 Bilance.
11. Manjak prihoda od nefinancijske imovine po korekciji rezultata (odnosno smanjenjem iznosa zbog kapitalnog prihoda) pokrit će se raspoloživim sredstvima na računu viška prihoda poslovanja temeljem Odluke o raspodjeli rezultata.
12. Fakultet uredno podmiruje svoje obaveze raspoloživim sredstvima po svim izvorima financiranja, a dospjele obveze za rashode poslovanja u cijelosti su podmirene temeljem vjerodostojne dokumentacije u siječnju 2019. godine (evidencija po dospjelosti i poslovnim partnerima). Pokazatelji su vidljivi na AOP 275 do AOP 278. Nedospjele obaveze podmirit će se pravovremeno. temeljem dokumentacije, većim dijelom obrađene i plaćene u siječnju 2019. godine.

C) OBRAZAC RAS funkcijski

13. Na AOP 110 prikazani su ukupni rashodi na razini fiskalne godine. Isti su rezultat provođenja visokoškolskog obrazovanja po svim studijskim programima.
14. Ulaganje u istraživanje i razvoj, veza AOP 123 iznosi 31,26% ukupnih troškova realiziranih u 2018. godini. Pretežno su to projekti financirani sredstvima izvan općeg proračuna (izvor 31; 43 i 51), dok namjenska sredstva za Potpore istraživanjima po izvoru 11 iznose 513.391,05 kn.

D) OBRAZAC P-VRIO

15. AOP 019, odnosno AOP 021 prikazuje povećanje proizvedene imovine zbog primljene imovine bez naknade, radi zajedničkog istraživanja i rada na projektu. Sukladno propisima, na računu 91512 evidentirana je primljena dugotrajna imovina bez naknade od poslovnog partnera, što se odnosi na povećanje imovine. Smanjenje imovine od 5.444,83 kn predstavlja sadašnju vrijednost otpisane dugotrajne proizvedene imovine, temeljem rezultata inventurne komisije.

E) OBRAZAC OBVEZE

16. Izvještaj o obvezama prikazuje dugovni saldo računa 2 po određenim skupinama i predstavlja podmirene obaveze u razdoblju siječanj – prosinac 2018. godine, u ukupnom iznosu prikazanom na AOP oznaci 019.