

**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, obavještavanje studenata, očitanja 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	Prosj. ocjena	Broj	Prosj. ocjena	Broj	Prosj. ocjena
2019./2020.	518	41	90	55 + 3 stranca	55	-	-	-	48	-	7	-	0	-
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	Prosj. ocjena	Broj	Prosj. ocjena	Broj	Prosj. ocjena
2019./2020.	215	37	30	55 + 3 stranca	54	-	-	-	44	-	10	-	-	-
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	Prosj. ocjena	Broj	Prosj. ocjena	Broj	Prosj. ocjena
2019./2020.	195	33	24	55 + 2 stranca	55	-	-	-	47	-	8	-	-	-
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	Prosj. ocjena	Broj	Prosj. ocjena	Broj	Prosj. ocjena
2019./2020.	412	57	52	55 + 2 stranca	55	-	-	-	51	-	3	-	1	-
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 инженерство	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani		
2019./2020.	48	40	40 (1 stranac)	-	-	-	2 (studenti s FKIT-a, promjena studija)	3,912
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		
2019./2020.	46	33	35 (2 stranca)	-	-	-	2 (studenti s FKIT-a, promjena studija)	3,551
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		
2019./2020.	37	17	35 (1 stranca)	-	-	-	5 (studenti s FKIT-a, promjena studija) 1 (razlika do 15 ECTSa)	3,637
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		
2019./2020.	28	27	40 (1 stranac)	-	-	-	0	3,733
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

### f) Poslijediplomski programi

Naziv studijskog programa	Redovni studenti			Izvanredni studenti*			Broj studenata koji dolaze s drugog visokog učilišta	Prosječna ocjena**
	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani#	Upisna kvota		
KIPK 2019./2020.				24	24	40	7 (1 RGNF, 1 PBF, 3 IRB, 2 Veleučilište Karlovac)	4,40
KIPK 2018./2019.				37	37	40	6 (1 KTF Split, 1 Medicinski f, 4 IRB)	4,47
KIPK 2017./2018.	-	-	-	17	17	40	3 (2 PMF, 1 Odjel za kemiju Osijek)	4,42
KIPK 2016./2017.	-	-	-	13	13	40	2 (1 Erasmus, 1 IRB, )	4,46
KIPK 2015./2016.	-	-	-	21	21	40	3 studenta (1 KTF Split, 1 PMF Novi Sad, Srbija i 1 PMF SuZ)	4,35

\* 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 <sup>#</sup>	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
2014./2015.	39	3	1	51	21	1 (15)	3,395

## 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 <sup>#</sup>	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
2014./2015.	30	5	14	36	24	0 (25)	2,899

## 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 <sup>#</sup>	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

2014./2015.	29	6	1	48	13	3 (23)	3,156
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### 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 <sup>#</sup>	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
2014./2015.	37	8	7	41	36	2 (16)	3,344

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 brućoša zato što je dio brućoša tokom godina prešao na druge preddiplomske studije. Broj upisanih studenata može biti veći od broja brućoša zato što imamo upisane goste studente

<sup>#</sup>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
2016./2017.	36	0	0	36	36	0	4,613

### 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
2016./2017.	22	0	0	22	21	1	4,478

### 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
2016./2017.	37	1	0	36	34	1 (1)	4,707

### 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
2016./2017.	36	0	0	36	35	1	4,525

# 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							
<b>Kemijsko inženjerstvo</b>											
Modul Kemijsko procesno inženjerstvo (KPI)	Broj (od 42 +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 42+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 42+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
<b>Kemija i inženjerstvo materijala</b>											
	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
<b>Ekoinženjerstvo</b>											
	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
<b>Primijenjena kemija</b>											
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
<b>Diplomski studiji ukupno</b>											
	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	15	15*	150+102	3+4
Inženjerska kemija	30	30*		
Kemijsko inženjerstvo i primijenjena kemija	9	9*		

\* 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	Mrđa Lalić	Marina	Sanja Martinez	17.12.2019.
2.	IK	Coha	Ivana	Danijela Asperger, Željko Grahek	30.10.2019.
3.	KI	Juretić Perišić	Daria	Ana Lončarić Božić	4.10.2019.
4.	KIP	Česnik	Morana	Zvezdana Findrik Blažević	4.10.2019.
5.	KI	Plavac	Bojan	Sanja Papić †, Ana Lončarić Božić	4.10.2019.
6.	IK	Maračić	Silvija	Silvana Raić-Malić	18.7.2019.
7.	KI	Polovina	Saša	Igor Dejanovic, Mirko Stijepović	10.5.2019.
8.	KI	Mimica Tkalčec	Marijana	Mirela Leskovac	25.4.2019.
9.	KIP	Gilja	Vanja	Zlata Hrnjak-Murgić	10.4.2019.
10.	IK	Assarian	Arezo	Sanja Martinez	20.3.2019.
11.	KIP	Cvetnić	Matija	Tomislav Bolanča	18.1.2019.
12.	KIP	Sačer	Denis	Marijana Kraljić Roković	10.12.2018.
13.	IK	Beneta	Antonija	Dragana Mutavdžić Pavlović	06.12.2018.
14.	KI	Duplančić	Marina	Vesna Tomašić	03.12.2018.
15.	KIP	Kristan Mioč	Ekatarina	Helena Otmačić Ćurković	08.11.2018.
16.	IK	Petković	Orjen	Čedomila Milin, Dragana Mutavdžić-Pavlović	12.10.2018.
17.	KIP	Runje	Mislav	Sandra Babić	04.10.2018.
18.	KIP	Kovačić	Marin	Hrvoje Kušić	25.07.2018.
19.	KI	Hadžić	Alen	Ljubica Matijašević	23.07.2018.
20.	IK	Cindrić	Ines	Natalija Koprivanac	17.07.2018.
21.	KIP	Bistrović Popov	Andrea	Silvana Raić-Malić	13.06.2018.
22.	KI	Kordić	Šimo	Gordana Matijašić	11.05.2018.
23.	KI	Nežić	Igor	Aleksandra Sander, Ernest Meštrovic	27.04.2018.
24.	IK	Cerić	Dijana	Danijela Ašperger	19.03.2018.
25.	IK	Jakovljević	Ivana	Gordana Pehnac, Vesna Tomašić	12.12.2017.
26.	IK	Jukić	Mirela	Lidija Ćurkovic	12.12.2017.
27.	IK	Đokić	Maja	Tomislav Bolanča, Nina Bilandžić	08.12.2017.
28.	IK	Strahovnik	Tomislav	Tomislav Bolanca i Marko Rogošić	17.11.2017.
29.	IK	Ganjto	Marin	Hrvoje Ivanković	14.11.2017.
30.	KIP	Hajduković	Mateja	Mirela Samardžić, Stjepan Milardović	01.09.2017.

	Studij	Prezime	Ime	Mentor_DR	Dat_obr_DR
31.	IK	Tušek	Dragutin	Danijela Ašperger	12.06.2017.
32.	IK	Horak	Ema	Ivana Steinberg	02.06.2017.
33.	IK	Zebić Avdičević	Maja	Slaven Dobrović, Krešimir Košutić	14.02.2017.
34.	IK	Herner	Željko	Felicita Briški	10.02.2017.
35.	IK	Ivanković	Antonio	Sanja Martinez	14.12.2016
36.	IK	Minga (Lozić)	Iva	Stanislav Kurajica	9.12.2016
37.	IK	Simčić	Ivan	Stanislav Kurajica	5.10.2016
38.	KI	Margeta	Dunja	Katica Sertić Bionda	15.7.2016
39.	IK	Popović	Marijana	Irena Drmić Hofman, Marijana Hranjec	5.05.2016
40.	KI	Le Cunff	Jérôme	Vesna Tomašić	4.04.2016
41.	KI	Panjičko	Mario	Bruno Zelić, Gregor Drago Zupančič	23.12.2015
42.	IK	Radojević Lacković	Sandra	Tomislav Bolanča	11.12.2015
43.	IK	Hajdari	Zana	Helena Otmačić Ćurković	20.11.2015
44.	IK	Jozanović	Marija	Milan Sak-Bosnar, Zoran Mandić	14.07.2015
45.	IK	Veršić Bratinčević	Maja	Davorka Sutlović, Sandra Babić	30.06.2015
46.	KI	Šalić	Anita	Bruno Zelić	16.06.2015
47.	KI	Sudar	Martina	Zvezdana Findrik Blažević	15.06.2015
48.	IK	Opačak	Ivana	Mira Ristić	12.06.2015
49.	IK	Kassal	Petar	Ivana Steinberg, Matthew Steinberg	12.06.2015
50.	IK	Rogina	Anamarija	Marica Ivanković	11.06.2015
51.	IK	Novak Stankov	Mirjana	Tomislav Bolanča	08.06.2015
52.	KI	Mohler	Ivan	Nenad Bolf	20.03.2015
53.	KI	Ćosić	Ivana	Marija Vuković Domanovac	13.03.2015
54.	IK	Palčić	Marina	Zorana Grabarić, Stjepan Milardović	18.02.2015
55.	IK	Periša	Martina	Sandra Babić	13.02.2015

## Djevojačka prezimena doktorandica i mentorica

### Doktorandice:

1. Silvija Maračić, r. Korunda (2019)
2. Daria Juretić Perišić, r. Juretić (2019)
3. Ivana Coha, r. Milanović (2019)
4. Marina Mrđa, dio radova pod prezimenom Mrđa Lalić (2019)
5. Marijana Mimica Tkalčec, r. Mimica (2019)
6. Vanja Gilja, r. Šute (2019)
7. Beneta Antonija rođ. Periša (2018)
8. Duplančić Marina rođ. Ivandić (2018)
9. Kristan Mioč Ekatarina rođ. Kristasn (2018)
10. Cindrići Ines r. Gračanin (2018)
11. Bistrović Popov Andrea r. Bistrović (2018)
12. Cerić Dijana r. Drljača (2018)
13. Mirela Jukić rođ. Milas (2017)
14. Ivana Jakovljević rođ. Lulić (2017)
15. Maja Zebić Avdičević rođ. Zebić (2017)
16. Iva Minga, dio radova pod prezimenom Lozić (2016)
17. Zana Hajdari Gretić, rođ. Hajdari (2015)
18. Mirjana Novak Stankov, rođ. Novak (2015)
19. Marija Jozanović, rođ. Horvat (2015)

### 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 1.1.2015. – 31.12.2019. (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; 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> . <b>48</b> (2015), 9; 677-684	0,885 (2015.)	IK
2.	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> . <b>67</b> (2015), 4; 1391-1397	0,367 (2015.)	IK
3.	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> . <b>40</b> (2015); 143-147	2,780 (2015.)	IK
4.	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> . <b>67</b> (2015), 4; 1377-1389	0,367 (2015.)	IK
5.	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> . <b>54</b> (2015); 331-337	3,388 (2015.)	IK
6.	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> . <b>29</b> (2015); 3; 329-333	0,675 (2015.)	KI
7.	Milanović, Ivana; Grahek, Željko. Semi-automated procedure for the determination of 89, 90Sr in environmental samples by Cherenkov counting. // <i>Journal of radioanalytical and nuclear chemistry</i> . <b>303</b> (2015), 2; 1453-1457	0,983 (2015.)	IK

8.	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> . <b>24</b> (2015); 11 a; 3695-3702	0,372 (2015.)	KI
9.	Jakovljević, Ivana; Pehcec, Gordana; Vadjici, 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> . <b>22</b> (2015) , 20; 15931-15940	2,760 (2015.)	IK
10.	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> . <b>5-6</b> (2015) ; 223-232	0,235 (2015.)	IK
11.	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> . <b>10</b> (2015); 5787-5799	1,692 (2015.)	IK
12.	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> . <b>10</b> (2015); 8; 6548-6557	1,692 (2015.)	IK
13.	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> . <b>56</b> (2015); 6-10	4,569 (2015.)	IK
14.	Krištafor, Svjetlana; Bistrovic, 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> . <b>56</b> (2015); 1222-1228	2,347 (2015.)	KIP
15.	Le Cunff, Jérôme; Tomašić, Vesna; Wittine, Ozren. Photocatalytic degradation of the herbicide terbuthylazine: preparation, characterization and photoactivity of the immobilized thin layer of TiO <sub>2</sub> /chitosan. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>309</b> (2015); 22-29	2,477 (2015.)	KI
16.	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 &amp; medicinal chemistry</i> . <b>23</b> (2015); 7448-7463	2,923 (2015.)	IK
17.	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> . <b>35</b> (2015) , 6; 581-592	2,722 (2015.)	IK
18.	Palaić, Nikolina; Sertić-Bionda, Katica; Margeta, Dunja; Podolski, Štefica. Oxidative desulphurization of diesel fuels. // <i>Chemical and biochemical engineering quarterly</i> . <b>29</b> (2015); 3; 323-327	0,675 (2015.)	KI
19.	Panjičko, Mario; Zupančić, Gregor Drago; Zelić, Bruno. Anaerobic biodegradation of raw and pre-treated brewery spent grain utilizing solid state anaerobic digestion. // <i>Acta chimica Slovenica</i> . <b>62</b> (2015); 4; 818-827	1,167 (2015.)	KI
20.	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> . <b>1090</b> (2015); 129-137	1,780 (2015.)	IK
21.	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> . <b>68</b> (2015); 278-287	3,485 (2015.)	IK
22.	Steinberg, Matthew; Kassal, Petar; Kereković, Irena; Steinberg, Ivana. A wireless potentiostat for mobile chemical sensing and biosensing. // <i>Talanta</i> . <b>143</b> (2015); 178-183	4,035 (2015.)	IK
23.	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> . <b>5</b> (2015); 69819-69828	3,289 (2015.)	KI
24.	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 &amp; engineering chemistry research</i> . <b>54</b> (2015); 20; 5427-5441	2,567 (2015.)	IK, KI

25.	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> . <b>78</b> (2015); 889-898	1,332 (2015.)	IK
26.	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> . <b>97</b> (2016), 3; 367-373	1,412 (2016.)	IK
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**Tablica 2.4.3.** Popis radova doktoranada nepovezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC u razdoblju 1.1.2015. – 31.12.2019. (za tablicu 2.4.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STU DIJ
1.	Bura-Nakić, Elvira; Marguš, Marija; Jurašin, Darija; Milanović, Ivana; Ciglonečki, Irena. Chronoamperometric study of elemental sulphur (S) nanoparticles (NPs) in NaCl water solution: new methodology for S NPs sizing and detection. // <i>Geochemical transactions</i> . <b>16</b> (2015), 1; 9	1,100 (2015.)	IK
2.	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> . <b>276</b> (2015); 261-273	5,310 (2015.)	KI
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4.	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> . <b>162-163</b> (2016); 56-67	2,310 (2016.)	IK
5.	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> . <b>321</b> (2016); 238-247	2,625 (2016.)	IK, KI
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8.	Plavac, Bojan; Sutlović, Igor; Filipan, Veljko. Flexibility of mechanical biological treatment plants. // <i>Technical Gazette</i> . <b>23</b> (2016), 6; 1871-1877	0,723 (2016.)	KI
9.	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 <sub>2</sub> -based zeolite catalyst; mechanisms, pathways and environmental aspects. // <i>Chemical engineering journal</i> . <b>304</b> (2016); 289-302	6,216 (2016.)	IK, KI
10.	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> . <b>17</b> (2015); 8529-8548	3,849 (2015.)	IK
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12.	Biošić, Martina; Mitrevski, Marija; Babić, Sandra. Environmental behaviour of sulfadiazine, sulfamethazine and their metabolites. // <i>Environmental science and pollution research</i> . <b>24</b> (2017), 10; 9802-9812	2,800 (2017.)	IK
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17.	Karnaš, Maja; Sakač, Nikola; Jožanović, 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> . <b>12</b> (2017) ; 5921-5933	1,369 (2017.)	IK
18.	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> . <b>246</b> (2017) ; 455-460	5,667 (2017.)	IK
19.	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> . <b>68</b> (2017) , 3; 205-210	0,616 (2017.)	IK
20.	Kratofil Krehula, Ljerka; Papić, Ana; Krehula, Stjepko; Gilja, Vanja; Foglar, Lucija; Hrnjak-Murgić, Zlata. Properties of UV protective films of poly(vinylchloride)/TiO <sub>2</sub> nanocomposites for food packaging. // <i>Polymer bulletin</i> . <b>74</b> (2017) , 4; 1387-1404	1,589 (2017.)	KIP
21.	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> . <b>7</b> (2017) , 2; 791-800	2,936 (2017.)	IK, KI
22.	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> . <b>125</b> (2017) ; 221-229	3,226 (2017.)	KI
23.	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> . <b>9</b> (2017) , 9; 387-1-387-14	2,935 (2017.)	IK
24.	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> . <b>166</b> (2017) ; 173-182	5,158 (2017.)	IK
25.	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> . <b>82</b> (2017) , 4; 411-416	0,797 (2017.)	KIP, IK
26.	Sakač, Nikola; Jožanović, 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> . <b>20</b> (2017) , 4; 881-889	1,454 (2017.)	IK
27.	Sakač, Nikola; Karnaš, Maja; Jožanović, 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> . <b>9</b> (2017) ; 2305-2314	2,073 (2017.)	IK
28.	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> . <b>162</b> (2017) ; 316-323	4,244 (2017.)	KIP, IK
29.	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> . <b>68</b> (2017) , 4; 308-314	1,317 (2017.)	IK
30.	Babić, Sandra; Biošić, Martina; Škorić, Irena. Transformation products of pharmaceuticals in the environment: formation and analysis. // <i>Current organic chemistry</i> . <b>22</b> (2018) , 10; 987-1004	2,029 (2018.)	IK

31.	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> . <b>25</b> (2018) ; 28917-28927	2,914 (2018.)	KIP, IK
32.	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> . <b>91</b> (2018) , 4; 491-499	0,731 (2018.)	IK
33.	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> . <b>37</b> (2018) , 4; 20170024-1-20170024-27	2,875 (2018.)	IK
34.	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> . <b>275</b> (2018) ; 230-236	6,393 (2018.)	IK
35.	Kassal, Petar; Steinberg, Matthew D.; Steinberg, Ivana Murković. Wireless chemical sensors and biosensors: a review. // <i>Sensors and actuators. B, Chemical</i> . <b>266</b> (2018) ; 228-245	6,393 (2018.)	IK
36.	Margeta, Dunja; Faraguna, Fabio; Sertić-Bionda, Katica; Jukić, Ante. Modeling of dibenzothiophene oxidative desulfurization using response surface methodology. // <i>Petroleum science and technology</i> . <b>36</b> (2018) , 1; 68-74	1,070 (2018.)	KI, IK
37.	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> . <b>32</b> (2018) , 4; 501-510	0,859 (2018.)	KI
38.	Sudar, Martina; Vasić-Rački, Đurđa; Müller, Michael; Walter, Alexandra; Findrik Blažević, Zvezdana. Mathematical model of the MenD-catalyzed 1,4-addition (Stetter Reaction) of $\alpha$ -ketoglutaric acid to acrylonitrile. // <i>Journal of biotechnology</i> . <b>268</b> (2018) ; 71-80	3,163 (2018.)	KI
39.	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> . <b>47</b> (2018) ; 80-88	3,739 (2018.)	KI
40.	Šalić, Anita; Zelić, Bruno. Synergy of microtechnology and biotechnology: microreactors as an effective tool for biotransformation processes. // <i>Food technology and biotechnology</i> . <b>56</b> (2018) , 4; 464-479	1,517 (2018.)	KI
41.	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> . <b>150</b> (2018) ; 216-222	4,018 (2018.)	IK
42.	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> . <b>35</b> (2018) , 2; 745-756	0,790 (2018.)	KIP
43.	Kovačić, Marin; Ašperger, Danijela. Low-cost turbidimeter, colorimeter, and nephelometer for the student laboratory. // <i>Journal of chemical education</i> . <b>96</b> (2019) , 11; 2649-2654	1,385 (2019.)	KIP
44.	Kučić Grgić, Dajana; Vuković Domanovac, Marija; Domanovac, Tomislav; Šabić, Monika; Cvetnić, Matija; Očelić Bulatović, Vesna. Influence of Bacillus subtilis and Pseudomonas aeruginosa BSW and Clinoptilolite addition on the biowaste composting process. // <i>Arabian journal for science and engineering</i> . <b>44</b> (2019) , 6; 5399-5409	1,711 (2019.)	KIP
85.	Bengtsson-Palme, Johan; Milaković, Milena; Švecová, Helena; Ganjto, Marin; Jonsson, Viktor; Grabić, Roman; Udiković-Kolić, Nikolina. Industrial wastewater treatment plant enriches antibiotic resistance genes and alters the structure of microbial communities. // <i>Water research</i> . <b>162</b> (2019), 437-445	9,130 (2019.)	IK
86.	Bilandžić, Nina; Sedak, Marija; Đokić, Maja; Gross Bošković, Andrea; Florijančić, Tihomir; Bošković, Ivica; Kovačić, Marin; Puškadija, Zlatko; Hruškar, Mirjana. Element content in ten Croatian honey types from different geographical regions during three seasons. // <i>Journal of food composition and analysis</i> . <b>84</b> (2019), 103305, 12	3,721 (2019.)	IK
87.	Gojun, Martin; Pustahija, Lucija; Jurinjak Tušek, Ana; Šalić, Anita; Valinger, Davor; Zelić, Bruno. Kinetic parameter estimation and mathematical modelling of lipase catalysed biodiesel synthesis in a microreactor. // <i>Micromachines</i> . <b>10</b> (2019) ; 759, 18	2,523 (2019.)	KI

88.	Horak, Ema; Robić, Marko; Šimanović, Aleksandra; Mandić, Vilko; Vianello, Robert; Hranjec, Marijana; Murković Steinberg, Ivana. Tuneable solid-state emitters based on benzimidazole derivatives: aggregation induced red emission and mechanochromism of D- $\pi$ -A fluorophores. // <i>Dyes and pigments</i> . <b>162</b> (2019) ; 688-696	4,613 (2019.)	IK
89.	Ivanišević, Irena; Kassal, Petar; Milinković, Andrea; Rogina, Anamarija; Milardović, Stjepan. Combined chemical and thermal sintering for high conductivity inkjet-printed silver nanoink on flexible substrates. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 377-384	0,960 (2019.)	IK
90.	Ivanković, Tomislav; Đikić, Jelena; Rolland du Roscoat, Sabine; Dekić, Svjetlana; Hrenović, Jasna; Ganjto, Marin. Removal of emerging pathogenic bacteria using metal-exchanged natural zeolite bead filter. // <i>Water science and technology</i> , <b>80</b> (2019) , 6; 1085-1098	1,638 (2019.)	IK
91.	Kassal, Petar; Sigurnjak, Marija; Murković Steinberg, Ivana. Paper-based ion-selective optodes for continuous sensing: Reversible potassium ion monitoring. // <i>Talanta</i> . <b>193</b> (2019) ; 51-55	5,339 (2019.)	IK
92.	Kurajica, Stanislav; Gazivoda Kraljević, Tatjana; Mali, Gregor; Simčić, Ivan; Mandić, Vilko; Minga, Iva. Multinuclear magnetic resonance study on aluminium sec-butoxide chelated with ethyl acetoacetate in various amounts. // <i>Croatica chemica acta</i> . <b>92</b> (2019) , 1; 17-28	0,812 (2019.)	IK
93.	Matana, Antonela; Popović, Marijana; Boutin, Thibaud; Torlak, Vesela; Brdar, Dubravka; Gunjača, Ivana; Kolčić, Ivana; Boraska Perica, Vesna; Punda, Ante; Polašek, Ozren; Hayward, Caroline; Barbalić, Maja; Zemunik, Tatijana. Genome-wide meta-analysis identifies novel gender specific loci associated with thyroid antibodies level in Croatians. // <i>Genomics</i> . <b>111</b> (2019) , 4; 737-743	6,205 (2019.)	IK
94.	Matana, Antonela; Popović, Marijana; Boutin, Thibaud; Torlak, Vesela; Brdar, Dubravka; Gunjača, Ivana; Kolčić, Ivana; Boraska Perica, Vesna; Punda, Ante; Rudan, Igor; Polašek, Ozren; Barbalić, Maja; Hayward, Caroline; Zemunik, Tatijana. Genetic variants in the ST6GAL1 gene are associated with thyroglobulin plasma level in healthy individuals. // <i>Thyroid</i> . <b>29</b> (2019) , 6; 886-893	5,227 (2019.)	IK
95.	Patrician, Alexander; Veršić Bratinčević, Maja; Mijačika, Tanja; Banić, Ivana; Marendić, Mario; Sutlović, Davorka; Dujić, Željko; Ainslie, Philip N. Examination of a new delivery approach for oral cannabidiol in healthy subjects: a randomized, double-blinded, placebo-controlled pharmacokinetics study. // <i>Advances in therapy</i> . <b>36</b> (2019) , 11; 3196-3210	3,871 (2019.)	IK
96.	Popović, Marijana; Matana, Antonela; Torlak, Vesela; Boutin, Thibaud; Brdar, Dubravka; Gunjača, Ivana; Vidan, Nikolina; Kaličanin, Dean; Kolčić, Ivana; Boraska Perica, Vesna; Punda, Ante; Polašek, Ozren; Barbalić, Maja; Hayward, Caroline; Zemunik, Tatijana. Genome-wide meta-analysis identifies novel loci associated with free triiodothyronine and thyroid-stimulating hormone. // <i>Journal of endocrinological investigation</i> , <b>42</b> (2019) , 10; 1171-1180	3,397 (2019.)	IK
97.	Popović, Marijana; Matana, Antonela; Torlak Lovrić, Vesela; Brdar, Dubravka; Gunjača, Ivana; Boraska Perica, Vesna; Barbalić, Maja; Kolčić, Ivana; Punda, Ante; Polašek, Ozren; Hayward, Caroline; Zemunik, Tatijana. The effect of multiple nutrients on plasma parathyroid hormone level in healthy individuals // <i>International journal of food sciences and nutrition</i> . <b>70</b> (2019) , 5; 638-644	3,483 (2019.)	IK
98.	Rogina, Anamarija; Antunović, Maja; Milovac, Dajana. Biomimetic design of bone substitutes based on cuttlefish bone-derived hydroxyapatite and biodegradable polymers. // <i>Journal of biomedical materials research. Part B, Applied biomaterials</i> . <b>107</b> (2019) ; 197-204	2,831 (2019.)	IK
99.	Rogina, Anamarija; Lončarević, Andrea; Antunović, Maja; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Tuning physicochemical and biological properties of chitosan through complexation with transition metal ions. // <i>International journal of biological macromolecules</i> . <b>129</b> (2019) ; 645-652	5,162 (2019.)	IK
100.	Rogina, Anamarija; Šandrak, Nikolina; Teruel-Biosca, Laura; Antunović, Maja; Ivanković, Marica; Gallego Ferrer, Gloria. Bone-mimicking injectable gelatine/hydroxyapatite hydrogels. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) ; 325-335	0,960 (2019.)	IK
101.	Sudar, Martina; Findrik, Zvezdana; Szekrenyi, Anna; Clapés, Pere; Vasić-Rački, Đurđa Reactor and microreactor performance and kinetics of the aldol addition of dihydroxyacetone to benzyloxycarbonyl-N-3-aminopropanal catalyzed by D-fructose-6-phosphate aldolase variant A129G. // <i>Chemical engineering communications</i> . <b>206</b> (2019) , 7; 927-939	1,802 (2019.)	KI

102.	Tišma, Marina; Tadić, Toma; Budžaki, Sandra; Ostojčić, Marta; Šalić, Anita; Zelić, Bruno; Tran, Nghiep Nam; Ngothai, Yung; Hessel, Volker. Lipase production by solid-state cultivation of <i>Thermomyces lanuginosus</i> on by-products from cold-pressing oil production. // <i>Processes</i> . <b>7</b> (2019), 7; 465, 12	2,753 (2019.)	KI
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**Tablica 2.4.4.** Popis radova doktoranada povezanih s disertacijom (prije i nakon obrane, u bazi podataka SCOPUS, bez onih u WoSCC u razdoblju 1.1.2015. – 31.12.2019. (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; 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> . <b>48</b> (2017), 4; 267-276	-	IK
2.	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> . <b>57</b> (2017); 889-894	-	KI, IK
3.	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> . <b>48</b> (2017), 6; 439-449	-	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 (WoSCC)</i>	IF	STU DIJ
1.	Periša, Martina; Babić, Sandra. Farmaceutici u okolišu. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>65</b> (2016); 9-10; 417-482	-	IK
2.	Šešelj, Nedjeljko; Sačer, Denis; Kraljić Roković, Marijana. Karakterizacija pseudokapacitivnih svojstava kemijski priređenog MnO <sub>2</sub> te kompozita MnO <sub>2</sub> /polipirol. // <i>Kemija u industriji</i> . <b>65</b> (2016), 3/4; 127-136	-	KIP
3.	Hajdari Gretić, Zana; Rahelić, Tin; Vrsaljko, Domagoj. Materijali za izradu mikroreaktora. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017), 11-12; 633-640	-	IK
4.	Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Bilandžić, Nina. Arsen i arsenove specije u hrani - naglasak na anorganski arsen. // <i>Veterinarska stanica</i> . <b>49</b> (2018), 5; 343-353	-	IK

**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
<b>Preddiplomski studiji</b>							
Kemijsko inženjerstvo	60	54	60	60	3	48	60
Kemija i inženjerstvo materijala	43	42	43	43	2	42	43
Ekoinženjerstvo	53	47	53	53	3	46	53
Primijenjena kemija	54	52	54	54	3	52	54
<b>Diplomski studiji</b>							
Kemijsko inženjerstvo	257	223	257	257	13	192	257
Kemija i inženjerstvo materijala	72	61	72	72	4	55	72
Ekoinženjerstvo	88	76	88	88	5	74	88
Primijenjena kemija	223	202	223	223	12	187	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)
<b>Jednokratni programi (kongresi, ljetne škole)</b>			
-	-	-	-
<b>Redoviti programi</b>			
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		
<b>Povremeni programi</b>			
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							2017./2018.	2018./2019.
	2010./2011.	2011./2012.	2012./2013.	2013./2014.	2014./2015.	2015./2016.	2016./2017.		
Preddiplomski studij Kemijsko inženjerstvo	172	187	217	219	252	254	244	234	244
Preddiplomski studij Kemija i inženjerstvo materijala	92	122	134	155	184	212	201	203	201
Preddiplomski studij Ekoinženjerstvo	191	205	223	233	231	198	184	159	150
Preddiplomski studij Primijenjena kemija	137	156	168	185	195	178	183	190	186
Diplomski studij Kemijsko inženjerstvo (tri modula)	52	45	54	71	71	77	74	74	80
Modul Kemijsko-procesno inženjerstvo	9	12	21	39	46	43	33	27	16
Kemijsko inženjerstvo u zaštiti okoliša	23	15	16	16	12	7	0	0	0
Kemijske tehnologije i proizvodi	20	18	17	16	13	27	41	47	64
Diplomski studij Kemija i inženjerstvo materijala	24	33	38	36	27	34	44	48	58
Diplomski studij Ekoinženjerstvo	49	38	33	36	30	53	78	63	66
Diplomski studij Primijenjena kemija (tri modula)	50	41	45	54	50	64	74	80	89
Modul Kemija okoliša	15	11	8	8	9	11	6	10	14
Modul Specifični materijali i napredne tehnologije	19	14	16	24	20	29	32	28	30
Modul Primijenjena organska kemija	16	16	21	22	21	24	74	42	45
<b>Ukupno</b>	<b>767</b>	<b>827</b>	<b>912</b>	<b>989</b>	<b>1040</b>	<b>1070</b>	<b>1082</b>	<b>1051</b>	<b>1074</b>

**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

2018./2019.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	2	13	2	7	2	6				
Stipendija	2 HRZZ	6 HRZZ	0	0	0	0				
Troškove snosi pravna osoba	4	4	3	4	0	2				
Samofinanciranje	4	2	0	1	2	0				
UKUPNO:	12	25	5	12	4	8				

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

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
Samofinanciranje	0	0	0	0	0	1	4	5	0	0
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>20</b>	<b>40</b>	<b>1</b>	<b>12</b>

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
Samofinanciranje	0	0	0	0	0	0	4	6	0	0
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>20</b>	<b>41</b>	<b>0</b>	<b>3</b>

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
Samofinanciranje	0	0	0	0	0	0	3	11	1	0
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>34</b>	<b>4</b>	<b>3</b>

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
Samofinanciranje	0	0	0	0	0	0	2	9	1	2
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>29</b>	<b>2</b>	<b>5</b>

2018./2019.	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	3	1	1
Stipendija	0	0	0	0	0	0	0	0		
Troškove snosi pravna osoba	0	0	0	0	0	0	2	12		1
Samofinanciranje	0	0	0	0	0	0	2	7		1
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>22</b>	<b>1</b>	<b>3</b>

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

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
Samofinanciranje	0	0	0	0	0	0	2	3	0	0
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>19</b>	<b>9</b>	<b>2</b>	<b>4</b>

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	3	1	0	1



novak										
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	14	5	1	0
Samofinanciranje	0	0	0	0	0	0	1	3	1	0
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>18</b>	<b>9</b>	<b>2</b>	<b>1</b>

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
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>8</b>	<b>0</b>	<b>0</b>

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
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>8</b>	<b>3</b>	<b>0</b>

2018./2019.	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	1		1
Stipendija	0	0	0	0	0	0	0	0		
Troškove snosi pravna osoba	0	0	0	0	0	0	5	3		1
Samofinanciranje	0	0	0	0	0	0	3	2	1	
<b>UKUPNO:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>6</b>	<b>1</b>	<b>2</b>

**Tablica 3.2. Studentski standard**

	Površina / m <sup>2</sup>	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 31. srpnja 2020. (bez radnog iskustva)
Diplomski studij Kemijsko inženjerstvo	2011./2012.	27	7
	2012./2013.	16	
	2013./2014.	35	
	2014./2015.	29	
	2015./2016.	37	
	2016./2017.	37	
	2017./2018.	32	
Diplomski studij Kemija i inženjerstvo materijala	2011./2012.	17	4
	2012./2013.	13	
	2013./2014.	18	
	2014./2015.	15	
	2015./2016.	10	
	2016./2017.	21	
	2017./2018.	22	
Diplomski studij Ekoinženjerstvo	2011./2012.	19	4
	2012./2013.	12	
	2013./2014.	19	
	2014./2015.	14	
	2015./2016.	10	
	2016./2017.	34	
	2017./2018.	28	
Diplomski studij Primijenjena kemija	2011./2012.	25	7
	2012./2013.	14	
	2013./2014.	29	
	2014./2015.	21	
	2015./2016.	25	
	2016./2017.	31	
	2017./2018.	30	
2018./2019.	39		

**Tablica 3.3.a.** Analiza nezaposlenosti prema podacima Hrvatskog zavoda za zapošljavanje na dan 31. prosinac 2019.

Razina obrazovanja Obrazovni program	listopad 2014.		prosinac 2015.		prosinac 2016.		prosinac 2017.		prosinac 2018.		prosinac 2019.	
	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	3	1	1	0	3	2	1	1	-	-	2	1
(51300/52.012) Kemijsko inženjerstvo	2	1	6	4	4	4	2	1	1	0	2	0
(51300/52.010) Kemija i inženjerstvo materijala	2	1	2	1	0	0	-	-	1	0	0	0
(51300/44.012) Primijenjena kemija	-	-	-	-	-	-	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	6	1	3	1	3	0	3	2	1	0	1	0
(51500/44.038) Primijenjena kemija; smjer: Primijenjena organska kemija	9	8	5	3	7	5	6	4	11	10	9	6
(51500/44.039) Primijenjena kemija; smjer: Specifični materijali i napredne tehnologije	11	11	6	6	8	6	7	5	0	0	2	1
(51500/52.005) Ekoinženjerstvo	24	15	13	8	13	7	23	13	13	10	14	7
(51500/52.016) Kemija i inženjerstvo materijala	13	11	7	3	7	4	9	7	10	6	12	10
(51500/52.018) Kemijsko inženjerstvo	25	20	18	13	18	13	18	14	22	13	13	9
(4.1) Fakultet, akademija												
(51001/52.020) Kemijska tehnologija	37	3	46	3	29	3	25	2	20	3	15	2
(4.6.4) poslijediplomski sveučilišni studij 180 ECTS												
(60900/44.011) Inženjerska kemija	1	0	0	0	1	0	0	0	1	0	3	0
(60900/52.023) Kemijsko inženjerstvo	1	0	1	0	1	0	0	0	0	0	2	0
Ukupni zbroj	134	72	108	42	98	45	95	50	80	42	75	36

**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
	2018./2019. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	16 sati predavanja u zimskom semestru
Dr. sc. Lidija Furač, viši predavač	2018./2019. Kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	60 sati predavanja i 8 sati vježbi u ljetnom 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
	2018./2019. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	8 sati predavanja u zimskom 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
	2018./2019. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	14 sati predavanja u zimskom semestru
Prof. dr. sc. Zlata Hrnjak-Murčić	2015./2016. Otpad i recikliranje	Tehnološki i Prirodoslovno- matematički fakultet Univerziteta u Tuzli	8 sati predavanja
Prof. dr. sc. Hrvoje Ivanković	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
Izv. prof. dr. sc. Svjetlana Krištafor	2018./2019. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	16 sati predavanja u zimskom semestru
	2018./2019. Kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	60 sati predavanja u ljetnom semestru
Prof. dr. sc. Stanislav Kurajica	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
	2018./2019. Tehnologija materijala - metal i keramika	Prediplomski Studij restauracije i konzervacije Sveučilišta u Dubrovniku	30 sati predavanja 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

<b>Nastavnik</b>	<b>Akadska godina Kolegij</b>	<b>Naziv vanjskog učilišta</b>	<b>Broj sati</b>
Izv. prof. dr. sc. Dragana Mutavdžić Pavlović	2016./2017. Instrumentalna analitička kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja i 7 sati vježbi u zimskom semestru
	2018./2019. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	14 sati predavanja u zimskom semestru
Doc. dr. sc. Vilko Mandić	2017./2018. Upravljanje u kriznim NBKO situacijama	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja u ljetnom semestru
	2017./2018. Toksične industrijske tvari	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja u ljetnom semestru
	2017./2018. NBK zaštita	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja i 15 sati seminara u ljetnom semestru
	2017./2018. RBK detekcija, identifikacija i monitoring	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	45 sati predavanja i 15 sati seminara u ljetnom semestru
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
	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 2019.

**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
	Diplomski studiji 2017./2018.	4,17	0,74	101
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
Marko Rogošić, Jelena Macan (urednici) Fakultet kemijskog inženjerstva i tehnologije Sveučilišta u Zagrebu 1919. – 2019. (monografija)	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2019., 431
Zoran Gomzi, Želimir Kurtanjek Modeliranje u kemijskom inženjerstvu	Hrvatsko društvo kemijskih inženjera i tehnologa i Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2019., 554
Vesna Tomašić, Bruno Zelić Environmental Engineering - Basic Principles	De Gruyter, Berlin/Boston, 2018., 392
Jelena Macan (urednica knjige), Marija Kaštelan-Macan Vjera Marjanović Krajočan, Edicija istaknuti profesori, knj. 12	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2018., 138
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 Kratočil Krehula, Zvonimir Katančić Nanoparticles in Active Polymer Food Packaging (monografija)	Smithers Pira, Surrey, 2015., 260



**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	37	51				1	48
Izvanredni profesori	14	50					
Docenti	15	37				1	36
Nastavna zvanja	5	47					
Poslijedoktorandi (VN+HrZZ)	7	34					
Asistenti (VN+HrZZ+EU projekt)	49	28				1	25
Stručni suradnici (EU prokekt)	3	41					
Znanstveni novaci	6	37					
Tehničko osoblje	17	43					
Administrativno osoblje	23	51					
Pomoćno osoblje	20	51					
<b>Ukupno</b>	<b>196</b>	<b>43</b>				<b>3</b>	<b>36</b>

\* Stanje 31. prosinca 2019.

**Tablica 4.2. Opterećenje nastavnika i vanjskih suradnika za ak. god. 2018./2019.**

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.	3120	-	2150	-	4095	-
KIM-preddipl.	2200	-	1455	-	3880	-
EI-preddipl.	2320	60	1770	-	2960	90
PK-preddipl.	2400	60	1480	-	3440	90
KI-dipl.	1500	90	435	90	1460	-
KIM-dipl.	1800	60	460	45	1080	-
EI-dipl.	1035	60	570	45	1550	-
PK-dipl.	1740	-	640	-	1595	-
Doktorski KI i PK	2205	405	-	-	-	-
<b>Ukupno</b>	<b>18320</b>	<b>330</b>	<b>8960</b>	<b>180</b>	<b>20060</b>	<b>180</b>

**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 radnim satima radnim (2018./2019.)	Opterećenje na vanjskim institucijama u radnim satima
BABIĆ, SANDRA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 10. 2018.	100	245,00	
BOLANČA, TOMISLAV	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	28. 9. 2018.	100	280,00	
FILIPAN, VELJKO	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet strojarstva i brodogradnje	strojarstvo	11. 10. 2016.	100	488,75	
GOVORČIN-BAJSIĆ, EMI	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	15. 5. 2018.	100	395,00	
GUSIĆ, IVICA	Redoviti profesor – trajno zvanje	dr. sc.	Prirodoslovno–matematički fakultet	matematika	12. 7. 2012.	100	390,00	
HRNJAK–MURGIĆ, ZLATA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	19. 4. 2016.	100	411,00	
IVANKOVIĆ, HRVOJE	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo temeljne tehničke znanosti	12. 4. 2011.	100	270,00	
IVANKOVIĆ, MARICA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo temeljne tehničke znanosti	21. 12. 2010.	100	306,00	
JUKIĆ, ANTE	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 9. 2018.	100	159,00	
KOŠUTIĆ, KREŠIMIR	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	11. 10. 2016.	100	598,15	
KURAJICA, STANISLAV	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo temeljne tehničke znanosti	12. 2. 2013.	100	347,50	
LESKOVAC, MIRELA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	12. 12. 2017.	100	440,00	
LUČIĆ BLAGOJEVIĆ, SANJA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	27. 2. 2018.	100	519,50	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u radnim satima radnim (2018./2019.)	Opterećenje na vanjskim institucijama u radnim satima
MARTINEZ, SANJA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo temeljne tehničke znanosti	12. 12. 2017.	100	270,00	
RAIĆ–MALIĆ, SILVANA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	11. 4. 2017.	100	294,00	
ROGOŠIĆ, MARKO	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	19. 5. 2016.	100	431,00	
SANDER, ALEKSANDRA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2018.	100	425,50	
TOMAŠIĆ, VESNA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	11. 10. 2016.	100	214,50	
VOLOVŠEK, VESNA	Redoviti profesor – trajno zvanje	dr. sc.	Prirodoslovno–matematički fakultet	fizika	11. 10. 2016.	100	240,00	
ZELIĆ, BRUNO	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 6. 2017.	100	533,00	
AŠPERGER, DANIJELA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	22. 1. 2019.	100	648,50	
BOLF, NENAD	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 4. 2017.	100	473,50	
FINDRIK BLAŽEVIĆ, ZVJEZDANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2018.	100	506,82	
GLASNOVIĆ, ZVONIMIR	Redoviti profesor – prvi izbor	dr. sc.	Elektrotehnički fakultet	elektrotehnika	22. 1. 2019.	100	477,50	
HRANJEC, MARIJANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	27. 2. 2018.	100	359,00	
LONČARIĆ–BOŽIĆ, ANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 12. 2016.	100	288,68	
MACAN, JELENA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	17. 10. 2017.	100	496,05	
MANDIĆ, ZORAN	Redoviti profesor – prvi izbor	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	13. 12. 2016.	100	335,50	
MATIJAŠIĆ, GORDANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 2. 2017.	100	428,00	
MUTAVDŽIĆ PAVLOVIĆ, DRAGANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	12. 6. 2018.	100	359,00	
PRLIĆ KARDUM, JASNA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 2. 2017.	100	363,00	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u radnim satima radnim (2018./2019.)	Opterećenje na vanjskim institucijama u radnim satima
SUTLOVIĆ, IGOR	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	14. 2. 2017.	100	397,50	
ŠIPUŠIĆ, JURAJ	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16. 1. 2017.	100	377,50	
ŠKORIĆ, IRENA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	14. 2. 2017.	100	391,50	
VIDOVIĆ, ELVIRA	Redoviti profesor – prvi izbor	dr. sc.	Rheinisch – Westfälische Technische Hochschule Aachen, Njemačka	kemijsko inženjerstvo	12. 6. 2018.	100	457,50	
VRSALOVIĆ PRESEČKI, ANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 12. 2018.	100	419,61	
VUKOVIĆ DOMANOVAC, MARIJA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2018.	100	456,86	
DANANIĆ, VLADIMIR	Izvanredni profesor	dr. sc.	Prirodoslovno–matematički fakultet	fizika	16. 6. 2015.	100	390,00	
DOLAR, DAVOR	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	2. 12. 2019.	100	444,00	
GAZIVODA KRALJEVIĆ, TATJANA	Izvanredni profesor	dr. sc.	Prirodoslovno–matematički fakultet	kemija	25. 4. 2017.	100	236,00	
KOSAR, VANJA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	29. 5. 2017.	100	309,82	
KRALJIĆ ROKOVIĆ, MARIJANA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16. 1. 2017.	100	300,00	
KRIŠTAFOR, SVJETLANA	Izvanredni profesor	dr. sc.	Prirodoslovno–matematički fakultet	kemija	19. 2. 2019.	100	422,50	
KUŠIĆ, HRVOJE	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	7. 5. 2018.	100	382,68	
MILARDOVIĆ, STJEPAN	Izvanredni profesor	dr. sc.	Tehnološki fakultet	kemija	29. 2. 2016.	100	294,00	
OTMAČIĆ ĆURKOVIĆ, HELENA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	8. 5. 2017.	100	461,00	
STEINBERG, IVANA	Izvanredni profesor	dr. sc.	Karl – Franzes – Universität Graz, Austrija	kemija	20. 12. 2016.	100	361,00	
UKIĆ, ŠIME	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	21. 11. 2017.	100	342,50	
VRBOS, NEVENKA	Izvanredni profesor	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	29. 1. 2018.	100	285,00	
VRSALJKO, DOMAGOJ	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	7. 5. 2018.	100	346,89	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u radnim satima radnim (2018./2019.)	Opterećenje na vanjskim institucijama u radnim satima
ŽIŽEK, KRUNOSLAV	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2018.	100	334,50	
BEGOVIĆ KOVAČ, ERNA	Docent	dr. sc.	Prirodoslovno–matematički fakultet	matematika	20. 11. 2018.	100	607,50	
DEJANOVIĆ, IGOR	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	24. 11. 2014.	100	327,00	
FARAGUNA, FABIO	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10. 9. 2018.	100	409,00	
JERKOVIĆ, MIROSLAV	Docent	dr. sc.	Prirodoslovno–matematički fakultet	matematika	30. 10. 2017.	100	540,00	
KASSAL, PETAR	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	22. 5. 2019.	100	501,00	
KATANČIĆ, ZVONIMIR	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	4. 3. 2019.	100	266,50	
KATIĆ, JOZEFINA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	27. 9. 2018.	100	321,50	
KOVAČIĆ, MARIN	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	4. 3. 2019.	100	132,00	
KRATOFIL KREHULA, LJERKA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	15. 6. 2015.	100	389,00	
KUČIĆ GRGIĆ DAJANA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10. 9. 2018.	100	515,64	
MANDIĆ, VILKO	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	21. 9. 2017.	100	185,00	
ROGINA, ANAMARIJA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	5. 11. 2018.	100	540,00	
SUDAR, MARTINA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 5. 2019.	100	253,14	
UJEVIĆ ANDRIJIĆ, ŽELJKA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2013.	100	374,00	
VUK, DRAGANA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	17. 3. 2015.	100	288,00	
DEŠPALJ, NAĐA	Viši predavač		Filozofski fakultet	filologija	3. 7. 2017.	100	960,00	
FURAČ, LIDIJA	Viši predavač	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	24. 9. 2013.	100	487,00	
MARKIĆ, MARINKO	Viši predavač	mr. sc.	Elektrotehnički fakultet	elektrotehnika	3. 12. 2018.	100	577,5	
MOVRE ŠAPIĆ, IVA	Predavač	dr. sc.	Prirodoslovno–matematički fakultet	fizika	22. 9. 2015.	100	0,00	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u radnim satima radnim (2018./2019.)	Opterećenje na vanjskim institucijama u radnim satima
PERŠUN, JOSIPA	Predavač		Kineziološki fakultet u Zagrebu	kineziologija	18. 3. 2015.	100	1020,00	
CVETNIĆ, MATIJA	Poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	27. 5. 2019.	100	462,50	
DUPLANČIĆ, MARINA	Poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26. 2. 2019.	100	106,00	
MARAČIĆ, SILVIJA	Poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	8. 11. 2019.	100	75,00	
VIDAK, ANDREJ	Poslijedoktorand	dr. sc.	BiH Univerzitet u Sarajevu Prirodoslovno–matematički fakultet	fizika	1. 10. 2019.	100	1125,00	
BABIĆ, BRUNA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	9. 12. 2019.	100	0,00	
BARBARIĆ, JOŠKO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 2. 2016.	100	241,00	
BOČEK, IDA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	18. 2. 2019.	100	177,00	
BLAŽIĆ, ROKO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 2. 2017.	100	215,50	
BRLEKOVIĆ, FILIP	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 5. 2018.	100	271,14	
BUŽANČIĆ, MARIN	Asistent		Prirodoslovno–matematički fakultet	matematika	1. 4. 2016.	100	275,00	
DABIĆ, DARIO	Asistent		Prirodoslovno–matematički fakultet	kemija	1. 10. 2015.	100	240,00	
DORIĆ, HRVOJE	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100	540,00	
GRETIĆ, MATIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100	267,00	
IVANIŠEVIĆ, IRENA	Asistent		Prirodoslovno–matematički fakultet	kemija	1. 4. 2016.	100	230,00	
LUKAČ, GORAN	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 4. 2016.	100	226,00	
LUKIĆ, MARIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 4. 2016.	100	423,50	
LONČAREVIĆ, ANDREA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 2. 2019.	100	58,5	
MIKIĆ, DAJANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	6. 3. 2017.	100	227,00	
MILOLOŽA, MARTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 2. 2019.	100	235,00	
MITAR, ANAMARIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100	278,50	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u radnim satima radnim (2018./2019.)	Opterećenje na vanjskim institucijama u radnim satima
MOROVIĆ, SILVIA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	22. 10. 2019.	100	0,00	
MRKONJIĆ, NIKOLINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 11. 2018.	100	346,50	
MUŽINA, KATARINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 3. 2017.	100	292,50	
PAPAC, JOSIPA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 9. 2017	100	225,64	
PERŠIĆ, ANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 2. 2017.	100	0,00	
PETRAČIĆ, ANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26. 9. 2016.	100	309,82	
PETRIĆ, VEDRAN	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	22. 10. 2019.	100	0,00	
PIŠKOR, MARTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	9. 12. 2019.	100	0,00	
PRŠIR, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100	222,00	
RACAR, MARKO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100	270,00	
RATKOVIĆ, ANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	6. 3. 2017.	100	234,00	
RESSLER, ANTONIA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26. 9. 2016.	100	300,00	
RIMAC, NIKOLA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2019.	100	0,00	
SIGURNJAK, MARIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100	228,00	
SKENDROVIĆ, DINO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	3. 1. 2019.	100	63,25	
SOKOL, IVANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 4. 2018.	100	344,00	
ŠABIĆ RUNJAVEC, MONIKA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 4. 2015.	100	351,36	
ŠOIĆ, IVANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 4. 2018.	100	141,00	
TOLIĆ, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 12. 2017.	100	217,50	
VLAHEK, ANDREJA	Asistent		Prirodoslovno-matematički fakultet	matematika	1. 12. 2017.	100	438,75	
ZAGAJSKI KUČAN, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 4. 2015.	100	227,00	

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u radnim satima radnim (2018./2019.)	Opterećenje na vanjskim institucijama u radnim satima
ZELIĆ, IVANA ELIZABETA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	9. 12. 2019.	100	0,00	
LASIĆ, LUKA	Stručni suradnik	mr. sc.	Prirodoslovno-matematički fakultet	matematika	25. 9. 1995.	100	731,25	
MATIJAŠEC, DORA	Stručni suradnik		Prirodoslovno-matematički fakultet	kemija	1. 2. 2009.	100	818,50	
SOKAČ, TEA	Stručni suradnik		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2019.	100	projekt „TEHNIX“	
VRANJEŠ PENAVALIĆ, NINA	Znanstveni novak – viši asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	29. 12. 2008.	100	0,00	
BIOŠIĆ, MARTINA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 3. 2015.	100	252,50	
BUHIN ŠTURLIĆ, ZRINKA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 12. 2013.	100	137,50	
MEŠČIĆ MACAN ANDRIJANA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	26. 3. 2014.	100	194,00	
NOVAK STANKOV, MIRJANA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 7. 2015.	100	285,00	
ŠALIĆ, ANITA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 7. 2015.	100	135,,	
ANTUNOVIĆ, MAJA	Poslijedoktorand	dr. sc.	Prirodoslovno-matematički fakultet	fizika	1. 11. 2018.	100	projekt HrZZ	
GILJA, VANJA	Poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 1. 2015.	100	135,00 projekt HrZZ	
SHARIFI, TAYEBEH	Poslijedoktorand	dr. sc.	Ministarstvo obrazovanja, istraživanja i tehnologije, Islamska republika Iran	Kemija i fizika	5. 9. 2019.	100	projekt HrZZ	
BAUER, LEONARD	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10. 5. 2017.	100	projekt HrZZ	
BEČ, ANJA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemija	18. 2. 2019.	100	60,00 projekt HrZZ	
CAR, FILIP	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 2. 2019.	100	projekt HrZZ	
GOJUN, MARTIN	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	17. 9. 2018.	100	20,00 projekt HrZZ	
MILČIĆ, NEVENA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 4. 2019.	100	projekt HrZZ	
MUNDA, IVANA KATARINA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 2. 2019.	100	projekt HrZZ	
PEROVIĆ, KLARA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 2. 2019.	100	17,32 projekt HrZZ	
REP, VALENTINA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemija	18. 2. 2019.	100	90,00 projekt HrZZ	



Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u radnim satima radnim (2018./2019.)	Opterećenje na vanjskim institucijama u radnim satima
TOMIĆ, ANTONIJA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 7. 2018.	100	projekt HrZZ	
BERTAGNA SILVA, DANILO	Asistent		Državno Sveučilište u Campinasu	kemija	30. 9. 2019.	100	projekt „NOWELTIES“	
Dela ROSA , FRANCIS	Asistent		Republika Filipini Sveučilište de la Sale, Manila	kemija	27. 9. 2019.	100	projekt „NOWELTIES“	

\* Stanje 31. prosinca 2019.

**Tablica 4.4.** Dinamika zapošljavanja nastavnika u posljednjih pet godina

Godina	Broj novozaposlenih nastavnika	Broj nastavnika kojima je završio radni odnos
2014./2015.	3	1
2015./2016.	2	3
2016./2017.	1	2
2017./2018.	3	0
2018./2019.	7	0

\* Stanje 31. prosinca 2019.

**Tablica 4.5.** Nastavni materijali korišteni u prethodnoj akademskoj godini (2018./2019.)

Naziv studijskog programa	Preddiplomski				Diplomski			
	KI	KIM	EI	PK	KI	KIM	EI	PK
Broj udžbenika napisanih na hrvatskom jeziku	22	12	24	13	26	4	7	13
Broj inozemnih udžbenika prevedenih na hrvatski jezik	3	4	6	8	-	-	-	4
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	3	5	7	5	4
Broj predmeta za koje postoji mrežna stranica s pomoćnim nastavnim materijalima	44	42	43	52	186	52	69	167
Broj predmeta koji se izvode kao e-kolegiji (o – obvezni; i – izborni)	9-o	6-o	7-o	8-o, 5-i	5-o, 4-i	3-o, 3-i	3-o, 4-i	2-o, 9-i
Ukupni broj kolegija na studijskom programu	60	43	53	54	257	72	88	223

**Tablica 5.a.** Popis svih publikacija u 2017., 2018. i 2019. prema WoS-u i SCOPUS-u.

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
1.	Assarian, Arezoo; Martinez, Sanja. Improving polyaspartic anti-corrosion coating protective properties with the use of nano-silica. // <i>Acta chimica Slovenica</i> . <b>65</b> (2018) , 3; 569-577	1,076 (2018.)	0,964 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
2.	Babić, Sandra; Biošić, Martina; Škorić, Irena. Transformation products of pharmaceuticals in the environment: formation and analysis. // <i>Current organic chemistry</i> . <b>22</b> (2018) , 10; 987-1004	2,029 (2018.)	1,913 (2018.)	CHEMISTRY, ORGANIC	Q3	2,066 (2018.)
3.	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> . <b>25</b> (2018) ; 28917-28927	2,914 (2018.)	3,208 (2018.)	ENVIRONMENTAL SCIENCES	Q2	2,245 (2018.)
4.	Baranović, Ivana; Primc, Mirko; Trupčević, Goran. Bases of Feigin–Stoyanovsky’s type subspaces for $C_1^{(1)}$ . // <i>Ramanujan journal</i> . <b>45</b> (2018) , 1; 265-289	1,010 (2018.)	0,863 (2018.)	MATHEMATICS	Q2	0,747 (2018.)
5.	Begović Kovač, Erna; Hari, Vjeran. Jacobi method for symmetric 4x4 matrices converges for every cyclic pivot strategy. // <i>Numerical algorithms</i> . <b>78</b> (2018) , 3; 701-720	2,417 (2018.)	2,189 (2018.)	MATHEMATICS, APPLIED	Q1	1,088 (2018.)
6.	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> . <b>98</b> (2018) , 11; 987-1004	1,267 (2018.)	1,324 (2018.)	CHEMISTRY, ANALYTICAL	Q4	2,193 (2018.)
				ENVIRONMENTAL SCIENCES	Q4	2,245 (2018.)
7.	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> . <b>33</b> (2018) , 1; 271-285	4,027 (2018.)	3,181 (2018.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	2,875 (2018.)
				CHEMISTRY, MEDICINAL	Q1	2,530 (2018.)
8.	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> . <b>143</b> (2018) ; 1616-1634	4,833 (2018.)	4,666 (2018.)	CHEMISTRY, MEDICINAL	Q1	2,530 (2018.)
9.	Bistrović, Andrea; Krstulović, Luka; Stolić, Ivana; Drenjančević, Domagoj; Talapko, Jasminka; Taylor, Martin; Kelly, John; Bajić,	4,027 (2018.)	3,181 (2018.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	2,875 (2018.)

	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> . <b>33</b> (2018), 1; 1323-1334			CHEMISTRY, MEDICINAL	Q1	2,530 (2018.)
10.	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> . <b>18</b> (2018), 12; 924-931	1,936 (2018.)	2,402 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q3	2,452 (2018.)
11.	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 <sub>2</sub> -chitosan layer under UVC and solar irradiation. // <i>Reaction kinetics mechanisms and catalysis</i> . <b>124</b> (2018), 2; 905-930	1,428 (2018.)	1,390 (2018.)	CHEMISTRY, PHYSICAL	Q4	2,492 (2018.)
12.	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> . <b>22</b> (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.)
13.	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> . <b>104</b> (2018); 294-303	1,234 (2018.)	1,290 (2018.)	ENGINEERING, CHEMICAL	Q3	1,942 (2018.)
				WATER RESOURCES	Q3	1,970 (2018.)
14.	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> . <b>25</b> (2018), 6; 565-571	0,614 (2018.)	0,676 (2018.)	CHEMISTRY, APPLIED	Q4	1,649 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
15.	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> . <b>29</b> (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.)
16.	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> . <b>32</b> (2018), 4; 391-400	0,859 (2018.)	1,321 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,452 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
17.	Delač Marion, Ida; Čapeta, Davor; Pielić, Borna; Faraguna, Fabio; Gallardo, Aurelio; Pou, Pablo; Biel, Blanca; Vujičić, Nataša; Kralj, Marko.	3,399 (2018.)	3,403 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,269 (2018.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	2,843 (2018.)

	Atomic-scale defects and electronic properties of a transferred synthesized MoS <sub>2</sub> monolayer. // <i>Nanotechnology</i> . <b>29</b> (2018), 30; 305703-1-305703-12			PHYSICS, APPLIED	Q1	1,872 (2018.)
18.	Dujella, Andrej; Gusić, Ivica; Petričević, Vinko; Tadić, Petra. Strong Eulerian triples. // <i>Glasnik matematički</i> . <b>53</b> (2018), 1; 33-42	0,554 (2018.)	0,626 (2018.)	MATHEMATICS	Q3	0,747 (2018.)
				MATHEMATICS, APPLIED	Q4	1,088 (2018.)
19.	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> . <b>39</b> (2018), 15; 2004-2016	1,918 (2018.)	1,848 (2018.)	ENVIRONMENTAL SCIENCES	Q3	2,245 (2018.)
20.	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> . <b>100</b> (2018); 317-323	1,650 (2018.)	1,627 (2018.)	ENVIRONMENTAL SCIENCES	Q3	2,245 (2018.)
				TOXICOLOGY	Q4	2,649 (2018.)
21.	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> . <b>135</b> (2018), 14; 46113-1-46113-11	2,188 (2018.)	2,069 (2018.)	POLYMER SCIENCE	Q2	1,839 (2018.)
22.	Franjo, Mladen; Šalić, Anita; Zelić, Bruno. Microstructured devices for biodiesel production by transesterification. // <i>Biomass conversion and biorefinery</i> . <b>8</b> (2018), 4; 1005-1020	2,326 (2018.)	-	ENERGY & FUELS	Q3	3,021 (2018.)
				ENGINEERING, CHEMICAL	Q2	1,942 (2018.)
23.	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> . <b>91</b> (2018), 3; 323-334	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
24.	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> . <b>10</b> (2018), 9; 940-1-940-17	3,164 (2018.)	3,542 (2018.)	POLYMER SCIENCE	Q1	1,839 (2018.)
25.	Govorčin Bajsić, Emi; Zdraveva, Emilija. Photooxidative stability of polyurethane/polycarbonate blends. // <i>Chemical and biochemical engineering quarterly</i> . <b>32</b> (2018), 2; 191-203	0,859 (2018.)	1,321 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,452 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
26.	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> . <b>32</b> (2018), 1; 71-81	0,859 (2018.)	1,321 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,452 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
27.	Grčić, Ivana; Papić, Sanja; Brnardić, Ivan. Photocatalytic activity of TiO <sub>2</sub> thin films: kinetic and efficiency study. // <i>International journal of chemical reactor engineering</i> . <b>16</b> (2018), 1; 20160153-1-20160153-19	1,059 (2018.)	1,156 (2018.)	ENGINEERING, CHEMICAL	Q3	1,942 (2018.)

28.	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> . <b>37</b> (2018) , 2; 203-213	0,644 (2018.)	0,652 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
29.	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> . <b>765</b> (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.)
30.	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> . <b>258</b> (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.)
31.	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> . <b>30</b> (2018) , 10; 838-857	1,660 (2018.)	1,313 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,260 (2018.)
32.	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> . <b>30</b> (2018) , 10; 891-900	1,660 (2018.)	1,313 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,260 (2018.)
33.	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> . <b>91</b> (2018) , 4; 491-499	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
34.	Jakovljević, Ivana; Pehnc, Gordana; Vadić, Vladimira; Čačković, Mirjana; Tomašić, Vesna; Doko-Jelinić, Jagoda. Polycyclic aromatic hydrocarbons in PM <sub>10</sub> , PM <sub>2.5</sub> and PM <sub>1</sub> particle fractions in an urban area. // <i>Air quality atmosphere and health</i> . <b>11</b> (2018) ; 843-854	2,297 (2018.)	2,847 (2018.)	ENVIRONMENTAL SCIENCES	Q2	2,245 (2018.)
35.	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 &amp; engineering</i> . <b>6</b> (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.)

36.	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> . <b>37</b> (2018) , 4; 20170024-1-20170024-27	2,875 (2018.)	2,179 (2018.)	CHEMISTRY, ANALYTICAL	Q2	2,193 (2018.)
37.	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> . <b>275</b> (2018) ; 230-236	6,393 (2018.)	5,773 (2018.)	CHEMISTRY, ANALYTICAL	Q1	2,193 (2018.)
				ELECTROCHEMISTRY	Q1	2,611 (2018.)
				INSTRUMENTS & INSTRUMENTATION	Q1	1,977 (2018.)
38.	Kassal, Petar; Steinberg, Matthew D.; Murković Steinberg, Ivana. Wireless chemical sensors and biosensors: a review. // <i>Sensors and actuators. B, Chemical</i> . <b>266</b> (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.)
39.	Katančić, Zvonimir; Gavran, Iva; Smolković, Josipa; Hrnjak-Murčić, ZLata. Fly ash supported photocatalytic nanocomposite poly(3,4-ethylenedioxythiophene)/TiO <sub>2</sub> for azo dye removal under simulated solar irradiation. // <i>Journal of applied polymer science</i> . <b>135</b> (2018) ; 46316-1-46316-12	2,188 (2018.)	2,069 (2018.)	POLYMER SCIENCE	Q2	1,839 (2018.)
40.	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> . <b>13</b> (2018) , 5; 4160-4170	1,284 (2018.)	1,445 (2018.)	ELECTROCHEMISTRY	Q4	2,611 (2018.)
41.	Kopitar, Dragana; Skenderi, Zenun; Matijašić, Gordana. Influence of nonwoven fabric pore sizes on water vapor resistance. // <i>Textile research journal</i> . <b>88</b> (2018) , 12; 1402-1412	1,613 (2018.)	1,808 (2018.)	MATERIALS SCIENCE, TEXTILES	Q1	0,746 (2018.)
42.	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> . <b>205</b> (2018) , 2; 197-206	1,431 (2018.)	1,507 (2018.)	ENGINEERING, CHEMICAL	Q3	1,942 (2018.)
43.	Kovačić, Marin; Katić, Jozefina; Kušić, Hrvoje; Lončarić Božić, Ana; Metikoš Huković, Mirjana. Elucidating the photocatalytic behavior of TiO <sub>2</sub> -SnS <sub>2</sub> composites based on their energy band structure. // <i>Materials</i> . <b>11</b> (2018) , 6; 1041-1-1041-19	2,972 (2018.)	3,532 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,269 (2018.)
44.	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> . <b>361</b> (2018) ; 48-61	3,261 (2018.)	2,915 (2018.)	CHEMISTRY, PHYSICAL	Q2	2,492 (2018.)

45.	Kovačić, Marin; Kopčić, Nina; Kušić, Hrvoje; Štangar, Urška Lavrenčić; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reactivation and reuse of TiO <sub>2</sub> -SnS <sub>2</sub> composite catalyst for solar-driven water treatment. // <i>Environmental science and pollution research</i> . <b>25</b> (2018), 3; 2538-2551	2,914 (2018.)	3,208 (2018.)	ENVIRONMENTAL SCIENCES	Q2	2,245 (2018.)
46.	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) <sub>2</sub> nanostructures. // <i>Journal of alloys and compounds</i> . <b>750</b> (2018); 687-695	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.)
47.	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> . <b>134</b> (2018); 189-198	6,355 (2018.)	6,235 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	2,269 (2018.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,361 (2018.)
48.	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> . <b>105</b> (2018); 142-148	3,355 (2018.)	2,748 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,269 (2018.)
49.	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> . <b>20</b> (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.)
50.	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> . <b>353</b> (2018); 159-170	3,261 (2018.)	2,915 (2018.)	CHEMISTRY, PHYSICAL	Q2	2,492 (2018.)
51.	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> . <b>54</b> (2018); 13216-13219	6,164 (2018.)	5,989 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	2,260 (2018.)
52.	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> . <b>2018</b> (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.)



53.	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> . <b>3</b> (2018) , 7; 7247-7260	2,584 (2018.)	2,548 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,260 (2018.)
54.	Margeta, Dunja; Faraguna, Fabio; Sertić-Bionda, Katica; Jukić, Ante. Modeling of dibenzothiophene oxidative desulfurization using response surface methodology. // <i>Petroleum science and technology</i> . <b>36</b> (2018) , 1; 68-74	1,070 (2018.)	0,873 (2018.)	ENERGY & FUELS	Q4	3,021 (2018.)
				ENGINEERING, CHEMICAL	Q3	1,942 (2018.)
				ENGINEERING, PETROLEUM	Q3	1,070 (2018.)
55.	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 &amp; environmental engineering</i> . <b>53</b> (2018) , 4; 338-351	1,536 (2018.)	1,569 (2018.)	ENGINEERING, ENVIRONMENTAL	Q4	2,770 (2018.)
				ENVIRONMENTAL SCIENCES	Q3	2,245 (2018.)
56.	Marušić, Katarina; Otmačić Ćurković, Helena. Self-assembling monolayers of stearic acid in protection of steel. // <i>Croatica chemica acta</i> . <b>91</b> (2018) , 4; 427-433	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
57.	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> . <b>91</b> (2018) , 4; 435-446	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
58.	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> . <b>91</b> (2018) , 1; 81-88	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
59.	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> . <b>351</b> (2018) ; 124-130	3,261 (2018.)	2,915 (2018.)	CHEMISTRY, PHYSICAL	Q2	2,492 (2018.)
60.	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> . <b>13</b> (2018) , 11; 11136-11149	1,284 (2018.)	1,445 (2018.)	ELECTROCHEMISTRY	Q4	2,611 (2018.)
61.	Milovac, Dajana; Weigand, Ivna; Kovačić, Marin; Ivanković, Marica; Ivanković, Hrvoje. Highly porous hydroxyapatite derived from cuttlefish bone as TiO <sub>2</sub> catalyst support. // <i>Processing and applications of ceramics</i> . <b>12</b> (2018) , 2; 136-142	0,976 (2018.)	1,255 (2018.)	MATERIALS SCIENCE, CERAMICS	Q3	1,044 (2018.)

62.	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> . <b>205</b> (2018) , 3; 411-421	1,431 (2018.)	1,507 (2018.)	ENGINEERING, CHEMICAL	Q3	1,942 (2018.)
63.	Mumelaš, Martina; Otmačić Ćurković, Helena; Mikić; Dajana; Hranjec, Marijana; Cindrić, Maja. Benzimidazole derivatives as copper alloy corrosion inhibitors. // <i>Croatica chemica acta</i> . <b>91</b> (2018) , 4; 513-523	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
64.	Mutavdžić Pavlović, Dragana; Glavač, Antonija; Gluhak, Mihaela; Runje, Mislav. Sorption of albendazole in sediments and soils: isotherms and kinetics. // <i>Chemosphere</i> . <b>193</b> (2018) ; 635-644	5,108 (2018.)	5,089 (2018.)	ENVIRONMENTAL SCIENCES	Q1	2,245 (2018.)
65.	Ocelić Bulatović, Vesna; Mihaljević, Antonia; Govorčin Bajsić, Emi. Mechanical and interfacial properties of compatibilized polyurethane blends. // <i>Polymer engineering and science</i> . <b>58</b> (2018) , 11; 1911-1922	1,920 (2018.)	1,910 (2018.)	ENGINEERING, CHEMICAL	Q3	1,942 (2018.)
				POLYMER SCIENCE	Q2	1,839 (2018.)
66.	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> . <b>32</b> (2018) , 4; 511-522	0,859 (2018.)	1,321 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,452 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
67.	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> . <b>42</b> (2018) ; 7096-7104	3,069 (2018.)	3,038 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,260 (2018.)
68.	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> . <b>31</b> (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.)
69.	Polovina, Saša; Vojtech, Merva; Dejanović, Igor; Grujić, Aleksandar S.; Stijepović, Mirko. Modeling a reaction section of a commercial continuous catalytic reformer. // <i>Energy &amp; fuels</i> . <b>32</b> (2018) , 5; 6378-6396	3,021 (2018.)	3,554 (2018.)	ENERGY & FUELS	Q3	3,021 (2018.)
				ENGINEERING, CHEMICAL	Q2	1,942 (2018.)
70.	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> . <b>57</b> (2018) , 3; 229-241	1,705 (2018.)	-	POLYMER SCIENCE	Q3	1,839 (2018.)
71.	Racané, Livio; Ptiček, Lucija; Sedić, Mirela; Grbčić, Petra; Kraljević Pavelić, Sandra; Bertoša, Branimir; Sović, Irena; Karminski-	2,032 (2018.)	1,995 (2018.)	CHEMISTRY, APPLIED	Q2	1,649 (2018.)

	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> . <b>22</b> (2018), 3; 723-741			CHEMISTRY, MEDICINAL	Q3	2,530 (2018.)
				CHEMISTRY, MULTIDISCIPLINARY	Q3	2,260 (2018.)
72.	Radić, Gabrijela; Šajnović, Ivan; Petrović, Željka; Kraljić Roković, Marijana. Reduced graphene oxide/ $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> fibres as active material for supercapacitor application. // <i>Croatica chemica acta</i> . <b>91</b> (2018), 4; 481-490	0,731 (2018.)	0,978 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
73.	Ratković, Ana; Marinić, Željko; Škorić, Irena. Flow-photochemical synthesis of the functionalized benzobicyclo[3.2.1]octadiene skeleton. // <i>Journal of molecular structure</i> . <b>1168</b> (2018); 165-174	2,120 (2018.)	1,861 (2018.)	CHEMISTRY, PHYSICAL	Q3	2,492 (2018.)
74.	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> . <b>197</b> (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.)
75.	Rešček, Ana; Katančić, Zvonimir; Kratočil Krehula, Ljerka; Ščetar, Mario; Hrnjak-Murđić, 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> . <b>37</b> (2018), 3; 21727-1-21727-6	2,663 (2018.)	1,986 (2018.)	ENGINEERING, CHEMICAL	Q2	1,942 (2018.)
				POLYMER SCIENCE	Q2	1,839 (2018.)
76.	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> . <b>69</b> (2018), 4; 510-518	1,458 (2018.)	1,501 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	2,269 (2018.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,361 (2018.)
77.	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> . <b>8</b> (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.)
78.	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> . <b>53</b> (2018); 15285-15297	3,442 (2018.)	3,021 (2018.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,269 (2018.)
79.	Sander, Aleksandra; Antonije Koščak, Mihael; Kosir, Dominik; Milosavljević, Nikola; Parlov Vuković, Jelena; Magić, Lana.	5,439 (2018.)	5,257 (2018.)	ENERGY & FUELS	Q1	3,021 (2018.)

	The influence of animal fat type and purification conditions on biodiesel quality. // <i>Renewable energy</i> . <b>118</b> (2018) ; 752-760			GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	2,811 (2018.)
80.	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 &amp; medicinal chemistry</i> . <b>26</b> (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.)
81.	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> . <b>32</b> (2018) , 4; 501-510	0,859 (2018.)	1,321 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,452 (2018.)
				ENGINEERING, CHEMICAL	Q4	1,942 (2018.)
82.	Sudar, Martina; Vasić-Rački, Đurđa; Müller, Michael; Walter, Alexandra; Findrik Blažević, Zvezdana. Mathematical model of the MenD-catalyzed 1,4-addition (Stetter Reaction) of $\alpha$ -ketoglutaric acid to acrylonitrile. // <i>Journal of biotechnology</i> . <b>268</b> (2018) ; 71-80	3,163 (2018.)	3,142 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q2	2,452 (2018.)
83.	Šagud, Ivana; Marinić, Željko; Škorić, Irena. Excited state reactions of $\beta$ -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> . <b>1156</b> (2018) ; 182-192	2,120 (2018.)	1,861 (2018.)	CHEMISTRY, PHYSICAL	Q3	2,492 (2018.)
84.	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> . <b>1171</b> (2018) ; 117-126	2,120 (2018.)	1,861 (2018.)	CHEMISTRY, PHYSICAL	Q3	2,492 (2018.)
85.	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> . <b>25</b> (2018) ; 3326-3335	3,029 (2018.)	2,683 (2018.)	CHEMISTRY, ORGANIC	Q2	2,066 (2018.)
86.	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> . <b>28</b> (2018) , 4; 515-524	3,029 (2018.)	2,683 (2018.)	CHEMISTRY, ORGANIC	Q2	2,066 (2018.)
87.	Šagud, Ivana; Škorić, Irena. Photocatalytic oxygenation by water-soluble metalloporphyrins as a pathway to functionalized polycycles. // <i>International journal of photoenergy</i> . <b>2018</b> (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.)
88.	Šagud, Ivana; Škorić, Irena; Šindler-Kulyk, Marija. Excited state transformations of heterostilbenes: pathways to polycyclic skeleta. // <i>Comptes rendus Chimie</i> . <b>21</b> (2018) ; 1043-1052	2,366 (2018.)	2,176 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,260 (2018.)
89.	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> . <b>159</b> (2018) ; 291-295	2,983 (2018.)	3,054 (2018.)	CHEMISTRY, ANALYTICAL	Q2	2,193 (2018.)
				PHARMACOLOGY & PHARMACY	Q2	2,583 (2018.)
90.	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> . <b>47</b> (2018) ; 80-88	3,739 (2018.)	3,949 (2018.)	BIOCHEMICAL RESEARCH METHODS	Q1	2,324 (2018.)
				BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q1	2,452 (2018.)
91.	Šalić, Anita; Zelić, Bruno. Synergy of microtechnology and biotechnology: microreactors as an effective tool for biotransformation processes. // <i>Food technology and biotechnology</i> . <b>56</b> (2018) , 4; 464-479	1,517 (2018.)	1,836 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,452 (2018.)
				FOOD SCIENCE & TECHNOLOGY	Q3	1,720 (2018.)
92.	Šoić, Ivana; Martinez, Sanja; Lipošćak, Ivana; Mikšić, Boris. Development of method for assessing efficiency of organic corrosion inhibitors in concrete reinforcement. // <i>Građevinar</i> . <b>70</b> (2018) , 5; 369-375	0,493 (2018.)	0,635 (2018.)	ENGINEERING, CIVIL	Q4	1,658 (2018.)
93.	Švab, Iztok; Pustak, Anđela; Denac, Matjaž; Sever Škapin, Andrijana; Leskovac, Mirela; Musil, Vojko; Šmit, Ivan. Polypropylene blends with m-EPR copolymers: mechanical and rheological properties. // <i>Acta chimica Slovenica</i> . <b>65</b> (2018) , 2; 344-353	1,076 (2018.)	0,964 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,260 (2018.)
94.	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> . <b>253</b> (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.)
95.	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> . <b>150</b> (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.)
96.	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> . <b>35</b> (2018) , 2; 745-756	0,790 (2018.)	1,548 (2018.)	ENGINEERING, CHEMICAL	Q4	1,942 (2018.)

97.	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> . <b>17</b> (2018), 3; 511-524	1,024 (2018.)	0,811 (2018.)	EDUCATION & EDUCATIONAL RESEARCH	Q3	1,479 (2018.)
98.	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> . <b>41</b> (2018), 6; 793-802	2,371 (2018.)	2,277 (2018.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q3	2,452 (2018.)
				ENGINEERING, CHEMICAL	Q2	1,942 (2018.)
99.	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> . <b>3</b> (2018), 44; 12582-12590	1,716 (2018.)	1,716 (2018.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,260 (2018.)
100.	Zdraveva, Emilija; Mijović, Budimir; Govorčin Bajsić, Emi; Grozdanić, Vedrana. The efficacy of electrospun polyurethane fibers with TiO <sub>2</sub> in a real time weathering condition. // <i>Textile research journal</i> . <b>88</b> (2018), 21; 2445-2453	1,613 (2018.)	1,808 (2018.)	MATERIALS SCIENCE, TEXTILES	Q1	0,746 (2018.)

WoS – 2019.

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection</i> (WoSCC)	IF	Petogodišnji IF	JCR predmetno područje časopisa	Kvart il	Medijan IF
1.	Bistrović Popov, Andrea; Stolić, Ivana; Krstulović, Luka; Taylor, Martin C.; Kelly, John M.; Tomić, Sanja; Tumir, Lidija-Marija; Bajić, Miroslav; Raić-Malić, Silvana. Novel symmetric bis-benzimidazoles: synthesis, DNA/RNA binding and antitrypanosomal activity. // <i>European journal of medicinal chemistry</i> . <b>173</b> (2019), 63-75	5,572 (2019.)	5,207 (2019.)	CHEMISTRY, MEDICINAL	Q1	2,733 (2019.)
2.	Božović, Stojan; Martinez, Sanja; Grudić, Veselinka. A novel environmentally friendly synergistic mixture for steel corrosion inhibition in 0.51 M NaCl. // <i>Acta chimica Slovenica</i> . <b>66</b> (2019); 112-122	1,263 (2019.)	1,123 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,405 (2019.)
3.	Carlotti, Benedetta; Cesaretti, Alessio; Cacioppa, G.; Elisei, Fausto; Odak, Ilijana; Škorić, Irena; Spalletti, Anna. Fluorosolvatochromism and hyperpolarizability of one-arm and two-arms nitro-compounds bearing heterocyclic rings. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . <b>368</b> (2019); 190-199	3,306 (2019.)	3,056 (2019.)	CHEMISTRY, PHYSICAL	Q2	2,845 (2019.)
4.	Cindrić, Maja; Sović, Irena; Mioč, Marija; Hok, Lucija; Boček, Ida; Roškarić, Petra; Butković, Kristina; Martin-Kleiner, Irena; Starčević, Kristina; Vianello, Robert; Kralj, Marijeta; Hranjec, Marijana.	5,014 (2019.)	-	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,167 (2019.)
				CHEMISTRY, MEDICINAL	Q1	2,733 (2019.)

	Experimental and computational study of the antioxidative potential of novel nitro and amino substituted benzimidazole/benzothiazole-2-carboxamides with antiproliferative activity. // <i>Antioxidants</i> . <b>8</b> (2019) , 10; 477, 22			FOOD SCIENCE & TECHNOLOGY	Q1	2,095 (2019.)
5.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Ukić, Šime; Bolanča, Tomislav; Rasulev, Bakhtiyor; Kušić, Hrvoje; Lončarić Božić, Ana. Toxicity of aromatic pollutants and photooxidative intermediates in water: a QSAR study. // <i>Ecotoxicology and environmental safety</i> . <b>169</b> (2019) ; 918-927	4,872 (2019.)	4,966 (2019.)	ENVIRONMENTAL SCIENCES	Q1	2,400 (2019.)
				TOXICOLOGY	Q1	2,789 (2019.)
6.	Cvetnić, Matija; Novak Stankov, Mirjana; Kovačić, Marin; Ukić, Šime; Bolanča, Tomislav; Kušić, Hrvoje; Rasulev, Bakhtiyor; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Key structural features promoting radical driven degradation of emerging contaminants in water. // <i>Environment international</i> . <b>124</b> (2019) ; 38-48	7,577 (2019.)	8,925 (2019.)	ENVIRONMENTAL SCIENCES	Q1	2,400 (2019.)
7.	Česnik, Morana; Sudar, Martina; Roldan, Raquel; Hernandez, Karel; Parella, Teodor; Clapés, Pere; Charnock, Simon; Vasić-Rački, Đurđa; Findrik Blažević, Zvezdana. Model-based optimization of the enzymatic aldol addition of propanal to formaldehyde: a first step towards enzymatic synthesis of 3-hydroxybutyric acid. // <i>Chemical engineering research &amp; design</i> . <b>150</b> (2019) ; 140-152	3,350 (2019.)	3,370 (2019.)	ENGINEERING, CHEMICAL	Q2	2,340 (2019.)
8.	Čizmić, Mirta; Ljubas, Davor; Rožman, Marko; Ašperger, Danijela; Ćurković, Lidija; Babić, Sandra. Photocatalytic degradation of azithromycin by nanostructured TiO <sub>2</sub> film: kinetics, degradation products, and toxicity. // <i>Materials</i> . <b>12</b> (2019) , 6; 873, 16	3,057 (2019.)	3,424 (2019.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,528 (2019.)
9.	Dabić, Dario; Babić, Sandra; Škorić, Irena. The role of photodegradation in the environmental fate of hydroxychloroquine. // <i>Chemosphere</i> . <b>230</b> (2019) ; 268-277	5,778 (2019.)	5,705 (2019.)	ENVIRONMENTAL SCIENCES	Q1	2,400 (2019.)
10.	Dolar, Davor; Racar, Marko; Košutić, Krešimir. Municipal wastewater reclamation and water reuse for irrigation by membrane processes. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 417-425	0,960 (2019.)	1,742 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,503 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
11.	El Assimi, Taha; Blažić, Roko; El Kadib, Abdelkrim; Raihane, Mustapha; Beniazza, Redouane; Luinstra, Gerrit A.; Vidović, Elvira; Lahcini, Mohammed. Synthesis of poly(ε-caprolactone)-grafted guar gum by surface-initiated ring-opening polymerization. // <i>Carbohydrate polymers</i> . <b>220</b> (2019) ; 95-102	7,182 (2019.)	6,890 (2019.)	CHEMISTRY, APPLIED	Q1	1,659 (2019.)
				CHEMISTRY, ORGANIC	Q1	2,171 (2019.)
				POLYMER SCIENCE	Q1	1,812 (2019.)
12.	Fraguna, Fabio; Racar, Marko; Jukić, Ante. Test method for determination of different biodiesels (fatty acid alkyl esters) content in diesel fuel using FTIR-ATR. // <i>Renewable energy</i> . <b>133</b> (2019) ; 1231-1235	6,274 (2019.)	5,964 (2019.)	ENERGY & FUELS	Q1	3,294 (2019.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	3,610 (2019.)

13.	Gilja, Vanja; Katančić, Zvonimir; Kratofil Krehula, Ljerka; Mandić, Vilko; Hrnjak-Murgić, Zlata Efficiency of TiO <sub>2</sub> catalyst supported by modified waste fly ash during photodegradation of RR45 dye. // <i>Science and engineering of composite materials</i> . <b>26</b> (2019) , 1; 292-300	0,700 (2019.)	0,749 (2019.)	MATERIALS SCIENCE, COMPOSITES	Q4	2,093 (2019.)
14.	Gilja, Vanja; Katančić, Zvonimir; Mandić, Vilko; Peternel, Igor; Kušić, Hrvoje; Hrnjak- Murgić, Zlata. The role of fly ash in solar photocatalytic water treatment. // <i>Desalination and water treatment</i> . <b>139</b> (2019) ; 23-38	0,854 (2019.)	1,324 (2019.)	ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
				WATER RESOURCES	Q4	2,012 (2019.)
15.	Gojun, Martin; Pustahija, Lucija; Jurinjak Tušek, Ana; Šalić, Anita; Valinger, Davor; Zelić, Bruno. Kinetic parameter estimation and mathematical modelling of lipase catalysed biodiesel synthesis in a microreactor. // <i>Micromachines</i> . <b>10</b> (2019) ; 759, 18	2,523 (2019.)	2,553 (2019.)	INSTRUMENTS & INSTRUMENTATION	Q2	1,798 (2019.)
				NANOSCIENCE & NANOTECHNOLOGY	Q3	3,384 (2019.)
16.	Grubač, Zoran; Katić, Jozefina; Metikoš-Huković, Mirjana. Energy-band structure as basis for semiconductor n-Bi <sub>2</sub> S <sub>3</sub> /n-Bi <sub>2</sub> O <sub>3</sub> photocatalyst design. // <i>Journal of the electrochemical society</i> . <b>166</b> (2019), 10; H433-H437	3,721 (2019.)	3,719 (2019.)	ELECTROCHEMISTRY	Q2	2,646 (2019.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,433 (2019.)
17.	Grudić, Veselinka; Martinez, Sanja; Knežević, Bojana; Bošković, Ivana. Corrosion inhibition of steel in a sodium chloride solution by natural honey. // <i>Materials testing</i> . <b>61</b> (2019) ; 881-884	0,799 (2019.)	0,695 (2019.)	MATERIALS SCIENCE, CHARACTERIZATION & TESTING	Q4	1,368 (2019.)
18.	Halvorsen, Ivar J.; Dejanović, Igor; Olujić, Žarko; Skogestad, Sigurd. Thermal coupling opportunities for floating naturalgas liquefaction plants. // <i>Chemical engineering research &amp; design</i> . <b>147</b> (2019) ; 346-353	3,350 (2019.)	3,370 (2019.)	ENGINEERING, CHEMICAL	Q2	2,340 (2019.)
19.	Haramina, Tatjana; Fulanović, Lovro; Macan, Jelena. Effect of weathering on dynamic mechanical properties of the multilayer polyamide//ethylene vinyl alcohol copolymer//polyamide//polyethylene film. // <i>Transactions of Famena</i> . <b>43</b> (2019) , 4; 1-16	0,580 (2019.)	0,706 (2019.)	ENGINEERING, MECHANICAL	Q4	2,340 (2019.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	2,528 (2019.)
20.	Harej, Anja; Mešćić Macan, Andrijana; Stepanić, Višnja; Klobučar, Marko; Pavelić, Krešimir; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. The antioxidant and antiproliferative activities of 1,2,3-triazolyl-L-ascorbic acid derivatives. // <i>International journal of molecular sciences</i> . <b>20</b> (2019) , 19; 4735, 26	4,556 (2019.)	4,653 (2019.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,167 (2019.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,405 (2019.)
21.	Herceg, Srečko; Ujević Andrijić, Željka; Bolf, Nenad. Development of soft sensors for isomerization process based on support vector machine regression and dynamic polynomial models. // <i>Chemical engineering research &amp; design</i> . <b>149</b> (2019) ; 95-103	3,350 (2019.)	3,370 (2019.)	ENGINEERING, CHEMICAL	Q2	2,340 (2019.)
22.	Horak, Ema; Robić, Marko; Šimanović, Aleksandra; Mandić, Vilko; Vianello, Robert;	4,613 (2019.)	3,881 (2019.)	CHEMISTRY, APPLIED	Q1	1,659 (2019.)



	Hranjec, Marijana; Murković Steinberg, Ivana. Tuneable solid-state emitters based on benzimidazole derivatives: aggregation induced red emission and mechanochromism of D- $\pi$ -A fluorophores. // <i>Dyes and pigments</i> . <b>162</b> (2019) ; 688-696			ENGINEERING, CHEMICAL	Q1	2,340 (2019.)
				MATERIALS SCIENCE, TEXTILES	Q1	0,907 (2019.)
23.	Ivanišević, Irena; Kassal, Petar; Milinković, Andrea; Rogina, Anamarija; Milardović, Stjepan. Combined chemical and thermal sintering for high conductivity inkjet-printed silver nanoink on flexible substrates. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 377-384	0,960 (2019.)	1,742 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,503 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
24.	Kassal, Petar; Sigurnjak, Marija; Murković Steinberg, Ivana. Paper-based ion-selective optodes for continuous sensing: Reversible potassium ion monitoring. // <i>Talanta</i> . <b>193</b> (2019) ; 51-55	5,339 (2019.)	4,711 (2019.)	CHEMISTRY, ANALYTICAL	Q1	2,198 (2019.)
25.	Katić, Jozefina; Šarić, Ankica; Despotović, Ines; Matijaković, Nives; Petković, Marin; Petrović, Željka. Bioactive coating on titanium dental implants for improved anticorrosion protection: a combined experimental and theoretical study. // <i>Coatings</i> . <b>9</b> (2019) , 10; 612, 14	2,436 (2019.)	2,718 (2019.)	MATERIALS SCIENCE, COATINGS & FILMS	Q2	2,433 (2019.)
26.	Kević, Nives; Radić Brkanac, Sandra; Vincek, Nadica; Peharec-Štefanić, Petra; Faraguna, Fabio; Kovačević, Goran; Kalafatić, Mirjana; Franjević, Damjan. Endosymbiotic green algae in European Hydra strains show quantitative difference on morphological and isoenzyme level. // <i>Symbiosis</i> . <b>77</b> (2019) , 2; 161-175	1,780 (2019.)	1,925 (2019.)	MICROBIOLOGY	Q4	2,975 (2019.)
27.	Kovačić, Marin; Ašperger, Danijela. Low-cost turbidimeter, colorimeter, and nephelometer for the student laboratory. // <i>Journal of chemical education</i> . <b>96</b> (2019) , 11; 2649-2654	1,385 (2019.)	1,452 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,405 (2019.)
				EDUCATION, SCIENTIFIC DISCIPLINES	Q3	1,644 (2019.)
28.	Kratofil Krehula, Ljerka; Stjepanović, Jasmina; Perlog, Martina; Krehula, Stjepko; Gilja, Vanja; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata. Conducting polymer polypyrrole and titanium dioxide nanocomposites for photocatalysis of RR45 dye under visible light. // <i>Polymer bulletin</i> . <b>76</b> (2019) , 4; 1697-1715	2,014 (2019.)	1,936 (2019.)	POLYMER SCIENCE	Q2	1,812 (2019.)
29.	Krehula, Stjepko; Ristić, Mira; Petrović, Željka; Kratofil Krehula, Ljerka; Mitar, Ivana; Musić, Svetozar. Effects of Cu doping on the microstructural, thermal, optical and photocatalytic properties of $\alpha$ -FeOOH and $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> 1D nanoparticles. // <i>Journal of alloys and compounds</i> . <b>802</b> (2019) ; 290-300	4,650 (2019.)	4,082 (2019.)	CHEMISTRY, PHYSICAL	Q2	2,845 (2019.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,528 (2019.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,389 (2019.)
30.	Kristan Mioč, Ekatarina; Otmačić Ćurković, Helena. Corrosion protection by octadecylphosphonic acid in flow conditions. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 395-403	0,960 (2019.)	1,742 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,503 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)

31.	Kučić Grgić, Dajana; Vuković Domanovac, Marija; Domanovac, Tomislav; Šabić, Monika; Cvetnić, Matija; Očelić Bulatović, Vesna. Influence of Bacillus subtilis and Pseudomonas aeruginosa BSW and Clinoptilolite addition on the biowaste composting process. // <i>Arabian journal for science and engineering</i> . <b>44</b> (2019), 6; 5399-5409	1,711 (2019.)	1,474 (2019.)	MULTIDISCIPLINARY SCIENCES	Q3	1,866 (2019.)
32.	Kurajica, Stanislav. A brief review on the use of chelation agents in sol-gel synthesis with emphasis on $\beta$ -diketones and $\beta$ -ketoesters. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019); 295-301	0,960 (2019.)	1,742 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,503 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
33.	Kurajica, Stanislav; Gazivoda Kraljević, Tatjana; Mali, Gregor; Simčić, Ivan; Mandić, Vilko; Minga, Iva. Multinuclear magnetic resonance study on aluminium sec-butoxide chelated with ethyl acetoacetate in various amounts. // <i>Croatica chemica acta</i> . <b>92</b> (2019), 1; 17-28	0,812 (2019.)	0,879 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,405 (2019.)
34.	Kurajica, Stanislav; Mandić, Vilko; Matijašić, Gordana; Munda, Ivana Katarina; Mužina, Katarina. Mechanochemical synthesis of zincite doped with cadmium in various amounts. // <i>Science and engineering of composite materials</i> . <b>26</b> (2019); 482-490	0,700 (2019.)	0,749 (2019.)	MATERIALS SCIENCE, COMPOSITES	Q4	2,093 (2019.)
35.	Kuzmić, Željka; Škorić, Irena; Marinić, Željko; Vuk, Dragana. Synthesis of new furan polycycles via photochemical reaction in neutral and acidic medium. // <i>Journal of molecular structure</i> . <b>1196</b> (2019); 611-618	2,463 (2019.)	2,121 (2019.)	CHEMISTRY, PHYSICAL	Q3	2,845 (2019.)
36.	Lovinčić Milovanović, Vedrana; Hajdinjak, Ivana; Lovriša, Ivona; Vrsaljko, Domagoj. The influence of the dispersed phase on the morphology, mechanical and thermal properties of PLA/PE-LD and PLA/PE-HD polymer blends and their nanocomposites with TiO <sub>2</sub> and CaCO <sub>3</sub> . // <i>Polymer engineering and science</i> . <b>59</b> (2019), 7; 1395-1408	1,917 (2019.)	1,846 (2019.)	ENGINEERING, CHEMICAL	Q3	2,340 (2019.)
				POLYMER SCIENCE	Q2	1,812 (2019.)
37.	Lučić Blagojević, Sanja; Šorgo, Nicol; Buhin Šturlić, Zrinka. Influence of carbon nanotubes on polyamide properties. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019), 3; 337-346	0,960 (2019.)	1,742 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,503 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
38.	Lukač, Goran; Halvorsen, Ivar J.; Olujić, Žarko; Dejanović, Igor. On controllability of a fully thermally coupled four-product dividing wall column. // <i>Chemical engineering research &amp; design</i> . <b>147</b> (2019); 367-377	3,350 (2019.)	3,370 (2019.)	ENGINEERING, CHEMICAL	Q2	2,340 (2019.)
39.	Macan, Jelena; Ivanko, Marina; Bukovčan, Ivana; Grčić, Ivana; Gajović, Andreja. Stable hierarchical ZnO structures for photocatalytic degradation of 2,5-dihydroxybenzoic acid. // <i>Materials science in semiconductor processing</i> . <b>97</b> (2019); 48-55	3,085 (2019.)	2,759 (2019.)	ENGINEERING, ELECTRICAL & ELECTRONIC	Q2	2,204 (2019.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,528 (2019.)
				PHYSICS, APPLIED	Q2	2,168 (2019.)

				PHYSICS, CONDENSED MATTER	Q2	2,361 (2019.)
40.	Maračić, Silvija; Lapić, Jasmina; Djaković, Senka; Opačak-Bernardi, Teuta; Glavaš-Obrovac, Ljubica; Vrček, Valerije; Raić-Malić, Silvana. Quinoline and ferrocene conjugates: Synthesis, computational study and biological evaluations. // <i>Applied organometallic chemistry</i> . <b>33</b> (2019) , 1; e4628, 17	3,140 (2019.)	3,094 (2019.)	CHEMISTRY, APPLIED	Q2	1,659 (2019.)
				CHEMISTRY, INORGANIC & NUCLEAR	Q1	1,943 (2019.)
41.	Marušić, Katarina; Kekez, Krešimir; Martinez, Sanja. Comparison of soil properties measurements in pipeline corrosion estimation. // <i>Materials and corrosion</i> . <b>70</b> (2019) ; 1700-1707	1,533 (2019.)	1,654 (2019.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	2,528 (2019.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,389 (2019.)
42.	Matijašić, Gordana; Gretić, Matija; Kezerić, Kristina; Petanjek, Juraj; Vukelić, Ema. Preparation of filaments and the 3D Printing of dronedarone HCl tablets for treating cardiac arrhythmias. // <i>AAPS Pharmscitech</i> . <b>20</b> (2019) ; 310, 13	2,401 (2019.)	2,703 (2019.)	PHARMACOLOGY & PHARMACY	Q3	2,678 (2019.)
43.	Matijašić, Gordana; Gretić, Matija; Vinčić, Josip; Poropat, Anna; Cuculić, Leo; Rahelić, Tin. Design and 3D printing of multi-compartmental PVA capsules for drug delivery. // <i>Journal of drug delivery science and technology</i> . <b>52</b> (2019) ; 677-686	2,734 (2019.)	2,543 (2019.)	PHARMACOLOGY & PHARMACY	Q2	2,678 (2019.)
44.	Meščić Macan, Andrijana; Gazivoda Kraljević, Tatjana; Raić-Malić, Silvana. Therapeutic perspective of vitamin C and its derivatives. // <i>Antioxidants</i> . <b>8</b> (2019) , 8; 247, 36	5,014 (2019.)	-	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,167 (2019.)
				CHEMISTRY, MEDICINAL	Q1	2,733 (2019.)
				FOOD SCIENCE & TECHNOLOGY	Q1	2,095 (2019.)
45.	Meščić Macan, Andrijana; Harej, Anja; Cazin, Ines; Klobučar, Marko; Stepanić, Višnja; Pavelić, Krešimir; Kraljević Pavelić, Sandra; Schols, Dominique; Snoeck, Robert; Andrei, Graciela; Raić-Malić, Silvana. Antitumor and antiviral activities of 4-substituted 1,2,3-triazolyl-2,3-dibenzyl-L-ascorbic acid derivatives. // <i>European journal of medicinal chemistry</i> . <b>184</b> (2019) ; 111739, 17	5,572 (2019.)	5,207 (2019.)	CHEMISTRY, MEDICINAL	Q1	2,733 (2019.)
46.	Mešić, Vanes; Neumann, Knut; Aviani, Ivica; Hasović, Elvedin; Boone, William J.; Erceg, Nataša; Grubelnik, Vladimir; Sušac, Ana; Salibašić Glamočić, Džana; Karuza, Marin; Vidak, Andrej; Alihodžić, Adis; Repnik, Robert. Measuring students' conceptual understanding of wave optics: A Rasch modeling approach. // <i>Physical review physics education research</i> . <b>15</b> (2019) , 1; 010115, 20	1,811 (2019.)	2,126 (2019.)	EDUCATION & EDUCATIONAL RESEARCH	Q2	1,585 (2019.)
				EDUCATION, SCIENTIFIC DISCIPLINES	Q2	1,644 (2019.)
47.	Mešić, Vanes; Vidak, Andrej; Hasović, Elvedin; Đekić, Maja. University students' ideas about the role of the aperture and laser beam dimensions in formation of diffraction patterns. // <i>European journal of physics</i> . <b>40</b> (2019) , 5; 055701, 24	0,756 (2019.)	0,713 (2019.)	EDUCATION, SCIENTIFIC DISCIPLINES	Q4	1,644 (2019.)
				PHYSICS, MULTIDISCIPLINARY	Q4	1,807 (2019.)

48.	Mihelić-Bogdanić, Alka; Budin, Rajka; Špelić, Ivana. Energy-efficiency improvements in the polyester production. // <i>Proceedings of the institution of civil engineers-Energy</i> . <b>172</b> (2019), 3; 91-104	0,781 (2019.)	1,035 (2019.)	ENERGY & FUELS	Q4	3,294 (2019.)
49.	Mitar, Anamarija; Panić, Manuela; Prlić Kardum, Jasna; Halambek, Jasna; Sander, Aleksandra; Zagajski Kučan, Kristina; Radojčić Redovniković, Ivana; Radošević, Kristina. Physicochemical properties, cytotoxicity, and antioxidative activity of natural deep eutectic solvents containing organic acid. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019), 1; 1-18	0,960 (2019.)	1,742 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,503 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
50.	Mrđa Lalić, Marina; Martinez, Sanja. A novel application of EIS for quantitative coating quality assessment during neutral salt spray testing of high-durability coatings. // <i>Acta chimica Slovenica</i> . <b>66</b> (2019); 513-522	1,263 (2019.)	1,123 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,405 (2019.)
51.	Mujezinović, Adnan; Martinez, Sanja; Kekez, Krešimir. Estimating harmful effect of dynamic stray currents on pipeline by simultaneous multiparametric field measurements, continuous wavelet cross-correlation analysis, and frequency plots. // <i>Materials and corrosion</i> . <b>70</b> (2019), 2; 357-365	1,533 (2019.)	1,654 (2019.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	2,528 (2019.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,389 (2019.)
52.	Musa Trolić, Ines; Serdarević, Nikolina Leona; Todorić, Zrinka; Budimir, Ana; Špalj, Stjepan; Otmačić Čurković, Helena. Corrosion of orthodontic archwires in artificial saliva in the presence of <i>Lactobacillus reuteri</i> . // <i>Surface and coatings technology</i> . <b>370</b> (2019); 44-52	3,784 (2019.)	3,754 (2019.)	MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,433 (2019.)
				PHYSICS, APPLIED	Q1	2,168 (2019.)
53.	Mutavdžić Pavlović, Dragana; Gazivoda Kraljević, Tatjana; Pavić, Romana; Mrđa, Jasna. Determination of anthelmintic pharmaceuticals in wastewater by solid-phase extraction and thin-layer chromatography. // <i>JPC. Journal of planar chromatography, modern TLC</i> . <b>32</b> (2019), 5; 421-429	0,815 (2019.)	0,561 (2019.)	CHEMISTRY, ANALYTICAL	Q4	2,198 (2019.)
54.	Nežić, Igor; Sander, Aleksandra; Meštrović, Ernest; Čavuzić, Dražen. Production of stable amorphous form by means of spray drying. // <i>Particulate science and technology</i> . <b>37</b> (2019), 5; 632-642	1,619 (2019.)	1,544 (2019.)	ENGINEERING, CHEMICAL	Q3	2,340 (2019.)
55.	Novak Jovanović, Ivana; Jadreško, Dijana; Miličević, Ante; Hranjec, Marijana; Perin, Nataša. An electrochemical study on the redox chemistry of cyclic benzimidazole derivatives with potent anticancer activity. // <i>Electrochimica acta</i> . <b>297</b> (2019); 452-462	6,215 (2019.)	5,478 (2019.)	ELECTROCHEMISTRY	Q1	2,646 (2019.)
56.	Očelić Bulatović, Vesna; Kučić Grgić, Dajana; Slouf, Miroslav; Ostafinska, Aleksandra; Dybal, Jiri; Jozinović, Antun. Biodegradability of blends based on aliphatic polyester and thermoplastic starch. // <i>Chemical papers</i> . <b>73</b> (2019), 5; 1121-1134	1,680 (2019.)	1,529 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,405 (2019.)

57.	Ocelić Bulatović, Vesna; Mandić, Lucija; Turković, Anamarija; Kučić Grgić, Dajana; Jozinović, Antun; Zovko, Romana; Govorčin Bajsić, Emi. Environmentally friendly packaging materials based on thermoplastic starch. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019), 3; 347-361	0,960 (2019.)	1,742 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,503 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
58.	Odak, Ilijana; Škorić, Irena; Grbavac, Daria; Ratković, Ana; Šagud, Ivana. Alteration in the chemical composition of immortelle, silver fir and prickly juniper essential oils induced by light. // <i>Acta chimica Slovenica</i> . <b>66</b> (2019); 681-685	1,263 (2019.)	1,123 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,405 (2019.)
59.	Panžić, Ivana; Juraić, Krunoslav; Krstulović, Nikša; Šantić, Ana; Belić, Domagoj; Blažeka, Damjan; Plodinec, Milivoj; Mandić, Vilko; Macan, Jelena; Hammud, Adnan; Ivanov, Danail; Plaisier, Jasper; Willinger, Marc Gregor; Gracin, Davor; Gajović, Andreja. ZnO@TiO <sub>2</sub> core shell nanorod arrays with tailored structural, electrical, and optical properties for photovoltaic application. // <i>Molecules</i> . <b>24</b> (2019); 3965, 18	3,267 (2019.)	3,589 (2019.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,167 (2019.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,405 (2019.)
60.	Pedrazzani, Roberta; Bertanza, Giorgio; Brnardić, Ivan; Cetecioglu, Zeynep; Dries, Jan; Dvarionienė, Jolanta; García-Fernández, Antonio J.; Langenhoff, Alette; Libralato, Giovanni; Lofrano, Guisy; Škrbić, Biljana; Martínez-López, Emma; Meriç, Süreyya; Mutavdžić Pavlović, Dragana; Papa, Matteo; Schröder, Peter; Tsagarakis, Konstantinos P.; Vogelsang, Christian. Opinion paper about organic trace pollutants in wastewater: toxicity assessment in a European perspective. // <i>Science of the total environment</i> . <b>651</b> (2019); 3202-3221	6,551 (2019.)	3,419 (2019.)	ENVIRONMENTAL SCIENCES	Q1	2,400 (2019.)
61.	Pelajić, Maja; Pelajić, Izidor; Mutavdžić Pavlović, Dragana; Vitali Čepo, Dubravka. GC-MS modified quechers method for multiresidue pesticide determination in red wine. // <i>Croatica chemica acta</i> . <b>92</b> (2019), 3; 419-428	0,812 (2019.)	0,879 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,405 (2019.)
62.	Racané, Livio; Butković, Kristina; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana. Synthesis and antiproliferative activity in vitro of amidino substituted 2-phenylbenzazoles. // <i>Croatica chemica acta</i> . <b>92</b> (2019), 2; 181-189	0,812 (2019.)	0,879 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,405 (2019.)
63.	Racar, Marko; Dolar, Davor; Farkaš, Maja; Milčić, Nevena; Špehar, Ana; Košutić, Krešimir Rendering plant wastewater reclamation by coagulation, sand filtration, and ultrafiltration. // <i>Chemosphere</i> . <b>227</b> (2019), 1; 207-215	5,778 (2019.)	5,705 (2019.)	ENVIRONMENTAL SCIENCES	Q1	2,400 (2019.)
64.	Raić, Matea; Sačer, Denis; Kraljić-Roković, Marijana. Structural and capacitive properties of graphene obtained by a green method of graphene oxide reduction. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019), 3; 385-393	0,960 (2019.)	1,742 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,503 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)

65.	Ratković, Ana; Kelava, Vanja; Marinić, Željko; Škorić, Irena. Buchwald-Hartwig amination of the chloro substituted benzobicyclo[3.2.1]octadiene skeleton using primary benzylic amines. // <i>Journal of molecular structure</i> . <b>1179</b> (2019) ; 597-607	2,463 (2019.)	2,121 (2019.)	CHEMISTRY, PHYSICAL	Q3	2,845 (2019.)
66.	Rogina, Anamarija; Antunović, Maja; Milovac, Dajana. Biomimetic design of bone substitutes based on cuttlefish bone-derived hydroxyapatite and biodegradable polymers. // <i>Journal of biomedical materials research. Part B, Applied biomaterials</i> . <b>107</b> (2019) ; 197-204	2,831 (2019.)	2,882 (2019.)	ENGINEERING, BIOMEDICAL	Q2	2,473 (2019.)
				MATERIALS SCIENCE, BIOMATERIALS	Q3	3,358 (2019.)
67.	Rogina, Anamarija; Lončarević, Andrea; Antunović, Maja; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Tuning physicochemical and biological properties of chitosan through complexation with transition metal ions. // <i>International journal of biological macromolecules</i> . <b>129</b> (2019) ; 645-652	5,162 (2019.)	5,137 (2019.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,167 (2019.)
				CHEMISTRY, APPLIED	Q1	1,659 (2019.)
				POLYMER SCIENCE	Q1	1,812 (2019.)
68.	Rogina, Anamarija; Šandrk, Nikolina; Teruel-Biosca, Laura; Antunović, Maja; Ivanković, Marica; Gallego Ferrer, Gloria. Bone-mimicking injectable gelatine/hydroxyapatite hydrogels. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) ; 325-335	0,960 (2019.)	1,742 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,503 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
69.	Rogošić, Marko; Krišto, Anđela; Zagajski Kučan, Kristina. Deep eutectic solvents based on betaine and propylene glycol as potential denitrification agents: a liquid-liquid equilibrium study. // <i>Brazilian journal of chemical engineering</i> . <b>36</b> (2019) , 4; 1703-1716	1,027 (2019.)	1,653 (2019.)	ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
70.	Rogošić, Marko; Zagajski Kučan, Kristina. Deep eutectic solvents based on choline chloride and ethylene glycol as media for extractive denitrification/desulfurization/dearomatization of motor fuels. // <i>Journal of industrial and engineering chemistry</i> . <b>72</b> (2019) ; 87-99	5,728 (2019.)	5,300 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	2,405 (2019.)
				ENGINEERING, CHEMICAL	Q1	2,340 (2019.)
71.	Selmani, Atiđa; Lützenkirchen, Johannes; Kučanda, Kristina; Dabić, Dario; Redel, Engelbert; Delač Marion, Ida; Kralj, Damir; Domazet Jurašin, Darija; Dutour Sikirić, Maja. Tailoring the stability/aggregation of one-dimensional TiO <sub>2</sub> (B)/titanate nanowires using surfactants. // <i>Beilstein journal of nanotechnology</i> . <b>10</b> (2019) ; 1024-1037	2,612 (2019.)	3,148 (2019.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	2,528 (2019.)
				NANOSCIENCE & NANOTECHNOLOGY	Q3	3,384 (2019.)
				PHYSICS, APPLIED	Q2	2,168 (2019.)
72.	Skoko, Božena; Babić, Dinko; Marović, Gordana; Papić, Sanja. Environmental radiological risk assessment of a coal ash and slag disposal site with the use of the ERICA tool. // <i>Journal of environmental radioactivity</i> . <b>208-209</b> (2019) ; 106018, 10	2,161 (2019.)	2,375 (2019.)	ENVIRONMENTAL SCIENCES	Q3	2,400 (2019.)
73.	Sopčić, Suzana; Šešelj, Nedjeljko; Kraljić Roković, Marijana. Influence of supporting electrolyte on the pseudocapacitive properties of MnO <sub>2</sub> /carbon nanotubes. // <i>Journal of solid state electrochemistry</i> . <b>23</b> (2019) ; 205-214	2,646 (2019.)	2,370 (2019.)	ELECTROCHEMISTRY	Q3	2,646 (2019.)

74.	Sović, Irena; Cindrić, Maja; Perin, Nataša; Boček, Ida; Novaković, Irena; Damjanović, Ana; Stanojković, Tatjana; Zlatović, Mario; Hranjec, Marijana; Bertoša, Branimir. Biological potential of novel methoxy and hydroxy substituted heteroaromatic amides designed as promising antioxidative agents: Synthesis, 3D-QSAR analysis and biological activity. // <i>Chemical research in toxicology</i> . <b>32</b> (2019) ; 1880-1892	3,184 (2019.)	3,426 (2019.)	CHEMISTRY, MEDICINAL	Q2	2,733 (2019.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,405 (2019.)
				TOXICOLOGY	Q2	2,789 (2019.)
75.	Stankov, Vladimir; Cvetnić, Matija; Novak Stankov, Mirjana; Rogošić, Marko; Bolanča, Tomislav; Ukić, Šime. Retention modeling of gradient elutions: application of iso-to-grad approach for LC systems with dual-species eluent. // <i>Chromatographia</i> . <b>82</b> (2019) , 749-755	1,596 (2019.)	1,415 (2019.)	BIOCHEMICAL RESEARCH METHODS	Q4	2,624 (2019.)
				CHEMISTRY, ANALYTICAL	Q3	2,198 (2019.)
76.	Stolar, Tomislav; Lukin, Stipe; Tireli, Martina; Sović, Irena; Karadeniz, Bahar; Kereković, Irena; Matijašić, Gordana; Gretić, Matija; Katančić, Zvonimir; Dejanović, Igor; di Michiel, Marco; Halasz, Ivan; Užarević, Krunoslav. Control of pharmaceutical cocrystal polymorphism on various scales by mechanochemistry: transfer from the laboratory batch to the large-scale extrusion processing. // <i>ACS sustainable chemistry &amp; engineering</i> . <b>7</b> (2019) , 7; 7102-7110	7,632 (2019.)	7,741 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	2,405 (2019.)
				ENGINEERING, CHEMICAL	Q1	2,340 (2019.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	3,610 (2019.)
77.	Sudar, Martina; Findrik, Zvezdana; Szekrenyi, Anna; Clapés, Pere; Vasić-Rački, Đurđa Reactor and microreactor performance and kinetics of the aldol addition of dihydroxyacetone to benzyloxycarbonyl-N-3-aminopropanal catalyzed by D-fructose-6-phosphate aldolase variant A129G. // <i>Chemical engineering communications</i> . <b>206</b> (2019) , 7; 927-939	1,802 (2019.)	1,742 (2019.)	ENGINEERING, CHEMICAL	Q3	2,340 (2019.)
78.	Šagud, Ivana; Ratković, Ana; Cedilak, Matea; Zlata, Ivo; Bosnar, Martina; Kelava, Vanja; Škorić, Irena. Antiinflammatory and antiproliferative activity of naphthoxazole, fused heterobenzoxazole and bridged benzobicyclic photoproducts. // <i>Croatia chemica acta</i> , <b>92</b> (2019) , 2; 191-201	0,812 (2019.)	0,879 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,405 (2019.)
79.	Šagud, Ivana; Škorić, Irena; Burčul, Franko. Naphthoxazoles and heterobenzoxazoles: cholinesterase inhibiting and antioxidant activity. // <i>Turkish journal of chemistry</i> . <b>43</b> (2019) ; 118-124	0,981 (2019.)	1,135 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,405 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
80.	Šagud, Ivana; Škorić, Irena; Vuk, Dragana; Ratković, Ana; Burčul, Franko. Acetyl- and butyrylcholinesterase inhibitory activity of selected photochemically synthesized polycycles. // <i>Turkish journal of chemistry</i> . <b>43</b> (2019) ; 1170-1182	0,981 (2019.)	1,135 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	2,405 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
81.	Šoić, Ivana; Martinez, Sanja; Dubravić, Mia. Gel-electrolyte EIS setup used for probing of IR dried/cured industrial coatings. // <i>Progress in organic coatings</i> . <b>137</b> (2019) ; 105331, 11	4,469 (2019.)	4,061 (2019.)	CHEMISTRY, APPLIED	Q1	1,659 (2019.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,433 (2019.)
82.	Švarc, Anera; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa; Szekrenyi, Anna; Fessner, Wolf-Dieter; Charnock, Simon J.; Vrsalović	2,750 (2019.)	2,857 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q2	2,503 (2019.)

	Presečki, Ana. 2-Deoxyribose-5-phosphate aldolase from <i>Thermotoga maritima</i> in the synthesis of a statin side-chain precursor: characterization, modeling and optimization. // <i>Journal of chemical technology and biotechnology</i> . <b>94</b> (2019) , 6; 1832-1842			CHEMISTRY, MULTIDISCIPLINARY	Q2	2,405 (2019.)
				ENGINEERING, CHEMICAL	Q2	2,340 (2019.)
				ENGINEERING, ENVIRONMENTAL	Q3	2,771 (2019.)
83.	Tišma, Marina; Tadić, Toma; Budžaki, Sandra; Ostojić, Marta; Šalić, Anita; Zelić, Bruno; Tran, Nghiep Nam; Ngothai, Yung; Hessel, Volker. Lipase production by solid-state cultivation of <i>Thermomyces lanuginosus</i> on by-products from cold-pressing oil production. // <i>Processes</i> . <b>7</b> (2019) , 7; 465, 12	2,753 (2019.)	-	ENGINEERING, CHEMICAL	Q2	2,340 (2019.)
84.	Tolić, Kristina; Mutavdžić Pavlović, Dragana; Židanić, Dolores; Runje, Mislav. Nitrofurantoin in sediment and soils: sorption, isotherms and kinetics. // <i>Science of the total environment</i> . <b>681</b> (2019) ; 9-17	6,551 (2019.)	6,419 (2019.)	ENVIRONMENTAL SCIENCES	Q1	2,400 (2019.)
85.	Tomaz, Ivana; Šikuten, Iva; Preiner, Darko; Andabaka, Željko; Huzanić, Nera; Lesković, Matija; Karoglan Kontić, Jasminka; Ašperger, Danijela. Stability of polyphenolic extracts from red grape skins after thermal treatments. // <i>Chemical papers</i> . <b>73</b> (2019) , 1; 195-203	1,680 (2019.)	1,529 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,405 (2019.)
86.	Ukić, Šime; Sigurnjak, Marija; Cvetnić, Matija; Markić, Marinko; Novak Stankov, Mirjana; Rogošić, Marko; Rasulev, Bakhtiyor; Lončarić Božić, Ana; Kušić, Hrvoje; Bolanča, Tomislav. Toxicity of pharmaceuticals in binary mixtures: assessment by additive and non-additive toxicity models. // <i>Ecotoxicology and environmental safety</i> . <b>185</b> (2019) ; 109696, 9	4,872 (2019.)	4,966 (2019.)	ENVIRONMENTAL SCIENCES	Q1	2,400 (2019.)
				TOXICOLOGY	Q1	2,789 (2019.)
87.	Vidak, Andrej; Odžak, Senad; Mešić, Vanes. Teaching about thermal expansion: investigating the effectiveness of a cognitive bridging approach. // <i>Research in science &amp; technological education</i> . <b>37</b> (2019) ; 324-345	1,111 (2019.)	1,333 (2019.)	EDUCATION & EDUCATIONAL RESEARCH	Q3	1,585 (2019.)
88.	Vidović, Elvira; Faraguna, Fabio; Jukić, Ante. Miscibility and properties of low molecular mass Poly(L-lactide) and Poly(methyl methacrylate) blends. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 363-376	0,960 (2019.)	1,742 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,503 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
89.	Vrsalović, Mislav; Vrsalović Presčki, Ana. Admission C-reactive protein and outcomes in acute aortic dissection: a systematic review. // <i>Croatian medical journal</i> . <b>60</b> (2019) ; 309-315	1,247 (2019.)	1,508 (2019.)	MEDICINE, GENERAL & INTERNAL	Q3	1,681 (2019.)
90.	Vuk, Dragana; Horváth, Ottó; Škorić, Irena. New functionalized polycycles obtained by photocatalytic oxygenation using Mn(III) porphyrins in basic media. // <i>Catalysts</i> . <b>9</b> (2019) ; 304, 12	3,520 (2019.)	3,708 (2019.)	CHEMISTRY, PHYSICAL	Q2	2,845 (2019.)
91.	Vuković Domanovac, Marija; Šabić Runjavec, Monika; Meštrović, Ernest. Bioaugmentation effect of <i>Aeromonas hydrophila</i> and <i>Pseudomonas putida</i> on kinetics of activated sludge process in treating	2,750 (2019.)	2,857 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q2	2,503 (2019.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,405 (2019.)



	pharmaceutical industrial wastewater. // <i>Journal of chemical technology and biotechnology</i> . <b>94</b> (2019) , 8; 2721-2728			ENGINEERING, CHEMICAL	Q2	2,340 (2019.)
				ENGINEERING, ENVIRONMENTAL	Q3	2,771 (2019.)
92.	Zagajski Kučan, Kristina; Rogošić, Marko. Purification of motor fuels by means of extraction using deep eutectic solvent based on choline chloride and glycerol. // <i>Journal of chemical technology and biotechnology</i> . <b>94</b> (2019) , 4; 1282-1293	2,750 (2019.)	2,857 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q2	2,503 (2019.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,405 (2019.)
				ENGINEERING, CHEMICAL	Q2	2,340 (2019.)
				ENGINEERING, ENVIRONMENTAL	Q3	2,771 (2019.)
93.	Zdraveva, Emilija; Mijović, Budimir; Govorčin Bajsić, Emi; Slivac, Igor; Holjevac Grgurić, Tamara; Tomljenović, Antoneta; Zubin Ferri, Tea; Ujčić, Massimo. Electrospun PCL/cefuroxime scaffolds with custom tailored topography. // <i>Journal of experimental nanoscience</i> . <b>14</b> (2019) , 1; 41-55	2,169 (2019.)	2,240 (2019.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,405 (2019.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	2,528 (2019.)
				NANOSCIENCE & NANOTECHNOLOGY	Q3	3,384 (2019.)
				PHYSICS, APPLIED	Q2	2,168 (2019.)
94.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Flux decline study of tubular ceramic and flat sheet UF membranes in textile wastewater treatment. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 405-415	0,960 (2019.)	1,742 (2019.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,503 (2019.)
				ENGINEERING, CHEMICAL	Q4	2,340 (2019.)
95.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Performance evaluation of different membrane types in the textile mercerization wastewater treatment. // <i>Water and environment journal</i> . <b>33</b> (2019) , 2; 203-213	1,426 (2019.)	1,464 (2019.)	ENVIRONMENTAL SCIENCES	Q4	2,400 (2019.)
				LIMNOLOGY	Q3	1,459 (2019.)
				WATER RESOURCES	Q3	2,012 (2019.)

#### SCOPUS – 2018.

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	Znanstveno područje časopisa prema Scopusu (Subject Area)
1.	Assarian, Arezoo; Martinez, Sanja. Improving polyaspartic anti-corrosion coating protective properties with the use of nano-silica. // <i>Acta chimica Slovenica</i> . <b>65</b> (2018) , 3; 569-577	1,076 (2018.)	Chemistry
2.	Babić, Sandra; Biošić, Martina; Škorić, Irena. Transformation products of pharmaceuticals in the environment: formation and analysis. // <i>Current organic chemistry</i> . <b>22</b> (2018) , 10; 987-1004	2,029 (2018.)	Chemistry
3.	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> . <b>25</b> (2018) ; 28917-28927	2,914 (2018.)	Environmental Science Medicine
4.	Baranović, Ivana; Primc, Mirko; Trupčević, Goran. Bases of Feigin–Stoyanovsky's type subspaces for $C_1^1(1)$ . // <i>Ramanujan journal</i> . <b>45</b> (2018) , 1; 265-289	1,010 (2018.)	Mathematics
5.	Bedoić, Robert; Filipan, Veljko. Heating performance analysis of a geothermal heat pump working with	-	Energy

	different zeotropic and azeotropic mixtures. // <i>Journal of sustainable development of energy, water and environment systems</i> . <b>6</b> (2018) , 2; 240-253		Environmental Science
6.	Begović Kovač, Erna; Hari, Vjeran. Jacobi method for symmetric 4x4 matrices converges for every cyclic pivot strategy. // <i>Numerical algorithms</i> . <b>78</b> (2018) , 3; 701-720	2,417 (2018.)	Mathematics
7.	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> . <b>98</b> (2018) , 11; 987-1004	1,267 (2018.)	Environmental Science Chemistry Medicine Agricultural and Biological Sciences
8.	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> . <b>33</b> (2018) , 1; 271-285	4,027 (2018.)	Pharmacology, Toxicology and Pharmaceutics Medicine
9.	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> . <b>143</b> (2018) ; 1616-1634	4,833 (2018.)	Pharmacology, Toxicology and Pharmaceutics Chemistry Medicine
10.	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> . <b>33</b> (2018) , 1; 1323-1334	4,027 (2018.)	Pharmacology, Toxicology and Pharmaceutics Medicine
11.	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> . <b>18</b> (2018) , 12; 924-931	1,936 (2018.)	Environmental Science Chemical Engineering Biochemistry, Genetics and Molecular Biology
12.	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 <sub>2</sub> -chitosan layer under UVC and solar irradiation. // <i>Reaction kinetics mechanisms and catalysis</i> . <b>124</b> (2018) , 2; 905-930	1,428 (2018.)	Chemical Engineering Chemistry
13.	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> . <b>22</b> (2018) , 3; 637-646	2,032 (2018.)	Chemical Engineering Chemistry Biochemistry, Genetics and Molecular Biology Pharmacology, Toxicology and Pharmaceutics Medicine Computer Science
14.	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> . <b>104</b> (2018) ; 294-303	1,234 (2018.)	Engineering Environmental Science
15.	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> . <b>25</b> (2018) , 6; 565-571	0,614 (2018.)	Chemical Engineering Chemistry
16.	Dabić, Dario; Brkljačić, Lidija, Tandarić, Tana; Žinić, Mladen; Vianello, Robert; Frkanec, Leo; Kobetić, Renata.	3,202 (2018.)	Chemistry

	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> . <b>29</b> (2018) , 1; 103-113		Biochemistry, Genetics and Molecular Biology
17.	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> . <b>32</b> (2018) , 4; 391-400	0,859 (2018.)	Chemical Engineering Chemistry Biochemistry, Genetics and Molecular Biology
18.	Delač Marion, Ida; Čapeta, Davor; Pelić, Bornja; Faraguna, Fabio; Gallardo, Aurelio; Pou, Pablo; Biel, Blanca; Vujičić, Nataša; Kralj, Marko. Atomic-scale defects and electronic properties of a transferred synthesized MoS <sub>2</sub> monolayer. // <i>Nanotechnology</i> . <b>29</b> (2018) , 30; 305703-1-305703-12	3,399 (2018.)	Chemical Engineering Chemistry Engineering Materials Science
19.	Dujella, Andrej; Gusić, Ivica; Petričević, Vinko; Tadić, Petra. Strong Eulerian triples. // <i>Glasnik matematički</i> . <b>53</b> (2018) , 1; 33-42	0,554 (2018.)	Mathematics
20.	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> . <b>39</b> (2018) , 15; 2004-2016	1,918 (2018.)	Environmental Science Medicine
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R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	Znanstveno područje časopisa prema Scopusu (Subject Area)
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51.	Mihelić-Bogdanić, Alka; Budin, Rajka; Špelić, Ivana. Energy-efficiency improvements in the polyester production. // <i>Proceedings of the institution of civil engineers-Energy</i> . <b>172</b> (2019), 3; 91-104	0,781 (2019.)	Energy
52.	Mitar, Anamarija; Panić, Manuela; Prlić Kardum, Jasna; Halambek, Jasna; Sander, Aleksandra; Zagajski Kučan, Kristina; Radojčić Redovniković, Ivana; Radošević, Kristina. Physicochemical properties, cytotoxicity, and antioxidative activity of natural deep eutectic solvents containing organic acid. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019), 1; 1-18	0,960 (2019.)	Chemistry
			Chemical Engineering
			Biochemistry, Genetics and Molecular Biology
53.	Mrđa Lalić, Marina; Martinez, Sanja. A novel application of EIS for quantitative coating quality assessment during neutral salt spray testing of high-durability coatings. // <i>Acta chimica Slovenica</i> . <b>66</b> (2019); 513-522	1,263 (2019.)	Chemistry
54.	Mujezinović, Adnan; Martinez, Sanja; Kekez, Krešimir. Estimating harmful effect of dynamic stray currents on pipeline by simultaneous multiparametric field measurements, continuous wavelet cross-correlation analysis, and frequency plots. // <i>Materials and corrosion</i> . <b>70</b> (2019), 2; 357-365	1,533 (2019.)	Engineering
			Materials Science
			Environmental Science
55.	Musa Trolić, Ines; Serdarević, Nikolina Leona; Todorić, Zrinka; Budimir, Ana; Špalj, Stjepan; Otmačić Ćurković, Helena. Corrosion of orthodontic archwires in artificial saliva in the presence of <i>Lactobacillus reuteri</i> . // <i>Surface and coatings technology</i> . <b>370</b> (2019); 44-52	3,784 (2019.)	Materials Science
			Physics and Astronomy
			Chemistry
56.	Mutavdžić Pavlović, Dragana; Gazivoda Kraljević, Tatjana; Pavić, Romana; Mrđa, Jasna. Determination of anthelmintic pharmaceuticals in wastewater by solid-phase extraction and thin-layer chromatography. // <i>JPC. Journal of planar chromatography, modern TLC</i> . <b>32</b> (2019), 5; 421-429	0,815 (2019.)	Chemistry
			Biochemistry, Genetics and Molecular Biology
57.	Nežić, Igor; Sander, Aleksandra; Meštrović, Ernest; Čavuzić, Dražen. Production of stable amorphous form by means of spray drying. // <i>Particulate science and technology</i> . <b>37</b> (2019), 5; 632-642	1,619 (2019.)	Chemical Engineering
58.	Novak Jovanović, Ivana; Jadreško, Dijana; Miličević, Ante; Hranjec, Marijana; Perin, Nataša. An electrochemical study on the redox chemistry of cyclic benzimidazole derivatives with potent anticancer activity. // <i>Electrochimica acta</i> . <b>297</b> (2019); 452-462	6,215 (2019.)	Chemistry
			Chemical Engineering
59.	Očelić Bulatović, Vesna; Kučić Grgić, Dajana; Slouf, Miroslav; Ostafinska, Aleksandra; Dybal, Jiri; Jozinović, Antun. Biodegradability of blends based on aliphatic polyester and thermoplastic starch. // <i>Chemical papers</i> . <b>73</b> (2019), 5; 1121-1134	1,680 (2019.)	Engineering
			Chemical Engineering
			Materials Science
			Chemistry
			Biochemistry, Genetics and Molecular Biology
60.	Očelić Bulatović, Vesna; Mandić, Lucija; Turković, Anamarija; Kučić Grgić, Dajana; Jozinović, Antun; Zovko, Romana; Govorčin Bajsić, Emi. Environmentally friendly packaging materials based on thermoplastic starch. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019), 3; 347-361	0,960 (2019.)	Chemistry
			Chemical Engineering
			Biochemistry, Genetics and Molecular Biology
61.	Odak, Ilijana; Škorić, Irena; Grbavac, Daria; Ratković, Ana; Šagud, Ivana. Alteration in the chemical composition of immortelle, silver fir and prickly juniper essential oils induced by light. // <i>Acta chimica Slovenica</i> . <b>66</b> (2019); 681-685	1,263 (2019.)	Chemistry
62.	Panžić, Ivana; Juraić, Krunoslav; Krstulović, Nikša; Šantić, Ana; Belić, Domagoj; Blažeka, Damjan; Plodinec, Milivoj; Mandić, Vilko; Macan, Jelena; Hammud, Adnan; Ivanov, Danail; Plaisier, Jasper; Willinger, Marc Gregor; Gracin, Davor; Gajović, Andreja. ZnO@TiO <sub>2</sub> core shell nanorod arrays with tailored structural, electrical, and optical properties for photovoltaic application. // <i>Molecules</i> . <b>24</b> (2019); 3965, 18	3,267 (2019.)	Pharmacology, Toxicology and Pharmaceutics
			Chemistry
			Biochemistry, Genetics and Molecular Biology

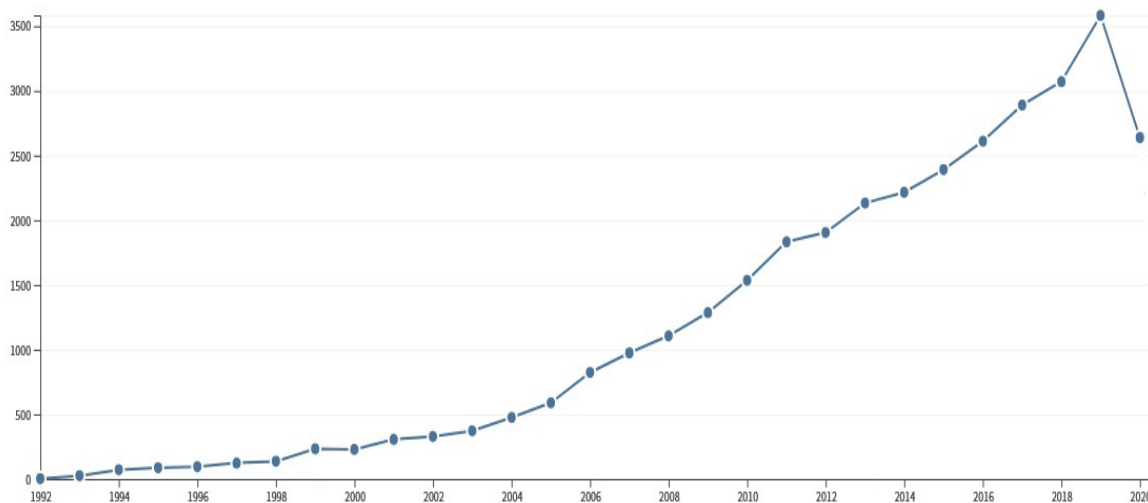
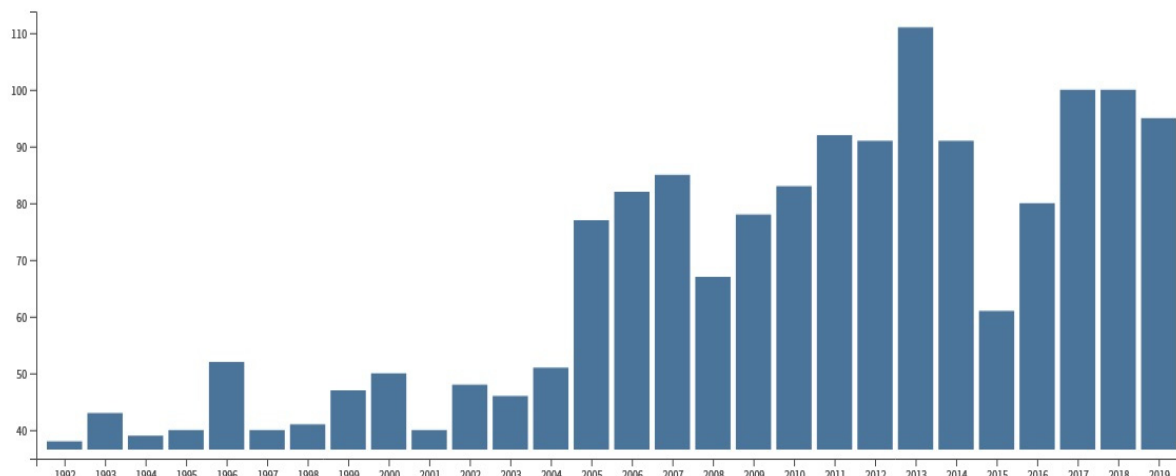
63.	Pedrazzani, Roberta; Bertanza, Giorgio; Brnardić, Ivan; Cetecioglu, Zeynep; Dries, Jan; Dvarionienė, Jolanta; García-Fernández, Antonio J.; Langenhoff, Alette; Libralato, Giovanni; Lofrano, Guisy; Škrbić, Biljana; Martínez-López, Emma; Meriç, Süreyya; Mutavdžić Pavlović, Dragana; Papa, Matteo; Schröder, Peter; Tsagarakis, Konstantinos P.; Vogelsang, Christian. Opinion paper about organic trace pollutants in wastewater: toxicity assessment in a European perspective. // <i>Science of the total environment</i> . <b>651</b> (2019) ; 3202-3221	6,551 (2019.)	Environmental Science
64.	Pelajić, Maja; Pelajić, Izidor; Mutavdžić Pavlović, Dragana; Vitali Čepo, Dubravka. GC-MS modified quechers method for multiresidue pesticide determination in red wine. // <i>Croatica chemica acta</i> . <b>92</b> (2019) , 3; 419-428	0,812 (2019.)	Chemistry
65.	Racané, Livio; Butković, Kristina; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana. Synthesis and antiproliferative activity in vitro of amidino substituted 2-phenylbenzazoles. // <i>Croatica chemica acta</i> . <b>92</b> (2019) , 2; 181-189	0,812 (2019.)	Chemistry
66.	Racar, Marko; Dolar, Davor; Farkaš, Maja; Milčić, Nevena; Špehar, Ana; Košutić, Krešimir Rendering plant wastewater reclamation by coagulation, sand filtration, and ultrafiltration. // <i>Chemosphere</i> . <b>227</b> (2019) , 1; 207-215	5,778 (2019.)	Medicine
			Chemistry
			Environmental Science
67.	Raić, Matea; Sačer, Denis; Kraljić-Roković, Marijana. Structural and capacitive properties of graphene obtained by a green method of graphene oxide reduction. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 385-393	0,960 (2019.)	Chemistry
			Chemical Engineering
			Biochemistry, Genetics and Molecular Biology
68.	Ratković, Ana; Kelava, Vanja; Marinić, Željko; Škorić, Irena. Buchwald-Hartwig amination of the chloro substituted benzobicyclo[3.2.1]octadiene skeleton using primary benzylic amines. // <i>Journal of molecular structure</i> . <b>1179</b> (2019) ; 597-607	2,463 (2019.)	Chemistry
69.	Rogina, Anamarija; Antunović, Maja; Milovac, Dajana. Biomimetic design of bone substitutes based on cuttlefish bone-derived hydroxyapatite and biodegradable polymers. // <i>Journal of biomedical materials research. Part B, Applied biomaterials</i> . <b>107</b> (2019) ; 197-204	2,831 (2019.)	Engineering
			Materials Science
70.	Rogina, Anamarija; Lončarević, Andrea; Antunović, Maja; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Tuning physicochemical and biological properties of chitosan through complexation with transition metal ions. // <i>International journal of biological macromolecules</i> . <b>129</b> (2019) ; 645-652	5,162 (2019.)	Biochemistry, Genetics and Molecular Biology
			Energy
			Economics, Econometrics and Finance
71.	Rogina, Anamarija; Šandrk, Nikolina; Teruel-Biosca, Laura; Antunović, Maja; Ivanković, Marica; Gallego Ferrer, Gloria. Bone-mimicking injectable gelatine/hydroxyapatite hydrogels. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) ; 325-335	0,960 (2019.)	Chemistry
			Chemical Engineering
			Biochemistry, Genetics and Molecular Biology
72.	Rogošić, Marko; Krišto, Anđela; Zagajski Kučan, Kristina. Deep eutectic solvents based on betaine and propylene glycol as potential denitrification agents: a liquid-liquid equilibrium study. // <i>Brazilian journal of chemical engineering</i> . <b>36</b> (2019) , 4; 1703-1716	1,027 (2019.)	Chemical Engineering
73.	Rogošić, Marko; Zagajski Kučan, Kristina. Deep eutectic solvents based on choline chloride and ethylene glycol as media for extractive denitrification/desulfurization/dearomatization of motor fuels. // <i>Journal of industrial and engineering chemistry</i> . <b>72</b> (2019) ; 87-99	5,728 (2019.)	Chemical Engineering
74.	Selmani, Atiđa; Lützenkirchen, Johannes; Kučanda, Kristina; Dabić, Dario; Redel, Engelbert; Delač Marion, Ida; Kralj, Damir; Domazet Jurašin, Darija; Dutour Sikirić, Maja. Tailoring the stability/aggregation of one-dimensional TiO <sub>2</sub> (B)/titanate nanowires using surfactants. // <i>Beilstein journal of nanotechnology</i> . <b>10</b> (2019) ; 1024-1037	2,612 (2019.)	Physics and Astronomy
			Engineering
			Materials Science

75.	Skoko, Božena; Babić, Dinko; Marović, Gordana; Papić, Sanja. Environmental radiological risk assessment of a coal ash and slag disposal site with the use of the ERICA tool. // <i>Journal of environmental radioactivity</i> . <b>208-209</b> (2019) ; 106018, 10	2,161 (2019.)	Environmental Science
76.	Sopčić, Suzana; Šešelj, Nedjeljko; Kraljić Roković, Marijana. Influence of supporting electrolyte on the pseudocapacitive properties of MnO <sub>2</sub> /carbon nanotubes. // <i>Journal of solid state electrochemistry</i> . <b>23</b> (2019) ; 205-214	2,646 (2019.)	Engineering Physics and Astronomy Materials Science Chemistry
77.	Sović, Irena; Cindrić, Maja; Perin, Nataša; Boček, Ida; Novaković, Irena; Damjanović, Ana; Stanojković, Tatjana; Zlatović, Mario; Hranjec, Marijana; Bertoša, Branimir. Biological potential of novel methoxy and hydroxy substituted heteroaromatic amides designed as promising antioxidative agents: Synthesis, 3D-QSAR analysis and biological activity. // <i>Chemical research in toxicology</i> . <b>32</b> (2019) ; 1880-1892	3,184 (2019.)	Pharmacology, Toxicology and Pharmaceutics
78.	Stankov, Vladimir; Cvetnić, Matija; Novak Stankov, Mirjana; Rogošić, Marko; Bolanča, Tomislav; Ukić, Šime. Retention modeling of gradient elutions: application of iso-to-grad approach for LC systems with dual-species eluent. // <i>Chromatographia</i> . <b>82</b> (2019) , 749-755	1,596 (2019.)	Chemistry Biochemistry, Genetics and Molecular Biology
79.	Stolar, Tomislav; Lukin, Stipe; Tireli, Martina; Sović, Irena; Karadeniz, Bahar; Kereković, Irena; Matijašić, Gordana; Gretić, Matija; Katančić, Zvonimir; Dejanović, Igor; di Michiel, Marco; Halasz, Ivan; Užarević, Krunoslav. Control of pharmaceutical cocrystal polymorphism on various scales by mechanochemistry: transfer from the laboratory batch to the large-scale extrusion processing. // <i>ACS sustainable chemistry &amp; engineering</i> . <b>7</b> (2019) , 7; 7102-7110	7,632 (2019.)	Chemical Engineering Chemistry Environmental Science Energy
80.	Sudar, Martina; Findrik, Zvezdana; Szekrenyi, Anna; Clapés, Pere; Vasić-Rački, Đurđa Reactor and microreactor performance and kinetics of the aldol addition of dihydroxyacetone to benzyloxycarbonyl-N-3-aminopropanal catalyzed by D-fructose-6-phosphate aldolase variant A129G. // <i>Chemical engineering communications</i> . <b>206</b> (2019) , 7; 927-939	1,802 (2019.)	Chemical Engineering Chemistry
81.	Šagud, Ivana; Ratković, Ana; Cedilak, Matea; Zlatar, Ivo; Bosnar, Martina; Kelava, Vanja; Škorić, Irena. Antiinflammatory and antiproliferative activity of naphthoxazole, fused hetero-benzoxazole and bridged benzobicyclic photoproducts. // <i>Croatica chemica acta</i> , <b>92</b> (2019) , 2; 191-201	0,812 (2019.)	Chemistry
82.	Šagud, Ivana; Škorić, Irena; Burčul, Franko. Naphthoxazoles and heterobenzoxazoles: cholinesterase inhibiting and antioxidant activity. // <i>Turkish journal of chemistry</i> . <b>43</b> (2019) ; 118-124	0,981 (2019.)	Chemistry
83.	Šagud, Ivana; Škorić, Irena; Vuk, Dragana; Ratković, Ana; Burčul, Franko. Acetyl- and butyrylcholinesterase inhibitory activity of selected photochemically synthesized polycycles. // <i>Turkish journal of chemistry</i> . <b>43</b> (2019) ; 1170-1182	0,981 (2019.)	Chemistry
84.	Šoić, Ivana; Martinez, Sanja; Dubravić, Mia. Gel-electrolyte EIS setup used for probing of IR dried/cured industrial coatings. // <i>Progress in organic coatings</i> . <b>137</b> (2019) ; 105331, 11	4,469 (2019.)	Materials Science Chemical Engineering Chemistry
85.	Švarc, Anera; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa; Szekrenyi, Anna; Fessner, Wolf-Dieter; Charnock, Simon J.; Vrsalović Presečki, Ana. 2-Deoxyribose-5-phosphate aldolase from <i>Thermotoga maritima</i> in the synthesis of a statin side-chain precursor: characterization, modeling and optimization. // <i>Journal of chemical technology and biotechnology</i> . <b>94</b> (2019) , 6; 1832-1842	2,750 (2019.)	Chemical Engineering Chemistry Environmental Science Energy Biochemistry, Genetics and Molecular Biology



86.	Tišma, Marina; Tadić, Toma; Budžaki, Sandra; Ostožić, Marta; Šalić, Anita; Zelić, Bruno; Tran, Nghiep Nam; Ngothai, Yung; Hessel, Volker. Lipase production by solid-state cultivation of <i>Thermomyces lanuginosus</i> on by-products from cold-pressing oil production. // <i>Processes</i> . <b>7</b> (2019) , 7; 465, 12	2,753 (2019.)	Chemical Engineering
87.	Tolić, Kristina; Mutavdžić Pavlović, Dragana; Židanić, Dolores; Runje, Mislav. Nitrofurantoin in sediment and soils: sorption, isotherms and kinetics. // <i>Science of the total environment</i> . <b>681</b> (2019) ; 9-17	6,551 (2019.)	Environmental Science
88.	Tomaz, Ivana; Šikuten, Iva; Preiner, Darko; Andabaka, Željko; Huzanić, Nera; Lesković, Matija; Karoglan Kontić, Jasminka; Ašperger, Danijela. Stability of polyphenolic extracts from red grape skins after thermal treatments. // <i>Chemical papers</i> . <b>73</b> (2019) , 1; 195-203	1,680 (2019.)	Engineering Chemical Engineering Materials Science Chemistry Biochemistry, Genetics and Molecular Biology
89.	Ukić, Šime; Sigurnjak, Marija; Cvetnić, Matija; Markić, Marinko; Novak Stankov, Mirjana; Rogošić, Marko; Rasulev, Bakhtiyor; Lončarić Božić, Ana; Kušić, Hrvoje; Bolanča, Tomislav. Toxicity of pharmaceuticals in binary mixtures: assessment by additive and non-additive toxicity models. // <i>Ecotoxicology and environmental safety</i> . <b>185</b> (2019) ; 109696, 9	4,872 (2019.)	Medicine Environmental Science
90.	Vidak, Andrej; Odžak, Senad; Mešić, Vanes. Teaching about thermal expansion: investigating the effectiveness of a cognitive bridging approach. // <i>Research in science &amp; technological education</i> . <b>37</b> (2019) ; 324-345	1,111 (2019.)	Social Sciences
91.	Vidović, Elvira; Faraguna, Fabio; Jukić, Ante. Miscibility and properties of low molecular mass Poly(L-lactide) and Poly(methyl methacrylate) blends. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 363-376	0,960 (2019.)	Chemistry Chemical Engineering Biochemistry, Genetics and Molecular Biology
92.	Vrsalović, Mislav; Vrsalović Presčki, Ana. Admission C-reactive protein and outcomes in acute aortic dissection: a systematic review. // <i>Croatian medical journal</i> . <b>60</b> (2019) ; 309-315	1,247 (2019.)	Medicine
93.	Vuk, Dragana; Horváth, Ottó; Škorić, Irena. New functionalized polycycles obtained by photocatalytic oxygenation using Mn(III) porphyrins in basic media. // <i>Catalysts</i> . <b>9</b> (2019) ; 304, 12	3,520 (2019.)	Chemistry Chemical Engineering
94.	Vuković Domanovac, Marija; Šabić Runjavec, Monika; Meštrović, Ernest. Bioaugmentation effect of <i>Aeromonas hydrophila</i> and <i>Pseudomonas putida</i> on kinetics of activated sludge process in treating pharmaceutical industrial wastewater. // <i>Journal of chemical technology and biotechnology</i> . <b>94</b> (2019) , 8; 2721-2728	2,750 (2019.)	Chemical Engineering Chemistry Environmental Science Energy Biochemistry, Genetics and Molecular Biology
95.	Zagajski Kučan, Kristina; Rogošić, Marko. Purification of motor fuels by means of extraction using deep eutectic solvent based on choline chloride and glycerol. // <i>Journal of chemical technology and biotechnology</i> . <b>94</b> (2019) , 4; 1282-1293	2,750 (2019.)	Chemical Engineering Chemistry Environmental Science Energy Biochemistry, Genetics and Molecular Biology
96.	Zdraveva, Emilija; Mijović, Budimir; Govorčin Bajsić, Emi; Slivac, Igor; Holjevac Grgurić, Tamara; Tomljenović, Antoneta; Zubin Ferri, Tea; Ujčić, Massimo. Electrospun PCL/cefuroxime scaffolds with custom tailored topography. // <i>Journal of experimental nanoscience</i> . <b>14</b> (2019) , 1; 41-55	2,169 (2019.)	Materials Science Engineering Chemical Engineering
97.	Žebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Flux decline study of tubular ceramic and flat sheet UF membranes in textile wastewater treatment. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 405-415	0,960 (2019.)	Chemistry Chemical Engineering Biochemistry, Genetics and Molecular Biology
98.	Žebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Performance evaluation of different membrane types in the textile mercerization wastewater treatment. // <i>Water and environment journal</i> . <b>33</b> (2019) , 2; 203-213	1,426 (2019.)	Environmental Science

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**Slika 5.3.** Broj objavljenih radova i njihova citiranost za razdoblje 1992. – 2020. 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	50*	SCOPUS bez Web of Science: 29**	Web of Science: 449**
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 1.1.2015. – 31.12.2019. (za tablicu 5.1.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STUDIJ
1.	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 &amp; neonatal medicine</i> . <b>28</b> (2015); 3; 306-310	1,674 (2015.)	IK
2.	Babić, Sandra; Zrnčić, Mirta; Ljubas, Davor; Ćurković, Lidija; Škorić, Irena. Photolytic and thin TiO <sub>2</sub> film assisted photocatalytic degradation of sulfamethazine in aqueous solution. // <i>Environmental science and pollution research</i> . <b>22</b> (2015); 15; 11372-11386	2,760 (2015.)	KIP, IK
3.	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> . <b>178</b> (2015); 32-37	4,052 (2015.)	IK
4.	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> . <b>95</b> (2015); 611-617	1,191 (2015.)	IK
5.	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> . <b>48</b> (2015); 9; 677-684	0,885 (2015.)	IK
6.	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> . <b>67</b> (2015); 4; 1391-1397	0,367 (2015.)	IK
7.	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> . <b>40</b> (2015); 143-147	2,780 (2015.)	IK
8.	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> . <b>67</b> (2015); 4; 1377-1389	0,367 (2015.)	IK
9.	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> . <b>54</b> (2015); 331-337	3,388 (2015.)	IK

10.	Bistričić, Lahorija; Borjanović, Vesna; Leskovac, 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> . <b>22</b> (2015); 3; 39-1-39-12	1,969 (2015.)	KI
11.	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> . <b>29</b> (2015); 3; 329-333	0,675 (2015.)	KI, IK
12.	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> . <b>57</b> (2015); 6; 495-498	0,266 (2015.)	IK
13.	Đerek, Vedran; Głowacki, Eric Daniel; Sytnyk, Mykhailo; Heiss, Wolfgang; Marciuš, 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> . <b>107</b> (2015); 8; 083302-1-083302-5 Article Number: 083302	3,142 (2015.)	IK
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432.	Sović, Irena; Cindrić, Maja; Perin, Nataša; Boček, Ida; Novaković, Irena; Damjanović, Ana; Stanojković, Tatjana; Zlatović, Mario; Hranjec, Marijana; Bertoša, Branimir. Biological potential of novel methoxy and hydroxy substituted heteroaromatic amides designed as promising antioxidative agents: Synthesis, 3D-QSAR analysis and biological activity. // <i>Chemical research in toxicology</i> . <b>32</b> (2019) ; 1880-1892	3,184 (2019.)	IK
433.	Stanić, Goran; Nikolov, Jovana; Tucaković, Ivana; Mrđa, Dušan; Todorović, Nataša; Grahek, Željko; Coha, Ivana; Vraničar, Andrej. Angle vs. LabSOCS for HPGe efficiency calibration. // <i>Nuclear instruments and methods in physics research Section A: Accelerators, spectrometers, detectors and associated equipment</i> . <b>920</b> (2019) ; 81-87	1,265 (2019.)	IK
434.	Stankov, Vladimir; Cvetnić, Matija; Novak Stankov, Mirjana; Rogošić, Marko; Bolanča, Tomislav; Ukić, Šime. Retention modeling of gradient elutions: application of iso-to-grad approach for LC systems with dual-species eluent. // <i>Chromatographia</i> . <b>82</b> (2019) , 749-755	1,596 (2019.)	KIP, IK
435.	Steinberg, Matthew D.; Kimbriel, Christine Slottved; d'Hont, Lieve S. Autonomous near-field communication (NFC) sensors for long-term preventive care of fine art objects. // <i>Sensors and actuators A: Physical</i> . <b>285</b> (2019) ; 456-467	2,904 (2019.)	IK
436.	Stolar, Tomislav; Lukin, Stipe; Tireli, Martina; Sović, Irena; Karadeniz, Bahar; Kereković, Irena; Matijašić, Gordana; Gretić, Matija; Katančić, Zvonimir; Dejanović, Igor; di Michiel, Marco; Halasz, Ivan; Užarević, Krunoslav. Control of pharmaceutical cocrystal polymorphism on various scales by mechanochemistry: transfer from the laboratory batch to the large-scale extrusion processing. // <i>ACS sustainable chemistry &amp; engineering</i> . <b>7</b> (2019) , 7; 7102-7110	7,632 (2019.)	KI
437.	Sudar, Martina; Findrik, Zvezdana; Szekrenyi, Anna; Clapés, Pere; Vasić-Rački, Đurđa Reactor and microreactor performance and kinetics of the aldol addition of dihydroxyacetone to benzyloxycarbonyl-N-3-aminopropanal catalyzed by D-fructose-6-phosphate aldolase variant A129G. // <i>Chemical engineering communications</i> . <b>206</b> (2019) , 7; 927-939	1,802 (2019.)	KIP, KI
438.	Šoić, Ivana; Martinez, Sanja; Dubravić, Mia. Gel-electrolyte EIS setup used for probing of IR dried/cured industrial coatings. // <i>Progress in organic coatings</i> . <b>137</b> (2019) ; 105331, 11	4,469 (2019.)	KIP, IK
439.	Švarc, Anera; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa; Szekrenyi, Anna; Fessner, Wolf-Dieter; Charnock, Simon J.; Vrsalović Presečki, Ana. 2-Deoxyribose-5-phosphate aldolase from <i>Thermotoga maritima</i> in the synthesis of a statin side-chain precursor: characterization, modeling and optimization. // <i>Journal of chemical technology and biotechnology</i> . <b>94</b> (2019) , 6; 1832-1842	2,750 (2019.)	KIP, KI
440.	Tišma, Marina; Tadić, Toma; Budžaki, Sandra; Ostojčić, Marta; Šalić, Anita; Zelić, Bruno; Tran, Nghiep Nam; Ngothai, Yung; Hessel, Volker. Lipase production by solid-state cultivation of <i>Thermomyces lanuginosus</i> on by-products from cold-pressing oil production. // <i>Processes</i> . <b>7</b> (2019) , 7; 465, 12	2,753 (2019.)	KI
441.	Tlak Gajger, Ivana; Kosanović, Marina; Oreščanin, Višnja; Kos, Snježana; Bilandžić, Nina. Mineral content in honeybee wax combs as a measurement of the impact of environmental factors. // <i>Bulletin of environmental contamination and toxicology</i> . <b>103</b> (2019) , 5; 697-703	1,657 (2019.)	IK
442.	Tolić, Kristina; Mutavdžić Pavlović, Dragana; Židanić, Dolores; Runje, Mislav. Nitrofurantoin in sediment and soils: sorption, isotherms and kinetics. // <i>Science of the total environment</i> . <b>681</b> (2019) ; 9-17	6,551 (2019.)	IK
443.	Tomaz, Ivana; Šikuten, Iva; Preiner, Darko; Andabaka, Željko; Huzanić, Nera; Lesković, Matija; Karoglan Kontić, Jasminka; Ašperger, Danijela. Stability of polyphenolic extracts from red grape skins after thermal treatments. // <i>Chemical papers</i> . <b>73</b> (2019) , 1; 195-203	1,680 (2019.)	IK

444.	Ukić, Šime; Sigurnjak, Marija; Cvetnić, Matija; Markić, Marinko; Novak Stankov, Mirjana; Rogošić, Marko; Rasulev, Bakhtiyor; Lončarić Božić, Ana; Kušić, Hrvoje; Bolanča, Tomislav. Toxicity of pharmaceuticals in binary mixtures: assessment by additive and non-additive toxicity models. // <i>Ecotoxicology and environmental safety</i> . <b>185</b> (2019) ; 109696, 9	4,872 (2019.)	KIP, IK, KI
445.	Vukšić, Milan; Žmak, Irena; Ćurković, Lidija; Ćorić, Danko. Effect of additives on stability of alumina—waste alumina suspension for slip casting: optimization using Box-Behnken design. // <i>Materials</i> . <b>12</b> (2019) , 11; 1738, 16	3,057 (2019.)	IK
446.	Vuković Domanovac, Marija; Šabić Runjavec, Monika; Meštrović, Ernest. Bioaugmentation effect of <i>Aeromonas hydrophila</i> and <i>Pseudomonas putida</i> on kinetics of activated sludge process in treating pharmaceutical industrial wastewater. // <i>Journal of chemical technology and biotechnology</i> . <b>94</b> (2019) , 8; 2721-2728	2,750 (2019.)	KI
447.	Zagajski Kučan, Kristina; Rogošić, Marko. Purification of motor fuels by means of extraction using deep eutectic solvent based on choline chloride and glycerol. // <i>Journal of chemical technology and biotechnology</i> . <b>94</b> (2019) , 4; 1282-1293	2,750 (2019.)	IK
448.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Flux decline study of tubular ceramic and flat sheet UF membranes in textile wastewater treatment. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 405-415	0,960 (2019.)	IK
449.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Performance evaluation of different membrane types in the textile mercerization wastewater treatment. // <i>Water and environment journal</i> . <b>33</b> (2019) , 2; 203-213	1,426 (2019.)	IK

**Tablica 5.1.2.** Popis radova mentora u bazi podataka Scopus, bez baze podataka WoSCC u razdoblju 1.1.2015. – 31.12.2019. (za tablicu 5.1.)

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	STUDIJ
1.	Kralik, Gordana; Sak-Bosnar, Milan; Kralik, Zlata; Galović, Olivera; Grčević, Manuela, Kralik, Igor. Effect of $\beta$ -alanine and L-histidine on concentration of carnosine in muscle tissue and oxidative stability of chicken meat. // <i>Poljoprivreda (Osijek)</i> . <b>21</b> (2015); 1 (Dodatak); 190-194	-	IK
2.	Le Cunff, Jérôme; Tomašić, Vesna; Gomzi, Zoran. Preparation and photoactivity of the immobilized TiO <sub>2</sub> /chitosan layer. // <i>Chemical engineering transactions</i> . <b>43</b> (2015) ; 865-870	-	KI, IK
3.	Majić Renjo, Marijana; Ćurković, Lidija; Grilec, Krešimir Erosion resistance of slip cast composite Al <sub>2</sub> O <sub>3</sub> - ZrO <sub>2</sub> ceramics. // <i>Procedia engineering</i> . <b>100</b> (2015); 1133-1140	-	IK
4.	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> . <b>64</b> (2015); 5-6; 229-236	-	KI
5.	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> . <b>51</b> (2016) , 5; 556-562	-	IK
6.	Periša, Martina; Babić, Sandra. Farmaceutici u okolišu. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>65</b> (2016); 9-10; 471-482	-	IK
7.	Šešelj, Nedjeljko; Sačer, Denis; Kraljić Roković, Marijana. Karakterizacija pseudokapacitivnih svojstava kemijski priređenog MnO <sub>2</sub> te kompozita MnO <sub>2</sub> /polipirol. // <i>Kemija u industriji</i> . <b>65</b> (2016) , 3/4; 127-136	-	KIP
8.	Babić, Sandra; Ćurković, Lidija; Ljubas, Davor; Ćizmić, Mirta. TiO <sub>2</sub> assisted photocatalytic degradation of macrolide antibiotics. // <i>Current opinion in green and sustainable chemistry</i> . <b>6</b> (2017) ; 34-41	-	IK

9.	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> . <b>48</b> (2017) , 4; 267-276	-	IK
10.	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> . <b>57</b> (2017) ; 889-894	-	KI, IK
11.	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> . <b>48</b> (2017) , 6; 439-449	-	IK
12.	Kučić, Dajana; Briški, Felicita. Emissions of gases during composting of solid waste. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017) , 9-10; 467-474	-	KI, IK
13.	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> . <b>66</b> (2017) , 5-6; 241-248	-	KIP, KI
14.	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> . <b>48</b> (2017) , 1; 1-12	-	IK
15.	Varenina, Ivana; Bilandžić, Nina; Božić Luburić, Đurđica; Solomun Kolanović, Božica; Varga, Ines; Kos, Blaženka; Beck, Relja. Zaostajanje kokcidiostatika u hrani kao posljedica prevencije i liječenja zaraze peradi Eimeria sp.. // <i>Veterinarska stanica : znanstveno-stručni veterinarski časopis</i> . <b>48</b> (2017) , 6; 451-463	-	IK
16.	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> . <b>49</b> (2018) , 4; 273-286	-	IK
17.	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> . <b>49</b> (2018) , 2; 73-83	-	IK
18.	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> . <b>49</b> (2018) , 3; 149-158	-	IK
19.	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> . <b>2018</b> (2018) ; 4546230-1-4546230-11	-	KI
20.	Herceg, Srećko; Ujević Andrijić, Željka; Bolf, Nenad. Continuous estimation of the key components content in the isomerization process products. // <i>Chemical engineering transactions</i> . <b>69</b> (2018) ; 79-84	-	KI
21.	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> . <b>239</b> (2018) ; 38-1-38-7	-	IK
22.	Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Bilandžić, Nina. Arsen i arsenove specije u hrani - naglasak na anorganski arsen. // <i>Veterinarska stanica</i> . <b>49</b> (2018) , 5; 343-353	-	IK
23.	Varga, Ines; Božić Luburić, Đurđica; Solomun Kolanović, Božica; Varenina, Ivana; Bilandžić, Nina. Salicilna kiselina - lijek sa različitim ljekovitim svojstvima. // <i>Veterinarska stanica</i> . <b>49</b> (2018) , 6; 413-422	-	IK

24.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Đokić, Maja. Health risk assessment of exposure to toxic elements in meat and meat products from Croatia. // <i>Veterinarska stanica</i> . <b>50</b> (2019), 6; 513-521	-	<b>IK</b>
25.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Solomun Kolanović, Božica; Varenina, Ivana; Božić Luburić, Đurđica; Varga, Ines. Macro- and microelement contents in sterilized milk of different manufacturers from Croatia and EU. // <i>Veterinarska stanica</i> . <b>50</b> (2019), 1; 1-10	-	<b>IK</b>
26.	Kosanović, Marina; Bilandžić, Nina; Sedak, Marija; Kos, Snježana; Tlak Gajger, Ivana. Koncentracije arsena, kadmija i žive u pčelinjem vosku ( <i>Apis mellifera</i> ) tijekom njegove prerade iz saća u satne osnove. // <i>Veterinarska stanica</i> . <b>50</b> (2019), 1; 19-25	-	<b>IK</b>
27.	Kučić Grgić, Dajana; Kovačević, Antonija; Lovrinčić, Ema; Očelić Bulatović, Vesna; Vuković Domanovac, Marija. Biorazgradnja bisfenola A u okolišu. // <i>Hrvatske vode</i> . <b>27</b> (2019), 107; 1-6	-	<b>KI</b>
28.	Tanković, Sanin; Jelušić, Vedrana; Bilandžić, Nina; Sedak, Marija; Ferizbegović, Jasmin. Concentrations of elements in floral and acacia honey from Bosnia and Herzegovina and the Republic of Croatia. // <i>Veterinarska stanica</i> . <b>50</b> (2019), 2; 97-106	-	<b>IK</b>
29.	Tuksar, Mihaela; Rubčić, Mirta; Meštrović, Ernest. (3,5-Dimethyladamantan-1-yl)ammonium methanesulfonate (memantinium mesylate): synthesis, structure and solid-state properties. // <i>Acta crystallographica. Section E, Crystallographic communications</i> . <b>75</b> (2019); 1274-1279	-	<b>KI</b>

**Tablica 5.2.** Izvori financiranja znanstvenih projekata (sredstva naplaćena tijekom kalendarske 2020.)

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)
<b>DOMAĆI</b>										
2017.	Projekt br.8522-PKP Izravna uporaba komunalne otpadne vode za navodnjavanje membranskim tehnologijama (Davor Dolar, 2017-2019)	19		459.338,84						459.338,84
2015.	HRZZ, Projekt br.7992 Modeliranje okolišnih aspekata napredne obrade voda za razgradnju prioriternih onečišćivala (Tomislav Bolanča, 2015-2019)	48		212.218,31						212.218,31
2017.	Projekt br. 3752 Razvoj biokompatibilnih materijala na temelju hidroksicapatita za primjene u inženjerstvu (Hrvoje Ivanković, 2017-2021)	48		248.779,26						248.779,26
2017.	Projekt br.7993 Razvoj integriranog mikrosustava za biokatalitičku proizvodnju biodizela (Bruno Zelić, 2017-2020)	36		185.403,55						185.403,55
2019.	PZS-2019-02-1555, Fotonaponska-geopolimerna fasada: uloga vode-kisika u naprednom sklapanju filmova kompozitnih materija V.Mandić	44		439.897,00						439.897,00
2018.	Projekt br. 1982 Nano-katalizatori aktivirani sunčevim zračenjem u tehnologijama zaštite okoliša (Hrvoje Kušić, 2018-2022)	48		21.205,00						21.205,00
2020.	Projekt br. 5030 Razvoj novih rješenja za karakterizaciju i zaštitu brončane kulturne baštine izložene vanjskom okolišu (Helena Otmačić Čurković, 2020-2024)	48		490.000,00						490.000,00

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)
2020.	Projekt br. 5242 Razvoj funkcionalnih biogoriva i (bio)aditiva te ispitivanje primjenskih svojstava mješavina s mineralnim gorivima (Fabio Faraguna, 2020-2025)	60		174.995,00						174.995,00
2020.	Projekt br. 5200 Dekompozicije i aproksimacije matrica i tenzora (Erna Begović Kovač, 2020-2024)	48		74.540,00						74.540,00
2018.	Projekt br. 8669 Intenzifikacija fotokatalitičkih i katalitičkih procesa za obradu otpadnih voda i otpadnih plinova, IN-PhotoCat (Vesna Tomašić, 2018-2022)	48		125.939,39						125.939,39
2020.	Projekt 8304 Molekularno krojenje istezljivih i zacjeljivih vodljivih polimera za nosivu elektroniku (Zvonimir Katančić, 2020-2025)	48		529.000,00						529.000,00
2018.	Projekt 4379 Molekularno krojenje istezljivih i zacjeljivih vodljivih polimera za nosivu elektroniku (Marijana Hranjec, 2018-2022)	48		79.050,13						79.050,13
2019.	Projekt 9661 Primjena naprednih tehnologija obrade voda za uklanjanje mikroplastike (AdWaTMiR) (Tomislav Bolanča, 2019-2023)	48		320.500,00						320.500,00
2015.	Mladi istraživači i doktorandi, isplata plaća HRZZ	-		1.058.845,14						1.058.845,14
	<b>Ukupno:</b>			<b>4.419.711,62</b>						<b>4.419.711,62</b>

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)
<b>MEĐUNARODNI</b>										
2019.	Zelić, Hrvatsko-kineski projekt 2019-2021	36	30.000,00							30.000,00
2019.	Mandić, Hrvatsko-kineski projekt	36	30.000,00							30.000,00
2018.	Kušić, Hrvatsko-slovenski projekt	36	7.438,00							7.438,00
2018.	Diplomski studijski program na engleskom jeziku Chemical and Environmental Technology (Hrvoje Kušić, 2018-2021)	48				257.772,45				257.772,45
2017.	Razvoj TEHNIX pogona za biorektorsko kompostiranje biorazgradivog komunalnog otpada (Bruno Zelić)	48				113.353,03				113.353,03
2019.	NOWELTIES - New Materials and Inventive Water Treatment Technologies. Harnessing resources effectively through innovation (Sandra Babić 2019-2023)	48				798.390,06				798.390,06
	<b>Ukupno:</b>		67.438,00			1.169.515,54				1.236.953,54

**Tablica 5.3. Izvori financiranja stručnih projekata (sredstva naplaćena tijekom kalendarske 2019.)**

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2019.	Mjerenja na kuponima i analiza kupona u zoni izmjeničnih lutajućih struja (Sanja Martinez)	2					7.812,50		7.812,50
2019.	Određivanje specifične površine i raspodjele veličina pora metodom adsorpcijsko-desorpcijske porozimetrije (Aleksandra Sander)	1				6.000,00			6.000,00
2018.	- Izrada osnovnog seta za QSAR analizu/formulacija daptomicina - Postavljanje modela na temelju dostupnog seta -Proračun i analiza korelacija - Predlaganje molekule koja ima potencijalno stabilizirajući učinak na doptomicin (Tomislav Bolanča)	13				62.500,00			62.500,00
2018.	Mikrobiološke analize vode za ljudsku potrošnju (Dajana Kučić Grgić)	1				1.250,03			1.250,03
2018.	Mikrobiološke analize vode za ljudsku potrošnju (Dajana Kučić Grgić)	1				1.250,03			1.250,03
2019.	Određivanje relativne dielektrične permitivnosti izolacijskog papira (Helena Otmačić Ćurković)	1				3.200,00			3.200,00
2019.	Određivanje viskoznosti tekućine za odleđivanje zrakoplova – aerodrom London-Heatrow (Gordana Matijašić)	1				3.062,50			3.062,50
2019.	Određivanje viskoznosti tekućine za odleđivanje zrakoplova – aerodrom Osijek (Gordana Matijašić)	1				1.750,00			1.750,00
2019.	Bakteriološka analiza vode (Dajana Kučić Grgić)	1				1.250,03			1.250,03
2019.	Određivanje vrijednosti MLSS i MLVSS u uzorku iz reaktora za obradu procjedne vode (Marija Vuković Domanovac)	1				2.500,00			2.500,00
2019.	Određivanje udjela osnovnog polimera u uzorku, onečišćenja i udjela vlage TG analizom (Zlata Hrnjak Murgić)	1				4.375,00			4.375,00
2018.	Izrada softvera za kontinuirano on-line mjerenje u procesu kristalizacije (Nenad Bolf)	6				24.000,00			24.000,00



God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2018.	Dijagnostika i optimizacija regulacijskih krugova (Nenad Bolf)	8				26.100,00			26.100,00
2019.	Određivanje raspodjele veličine čestica metodom laserske difrakcije (Gordana Matijašić)	1				750,00			750,00
2019	SEM-EDX analiza uzoraka (Domagoj Vraljko)	2				3.750,00			3.750,00
2019.	Postupak biotransformacije koristeći 100 mikrograma enzima (Tatjana Gazivoda Kraljević)	1				25.000,00			25.000,00
2019.	Bakteriološka analiza vode (Dajana Kučić Grgić)	1				1.250,00			1.250,00
2019.	SEM-EDX analize (Domagoj Vrsaljko)	1				1.875,00			1.875,00
2019.	Kvalitativna fazna analiza metodom rentgenske difrakcije praha (XRD analiza uzoraka slitina ELF) (Stanislav Kurajica)	1	5.000,00						5.000,00
2019.	Ispitivanje tekućina za odleđivanje zrakoplova, Zračna luka Osijek (Gordana Matijašić)	1				1.750,00			1.750,00
2019.	Bakteriološka analiza vode (Dajana Kučić Grčić)	1				1.250,03			1.250,03
2019.	Određivanje raspodjele veličine čestica uzoraka zeolita (VEN-ZEOTEX) (Gordana Matijašić)	1				750,00			750,00
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)	12				37.500,00			37.500,00
2019.	Test Report-Pipeline Failure Analysis (Sanja Martinez)	1				8.844,00			8.844,00
2018.	Termogravimetrijsko određivanje koncentracije čađe u poliolefinском uzorku prema normi HRN EN 608-605-2 (Ante Jukić)	15				2.250,00			2.250,00
2018.	Termogravimetrijsko određivanje koncentracije čađe u poliolefinском uzorku prema normi HRN EN 608-605-1 (Ante Jukić)	10				1.125,00			1.125,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2019.	Termogravimetrijsko određivanje koncentracije čađe u poliolefinском uzorku prema normi HRN EN 608-605-1 (Ante Jukić)	1				1.125,00			1.125,00
2019.	Određivanja specifične površine i raspodjele veličine pora metodom adsorpcijsko-desorpcijske porozimetrije (Aleksandra Sander)	1				3.375,00			3.375,00
2019.	Izrada elaborata o uzrocima korozije tubinga bušotine IVA-77 (Sanja Martinez)	2				24.937,50			24.937,50
2019.	Izrada stručnog mišljenja i ekspertize za uslugu karakterizacije polimernih materijala i prijedlog materijala sklopa (Ante Jukić)	1				11.250,00			11.250,00
2019.	Usluga izrade proračuna i dimenzioniranja termalnog regeneratora MEA (Igor Dejanović)	4				15.625,00			15.625,00
2019.	Usluga provjere proračuna kolektora baklje (Igor Dejanović)	2				20.000,00			20.000,00
2019.	Usluga analize AL žice (Marinko Markić)	1				12.500,00			12.500,00
2019.	Određivanje oksidacijskog indukijskog vremena uzoraka polietilenskih masterbatcha (Sanja Lučić Blagojević)	1				2.500,00			2.500,00
2019.	Usluga određivanja sadržaja dušika u elektroizolacijskom papiru (Marija Vuković Domanovac)	1				24.375,00			24.375,00
2019.	Usluga TGA i FTIR analize, određivanje nehlapljivih tvari i određivanje pepela (Stanislav Kurajica)	1				9.750,00			9.750,00
2019.	Usluga ispitivanja sadržaja dušika u elektroizolacijskom papiru (Marija Vuković Domanovac)	1				24.375,00			24.375,00
2019.	Analiza rada i optimiranje regulacijskih krugova, dijagnostika rada regulacije i procesa, prijedlog poboljšanja rada regulacije i optimiranje parametara i regulatora, prijedlog poboljšanja i pismjena na postrojenju (Nenad Bolf)	4				38.170,00			38.170,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2019.	Usluga izrade uputa za rad – ključ u ruke za puštanje u rad aminske jedinice na meroxu UNP-a u Rafineriji nafte Rijeka (Igor Dejanović)	6				132.893,75			132.893,75
2019.	Usluga određivanja specifične površine metodom adsorpcijsko-desorpcijske porozimetrije (Aleksandra Sander)	6				2.250,00			2.250,00
2019.	Usluga SEM EDX analize (Domagoj Vrsaljko)	1				2.812,50			2.812,50
2019.	Usluga određivanja metansulfonita i metansulfonata u lurasidon suspenzijama pomoću ionske kromatografije (Marinko Markić)	2				1.875,00			1.875,00
2019.	Usluga kvantitativne fazne analize uzoraka metodom roentgenske difrakcije (XRD) (Vilko Mandić)	1				10.000,00			10.000,00
2019.	Usluga kvantitativne fazne analize uzoraka metodom roentgenske difrakcije (XRD) (Vilko Mandić)	1				1.250,00			1.250,00
2019.	Usluga određivanja specifične površine i raspodjele veličina pora metodom adsorpcijsko desorpcijske porozimetrije (Aleksandra Sander)	1							750,00
2019.	Usluga određivanja specifične površine i raspodjele veličina pora metodom adsorpcijsko desorpcijske porozimetrije (Aleksandra Sander)	1							375,00
2019.	Usluga određivanja specifične površine i raspodjele veličina pora metodom adsorpcijsko desorpcijske porozimetrije (Aleksandra Sander)	1				2.250,00			2.250,00
2019.	Usluga određivanja metansulfonita i metansulfonata u lurasidon suspenzijama (Marinko Markić)	2				3.750,00			3.750,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2019.	Usluga analize - 4 uzorka TG dušik, zrak, FTIR DSC, SEM - 4 uzorka u do 10 otapala TGA, DSC, FTIR - 2 uzorka propusnost na plinove (Ante Jukić)	2				42.075,00			42.075,00
2019.	- Preparation of 4 samples – concrete blocks with reinforcement with and without EPS - Exposure of the prepared blocks to the 100% relative humidity - Measurements of the potential difference between the reinforcement - Surface potential of the blocks in accordance with ASTM C876-15 with contour mapping potential (6 measurements) - Visual control of samples (Sanja Martinez)	5				24.739,75			24.739,75
2019.	Ispitivanje uzroka nastanka pukotine na savitljivom tubing (Sanja Martinez)	3				20.625,00			20.625,00
2019.	Usluge ispitivanja - Razvoj postupka homogenizacije smjesa tri djelatne tvari u parafinu za razne ukupne koncentracije - Razvoj postupka uzorkovanja i analize homogenosti (HPLC/MS) i određivanje koncentracije djelatne tvari - Kemometrijska obrada podataka - Prikaz rezultata u obliku izvještaja (Tomislav Bolanča, Ante Jukić)	2				125.000,00			125.000,00
2019.	Određivanje točke ledišta tekućina za pranje vjetrobranskog stakla 9B-20B (Davor Dolar)	1				5.250,00			5.250,00
2019.	Određivanje raspodjele veličine čestica metodom laserske difrakcije (Gordana Matijašić)	1	1.200,00						1.200,00
2019.	Usluga laboratorijske ekstrakcije ribljeg ulja, proteina i vode, iz uzorka (Bruno Zelić)	2				15.000,00			15.000,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2019.	Usluga određivanja metansulfonita i metansulfonata u lurasidon suspenzijama (Marinko Markić)	1				1.250,00			1.250,00
2019.	Određivanje točke ledišta tekućina za pranje vjetrobranskog stakla 1C-14C (Davor Dolar)	1				6.125,00			6.125,00
2019.	Usluge istraživanja „Vrednovanje Neutrala iz MID-MIX PREOCESA KAO SIROVINE ZA DOBIVANJE CaO“ (Marin Kovačić)	3				43.750,00			43.750,00
2019.	Usluga mjerenja veličine čestica (mastersizer) uzoraka usitnjenog zeolita (Gordana Matijašić)	1				2.250,00			2.250,00
2019.	Usluga ispitivanja korozije uzoraka nehrđajućeg čelika prema normi ISO 15158:2014 (Sanja Martinez)	1				1.875,00			1.875,00
2019.	- DSV testing of Wrappingband CZHP – 1 sample in triplicate (Sanja Martinez)	1				2.656,80			2.656,80
2019.	Izrada mišljenja o uzroku i načinu sprječavanja korozije u sustavu grijanja/hlađenja Sveučilišta Sjever u Varaždinu (Sanja Martinez)	2				18.750,00			18.750,00
2019.	Usluga određivanja plamišta (Fabio Faraguna)	1				187,50			187,50
2019.	Usluga analize sastava slitine XRD metodom (Vilko Mandić)	1	3.750,00						3.750,00
2019.	Recenzija metodologije istraživanja premaznih sustava za korištenje pri konzervatorsko restauratorskim postupcima na obojenim metalnim skulpturama na otvorenom iz kolonije Željezare Sisak (Sanja Martinez)	1					1.875,00		1.875,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2019.	Usluga određivanja specifične površine metodom adsorpcijsko desorpcijske porozimetrije (Aleksandra Sander)	1				4.500,00			4.500,00
2019.	Mjerenje i praćenje parametara korozivnosti nafte i brzina korozije u sustavu za monitoring unutrašnje korozije JaNafa (Sanja Martinez)	13					168.750,00		168.750,00
2019.	- kvalitativna fazna analiza metodom roentgenske difrakcije (XRD) - mikroskopijska analiza metodom pretražne elektronske mikroskopije (SEM) - mikroskopijska analiza metodom energijski disperzivne spektroskopije (EDS) (Vilko Mandić)	1				3.600,00			3.600,00
2019.	Određivanje raspodjele veličine čestica metodom laserske difrakcije (Gordana Matijašić)	1	1.200,00						1.200,00
2019.	Usluga akreditacije - SYBOLT PAN ADRIATIKA d.o.o. Koper, K-135 (Ante Jukić)	1				5.864,88			5.864,88
2019.	Usluga akreditacije - BUREAU VERITAS d.o.o., Ljubljana (Ante Jukić)	7				5.857,45			5.857,45
2019.	Poboljšanje proizvoda i optimizacija proizvodnog procesa za dobivanje zeolita klinoptilolita (Marinko Markić)	2				50.625,00			50.625,00
2019.	Istraživanje utjecaja oksidacijskih tehnologija na kvalitetu aktivnog mulja kao sirovine u MID-MIX procesu (Marin Kovačić)	1				70.000,00			70.000,00
2019.	Provjera proračuna pada tlaka tlačnog voda pumpi PAC 60 i PAC 70 te provjera, odgovara li radna točka izmjerenom stanju (Igor Dejanović)	2				18.750,00			18.750,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2019	Određivanje sadržaja punila u uzorku TG analizom s interpretacijom rezultata i davanje mišljenja (Zlata Hrnjak Murgić)	1				1.687,50			1.687,50
2018.	Pružanje laboratorijskih i drugih usluga (Ante Jukić)	10				48.437,50			48.437,50
2018.	Pružanje laboratorijskih i drugih usluga (Ante Jukić)	12				25.937,50			25.937,50
2019.	Određivanje točke ledišta tekućina za pranje vjetrobranskog stakla za uzorke 1-D do 10-D (Davor Dolar)	1				4.375,00			4.375,00
2019.	Ispitivanje uzoraka poliuretanskog materijala te postojanosti neoprenske spužve (Sanja Martinez)	1				14.062,50			14.062,50
2019.	Određivanje specifične površine i raspodjele veličine pora metodom adsorpcijsko desorpcijske porozimetrije (Aleksandra Sander)	1				3.750,00			3.750,00
2019.	Usluga kvalitativne faze analize metodom roentgenske difrakcije praha i provedba kombinirane diferencijalno termičke i termogravimetrijske analize (Stanislav Kurajica)	1	4.000,00						4.000,00
2019.	Određivanje raspodjele veličina čestica metodom laserske difrakcije (Gordana Matijašić)	1	6.000,00						6.000,00
2019.	Određivanje viskoznosti tekućina za odleđivanje zrakoplova – aerodrom Osijek (Gordana Matijašić)	1				437,50			437,50
2019.	Usluga akreditacije – Slovenski inštitut za kakvoš i meroslovje Ljubljana (Sanja Martinez)	1				5.654,41			5.654,41
2019.	Određivanje viskoznosti tekućina za odleđivanje zrakoplova – aerodrom Split (Gordana Matijašić)	1				2.625,00			2.625,00
2019.	Određivanje specifične površine metodom adsorpcijsko desorpcijske porozimetrije (Aleksandra Sander)	1				4.125,00			4.125,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2019.	Usluga kvalitativne fazne analize uzoraka metodom roentgenske difrakcije praha i kombinirane difrakcijsko termičke i termogravimetrijske analize uzoraka (Stanislav Kurajica)	1	12.000,00						12.000,00
2019.	Kvalitativno dokazivanje prisutnosti aerobnih, Fe i Mn bakterija (Marija Vuković Domanovac)	1	5.250,00						5.250,00
2019.	Određivanje viskoznosti tekućina za odleđivanje zrakoplova – aerodrom Vienna (Gordana Matijašić)	1				1.750,00			1.750,00
2019.	Istraživanje-razvoj kromatografske metode za analizu sadržaja aktivne tvari natrij-pantoprazol (Tomislav Bolanča, Ante Jukić)	2				125.000,00			125.000,00
2019.	Određivanje relativne dielektrične permitivnosti izolacijskog papira metodom impedancijske spektroskopije (Helena Otmačić Ćurković)	5				4.800,00			4.800,00
2019.	Pronalazak adekvatne radne tvari s naglaskom na adekvatne uvjete intenzivnog zračenja u vidljivom IC spektru i slabijem zračenju u ultraljubičastom spektru (Ante Jukić)	2	50.000,00						50.000,00
2019.	Mikrobiološka analiza uzorak vode (Marija Vuković Domanovac)	1	6.250,00						6.250,00
2019.	Usluga fizikalno-kemijske i mikrobiološke analize vode (Dajana Kučić Grgić)	1				10.000,00			10.000,00
2018.	Određivanja željezo-oksidirajućih i nitrificirajućih bakterija (Dajana Kučić Grgić)	2				6.250,00			6.250,00
2018.	DSC measurement on PIS samples - IODSC measurement (Sanja Martinez)	5				7.082,79			7.082,79
2019.	Usluga akreditacije - SGS SLOVENIJA d.o.o. (Ante Jukić)	1				5.790,64			5.790,64



God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	<b>UKUPNO (kn)</b>
2017.	Izrada Studije o utjecaju na okoliš postrojenja za proizvodnju i preradu plastične mase tvrtke Muraplast d.o.o. (Bruno Zelić)	1				18.750,00			18.750,00
	<b>Ukupno:</b>		94.650,00			1.327.642,09	178.437,50		<b>1.600.729,59</b>

**Tablica 5.3.b** Skupovi (sredstva naplaćena tijekom kalendarske 2019.)

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2019.	Jukić, Konferencija "100 Years of Industrial Ammonia Synthesis-Recent Advances"-Kutina 2019. (Ante Jukić)	1				56.605,00			56.605,00
2019.	Markić, Edukacija za rad na ionskom kromatografskom sustavu u tvrtki Pliva (Marinko Markić)	1				12.500,00			12.500,00
2019.	Međunarodna škola ionske kromatografije (ICS 2019.) (Šime Ukić)	1				29.631,61			29.631,61
2019.	TEHNOLOGIJADA 2019. (Gazivoda Kraljević)	1				-			-
2019.	ESKIM studentski kongres (Ante Jukić)	1				14.000,00			14.000,00
2019.	Martinez, Tečaj mjerenja u sustavima katodne zaštite (Sanja Martinez)	1				19.213,60			19.213,60
2019.	Otmačić Ćurković, Osnovni tečaj iz korozije Tečaj: korozija i premazi (Helena Otmačić Ćurković)					33.805,06			33.805,06
2019.	Otmačić Ćurković, Inhibitori korozije i korozijski monitoring-veljača 2019. Osnovni tečaj iz korozije i zaštite-prosinac 2019. (Helena Otmačić Ćurković)	1				22.786,72			22.786,72
	<b>Ukupno:</b>					<b>188.541,99</b>			<b>188.541,99</b>

**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.	Modularni uređaj za obradu otpadnih voda, 2016-2017 (Ana Lončarić Božić)
8.	Razvoj integriranog mikrosustava za biokatalitičku proizvodnju biodizela 2017.-2021. (Bruno Zelić)
9.	Razvoj biokompatibilnih materijala na temelju hidroksiapatita za primjene u inženjerstvu košanog tkiva 2017.-2021. (Hrvoje Ivanković)
10.	Izravna uporaba komunalne otpadne vode za navodnjavanje membranskim tehnologijama 2017-2019 (Davor Dolar)
11.	Razvoj Tehnix pogona za bioreaktorsko kompostiranje biorazgradivog komunalnog otpada 2018-2021. (Bruno Zelić)
12.	Intenzifikacija fotokatalitičkih i katalitičkih procesa za obradu otpadnih voda i otpadnih plinova 2018-2022. (Vesna Tomašić)
13.	Novi spojevi temeljeni na bioizosterima purina za ispitivanje njihovog antitumorskog i antipatogenog djelovanja 2018-2022 (Silvana Raić-Malić)
14.	Istraživanje antioksidativnog djelovanja benzazolskog skeleta u dizajnu novih antitumorskih agensa 2018-2022. (Marijana Hranjec)
15.	Hidrotermalna sinteza dopiranog cerij oksidnog nanokatalizatora 2018-2022 (Stanislav Kurajica)
16.	Nano-katalizatori aktivirani Sunčevim zračenjem u tehnologijama zaštite okoliša 2018-2022 (Hrvoje Kušić)
17.	Primjena naprednih tehnologija obrade voda za uklanjanje mikroplastike, 2019-2023 (Tomislav Bolanča)
18.	Pročišćavanje vode i dobivanje energije korištenjem novih kompozitnih materijala uz Sunčevo zračenje, 2019-2022 (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.	Samorganizirajući monoslojevi organskih molekula kao inhibitori korozije u morskom okolišu, 2015-2016 (Helena Otmačić Čurković)
3.	Superkondenzatori visoke snage temeljeni na grafen/pseudokapacitivnim materijalima, 2016-2017 (Marijana Kraljić Roković)
4.	Utjecaj heteroatoma na učinkovitost smanjenja korozije bakra u morskom okolišu, 2016-2017 (Helena Otmačić Čurković)
5.	Polimerne mješavine i polimerni kompoziti za biomedicinske primjene, 2016-2017 (Marica Ivanković)
6.	Novi katalizatori za obradu voda djelovanjem Sunčeva zračenja; kvantno-kemijski i eksperimentalni pristup 2017.-2018. (Hrvoje Kušić)
7.	Primjena plazma tehnologija za razvoj polimernih materijala za katalitičke mikroreaktore 2017.-2018. (Domagoj Vrsaljko)
8.	Razvoj novih katalizatora za simultanu obradu voda i proizvodnju energije pod sunčevim zračenjem, 2018-2019 (Hrvoje Kušić)
9.	NOWELTIES "Joint PhD Laboratory for New Materials and Inventive Water Treatment Technologies. Harnessing resources effectively through innovation", 2019-2023 (Sandra Babić)
10.	Photovoltaic-geopolymer facade: the water-oxygen role in the advanced assembly of layered composite materials, 2019-2023 (Vilko Mandić)

**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
<b>Znanstveni radovi u časopisima koji su zastupljeni u bazi CC, WoS (SSCI, SCI-expanded i A&amp;HCI) te Scopusu</b>	WoS: 383	WoS: 287	383/71=5,39
	Scopus bez WoS: 19	Scopus bez WoS: 7	19/71=0,27
<b>Ostali recenzirani radovi zastupljeni u bazama koje se priznaju za izbore u znanstvena zvanja</b>	-	-	-
<b>Autorstvo inozemno izdanih knjiga</b>	3	1	
<b>Autorstvo domaćih knjiga</b>	4	0	
<b>Radovi u domaćim časopisima s međunarodnom recenzijom</b>	CROSBI kategorija ZRDČ: 110*	CROSBI kategorija ZRDČ: 62*	110/71=1,55
Recenzirani radovi u zbornicima inozemnih i međunarodnih znanstvenih skupova***			
<b>Radovi u domaćim časopisima s domaćom recenzijom</b>	**	**	
Stručni radovi			
<b>Poglavlja u recenziranim knjigama</b>	15	7	15/71=0,21
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 1.1.2015. – 31.12.2019. (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.	Babić, Sandra; Zrnčić, Mirta; Ljubas, Davor; Ćurković, Lidija; Škorić, Irena. Photolytic and thin TiO <sub>2</sub> film assisted photocatalytic degradation of sulfamethazine in aqueous solution. // <i>Environmental science and pollution research</i> . <b>22</b> (2015); 15; 11372-11386	2,760 (2015.)	DA
2.	Bistričić, Lahorija; Borjanović, Vesna; Leskovac, 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> . <b>22</b> (2015); 3; 39-1-39-12	1,969 (2015.)	DA
3.	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> . <b>29</b> (2015); 3; 329-333	0,675 (2015.)	DA
4.	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> . <b>91</b> (2015); 8; 105-109	0,286 (2015.)	DA
5.	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> . <b>22</b> (2015); 245-1-245-11	1,969 (2015.)	NE

6.	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> . <b>64</b> (2015); 1497-1504	2,414 (2015.)	NE
7.	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> . <b>55</b> (2015); 8; 1920-1930	1,719 (2015.)	NE
8.	Grčić, Ivana; Vrsaljko, Domagoj; Katančić, Zvonimir; Papić, Sanja Purification of household greywater loaded with hair colorants by solar photocatalysis using TiO <sub>2</sub> -coated textile fibers coupled flocculation with chitosan. // <i>Journal of water process engineering</i> . <b>5</b> (2015); 15-27	3,173 (2018.)	NE
9.	Gusić, Ivica; Tadić, Petra. Injectivity of the specialization homomorphism of elliptic curves. // <i>Journal of number theory</i> . <b>148</b> (2015); 137-152	0,596 (2015.)	DA
10.	Hrkovac, Martina; Prlić Kardum, Jasna; Ukrainczyk, Neven. Influence of NaCl on granulometric characteristics and polymorphism in batch-cooling crystallization of Glycine. // <i>Chemical engineering &amp; technology</i> . <b>38</b> (2015); 1; 139-146	2,385 (2015.)	NE
11.	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> . <b>98</b> (2015); 88-97	5,154 (2015.)	DA
12.	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> . <b>276</b> (2015); 261-273	5,310 (2015.)	DA
13.	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> . <b>32</b> (2015); 6; 1037-1045	1,408 (2015.)	DA
14.	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> . <b>56</b> (2015); 6-10	4,569 (2015.)	DA
15.	Katić, Jozefina; Metikoš-Huković, Mirjana; Milošev, Ingrid. Ionic and electronic conductivity of the anodic films on nickel. // <i>Journal of the electrochemical society</i> . <b>162</b> (2015), 14; C767-C774	3,014 (2015.)	DA
16.	Katić, Jozefina; Metikoš-Huković, Mirjana; Peter, Robert; Petravić, Mladen. The electronic structure of the $\alpha$ -Ni(OH) <sub>2</sub> films: Influence on the production of the high-performance Ni-catalyst surface. // <i>Journal of power sources</i> . <b>282</b> (2015); 421-428	6,333 (2015.)	DA
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26.	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> . <b>6</b> (2015); 11; 1150-1155	3,355 (2015.)	DA
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29.	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> . <b>62</b> (2015); 4; 818-827	1,167 (2015.)	DA
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31.	Pustak, Anđela; Denac, Matjaž; Leskovac, 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> . <b>54</b> (2015); 6; 647-660	1,511 (2015.)	DA
32.	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> . <b>22</b> (2015); 1462-1499	3,455 (2015.)	NE
33.	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> . <b>62</b> (2015); 4; 867-878	1,167 (2015.)	DA
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36.	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> . <b>146</b> (2015); 9; 1503-1517	1,131 (2015.)	DA

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43.	Švarc, Anera; Valinger, Davor; Vasić-Rački, Đurđa; Vrsalović Presečki, Ana. Stereoselective synthesis of phenylpropane 1, 2- diols from (S)-2-hydroxypropionophenone by NADH- dependent oxidoreductases. // <i>Biochemical engineering journal</i> . <b>103</b> (2015); 15; 250-255	2,463 (2015.)	DA
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348.	Odak, Ilijana; Škorić, Irena; Grbavac, Daria; Ratković, Ana; Šagud, Ivana. Alteration in the chemical composition of immortelle, silver fir and prickly juniper essential oils induced by light. // <i>Acta chimica Slovenica</i> . <b>66</b> (2019) ; 681-685	1,263 (2019.)	DA
349.	Panžić, Ivana; Juraić, Krunoslav; Krstulović, Nikša; Šantić, Ana; Belić, Domagoj; Blažeka, Damjan; Plodinec, Milivoj; Mandić, Vilko; Macan, Jelena; Hammud, Adnan; Ivanov, Danail; Plaisier, Jasper; Willinger, Marc Gregor; Gracin, Davor; Gajović, Andreja. ZnO@TiO <sub>2</sub> core shell nanorod arrays with tailored structural, electrical, and optical properties for photovoltaic application. // <i>Molecules</i> . <b>24</b> (2019) ; 3965, 18	3,267 (2019.)	DA
350.	Pedrazzani, Roberta; Bertanza, Giorgio; Brnardić, Ivan; Cetecioglu, Zeynep; Dries, Jan; Dvarionienė, Jolanta; García-Fernández, Antonio J.; Langenhoff, Alette; Libralato, Giovanni; Lofrano, Guisy; Škrbić, Biljana; Martínez-López, Emma; Meriç, Süreyya; Mutavdžić Pavlović, Dragana; Papa, Matteo; Schröder, Peter; Tsagarakis, Konstantinos P.; Vogelsang, Christian. Opinion paper about organic trace pollutants in wastewater: toxicity assessment in a European perspective. // <i>Science of the total environment</i> . <b>651</b> (2019) ; 3202-3221	6,551 (2019.)	DA
351.	Pelajić, Maja; Pelajić, Izidor; Mutavdžić Pavlović, Dragana; Vitali Čepo, Dubravka. GC-MS modified quechers method for multiresidue pesticide determination in red wine. // <i>Croatica chemica acta</i> . <b>92</b> (2019) , 3; 419-428	0,812 (2019.)	DA
352.	Racané, Livio; Butković, Kristina; Martin-Kleiner, Irena; Kralj, Marijeta; Karminski-Zamola, Grace; Hranjec, Marijana. Synthesis and antiproliferative activity in vitro of amidino substituted 2-phenylbenzazoles. // <i>Croatica chemica acta</i> . <b>92</b> (2019) , 2; 181-189	0,812 (2019.)	DA
353.	Racar, Marko; Dolar, Davor; Farkaš, Maja; Milčić, Nevena; Špehar, Ana; Košutić, Krešimir Rendering plant wastewater reclamation by coagulation, sand filtration, and ultrafiltration. // <i>Chemosphere</i> . <b>227</b> (2019) , 1; 207-215	5,778 (2019.)	NE
354.	Raić, Matea; Sačer, Denis; Kraljić-Roković, Marijana. Structural and capacitive properties of graphene obtained by a green method of graphene oxide reduction. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 385-393	0,960 (2019.)	NE
355.	Ratković, Ana; Kelava, Vanja; Marinić, Željko; Škorić, Irena. Buchwald-Hartwig amination of the chloro substituted benzobicyclo[3.2.1]octadiene skeleton using primary benzylic amines. // <i>Journal of molecular structure</i> . <b>1179</b> (2019) ; 597-607	2,463 (2019.)	DA
356.	Rogina, Anamarija; Antunović, Maja; Milovac, Dajana. Biomimetic design of bone substitutes based on cuttlefish bone-derived hydroxyapatite and biodegradable polymers. // <i>Journal of biomedical materials research. Part B, Applied biomaterials</i> . <b>107</b> (2019) ; 197-204	2,831 (2019.)	NE
357.	Rogina, Anamarija; Lončarević, Andrea; Antunović, Maja; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Tuning physicochemical and biological properties of chitosan through complexation with transition metal ions. // <i>International journal of biological macromolecules</i> . <b>129</b> (2019) ; 645-652	5,162 (2019.)	DA
358.	Rogina, Anamarija; Šandrak, Nikolina; Teruel-Biosca, Laura; Antunović, Maja; Ivanković, Marica; Gallego Ferrer, Gloria. Bone-mimicking injectable gelatine/hydroxyapatite hydrogels. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) ; 325-335	0,960 (2019.)	DA

359.	Rogošić, Marko; Krišto, Anđela; Zagajski Kučan, Kristina. Deep eutectic solvents based on betaine and propylene glycol as potential denitrification agents: a liquid-liquid equilibrium study. // <i>Brazilian journal of chemical engineering</i> . <b>36</b> (2019) , 4; 1703-1716	1,027 (2019.)	NE
360.	Rogošić, Marko; Zagajski Kučan, Kristina. Deep eutectic solvents based on choline chloride and ethylene glycol as media for extractive denitrification/desulfurization/dearomatization of motor fuels. // <i>Journal of industrial and engineering chemistry</i> . <b>72</b> (2019) ; 87-99	5,728 (2019.)	NE
361.	Sopčić, Suzana; Šešelj, Nedjeljko; Kraljić Roković, Marijana. Influence of supporting electrolyte on the pseudocapacitive properties of MnO <sub>2</sub> /carbon nanotubes. // <i>Journal of solid state electrochemistry</i> . <b>23</b> (2019) ; 205-214	2,646 (2019.)	NE
362.	Sović, Irena; Cindrić, Maja; Perin, Nataša; Boček, Ida; Novaković, Irena; Damjanović, Ana; Stanojković, Tatjana; Zlatović, Mario; Hranjec, Marijana; Bertoša, Branimir. Biological potential of novel methoxy and hydroxy substituted heteroaromatic amides designed as promising antioxidative agents: Synthesis, 3D-QSAR analysis and biological activity. // <i>Chemical research in toxicology</i> . <b>32</b> (2019) ; 1880-1892	3,184 (2019.)	DA
363.	Stankov, Vladimir; Cvetnić, Matija; Novak Stankov, Mirjana; Rogošić, Marko; Bolanča, Tomislav; Ukić, Šime. Retention modeling of gradient elutions: application of iso-to-grad approach for LC systems with dual-species eluent. // <i>Chromatographia</i> . <b>82</b> (2019) , 749-755	1,596 (2019.)	NE
364.	Stolar, Tomislav; Lukin, Stipe; Tireli, Martina; Sović, Irena; Karadeniz, Bahar; Kereković, Irena; Matijašić, Gordana; Gretić, Matija; Katančić, Zvonimir; Dejanović, Igor; di Michiel, Marco; Halasz, Ivan; Užarević, Krunoslav. Control of pharmaceutical cocrystal polymorphism on various scales by mechanochemistry: transfer from the laboratory batch to the large-scale extrusion processing. // <i>ACS sustainable chemistry &amp; engineering</i> . <b>7</b> (2019) , 7; 7102-7110	7,632 (2019.)	DA
365.	Sudar, Martina; Findrik, Zvezdana; Szekrenyi, Anna; Clapés, Pere; Vasić-Rački, Đurđa Reactor and microreactor performance and kinetics of the aldol addition of dihydroxyacetone to benzyloxycarbonyl-N-3-aminopropanal catalyzed by D-fructose-6-phosphate aldolase variant A129G. // <i>Chemical engineering communications</i> . <b>206</b> (2019) , 7; 927-939	1,802 (2019.)	DA
366.	Šagud, Ivana; Ratković, Ana; Cedilak, Matea; Zlatar, Ivo; Bosnar, Martina; Kelava, Vanja; Škorić, Irena. Antiinflammatory and antiproliferative activity of naphthoxazole, fused heterobenzoxazole and bridged benzobicyclic photoproducts. // <i>Croatica chemica acta</i> , <b>92</b> (2019) , 2; 191-201	0,812 (2019.)	DA
367.	Šagud, Ivana; Škorić, Irena; Burčul, Franko. Naphthoxazoles and heterobenzoxazoles: cholinesterase inhibiting and antioxidant activity. // <i>Turkish journal of chemistry</i> . <b>43</b> (2019) ; 118-124	0,981 (2019.)	DA
368.	Šagud, Ivana; Škorić, Irena; Vuk, Dragana; Ratković, Ana; Burčul, Franko. Acetyl- and butyrylcholinesterase inhibitory activity of selected photochemically synthesized polycycles. // <i>Turkish journal of chemistry</i> . <b>43</b> (2019) ; 1170-1182	0,981 (2019.)	DA
369.	Šoić, Ivana; Martinez, Sanja; Dubravić, Mia. Gel-electrolyte EIS setup used for probing of IR dried/cured industrial coatings. // <i>Progress in organic coatings</i> . <b>137</b> (2019) ; 105331, 11	4,469 (2019.)	NE
370.	Švarc, Anera; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa; Szekrenyi, Anna; Fessner, Wolf-Dieter; Charnock, Simon J.; Vrsalović Presečki, Ana. 2-Deoxyribose-5-phosphate aldolase from <i>Thermotoga maritima</i> in the synthesis of a statin side-chain precursor: characterization, modeling and optimization. // <i>Journal of chemical technology and biotechnology</i> . <b>94</b> (2019) , 6; 1832-1842	2,750 (2019.)	DA

371.	Tišma, Marina; Tadić, Toma; Budžaki, Sandra; Ostojčić, Marta; Šalić, Anita; Zelić, Bruno; Tran, Nghiep Nam; Ngothai, Yung; Hessel, Volker. Lipase production by solid-state cultivation of <i>Thermomyces lanuginosus</i> on by-products from cold-pressing oil production. // <i>Processes</i> . <b>7</b> (2019) , 7; 465, 12	2,753 (2019.)	DA
372.	Tolić, Kristina; Mutavdžić Pavlović, Dragana; Židanić, Dolores; Runje, Mislav. Nitrofurantoin in sediment and soils: sorption, isotherms and kinetics. // <i>Science of the total environment</i> . <b>681</b> (2019) ; 9-17	6,551 (2019.)	DA
373.	Tomaz, Ivana; Šikuten, Iva; Preiner, Darko; Andabaka, Željko; Huzanić, Nera; Lesković, Matija; Karoglan Kontić, Jasminka; Ašperger, Danijela. Stability of polyphenolic extracts from red grape skins after thermal treatments. // <i>Chemical papers</i> . <b>73</b> (2019) , 1; 195-203	1,680 (2019.)	DA
374.	Ukić, Šime; Sigurnjak, Marija; Cvetnić, Matija; Markić, Marinko; Novak Stankov, Mirjana; Rogošić, Marko; Rasulev, Bakhtiyor; Lončarić Božić, Ana; Kušić, Hrvoje; Bolanča, Tomislav. Toxicity of pharmaceuticals in binary mixtures: assessment by additive and non-additive toxicity models. // <i>Ecotoxicology and environmental safety</i> . <b>185</b> (2019) ; 109696, 9	4,872 (2019.)	DA
375.	Vidak, Andrej; Odžak, Senad; Mešić, Vanes. Teaching about thermal expansion: investigating the effectiveness of a cognitive bridging approach. // <i>Research in science &amp; technological education</i> . <b>37</b> (2019) ; 324-345	1,111 (2019.)	DA
376.	Vidović, Elvira; Faraguna, Fabio; Jukić, Ante. Miscibility and properties of low molecular mass Poly(L-lactide) and Poly(methyl methacrylate) blends. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 363-376	0,960 (2019.)	NE
377.	Vrsalović, Mislav; Vrsalović Presčki, Ana. Admission C-reactive protein and outcomes in acute aortic dissection: a systematic review. // <i>Croatian medical journal</i> . <b>60</b> (2019) ; 309-315	1,247 (2019.)	DA
378.	Vuk, Dragana; Horváth, Ottó; Škorić, Irena. New functionalized polycycles obtained by photocatalytic oxygenation using Mn(III) porphyrins in basic media. // <i>Catalysts</i> . <b>9</b> (2019) ; 304, 12	3,520 (2019.)	DA
379.	Vuković Domanovac, Marija; Šabić Runjavec, Monika; Meštrović, Ernest. Bioaugmentation effect of <i>Aeromonas hydrophila</i> and <i>Pseudomonas putida</i> on kinetics of activated sludge process in treating pharmaceutical industrial wastewater. // <i>Journal of chemical technology and biotechnology</i> . <b>94</b> (2019) , 8; 2721-2728	2,750 (2019.)	DA
380.	Zagajski Kučan, Kristina; Rogošić, Marko. Purification of motor fuels by means of extraction using deep eutectic solvent based on choline chloride and glycerol. // <i>Journal of chemical technology and biotechnology</i> . <b>94</b> (2019) , 4; 1282-1293	2,750 (2019.)	NE
381.	Zdraveva, Emilija; Mijović, Budimir; Govorčin Bajsić, Emi; Slivac, Igor; Holjevac Grgurić, Tamara; Tomljenović, Antoneta; Zubin Ferri, Tea; Ujčić, Massimo. Electrospun PCL/cefuroxime scaffolds with custom tailored topography. // <i>Journal of experimental nanoscience</i> . <b>14</b> (2019) , 1; 41-55	2,169 (2019.)	DA
382.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Flux decline study of tubular ceramic and flat sheet UF membranes in textile wastewater treatment. // <i>Chemical and biochemical engineering quarterly</i> . <b>33</b> (2019) , 3; 405-415	0,960 (2019.)	DA

383.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Performance evaluation of different membrane types in the textile mercerization wastewater treatment. // <i>Water and environment journal</i> . <b>33</b> (2019) , 2; 203-213	1,426 (2019.)	DA
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**Tablica 5.5.2.** Popis radova nastavnika u bazi podataka Scopus bez radova u bazi WoSCC u razdoblju 1.1.2015. – 31.12.2019. (za tablicu 5.5.)

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	Suradnja s drugim visokim učilištima i znanstvenim organizacijama
1.	Faraguna, Fabio; Jukić, Ante. Novi petrokemijski procesi na temelju izravne pretvorbe metana. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>64</b> (2015); 1-2; 27-37	-	NE
2.	Le Cunff, Jérôme; Tomašić, Vesna; Gomzi, Zoran. Preparation and photoactivity of the immobilized TiO <sub>2</sub> /chitosan layer. // <i>Chemical engineering transactions</i> . <b>43</b> (2015) ; 865-870	-	DA
3.	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> . <b>64</b> (2015); 3-4; 109-116	-	DA
4.	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> . <b>64</b> (2015); 5-6; 229-236	-	DA
5.	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> . <b>51</b> (2016) , 5; 556-562	-	DA
6.	Periša, Martina; Babić, Sandra. Farmaceutici u okolišu. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>65</b> (2016); 9-10; 471-482	-	NE
7.	Šešelj, Nedjeljko; Sačer, Denis; Kraljić Roković, Marijana. Karakterizacija pseudokapacitivnih svojstava kemijski priređenog MnO <sub>2</sub> te kompozita MnO <sub>2</sub> /polipirrol. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>65</b> (2016); 127-136	-	DA
8.	Žužić, Andreja; Filipan, Veljko. Absorption cooling devices with LiBr/H <sub>2</sub> O as working media. // <i>Chemical engineering transactions</i> . <b>52</b> (2016); 61-66	-	NE
9.	Babić, Sandra; Čurković, Lidija; Ljubas, Davor; Čizmić, Mirta. TiO <sub>2</sub> assisted photocatalytic degradation of macrolide antibiotics. // <i>Current opinion in green and sustainable chemistry</i> . <b>6</b> (2017) ; 34-41	-	DA
10.	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> . <b>57</b> (2017) ; 889-894	-	NE
11.	Hajdari Gretić, Zana; Rahelić, Tin; Vrsaljko, Domagoj. Materijali za izradu mikroreaktora. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017) , 11-12; 633-640	-	NE
12.	Kosar, Vanja; Kraljević, Zlatko; Radović, Marina. Modeliranje procesa umreženja izolacije izoliranih vodiča energetskih kabela. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017) , 11-12; 591-599	-	NE
13.	Kučić, Dajana; Briški, Felicita. Emissions of gases during composting of solid waste. // <i>Kemija u industriji : časopis kemičara i tehnologa Hrvatske</i> . <b>66</b> (2017) , 9-10; 467-474	-	NE
14.	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> . <b>66</b> (2017) , 5-6; 241-248	-	NE

15.	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> . <b>66</b> (2017) , 3-4; 119-128	-	DA
16.	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> . <b>6</b> (2018) , 2; 240-253	-	NE
17.	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> . <b>2018</b> (2018) ; 4546230-1-4546230-11	-	NE
18.	Herceg, Srećko; Ujević Andrijić, Željka; Bolf, Nenad. Continuous estimation of the key components content in the isomerization process products. // <i>Chemical engineering transactions</i> . <b>69</b> (2018) ; 79-84	-	NE
19.	Kučić Grgić, Dajana; Kovačević, Antonija; Lovrinčić, Ema; Očelić Bulatović, Vesna; Vuković Domanovac, Marija. Biorazgradnja bisfenola A u okolišu. // <i>Hrvatske vode</i> . <b>27</b> (2019) , 107; 1-6	-	NE

**Tablica 6.1.** Mobilnost nastavnika i suradnika za akademsku godinu 2018./2019.

	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	9	0	0	4	0	0
Nastavni	0	0	0	0	0	0
Stručni	0	0	0	2	0	0

Podaci iz materijala za sjednice Fakultetskog vijeća u navedenom razdoblju.

**Tablica 6.2.** Mobilnost studenata za akademsku godinu 2018./2019.

	Broj studenata u međunarodnoj razmjeni		
	1 – 3 mjeseca	3 – 6 mjeseci	6 i više mjeseci
Studenti ovoga visokog učilišta	3	17	0
Strani studenti	40	9	2

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 2018./2019.

Broj stručnih boravaka nenastavnog osoblja ovog visokog učilišta u inozemstvu		
1 – 3 mjeseca	3 – 6 mjeseci	6 i više mjeseci
1	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 <sup>2</sup> )	Ukupna površina prostora za obavljanje znanstvenih istraživanja (m <sup>2</sup> )	
					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	1913.		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 <sup>2</sup> )	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
<b>Ukupno</b>		<b>669,82</b>	<b>581</b>		
<b>Računalne učionice</b>					
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
<b>Ukupno</b>		<b>117,6</b>	<b>44</b>		

**Tablica 7.3.** Laboratoriji/praktikumi koji se koriste u nastavi

Identifikacija zgrade	Interni oznaka prostorije (laboratorija/praktikuma)	Površina (m <sup>2</sup> )	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
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

Identifikacija zgrade	Interna oznaka prostorije (laboratorija/praktikuma)	Površina (m <sup>2</sup> )	Broj radnih mjesta za studente	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
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
<b>Ukupno</b>		<b>2289,73</b>			

**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 <sup>2</sup> )	Ocjena opremljenosti (1 - 5)	Prosječna površina (m <sup>2</sup> ) 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

Identifikacija zgrade	Broj nastavničkih kabineta	Prosječna površina (m <sup>2</sup> )	Ocjena opremljenosti (1 - 5)	Prosječna površina (m <sup>2</sup> ) po stalno zaposlenom nastavniku/suradniku
Savska cesta 16/III	10	14,71	5	13,37
Savska cesta 16/5A	3	14,86	4	14,86
<b>Ukupno</b>	<b>97</b>	<b>15,56</b>	<b>4</b>	<b>13,05</b>

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

Identifikacija zgrade	Interna oznaka prostorije ili oznaka laboratorija	Površina (m <sup>2</sup> )	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
<b>Ukupno</b>		<b>174,11</b>		

**Tablica 7.8.** Prostor koji se koristi samo za stručni rad

Identifikacija zgrade	Interna oznaka prostorije ili oznaka laboratorija	Površina (m <sup>2</sup> )	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
<b>Ukupno</b>		<b>109,15</b>		

**Tablica 7.9.** Kapitalna oprema

Kapitalna oprema prikazana je u tablici po vrstama temeljem Pravilnika o proračunskom računovodstvu i računskom planu. Ulaganjem u unapređenje djelatnosti fakultet obnavlja računalnu i uredsku opremu najvećim dijelom angažiranjem vlastitih prihoda ustanove. Nabavljena laboratorijska oprema financirana je većim dijelom iz namjenskih prihoda za rad na projektima sredstvima Hrvatske zaklade za znanost, te dijelom iz prihoda po EU projektima.

Računala i računalna oprema	276.762
Uredski namještaj	213.956
Ostala uredska oprema	138.621
Laboratorijska oprema	1.663.795
<b>Ukupno</b>	<b>2.316.154</b>

**Tablica 7.10. Opremljenost knjižnice**

Ukupna površina (m <sup>2</sup> )		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)*****
19177	197 (broj naslova) 855 primjeraka**	4	0 u 2019. 383 ukupno***	4 u 2019. 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	2017.	2018.	2019.
		kalendarska godina (kn)	kalendarska godina (kn)	kalendarska godina (kn)
<b>1.</b>	<b>PRIHODI IZ DRŽAVNOG PRORAČUNA -skupina 67 =AOP 130</b>	<b>31.256.615</b>	<b>32.613.175</b>	<b>34.955.405</b>
1.1.	Plaće za zaposlene	26.211.125	27.585.171	29.496.543
1.2.	Troškovi poslovanja (uključena terenska nastava) *prijevoz*	765.189	718.818	732.113
1.3.	Vanjska suradnja	0	0	0
1.4.	Domaći znanstveni projekti - potpore istraživanjima	442.895	513.391	733.647
1.5.	Prihod od participacije školarina	3.028.418	3.036.041	2.392.496
1.6.	Nabava časopisa	0	0	0
1.7.	Tekuće održavanje	0	0	0
1.8.	Izgradnja i investicijsko održavanje	200.000	0	625.000
1.9.	Ukupno ostale vrste prihoda (sistematski pregledi, potpore po TKU, jubilarne nagrade, darovi, božićnica, regres, studentski programi+mobilnost)	608.988	759.754	975.606
<b>2.</b>	<b>PRIHODI IZ PRORAČUNA OSTALIH JAVNIH IZVORA</b>	<b>0</b>	<b>0</b>	<b>0</b>
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
<b>3.</b>	<b>PRIHODI PO SKUPINI 63, 64 i 72 =AOP 045+AOP 074+AOP 302</b>	<b>1.285.254</b>	<b>1.553.783</b>	<b>1.899.123</b>
3.1.	Prihodi od kamata	601	599	566
3.2.	Prihodi od bilateralnih i EU projekata	1.264.740	1.522.306	1.855.701
3.3.	Prihod od otplate stanova + otkup opreme	19.913	30.878	42.856
<b>4.</b>	<b>PRIHODI OD VLASTITE DJELATNOSTI -podskupina 661 =AOP 124</b>	<b>2.151.730</b>	<b>1.867.029</b>	<b>2.385.700</b>
4.1.	Školarine – poslijediplomski specijalistički studij	197.600	257.000	156.000
4.2.	Školarine – poslijediplomski doktorski studij	262.993	317.000	278.800
4.3.	Znanstveni i stručni projekti	0	0	0
4.4.	Stručni projekti – sufinanciranje projekata	32.000	45.854	90.457
4.5.	Ostali prihod (upisnine studenata, indeksi i ostale vrste prihoda; režije, najam i izbor u znanstveno zvanje)	246.927	248.902	311.161
4.6.	Prihod od skriptarnice (roba i knjige)	7.255	2.943	10.150

4.7.	Prihod od kotizacija	91.777	93.423	56.694
4.8.	Prihod od suradnje	1.313.178	901.907	1.482.438
5.	PRIHODI PO POSEBNIM PROPISIMA -skupina 65 =AOP 105	<b>5.125.746</b>	<b>5.160.136</b>	<b>6.861.350</b>
5.1.	Školarine – preddiplomski i diplomski studij	1.414.203	1.510.170	1.381.048
5.2.	Dodatna provjera posebnih znanja, vještina i sposobnosti (ako se provodi uz ispite državne mature)	0	0	0
5.3.	Naknade za upis	114.900	114.000	114.840
5.4.	Naplate studenskih molbi, potvrđnica, diplome, indeksi, razredbeni	91.263	99.458	93.410
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-stud.programi*)	171.350	275.017	129.069
5.6.	Prihodi od Hrvatske zaklade za znanost - t. 4.3./2015.	3.334.030	3.161.491	5.142.983
6.	OSTALI (NESPOMENUTI) PRIHODI -podskupina 663 =AOP 127	<b>25.102</b>	<b>208.655</b>	<b>36.172</b>
6.1.	Tekuće donacije od ostalih subjekata (Končar-Tehnologijada, nagrade; INA – nagrade studentima...)	25.102	11.000	24.281
6.2.	Kapitalne donacije izvan proračuna (Hebe, Fidelta - UHPLC instrument, spektrometar...)	0	197.655	11.891
A	UKUPNI PRIHODI POSLOVANJA +PRIHODI OD NEF. IMOVINE = AOP 629	<b>39.844.447</b>	<b>41.402.778</b>	<b>46.137.750</b>

	RASHODI	2017.	2018.	2019.
		kalendarska godina (kn)	kalendarska godina (kn)	kalendarska godina (kn)
<b>1.</b>	<b>RASHODI ZA ZAPOSLENE</b> -skupina 31 <b>=AOP 149</b>	<b>28.979.204</b>	<b>30.197.052</b>	<b>32.720.174</b>
<b>1.1.</b>	Plaće za zaposlene -podskupina 311	24.143.364	25.051.630	27.183.335
<b>1.2.</b>	Ukupni ostali rashodi -podskupine 312 + 313  (*doprinosi na plaću, regres, božićnica, potpore za dijete i dar djeci – samo oporezive isplate!)	4.244.893	4.476.095	5.536.839
<b>2.</b>	<b>MATERIJALNI RASHODI</b> -skupina 32 <b>=AOP 160</b>	<b>8.191.340</b>	<b>8.984.829</b>	<b>9.416.466</b>
<b>2.1.</b>	Ostali rashodi za zaposlene -podskupina 321	1.520.324	1.885.598	1.815.699
<b>2.1.1.</b>	Službena putovanja	439.736	683.029	626.378
<b>2.1.2.</b>	Stručno usavršavanje	173.583	237.448	226.016
<b>2.1.3.</b>	Ostali rashodi; troškovi prijevoza, parkinga, korištenje privatnog automobila u službene svrhe	907.005	965.121	963.305
<b>2.2.</b>	Rashodi za materijal i energiju -podskupina 322	2.752.885	2.424.400	3.191.327
<b>2.2.1.</b>	Uredski materijal i ostali materijalni rashodi (troškovi prodane robe i knjiga, časopisi, sredstva za čišćenje) *konta: 3221900, 3221200, 3221400,3222510,3222500	318.851	466.962	613.433
<b>2.2.2.</b>	Laboratorijski materijal (kemikalije, kolone, potrošni materijal, voda u bočicama i aparatima) *konta:3221900,3222100,3222200,3222400	863.916	734.162	1.135.458
<b>2.2.3.</b>	Energija	784.750	751.734	885.257
<b>2.2.4.</b>	Materijal i dijelovi za tekuće i investicijsko održavanje	191.361	308.422	278.828
<b>2.2.5.</b>	Sitni inventar	556.088	97.487	256.518
<b>2.2.6.</b>	Službena, radna i zaštitna odjeća i obuća	37.919	65.633	21.833
<b>2.3.</b>	Rashodi za usluge -podskupina 323	3.330.204	4.087.414	3.720.362
<b>2.3.1.</b>	Telefon, pošta, prijevoz	86.618	99.956	130.848
<b>2.3.2.</b>	Usluge tekućeg i investicijskog održavanja	1.309.871	1.664.997	1.197.379
<b>2.3.3.</b>	Promidžba i informiranje	106.796	130.053	117.198
<b>2.3.4.</b>	Komunalne usluge	497.952	457.920	493.229
<b>2.3.5.</b>	Zakup, najam	174.425	143.730	186.198
<b>2.3.6.</b>	Intelektualne i osobne usluge (ugovori o djelu, autorski honorari, pravne i ostale usluge, usluge agencija i studentskog centra...)*osim vanjske suradnje (1207 fond)	630.888	957.373	797.947
<b>2.3.7.</b>	Vanjska suradnja - 1207 fond, konto 3237205	123.928	112.841	205.348
<b>2.3.8.</b>	Računalne usluge	244.678	197.629	208.705
<b>2.3.9.</b>	Ukupni ostali rashodi (grafičke usluge, usluge čišćenja i pranja, obvezni i preventivni pregledi zaposlenika)	278.976	322.915	383.510



2.4.	Naknade troškova osobama izvan radnog odnosa -podskupina 324	292.342	256.331	273.058
2.5.	Ostali nespomenuti rashodi poslovanja -podskupina 329	603.724	331.086	416.020
2.5.1.	Premije osiguranja	15.701	15.701	66.807
2.5.2.	Reprezentacija	144.252	134.846	171.915
2.5.3.	Članarine, pristojbe i naknade	122.703	180.539	177.298
3.	FINANCIJSKI RASHODI -skupina 34 =AOP 193	<b>77.408</b>	<b>125.947</b>	<b>152.121</b>
3.1.	Bankarske usluge i usluge platnog prometa -podskupina 343 (3431100+3431200)	28.390	34.450	32,237
3.2.	Kamate -podskupina 343, konto 3433900	0	0	0
3.3.	Negativne tečajne razlike -podskupina 343 (3432100)	336	938	1.396
3.4.	Ostali nespomenuti rashodi (npr. izbor u zvanje) -podskupina 343 (3434900)	48.682	90.559	118.488
4.	NAKNADE GRAĐANIMA I POMOĆI -skupina 36, 37 i 38 (stipendije i školarine + donacije+ tekući prijenosi između proračunskih korisnika)	<b>128.990</b>	<b>67.247</b>	<b>81.315</b>
5.	RASHODI OD NEFINANCIJSKE IMOVINE -- skupina 42 i 45 (razred 4) =AOP 354 + AOP 393 (troškovi dugotrajne imovine + dodatna ulaganja na nefinancijskoj imovini)	<b>1.930.568</b>	<b>1.646.802</b>	<b>2.331.486</b>
5.1.	Poslovni objekti	0	0	0
5.2.	Računalna oprema	0	170.870	299.782
5.3.	Laboratorijska oprema	737.280	980.942	1.663,795
5.4.	Uredska oprema - namještaj	725.213	50.875	213.956
5.5.	Komunikacijska oprema	0	0	0
5.6.	Ostala oprema	19.435	382.140	138.621
5.7.	Literatura	68.314	29.338	15.332
5.8.	Ulaganja u postrojenja, strojeve i ostalu opremu	0	0	0
5.9.	Dodatna ulaganja na građevinskim objektima	380.326	32.637	0
05.10.	Ukupno ostalo (ulaganja u računalne programe)	0	0	0
	RASHODI POSLOVANJA – razred 3 =AOP 148	<b>37.376.942</b>	<b>39.375.075</b>	<b>42.370.076</b>
B	UKUPNO RASHODI POSLOVANJA + RASHODI OD NEF. IMOVINE -razred 3 i 4 =AOP 630	<b>39.307.510</b>	<b>41.021.877</b>	<b>44.701.562</b>
	Manjak (AOP 632)/ Višak (AOP 631)	536.937	380.901	1.436.188
C	Preneseno stanje iz prethodne godine	1.294.561	381.829	762.730
	UKUPNO STANJE 31. 12. (A-B+C) =AOP 635 PR-RAS obrasca	<b>1.831.498</b>	<b>762.730</b>	<b>2.198.918</b>

Analizom financijskih pokazatelja za fiskalnu 2019. godinu ostvaren je višak prihoda poslovanja u iznosu 1.436.188 kn. Razlog su primljena namjenska sredstva od Hrvatske zaklade za znanost po projektima čije izvršenje je u narednom razdoblju. Udio projekata financiranih sredstvima HRZZ-a u ukupnim prihodima po posebnim propisima je 75 %, što je značajno povećanje u odnosu na prethodnu godinu. Znanstvena istraživanja i rezultati takvih projekata vrlo su bitni kako za gospodarski sektor tako i za zapošljavanje mladih istraživača, doktoranada čije troškove plaća i materijalnih prava u cijelosti pokrivaju namjenska sredstva.

Djelomično, utjecaj na ostvarenje viška prihoda poslovanja 2019. godine ima i namjenski prihod za kapitalna ulaganja čija realizacija je u polugodišnjem razdoblju 2020. godine.

Prostora za povećanje vlastitih prihoda i namjenskih prihoda za realizaciju stručnih skupova, kongresaa i radionica u organizaciji fakulteta uvijek ima. Realizirani prihodi po potpisanim ugovorima i temeljem narudžbi iz gospodarskog sektora na području analiza, ekspertiza, raznih usluga vještačenja, izradu studija, elaborata i ostalih usluga, predstavljaju 81,4 % u odnosu na ukupne vlastite prihode odjeljka 6615 sukladno proopisima Pravilnika o proračunskom računovodstvu i računskom planu. Udio ostvarenih prihoda po školarinama za poslijediplomske studije iznosi 18,6 % u ukupnim prihodima iz vlastite djelatnosti.

Prihodi iz EU fondova također imaju trend rasta i vrlo su značajna stavka na razini ustanove. Fakultet se sve više okreće na ostvarenje prihoda izvan opće države, tako da smo prepoznati kao dobar poslovni partner kroz ulogu nositelja projekta ili partnera na projektu.