



FKITMCMXIX

Sveučilište u Zagrebu
Fakultet kemijskog
inženjerstva i tehnologije



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I.

Prihvaća se Godišnja Samoanaliza Fakulteta za 2021. godinu.

II.

Godišnja Samoanaliza Fakulteta iz t. I. nalazi se u prilogu Odluke i čini njezin sastavni dio.

III.

Ova Odluka stupa na snagu danom donošenja i objavit će se na Intranetu Fakulteta.



Dostaviti:

1. Pismohrani, ovdje



University of Zagreb
Faculty of Chemical
Engineering and Technology

FKITMCMXIX



**Godišnja Samoanaliza Fakulteta kemijskog
inženjerstva i tehnologije Sveučilišta u
Zagrebu za ak. god. 2021./2022.**

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II. STUDIJSKI PROGRAMI

Tablica 2.1. 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
2018./2019.	nije dostavljeno od Sveučilišta	nije dostavljeno od Sveučilišta
2019./2020.	3,26	3,47

III. NASTAVNI PROCES I PODRŠKA STUDENTIMA

Tablica 3.1. Broj studenata po studijskom programu u akademskoj godini 2021./2022.

Naziv studijskog programa	Redoviti studenti	Izvanredni studenti
Chemical and Environmental Technology (1488), diplomski sveučilišni studij, Zagreb	8	0
Ekoinženjerstvo (1706), poslijediplomski specijalistički studij, Zagreb	0	33
Kemijsko inženjerstvo (1710), preddiplomski sveučilišni studij, Zagreb	247	0
Kemijsko inženjerstvo (1711), diplomski sveučilišni studij, Zagreb	91	0
Kemija i inženjerstvo materijala (1712), preddiplomski sveučilišni studij, Zagreb	182	0
Kemija i inženjerstvo materijala (1713), diplomski sveučilišni studij, Zagreb	77	0
Primijenjena kemija, smjerovi: Kemija u zaštiti okoliša i izvori energije, Specifični materijali i napredne tehnologije, Primijenjena organska kemija (1714), preddiplomski sveučilišni studij, Zagreb	188	0
Primijenjena kemija, smjerovi: Kemija u zaštiti okoliša i izvori energije, Specifični materijali i napredne tehnologije, Primijenjena organska kemija (1715), diplomski sveučilišni studij, Zagreb	75	0
Ekoinženjerstvo (1716), preddiplomski sveučilišni studij, Zagreb	147	0
Ekoinženjerstvo (1717), diplomski sveučilišni studij, Zagreb	48	0
Kemijsko inženjerstvo i primijenjena kemija (1719), poslijediplomski sveučilišni (doktorski) studij, Zagreb	0	139
Ukupno	1063	172

Tablica 3.2. Struktura upisanih studenata i zanimanje za preddiplomske studijske programe 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	Pros. ocjena	Broj	Pros. ocjena	Broj	Pros. ocjena
2021./2022.	456	63	69	55+3 stranca	55	-	-	-	50	4,63	5	4,60	-	-
2020./2021.	468	63	60	55+3stranca	55	-	-	-	50	4,58	5	4,24	0	0
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

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	Pros. ocjena	Broj	Pros. ocjena	Broj	Pros. ocjena
2021./2022.	224	42	40	55+3 stranca	55	-	-	-	43	4,42	12	4,33	-	-
2020./2021.	240	44	36	55+3 stranca	55	-	-	-	44	4,4	11	4,52	-	-
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

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	Pros. ocjena	Broj	Pros. ocjena	Broj	Pros. ocjena
2021./2022.	150	21	23	55+2 stranca	40	-	-	-	33	4,20	7	4,12	-	-
2020./2021.	207	31	36	55+2 stranca	55	-	-	-	40	4,14	15	4,54	-	-
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

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	Pros. ocjena	Broj	Pros. ocjena	Broj	Pros. ocjena
2021./2022.	366	50	59	55+2 stranca	54	-	-	-	52	4,33	2	4,35	-	-
2020./2021.	361	49	57	55+2stranca	55	-	-	-	50	4,53	5	4,23	0	0
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

*podatci za samovrjednovanje preuzeti sa stranica Središnjeg prijavnog ureda

Tablica 3.3. Struktura upisanih studenata i zanimanje za diplomske i poslijediplomske studijske programe u tekućoj i posljednje četiri godine*

Kemijско инженерство	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani		
2021./2022.	62	50	50(2 stranac)	-	-	-	1 (studenti s FKIT-a, promjena studija)	3,747
2020./2021.	50	40	40(1 stranac)	-	-	-	0	3,783
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

Kemija i инженерство materijala	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani		
2021./2022.	62	40	40 (1 stranca)	-	-	-	1 (studenti s FKIT-a, promjena studija)	3,642
2020./2021.	49	33	35 (2 stranca)	-	-	-	0	3,710
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

Ekoinженерство	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani		
2021./2022.	51	30	35 (1 stranca)	-	-	-	8 (studenti s FKIT-a, promjena studija)	3,533
2020./2021.	33	15	35 (1 stranca)	-	-	-	3 (studenti s FKIT-a, promjena studija)	3,717
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

Primijenjena kemija	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani		
2021./2022.	42	39	40 (1 stranac)	-	-	-	3 (studenti s FKIT-a, promjena studija)	3,699
2020./2021.	40	34	40 (1 stranac)	-	-	-	0	3,735
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

Chemical and Environmental Technology	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
	Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani		

2021./2022.	13 stranaca+ 3 EU	1	15 EU (10stranaca)	-	-	-	1	3,970
2020./2021.	7	5	15	-	-	-	3	3,32
2019./2020.	6	4	15	-	-	-	5	3,97
2018./2019.	-	-	-	-	-	-		

* Prosječna ocjena svih upisanih studenata na studiju

Naziv studijskog programa	Redovni studenti			Izvanredni studenti*			Broj studenata koji dolaze s drugog visokog učilišta	Prosječna ocjena**
	Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani#		
KIPK 2021./2022.	-	-	-	20	20	20	5 (1 PBF Osijek; 1 Odjel za kemiju Osijek; 1 FER; 1 PMF; 1 Gebze Technical University, Turska;	4,681
KIPK 2020./2021.	-	-	-	41	41	40	6 (3 PMF, 1 PMF Split, 1 KTF Split, 1 Odjel za kemiju Osijek)	4,692
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

* 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 3.4. Prolaznost na studijskom programu

a) Preddiplomski 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
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
2015./2016.	46	2	11	33	28	3(20)	3,574
2016./2017.	46	2	1	43	31	3(14)	3,660

Kemija i inženjerstvo materijala

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja [#]	Prosječna ocjena studija
2007./2008.	19	1	2	16	11	1 (15)	3,651
2008./2009.	18	2	5	11	17	1 (14)	3,574
2009./2010.	35	8	8	19	18	3 (15)	3,575
2010./2011.	21	4	13	4	7	1 (10)	2,997
2011./2012.	29	4	3	22	23	7 (27)	3,025
2012./2013.	23	20	14	25	20	6 (30)	3,080
2013./2014.	41	3	25	13	11	2 (30)	3,025
2014./2015.	30	5	14	36	24	0 (25)	2,899
2015./2016.	47	8	18	21	34	7(13)	3,165
2016./2017.	34	0	2	32	18	1(21)	3,575

Ekoinženjerstvo

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja [#]	Prosječna ocjena studija
2007./2008.	47	10	11	26	24	2 (23)	3,326
2008./2009.	35	3	15	17	14	4 (24)	3,285

2009./2010.	47	10	16	21	22	7 (40)	3,417
2010./2011.	41	9	14	18	17	3 (28)	3,292
2011./2012.	36	1	1	34	31	3 (21)	3,265
2012./2013.	33	10	9	51	25	8 (29)	3,222
2013./2014.	37	15	11	11	12	7 (43)	3,280
2014./2015.	29	6	1	48	13	3 (23)	3,156
2015./2016.	41	4	8	29	19	6(26)	3,285
2016./2017.	29	0	0	29	12	2(26)	3,417

Primijenjena kemija

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja [#]	Prosječna ocjena studija
2007./2008.	34	2	3	29	22	0 (3)	3,817
2008./2009.	29	1	2	26	21	0 (8)	3,812
2009./2010.	44	5	7	32	25	3 (14)	3,608
2010./2011.	35	4	15	16	18	3 (14)	3,322
2011./2012.	34	2	3	29	31	2 (24)	3,230
2012./2013.	48	7	13	40	40	0 (12)	3,382
2013./2014.	46	7	20	19	24	4 (26)	3,400
2014./2015.	37	8	7	41	36	2 (16)	3,344
2015./2016.	49	9	13	29	38	9(26)	
2016./2017.	40	1	1	38	30	0(15)	3,743

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

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

b) Diplomski studijski programi

Kemijsko inženjerstvo

Godina upisa	Broj upisanih studenata	Broj studenata koji su ostvarili do 1/3 mogućih ECTS bodova	Broj studenata koji su ostvarili od 1/3 do 2/3 mogućih ECTS bodova	Broj studenata koji su ostvarili više od 2/3 mogućih ECTS bodova	Broj diplomiranih studenata	Broj studenata koji su izgubili pravo studiranja	Prosječna ocjena studija
2008./2009.	19	0	0	19	19	0	4,125
2009./2010.	23	0	0	23	23	0	4,012
2010./2011.	27	0	0	27	27	0 (2) [#]	3,996
2011./2012.	17	0	0	17	17	0	3,895
2012./2013.	35	0	0	35	35	0 (1)	4,026
2013./2014.	34	1	1	32	34	0	4,443
2014./2015.	36	1	2	33	33	2 (1)	4,454
2015./2016.	36	0	0	36	36	0	4,532
2016./2017.	36	0	0	36	36	0	4,613
2017./2018.	37	0	0	37	37	0	4,222
2018./2019.	38	0	0	38	38	0	4,629

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
2017./2018.	25	0	0	25	25	0	4,515
2018./2019.	32	0	0	32	32	0	4,460

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
2017./2018.	21	0	0	20	20	1	4,286
2018./2019.	32	1	0	31	31	1	4,592

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
2017./2018.	37	0	0	37	37	0	4,474
2018./2019.	40	0	0	40	40	0	4,617

Chemical and Environmental Technology

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
2018./2019.	-	-	-	-	-	-	-

* 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 3.5. Završnost na studijskom programu

Kemijsko inženjerstvo (1710), preddiplomski sveučilišni studij, Zagreb

Kohorta studenata	upisanih	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009		67	19	0	48	3,8
2010		64	26	0	38	5,1
2011		69	36	0	36	4,5
2012		76	39	0	37	4,2
2013		66	29	0	37	4,2
2014		84	31	0	53	3,6
2015		121	45	0	76	3,6
2016		94	46	0	48	3,3
2017		93	52	0	41	3
2018		83	44	1	28	3,4

*Ne uključuje prelaskes s drugih VU

Kemija i inženjerstvo materijala (1712), preddiplomski sveučilišni studij, Zagreb

Kohorta studenata	upisanih	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2013		58	20	0	38	3,9
2014		68	27	0	41	3,8
2015		104	45	1	58	3,5
2016		67	26	7	34	3,7
2017		75	13	27	35	3
2018		62	21	2	39	3,7

*Ne uključuje prelaskes s drugih VU

Primijenjena kemija; smjerovi: Kemija u zaštiti okoliša, Specifični materijali i napredne tehnologije, Primijenjena organska kemija (1714) preddiplomski sveučilišni studij, Zagreb

Kohorta studenata	upisanih	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009		58	31	0	27	3,5
2010		46	20	0	26	3,6
2011		59	31	0	28	3,5
2012		72	40	0	32	3,7

2013	82	31	0	51	3,7
2014	55	36	0	19	4
2015	76	43	0	33	3,7
2016	62	44	0	18	3,6
2017	67	34	3	30	3,5
2018	63	35	1	30	3,6

*Ne uključuje prelaske s drugih VU

Ekoinženjerstvo (1716) preddiplomski sveučilišni studij, Zagreb

Kohorta upisanih studenata	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009	74	22	0	52	3,8
2010	68	18	0	50	4,5
2011	72	35	0	37	4,4
2012	70	25	0	45	4
2013	78	19	0	59	4,7
2014	63	15	0	48	4,1
2015	89	23	0	66	4,1
2016	75	22	1	52	4,5
2017	64	18	2	44	3,4
2018	63	35	1	30	3,6

*Ne uključuje prelaske s drugih VU

Chemical and Environmental Technology (1488), diplomski sveučilišni studij, Zagreb

Kohorta upisanih studenata	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2018	-	-	-	-	-

*Ne uključuje prelaske s drugih VU

Kemijsko inženjerstvo (1711), diplomski sveučilišni studij, Zagreb

Kohorta upisanih studenata	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009	23	23	0	0	1,9
2010	29	27	0	0	1,9
2011	17	17	0	0	1,9
2012	36	35	0	1	1,9
2013	34	34	0	0	1,9
2014	36	33	0	3	1,9

2015	36	36	0	0	1,9
2016	36	36	0	0	2
2017	37	37	0	0	2
2018	38	38	0	0	2
2019	40	40	0	0	2

*Ne uključuje prelaske s drugih VU

Kemija i inženjerstvo materijala (1713), diplomski sveučilišni studij, Zagreb

Kohorta upisanih studenata	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009	9	9	0	0	1,9
2010	15	15	0	0	1,9
2011	16	14	0	2	1,9
2012	23	21	0	2	1,9
2013	13	11	0	2	1,9
2014	12	11	0	1	1,9
2015	22	21	0	1	2
2016	22	21	0	1	1,9
2017	25	25	0	0	1,9
2018	32	32	0	0	1,9
2019	33	33	0	0	1,9

*Ne uključuje prelaske s drugih VU

Primijenjena kemija; smjerovi: Kemija u zaštiti okoliša, Specifični materijali i napredne tehnologije, Primijenjena organska kemija (1715) diplomski sveučilišni studij, Zagreb

Kohorta upisanih studenata	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009	26	26	0	0	1,9
2010	25	25	0	0	1,9
2011	15	14	0	1	1,9
2012	29	29	0	0	1,9
2013	23	23	0	0	1,9
2014	26	26	0	0	2
2015	36	35	0	1	2
2016	36	35	0	1	2,1
2017	37	37	0	0	2
2018	40	40	0	0	2
2019	27	27	0	0	2

*Ne uključuje prelaske s drugih VU

Ekoinženjerstvo (1717) diplomski sveučilišni studij, Zagreb

Kohorta upisanih studenata	Broj upisanih studenata u generaciji	Broj diplomiranih studenata iz generacije	Broj studenata koji još studiraju iz generacije*	Broj studenata koji su izgubili pravo studiranja iz generacije*	Prosječno trajanje studiranja
2009	31	31	0	0	2
2010	16	16	0	0	2
2011	17	13	0	4	2
2012	18	17	0	1	2
2013	15	15	0	0	1,9
2014	15	13	0	2	2,2
2015	37	36	0	1	1,9
2016	37	35	0	2	2,2
2017	21	20	0	1	1,9
2018	32	31	0	1	1,9
2019	17	16	0	1	1,9

*Ne uključuje prelaske s drugih VU

Tablica 3.6. Mobilnost studenata

		Broj studenata u međunarodnoj razmjeni		
		1–3 mjeseca	3–6 mjeseci	6 i više mjeseci
2020/2021	Odlazna mobilnost	3	17	0
2020/2021	Dolazna mobilnost	40	9	2
2021/2022	Odlazna mobilnost	8	13	0
2021/2022	Dolazna mobilnost	LYON 33	2	1

Podaci iz materijala za sjednice Fakultetskog vijeća u navedenom razdoblju. Nisu uključene studentske prakse preko IAESTE.

Tablica 3.7. Zapošljavanje studenata koji su završili studij

Naziv studijskog programa	Ak.god	Broj studenata koji su završili studij u posljednjih pet godina	Broj nezaposlenih prema statistici Zavoda za zapošljavanje na dan 30. rujna 2022. (bez radnog iskustva)
Preddiplomski studij Kemijско inženjerstvo	2013./2014.	29	0
	2014./2015.	45	
	2015./2016.	37	
	2016./2017.	40	
	2017./2018.	35	
	2018./2019.	40	
	2019./2020.	45	
	2020./2021.	62	
2021./2022.	42		
Preddiplomski studij Kemija i inženjerstvo materijala	2013./2014.	11	0
	2014./2015.	21	
	2015./2016.	22	
	2016./2017.	25	
	2017./2018.	35	
	2018./2019.	35	
	2019./2020.	35	
	2020./2021.	40	
2021./2022.	19		
Preddiplomski studij Ekoinženjerstvo	2013./2014.	19	0
	2014./2015.	35	
	2015./2016.	38	
	2016./2017.	14	
	2017./2018.	23	
	2018./2019.	17	
	2019./2020.	18	
	2020./2021.	25	
2021./2022.	26		
Preddiplomski studij Primijenjena kemija	2013./2014.	25	0
	2014./2015.	37	

	2015./2016.	43	
	2016./2017.	36	
	2017./2018.	49	
	2018./2019.	32	
	2019./2020.	39	
	2020./2021.	37	
	2021./2022.	32	

Naziv studijskog programa	Ak. god.	Broj studenata koji su završili studij u posljednjih pet godina	Broj nezaposlenih prema statistici Zavoda za zapošljavanje na dan 31. lipnja 2022. (bez radnog iskustva)
Diplomski studij Kemijско inženjerstvo	2013./2014.	35	6
	2014./2015.	29	
	2015./2016.	37	
	2016./2017.	37	
	2017./2018.	32	
	2018./2019.	37	
	2019./2020.	39	
	2020./2021.	43	
Diplomski studij Kemija i inženjerstvo materijala	2013./2014.	18	2
	2014./2015.	15	
	2015./2016.	10	
	2016./2017.	21	
	2017./2018.	22	
	2018./2019.	24	
	2019./2020.	32	
Diplomski studij Ekoinženjerstvo	2013./2014.	19	2
	2014./2015.	14	
	2015./2016.	10	
	2016./2017.	34	
	2017./2018.	28	
	2018./2019.	30	
	2019./2020.	27	
Diplomski studij Primijenjena kemija	2013./2014.	29	1
	2014./2015.	21	
	2015./2016.	25	
	2016./2017.	31	
	2017./2018.	30	
	2018./2019.	39	
2019./2020.	40		

	2020./2021.	35	
	2021./2022.	29	
Diplomski studij Chemical and Environmental Technology	2020./2021.	2	0
	2021./2022.	6	0

Tablice koje slijede nisu sastavni dio MOZVAG-a

Tablica 3.8.a. Struktura studenata (preddiplomski i diplomski studiji)

Studijski program	Redoviti studenti								2020./2021.	2021./2022.
	2013./2014.	2014./2015.	2015./2016.	2016./2017.	2017./2018.	2018./2019.	2019./2020.			
Preddiplomski studij Kemijsko inženjerstvo	219	252	254	244	234	244	250	255	247	
Preddiplomski studij Kemija i inženjerstvo materijala	155	184	212	201	203	201	188	180	182	
Preddiplomski studij Ekoinženjerstvo	233	231	198	184	159	150	160	168	147	
Preddiplomski studij Primijenjena kemija	185	195	178	183	190	186	183	180	188	
Diplomski studij Kemijsko inženjerstvo (tri modula)	71	71	77	74	74	80	83	84	91	
Modul Kemijsko-procesno inženjerstvo	39	46	43	33	27	16	14	28	31	
Kemijsko inženjerstvo u zaštiti okoliša	16	12	7	0	0	0	12	24	29	
Kemijske tehnologije i proizvodi	16	13	27	41	47	64	57	32	31	
Diplomski studij Kemija i inženjerstvo materijala	36	27	34	44	48	58	66	67	77	
Diplomski studij Ekoinženjerstvo	36	30	53	78	63	66	51	39	48	

Diplomski studij Primijenjena kemija (tri modula)	54	50	64	74	80	89	77	71	75
Modul Kemija okoliša	8	9	11	6	10	14	7	11	22
Modul Specifični materijali i napredne tehnologije	24	20	29	32	28	30	28	32	28
Modul Primijenjena organska kemija	22	21	24	74	42	45	42	28	25
Ukupno	989	1040	1070	1082	1051	1074	1058	1044	1055

Tablica 3.8.b. Struktura studenata (doktorski studiji)

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

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
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
UKUPNO:	0	0	0	0	0	0	5	29	2	5

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
UKUPNO:	0	0	0	0	0	0	4	22	1	3

2019./2020.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	8	0	1
Samofinanciranje	0	0	0	0	0	0	1	1	0	0
UKUPNO:	0	0	0	0	0	0	1	9	0	1

2020./2021.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	7	0	0
Samofinanciranje	0	0	0	0	0	0	1	1	0	1
UKUPNO:	0	0	0	0	0	0	1	8	0	1

2021./2022.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	7	0	2
Samofinanciranje	0	0	0	0	0	0	1	0	0	0
UKUPNO:	0	0	0	0	0	0	1	7	0	2

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

2017./2018.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	0	0	0	0	0	0	2	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	6	4	3	0
Samofinanciranje	0	0	0	0	0	0	4	2	0	0

UKUPNO:	0	0	0	0	0	0	10	8	3	0
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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	0	1
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	5	3	2	0
Samofinanciranje	0	0	0	0	0	0	3	2	0	0
UKUPNO:	0	0	0	0	0	0	8	6	2	1

2019./2020.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	2	0	0
Samofinanciranje	0	0	0	0	0	0	0	0	0	0
UKUPNO:	0	0	0	0	0	0	0	2	0	0

2020./2021.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	2	0	0
Samofinanciranje	0	0	0	0	0	0	0	0	0	0
UKUPNO:	0	0	0	0	0	0	0	2	0	0

2021./2022.	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	0	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	2	0	0
Samofinanciranje	0	0	0	0	0	0	0	0	0	0
UKUPNO:	0	0	0	0	0	0	0	2	0	0

Doktorski studij Kemijsko inženjerstvo i primijenjena kemija

2020./2021.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	1	10	5	4	2	13	5	11	3	8
Stipendija	4 HRZZ + 4 projekt	7 HRZZ + 4 projekt	2 projekt	2 HRZZ 2 projekt	2 HRZZ	6 HRZZ	1 HRZZ	1 HRZZ	0	0
Troškove snosi pravna osoba	0	6	1	2	4	4	3	3	0	0
Samofinanciranje	2	3	2	1	4	2	8	5	2	2
UKUPNO:	11	30	10	11	12	25	17	20	5	10

2021./2022.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	0	1	1	10	5	4	7	16	4	5
Stipendija	4 HRZZ + 2 projekt	5 HRZZ + 1 projekt	4 HRZZ + 4 projekt	7 HRZZ + 5 projekt	2 projekt	1 HRZZ + 1 projekt	2 HRZZ	6 HRZZ	0	0
Troškove snosi pravna osoba	3	3	0	7	1	1	5	8	3	3
Samofinanciranje	0	2	2	0	2	1	10	7	0	2
UKUPNO:	9	12	11	29	10	8	24	37	7	10

Tablica 3.9.a. Analiza nezaposlenosti prema podacima Hrvatskog zavoda za zapošljavanje na dan 31. prosinac 2021.

Razina obrazovanja Obrazovni program	prosinac 2015.		prosinac 2016.		prosinac 2017.		prosinac 2018.		prosinac 2019.		prosinac 2020.		prosinac 2021	
	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	Ukupno	Od toga bez radnog iskustva
(3.2.2) preddiplomski sveučilišni studij 180 ECTS														
(51300/52.003) Ekoinženjerstvo	1	0	3	2	1	1	-	-	2	1	1	1	3	1
(51300/52.012) Kemijsko inženjerstvo	6	4	4	4	2	1	1	0	2	0	1	0	0	0
(51300/52.010) Kemija i inženjerstvo materijala	2	1	0	0	-	-	1	0	0	0	0	0	0	0
(51300/44.012) Primijenjena kemija	-	-	-	-	1	1	-	-	0	0	0	0	0	0
(4.5.3) diplomski sveučilišni studij 120 ECTS														
(51500/44.037) Primijenjena kemija; smjer: Kemija u zaštiti okoliša i izvori energije	3	1	3	0	3	2	1	0	1	0	3	2	2	2
(51500/44.038) Primijenjena kemija; smjer: Primijenjena organska kemija	5	3	7	5	6	4	11	10	9	6	7	6	9	5
(51500/44.039) Primijenjena kemija; smjer: Specifični materijali i napredne tehnologije	6	6	8	6	7	5	0	0	2	1	3	3	2	1
(51500/52.005) Ekoinženjerstvo	13	8	13	7	23	13	13	10	14	7	20	11	14	6
(51500/52.016) Kemija i inženjerstvo materijala	7	3	7	4	9	7	10	6	12	10	17	10	11	6
(51500/52.018) Kemijsko inženjerstvo	18	13	18	13	18	14	22	13	13	9	25	17	14	9
(4.1) Fakultet, akademija														
(51001/52.020) Kemijska tehnologija	46	3	29	3	25	2	20	3	15	2	17	2	20	4
(4.6.4) poslijediplomski sveučilišni studij 180 ECTS														
(60900/44.011) Inženjerska kemija	0	0	1	0	0	0	1	0	3	0	1	0	2	0
(60900/52.023) Kemijsko inženjerstvo	1	0	1	0	0	0	0	0	2	0	1	0	0	0
Ukupni zbroj	108	42	98	45	95	50	80	42	75	36	96	52	77	34

IV. NASTAVNIČKI I INSTITUCIJSKI KAPACITETI

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 u trajnom zvanju	18	55					
Redoviti profesori	19	50				1	54
Izvanredni profesori	12	48					
Docenti	14	38					
Nastavna zvanja	4	50					
Znanstveni savjetnik u trajnom zvanju							
Znanstveni savjetnik							
Viši znanstveni suradnik							
Znanstveni suradnik							
Poslijedoktorandi (VN+HrZZ+EU)	13	31					
Asistenti (VN+HrZZ+EU projekt)	79	28					
Zaposlenici na projektima	1	25					
Stručni suradnici (VN+HrZZ+EU prokekt)	5	34					
Znanstveni novaci - poslijedoktorandi	4	35					
Tehničko osoblje	17	40					
Administrativno osoblje	22	54					
Pomoćno osoblje	20	53					
Ukupno	228	42				1	54

* Stanje 31. prosinca 2021.

Tablica 4.2. Dinamika zapošljavanja nastavnika u posljednjih pet godina

Godina	Broj novozaposlenih nastavnika	Broj novozaposlenih suradnika	Broj nastavnika kojima je završio radni odnos
2015./2016.	0		3
2016./2017.	1		0
2017./2018.	3		0
2018./2019.	7		0
2019./2020.	0		3
2020./2021.*			

* Stanje 31. prosinca 2021. PROVJERITI DATUM MOZVAG

Tablica 4.3. Nastavnici i suradnici na visokom učilištu u akademskoj godini

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2021./2022.)	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		
BOLANČA, TOMISLAV	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	28. 9. 2018.	100		Sveučilište Sjever
FILIPAN, VELJKO	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet strojarstva i brodogradnje	strojarstvo	11. 10. 2016.	100		
GOVORČIN-BAJSIĆ, EMI	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	15. 5. 2018.	100		
HRNJAK-MURGIĆ, ZLATA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	19. 4. 2016.	100		
IVANKOVIĆ, HRVOJE	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo temeljne tehničke znanosti	12. 4. 2011.	100		
IVANKOVIĆ, MARICA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo temeljne tehničke znanosti	21. 12. 2010.	100		
JUKIĆ, ANTE	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 9. 2018.	100		Sveučilište Sjever (30 P + 15 S)
KOŠUTIĆ, KREŠIMIR	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	11. 10. 2016.	100		
KURAJICA, STANISLAV	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo temeljne tehničke znanosti	12. 2. 2013.	100		Sveučilište u Dubrovniku (30 P)
LESKOVAC, MIRELA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	12. 12. 2017.	100		

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2021./2022.)	Opterećenje na vanjskim institucijama u radnim satima
LUČIĆ BLAGOJEVIĆ, SANJA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	27. 2. 2018.	100		
MARTINEZ, SANJA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo temeljne tehničke znanosti	12. 12. 2017.	100		
RAIĆ-MALIĆ, SILVANA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	11. 4. 2017.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
ROGOŠIĆ, MARKO	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	19. 5. 2016.	100		
SANDER, ALEKSANDRA	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2018.	100		
TOMAŠIĆ, VESNA	Redoviti profesor – trajno zvanje	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	11. 10. 2016.	100		
ZELIĆ, BRUNO	Redoviti profesor – trajno zvanje	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 6. 2017.	100		Sveučilište Sjever
AŠPERGER, DANIJELA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	22. 1. 2019.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
BOLF, NENAD	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 4. 2017.	100		
FINDRIK BLAŽEVIĆ, ZVJEZDANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2018.	100		
HRANJEC, MARIJANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	27. 2. 2018.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
LONČARIĆ- BOŽIĆ, ANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 12. 2016.	100		

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2021./2022.)	Opterećenje na vanjskim institucijama u radnim satima
MACAN, JELENA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	17. 10. 2017.	100		
MANDIĆ, ZORAN	Redoviti profesor – prvi izbor	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	13. 12. 2016.	100		
MATIJAŠIĆ, GORDANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 2. 2017.	100		
MUTAVDŽIĆ PAVLOVIĆ, DRAGANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	12. 6. 2018.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
PRLIĆ KARDUM, JASNA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 2. 2017.	100		
SUTLOVIĆ, IGOR	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	14. 2. 2017.	100		
ŠIPUŠIĆ, JURAJ	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16. 1. 2017.	100		
ŠKORIĆ, IRENA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	14. 2. 2017.	100		
VIDOVIĆ, ELVIRA	Redoviti profesor – prvi izbor	dr. sc.	Rheinisch – Westfälische Technische Hochschule Aachen, Njemačka	kemijsko inženjerstvo	12. 6. 2018.	100		
VRŠALOVIĆ PRESEČKI, ANA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 12. 2018.	100		
VUKOVIĆ DOMANOVAC, MARIJA	Redoviti profesor – prvi izbor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2018.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
DANANIĆ, VLADIMIR	Izvanredni profesor	dr. sc.	Prirodoslovno–matematički fakultet	fizika	16. 6. 2015.	100		

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2021./2022.)	Opterećenje na vanjskim institucijama u radnim satima
DEJANOVIĆ, IGOR	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 1. 2020.	100		
DOLAR, DAVOR	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	2. 12. 2019.	100		
GAZIVODA KRALJEVIĆ, TATJANA	Izvanredni profesor	dr. sc.	Prirodoslovno-matematički fakultet	kemija	25. 4. 2017.	100		Sveučilište Sjever Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
KOSAR, VANJA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	29. 5. 2017.	100		
KRALJIĆ ROKOVIĆ, MARIJANA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16. 1. 2017.	100		
KRATOFIL KREHULA, LJERKA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	2.11.2020.	100		
KRIŠTAFOR, SVJETLANA	Izvanredni profesor	dr. sc.	Prirodoslovno-matematički fakultet	kemija	19. 2. 2019.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
KUŠIĆ, HRVOJE	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	7. 5. 2018.	100		Sveučilište Sjever
MILARDOVIĆ, STJEPAN	Izvanredni profesor	dr. sc.	Tehnološki fakultet	kemija	29. 2. 2016.	100		
OTMAČIĆ ĆURKOVIĆ, HELENA	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	8. 5. 2017.	100		
STEINBERG, IVANA	Izvanredni profesor	dr. sc.	Karl - Franzes - Universität Graz, Austrija	kemija	20. 12. 2016.	100		
UKIĆ, ŠIME	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	21. 11. 2017.	100		
VRBOS, NEVENKA	Izvanredni profesor	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	29. 1. 2018.	100		

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2021./2022.)	Opterećenje na vanjskim institucijama u radnim satima
VRSALJKO, DOMAGOJ	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	7. 5. 2018.	100		
ŽIŽEK, KRUNOSLAV	Izvanredni profesor	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2018.	100		
BEGOVIĆ KOVAČ, ERNA	Docent	dr. sc.	Prirodoslovno-matematički fakultet	matematika	20. 11. 2018.	100		
FARAGUNA, FABIO	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	10. 9. 2018.	100		
JERKOVIĆ, MIROSLAV	Docent	dr. sc.	Prirodoslovno-matematički fakultet	matematika	30. 10. 2017.	100		
KASSAL, PETAR	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	22. 5. 2019.	100		
KATANČIĆ, ZVONIMIR	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	4. 3. 2019.	100		
KATIĆ, JOZEFINA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	27. 9. 2018.	100		
KOVAČIĆ, MARIN	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	4. 3. 2019.	100		
KUČIĆ GRGIĆ DAJANA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10. 9. 2018.	100		
MANDIĆ, VILKO	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	21. 9. 2017.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
ROGINA, ANAMARIJA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	5. 11. 2018.	100		
SUDAR, MARTINA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 5. 2019.	100		

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2021./2022.)	Opterećenje na vanjskim institucijama u radnim satima
UJEVIĆ ANDRIJIĆ, ŽELJKA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2013.	100		
VUK, DRAGANA	Docent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	23.3.2020.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
DEŠPALJ, NAĐA	Viši predavač		Filozofski fakultet	filologija	3. 7. 2017.	100		
FURAČ, LIDIJA	Viši predavač	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	24. 9. 2013.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
MARKIĆ, MARINKO	Viši predavač	mr. sc.	Elektrotehnički fakultet	elektrotehnika	3. 12. 2018.	100		
MOVRE ŠAPIĆ, IVA	Predavač	dr. sc.	Prirodoslovno-matematički fakultet	fizika	22. 9. 2015.	100		
PERŠUN, JOSIPA	Predavač		Kineziološki fakultet u Zagrebu	kineziologija	18. 3. 2015.	100		
CVETNIĆ, MATIJA	Poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	27. 5. 2019.	100		
DUPLANČIĆ, MARINA	Poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26. 2. 2019.	100		
MARAČIĆ, SILVIJA	Poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	8. 11. 2019.	100		
VIDAK, ANDREJ	Poslijedoktorand	dr. sc.	BiH Univerzitet u Sarajevu Prirodoslovno-matematički fakultet	fizika	1. 10. 2019.	100		
BABIĆ, BRUNA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	9. 12. 2019.	100		
BADROV, ALAN	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	12. 2. 2020.	100		

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2021./2022.)	Opterećenje na vanjskim institucijama u radnim satima
BARBARIĆ, JOŠKO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 2. 2016.	100		
BLAŽIĆ, ROKO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 2. 2017.	100		
BOČEK, IDA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	18. 2. 2019.	100		
BRLEKOVIĆ, FILIP	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 5. 2018.	100		
BUŽANČIĆ, MARIN	Asistent		Prirodoslovno-matematički fakultet	matematika	1. 4. 2016.	100		
DORIĆ, HRVOJE	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100		
GRETIĆ, MATIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100		
IVANIŠEVIĆ, IRENA	Asistent	dr. sc.	Prirodoslovno-matematički fakultet	kemija	1. 4. 2016.	100		
LOVRINČEVIĆ, VILMA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	13. 1. 2020.	100		
LUKAČ, GORAN	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 4. 2016.	100		
LUKIĆ, MARIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 4. 2016.	100		
MIKIĆ, DAJANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	6. 3. 2017.	100		
MILOLOŽA, MARTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 2. 2019.	100		
MITAR, ANAMARIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2015.	100		

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2021./2022.)	Opterećenje na vanjskim institucijama u radnim satima
MLAKIĆ, MILENA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	19. 6. 2020.	100		
MOROVIĆ, SILVIA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	22. 10. 2019.	100		
MUŽINA, KATARINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 3. 2017.	100		
PAPAC, JOSIPA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 9. 2017	100		
PERŠIĆ, ANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 2. 2017.	100		
PETRAČIĆ, ANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26. 9. 2016.	100		
PETRIĆ, VEDRAN	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	22. 10. 2019.	100		
PIŠKOR, MARTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	9. 12. 2019.	100		
PREVARIĆ, VIKTORIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 1. 2020.	100		
PRŠIR, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100		
RESSLER, ANTONIA	Asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26. 9. 2016.	100		
RIMAC, NIKOLA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2019.	100		
SIGURNJAK BUREŠ, MARIJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100		
SKENDROVIĆ, DINO	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	3. 1. 2019.	100		

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2021./2022.)	Opterećenje na vanjskim institucijama u radnim satima
SOKOL, IVANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 4. 2018.	100		
ŠABIĆ RUNJAVEC, MONIKA	Asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 4. 2015.	100		
ŠOIĆ, IVANA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 4. 2018.	100		
TOLIĆ, KRISTINA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 12. 2017.	100		
TONKOVIĆ, STEFANI	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	21. 10. 2020.	100		
VLAHEK, ANDREJA	Asistent		Prirodoslovno-matematički fakultet	matematika	1. 12. 2017.	100		
ZAGAJSKI KUČAN, KRISTINA	Asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 4. 2015.	100		
ZELIĆ, IVANA ELIZABETA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	9. 12. 2019.	100		
ŽUŽIĆ, ANDREJA	Asistent		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 1. 2020.	100		
LASIĆ, LUKA	Stručni suradnik	mr. sc.	Prirodoslovno-matematički fakultet	matematika	25. 9. 1995.	100		
MATIJAŠEC, DORA	Stručni suradnik		Prirodoslovno-matematički fakultet	kemija	1. 2. 2009.	100		
SOKAČ, TEA	Stručni suradnik		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2019.	100		
BIOŠIĆ, MARTINA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 3. 2015.	100		
BUHIN ŠTURLIĆ, ZRINKA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 12. 2013.	100		

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2021./2022.)	Opterećenje na vanjskim institucijama u radnim satima
MEŠČIĆ MACAN ANDRIJANA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	26. 3. 2014.	100		
NOVAK STANKOV, MIRJANA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 7. 2015.	100		
ŠALIĆ, ANITA	Znanstveni novak – poslijedoktorand	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 7. 2015.	100		
VRANJEŠ PENAVALA, NINA	Znanstveni novak – viši asistent	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 1. 2009.	100		
ANTUNOVIĆ, MAJA	Poslijedoktorand HrZZ	dr. sc.	Prirodoslovno-matematički fakultet	fizika	1. 11. 2018.	100		
GILJA, VANJA	Poslijedoktorand HrZZ	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 12. 2019.	100		
SAČER, DENIS	Poslijedoktorand HrZZ	dr. sc.	Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 10. 2020.	100		
SHARIFI, TAYEBEH	Poslijedoktorand HrZZ	dr. sc.	Ministarstvo obrazovanja, istraživanja i tehnologije, Islamska republika Iran	Kemija i fizika	5. 9. 2019.	100		
BAFTI, ARIJETA	Asistent – doktorand HrZZ		Prirodoslovno-matematički fakultet	kemija	10. 9. 2020.	100		
BAUER, LEONARD	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10. 5. 2017.	100		
BEČ, ANJA	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemija	18.2.2019.	100		
BOKŠIĆ, ANA	Asistent – doktorand HrZZ		Prirodoslovno-matematički fakultet	matematika	28.10.2020.	100		
BOŽIČEVIĆ, MARIN	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28.10.2020.	100		

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2021./2022.)	Opterećenje na vanjskim institucijama u radnim satima
BULE, KRISTINA	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	15.9.2020.	100		
CAR, FILIP	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11.2.2019.	100		
CINGESAR, IVAN KARLO	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.9.2020.	100		
FIKET, LUCIJA	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemija	28.10.2020.	100		
GOJUN, MARTIN	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	17.9.2018.	100		
GOTOVUŠA, MIA	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28.10.2020.	100		
IVKOVIĆ, IVANA KATARINA	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11.2.2019.	100		
KAPITANOVIĆ, ANGELA	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.9.2020.	100		
MILČIĆ, NEVENA	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.4.2019.	100		
PEROVIĆ, KLARA	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11.2.2019.	100		
PUCKO, IVAN	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28.10.2020.	100		
RADIĆ, GABRIJELA	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.9.2020.	100		
RAKAS, ANJA	Asistent – doktorand HrZZ		Prirodoslovno-matematički fakultet	kemija	28.10.2020.	100		
REP, VALENTINA	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemija	18.2.2019.	100		

Nastavnik	Zvanje	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora u zvanje	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u norma satima (2021./2022.)	Opterećenje na vanjskim institucijama u radnim satima
TOMIĆ, ANTONIJA	Asistent – doktorand HrZZ		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13.7.2018.	100		
VIŠIĆ, LUCIJA	Asistent – doktorand HrZZ		Prirodoslovno-matematički fakultet	kemija	8.1.2020.	100		
RACAR, MARKO	Poslijedoktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	21.10.2020.	100	projekt „IRI“	
BERTAGNA SILVA, DANILO	Asistent		Državno Sveučilište u Campinasu	kemija	30.9.2019.	100	projekt „NOWELTIES“	
ĆEVID, IVANA	Asistent – doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26.10.2020.	100	projekt "CAT PHARMA"	
FRANCIS dela ROSA	Asistent		Republika Filipini Sveučilište de la Sale, Manila	kemija	27.9.2019.	100	projekt „NOWELTIES“	
JAKOPEC, SILVIO	Asistent – doktorand		Prirodoslovno-matematički fakultet	kemija	20.8.2020.	100	projekt "CAT PHARMA"	
SUŠAC, KRISTINA	Asistent - doktorand		Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	21.10.2020.	100	projekt „IRI“	

* Stanje 31. prosinca 2021.

Tablica 4.4. Dinamika zapošljavanja nastavnika u posljednjih pet godina

Godina	Broj novozaposlenih nastavnika	Broj nastavnika kojima je završio radni odnos
2016./2017.	1	0
2017./2018.	3	0
2018./2019.	7	0
2019./2020.	0	3
2020./2021.	0	1

* Stanje 31. prosinca 2021.

Tablica 4.5. Mobilnost nastavnika i suradnika u zadnjih 5 akademskih godina

Vrsta mobilnosti		Odlazna mobilnost		Dolazna mobilnost	
		do 3 mjeseca	3 i više mjeseci	do 3 mjeseca	3 i više mjeseci
2015./2016.- 2020./2021.	Stručna	3	-	-	-
	Znanstvena	23	6	13	0
2021./2022.	Stručna	2	-	-	-
	Znanstvena	4	2	17	-

Tablica 4.6. Mobilnost nenastavnog osoblja u zadnjih 5 akademskih godina

	Broj stručnih boravaka nenastavnog osoblja ovog visokog učilišta u inozemstvu	
	do 3 mjeseca	3 i više mjeseci
2015./2016.-2020./2021.	1	0
2021./2022.	0	0

Tablica 4.8. Prostor

		broj/broj računala	Kvadrati
A	Predavaonice	9/69	670
B	Nastavni laboratoriji/praktikumi	45/88	2373
C	Radilišta	-/-	-
C	Informatičke učionice	2/31	118
C	Znanstveni laboratoriji	7/14	178
C	Prostorije za studente	2/2	86
D	Nastavnički kabineti	97/237	1650
	UKUPNO	162/444	5075

Tablica 4.9. 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.

Naziv instrumenta (opreme)	Nabavna vrijednost (kn)	Godina nabave
Ultraljubičasti i vidljivi spektroskop širokog valnog područja	477.487,5	2021.
Solarni simulator s opremom	293.737,5	2021.
Tintni pišač za tankoslojne materijale	536.875	2021.
Oprema za sintezu biodizela	210.500	2021.

Uređaj za fotonsko sinteriranje	423.750	2021.
Goniometar/difraktometar	394.875	2021.
Nadogradnja za goniometar/difraktometar	389.937,5.	2021.
Generator nanočestica metodom ablacije iskrom	383.200	2020.
Difraktometar rendgenski XRD	628.737,5	2020.
Reaktor pirolitički Pyroprobe 5200 High Pressure	462.622,5	2020.
FTIR uređaj s ATR mofulom i dodatkom za mjerenje spekularne refleksije kod varijabilnog upadnog kuta	322.500	2020.
Difraktometar za određivanje raspodjele veličina nanočestica	429.996,25	2020.
Mikroskop atomskih sila	356.250	2020.
Kromatograf tekućinski s LC-MS 8045 spektrometrom masa	1.622.500	2020.

- U tablicu se piše oprema čija nabavna vrijednost prelazi 200.000 kn

Tablica 4.10. Opremljenost knjižnice.

Ukupna površina (u m²)	196
Broj zaposlenog stručnog knjižničnog osoblja u knjižnici (VU)	1
Ukupan broj svezaka knjiga	125.213
Čitaonica u sklopu knjižnice (broj / kvadrata)	14/-
Ukupan broj naslova udžbenika obvezne literature	71
Ukupan broj svezaka udžbenika obvezne literature	539
Ukupan broj tiskanih inozemnih časopisa koje knjižnica ima u fondu	383
Ukupan broj domaćih inozemnih časopisa koje knjižnica ima u fondu	50
Broj elektroničkih časopisa s cjelovitim tekstom kojima institucija osigurava pristup	45.754
Broj bibliografskih baza financiranih sredstvima sveučilišta/institucije	0

Tablica 4.11. Financijska evaluacija – prihodi

		2019. kalendarska godina (kn)	2020. kalendarska godina (kn)	2021. kalendarska godina (kn)
	PRIHODI			
1.	PRIHODI IZ DRŽAVNOG PRORAČUNA	41.954.089	45.266.506	53.746.045
1.1.	Plaće za zaposlene	29.496.543	31.375.181.	32.333.602
1.2.	Troškovi poslovanja (uključivo i terenska nastava)	732.113	687.687	757.642
1.3.	Vanjska suradnja u nastavi	0	0	0
1.4.	Domaći znanstveni projekti	5.142.983	4.223.034	15.764.045
1.5.	Međunarodni znanstveni projekti	1.855.701	4.233.510	478.943
1.6.	Međunarodna suradnja	0	0	0
1.7.	Organizacija znanstvenih skupova	0	0	0
1.8.	Nabava časopisa	0	0	0
1.9.	Tekuće održavanje	0	0	0
1.10.	Izgradnja i investicijsko održavanje	625.000	771.267	150.000
1.11.	Oprema	0	0	0
1.12.	Ukupno ostale vrste prihoda	4.101.749	3.975.827	4.261.813
2.	PRIHODI IZ PRORAČUNA OSTALIH JAVNIH IZVORA	0	0	0
2.1.	Prihodi i pomoći od jedinica lokalne uprave i samouprave (grad, županija, itd.)	0	0	0
2.2.	Prihodi i pomoći ostalih subjekata (primjerice Hrvatska zaklada za znanost)	0	0	0
2.3.	Ukupno ostale vrste	0	0	0
3.	PRIHODI OD KAMATA	566	536	669
4.	PRIHODI OD VLASTITE DJELATNOSTI	2.428.556	1.770.280	3.330.439
4.1.	Školarine – poslijediplomske specijalističke	156.000	172.000	432.000
4.2.	Školarine – poslijediplomske doktorske	278.800	150.700	186.000
4.3.	Znanstveni projekti	0	0	0
4.4.	Stručni projekti	90.457	4.000	12.300
4.5.	Prihodi od najma	311.161	130.007	151.042
4.6.	Ukupno ostale vrste prihoda	1.592.138	1.313.573	2.549.097

5.	PRIHODI PO POSEBNIM PROPISIMA	1.718.367	1.883.160	8.248.049
5.1.	Školarine – preddiplomske, diplomske, stručne	1.381.048	1.330.102	1.329.840
5.2.	Dodatna provjera posebnih znanja, vještina i sposobnosti (ako se provodi uz ispite državne mature)	0	0	0
5.3.	Naknade za upis	114.840	102.940	122.100
5.4.	Izdavačka djelatnost	0	0	0
5.5.	Naplate studentskih molbi, potvrdnica, diplome, indeksi itd.	93.410	110.700	137.414
5.6.	Ukupno ostale vrste prihoda	129.069	339.418	6.658.695
6.	OSTALI NESPOMENUTI PRIHODI	36.172	16.285	16.000
A	UKUPNO PRIHODI POSLOVANJA	46.137.750	48.936.767	65.341.202

Tablica 4.12. Financijska evaluacija - rashodi

		2019. kalendarska godina (kn)	2020. kalendarska godina (kn)	2021. kalendarska godina (kn)
	RASHODI			
1.	RASHODI ZA ZAPOSLENE	32.720.174	36.574.774	40.984.675
1.1.	Plaće za zaposlene	27.183.335	30.310.792	33.312.340
1.2.	Vanjska suradnja u nastavi	0	0	0
1.3.	Ukupno ostalo	5.536.839	6.263.982	7.672.335
2.	RASHODI ZA MATERIJAL I ENERGIJU	3.191.327	2.651.874	3.773.308
2.1.	Uredski materijal i ostali materijalni rashodi	613.433	632.330	824.978
2.2.	Laboratorijski materijal	1.135.458	685.325	457.412
2.3.	Energija	885.257	565.948	412.631
2.4.	Materijal i dijelovi za tekuće i investicijsko održavanje	278.828	349.422	312.842
2.5.	Sitni inventar	256.518	388.478	387.229
2.6.	Ukupno ostalo	21.833	30.371	1.378.216
3.	RASHODI ZA USLUGE	3.720.362	5.799.034	4.489.970
3.1.	Telefon, pošta, prijevoz	130.848	118.158	126.826
3.2.	Usluge tekućeg i investicijskog održavanja	1.197.379	3.570.800	681.108
3.3.	Promidžba i informiranje	117.198	155.408	165.741
3.4.	Komunalne usluge	493.229	369.453	460.733
3.5.	Zakup, najam	186.198	223.197	186.698
3.6.	Intelektualne i osobne usluge (ugovori o djelu, honorari)	797.947	552.655	2.002.251
3.7.	Računalne usluge	208.705	125.970	246.539
3.8.	Ukupno ostalo	588.858	683.393	620.074
4.	RASHODI ZA NEFINANCIJSKU IMOVINU	2.331.486	7.230.501	5.844.998
4.1.	Poslovni objekti	0	0	0
4.2.	Računalna oprema	299.782	525.211	371.637
4.3.	Laboratorijska oprema	1.663.795	6.509.607	5.367.774
4.4.	Uredska oprema	213.956	85.929	27.129
4.5.	Komunikacijska oprema	0	0	0
4.6.	Ostala oprema	138.621	94.574	69.530
4.7.	Literatura	15.332	15.180	8.928
4.8.	Ulaganja u postrojenja, strojeve i ostalu opremu	0	0	0
4.9.	Dodatna ulaganja na građevinskim objektima	0	0	0
4.10.	Ukupno ostalo	0	0	0
5.	NAKNADE TROŠKOVA ZAPOSLENIMA	2.088.757	1.207.829	1.901.991
5.1.	Službena putovanja	899.436	188.755	408.367
5.2.	Stručna usavršavanja	226.016	192.815	363.860
5.3.	Ukupno ostalo uključujući i troškove prijevoza	963.305	826.259	1.129.764

6.	OSTALI NESPOMENUTI RASHODI POSLOVANJA	649.456	573.129	1.321.674
6.1.	Premije osiguranja	66.807	68.208	73.753
6.2.	Reprezentacija	171.915	30.578	78.771
6.3.	Članarine	177.298	177.341	50.903
6.4.	Bankarske i usluge platnog prometa	32.237	22.950	29.099
6.5.	Kamate	0	4	819
6.6.	Ostali financijski izdaci	201.199	274.048	1.089.329

Tablice koje slijede nisu sastavni dio MOZVAG-a

Tablica 4.13b. Vanjski angažman nastavnika Fakulteta u nastavi drugih učilišta

Nastavnik	Akadska godina Kolegij	Naziv vanjskog učilišta	Broj sati
Prof. dr. sc. Danijela Ašperger	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	16 sati predavanja u zimskom semestru
	2019./2020. Instrumentalna analitička kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u zimskom semestru
Doc. dr. sc. Erna Begović Kovač	2020./2021. Numerički algoritmi za tenzore	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	60 sati predavanja
Prof. dr. sc. Tomislav Bolanča	2019./2020.	Sveučilište Sjever	
	2020./2021.	Sveučilište Sjever	
Prof. dr. sc. Nenad Bolf	2020. /2021. Mjerenje i automatsko vođenje procesa	Kemijsko-tehnološki fakultet Sveučilišta u Splitu	30 sati predavanja
Dr. sc. Lidija Furač, viši predavač	2018./2019. Kemija	Preddiplomski 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	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja u zimskom semestru
	2017./2018. Primijenjena organska kemija	Preddiplomski 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
	2019./2020. Organska kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u zimskom semestru
	2019./2020.	Sveučilište Sjever	
	2020./2021. Primijenjena organska kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	81 radni sat predavanja u ljetnom semestru
	2020./2021.	Sveučilište Sjever	
Prof. dr. sc. Marijana Hranjec	2016./2017. Organska kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja u zimskom semestru
	2017./2018. Primijenjena organska kemija	Preddiplomski 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
	2020./2021. Primijenjena organska kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	81 radni sat predavanja u ljetnom semestru

Nastavnik	Akadska godina Kolegij	Naziv vanjskog učilišta	Broj sati
Prof. dr. sc. Hrvoje Ivanković	2016./2017. Osnove kemijskog inženjerstva	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati vježbi u ljetnom semestru
	2017./2018. Osnove kemijskog inženjerstva	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu	30 sati predavanja i 15 sati vježbi u ljetnom semestru
Prof. dr. sc. Ante Jukić	2019./2020. Razvojni trendovi anabalažnih materijala	Diplomski sveučilišni studij Ambalaža Sveučilište Sjever	30 sati predavanja i 15 sati seminara
	2020./2021.	Sveučilište Sjever	
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	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	60 sati predavanja u ljetnom semestru
Prof. dr. sc. Stanislav Kurajica	2016./2017. Tehnologija materijala - metal i keramika	Preddiplomski studij Konzervacija- restauracija Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2017./2018. Tehnologija materijala - metal i keramika	Preddiplomski studij Konzervacija- restauracija Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2018./2019. Tehnologija materijala - metal i keramika	Preddiplomski studij Konzervacija- restauracija Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2019./2020. Tehnologija materijala - metal i keramika	Preddiplomski studij Konzervacija- restauracija Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2020./2021. Uvod u materijale i tehnologija metala	Preddiplomski studij Konzervacija- restauracija Sveučilišta u Dubrovniku	30 sati predavanja u ljetnom semestru
Izv. prof. dr. sc. Hrvoje Kušić	2019./2020.	Sveučilište Sjever	
	2020./2021.	Sveučilište Sjever	
Prof. dr. sc. Mirela Leskovic	2020./2021. Površine i međupovršine polimernih materijala	Faculty of Polymer Technology, Slovenj Gradec, Slovenia	3 sata predavanja i 1 sat seminarskih vježbi
Prof. dr. sc. Sanja Lučić Blagojević	2020./2021. Površine i međupovršine polimernih materijala	Faculty of Polymer Technology, Slovenj Gradec, Slovenia	5 sati seminara i seminarskih vježbi
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
	2019./2020. Instrumentalna analitička kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 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
	2019./2020. Organska kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u zimskom 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

Nastavnik	Akadska godina Kolegij	Naziv vanjskog učilišta	Broj sati
	2016./2017. Organska kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	22,5 sati seminara u zimskom semestru
	2019./2020. Organska kemija	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati seminara u zimskom semestru
	2019./2020. NBK ORUŽJE	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	50 sati predavanja u ljetnom 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 zimskom semestru
	2019./2020. NBK ORUŽJE	Preddiplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	25 sati predavanja u ljetnom semestru
Prof. dr. sc. Bruno Zelić	2019./2020.	Sveučilište Sjever	
	2020./2021.	Sveučilište Sjever	

* Stanje 31. prosinca 2021.

Tablica 4.13.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
	Za 2018./2019. nisu dostavljeni podatci sa SuZ	-	-	-
	Preddiplomski studiji 2019./2020.	3,90	0,85	124
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
	Za 2018./2019. nisu dostavljeni podatci sa SuZ	-	-	-
	Diplomski studiji 2019./2020.	3,91	0,85	132
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
	Za 2018./2019. nisu dostavljeni podatci sa SuZ	-	-	-
	Preddiplomski studiji 2019./2020.	4,10	0,74	125
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
	Za 2018./2019. nisu dostavljeni podatci sa SuZ	-	-	-
	Diplomski studiji 2019./2020.	3,77	0,97	133

Tablica 4.13.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
Koju biste ocjenu dali ovom nastavniku u cjelini?	Zimski	4,24	0,61	215
	Ljetni	4,09	0,59	119

Tablica 4.13.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
Koju biste ocjenu dali ovom nastavniku u cjelini?	Zimski	4,22	0,94	233
	Ljetni	4,23	0,96	274

Tablica 4.13e3. 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
Koju 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 4.14. Izvori financiranja stručnih projekata

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2021.	Određivanje specifične površine BET metodom (ISO 9277) (Gordana Matijašić)	12				11.000,00			
2021.	Usluga usitnjavanja uzoraka planetarnim mlinom (<0,125 mm). (Gordana Matijašić)	1				600,00			
2021.	Usluga određivanja viskoznosti tekućine za odleđivanje zrakoplova (Gordana Matijašić)	1				3.150,00			
2021.	Usluga određivanja specifične površine i raspodjele veličine pora metodom adsorpcijsko-desorpcijske porozimetrije (Aleksanda Sander)	3				8.100,00			
2021.	Automatizacija flow chemistry sustava FCA2020-FAZA I 3. dio (Marinko Markić)	4					28.950,00		
2021.	Analiza prikladnosti postojećeg sustava pripreme tehnološke vode za termoelektranu Biomass to Energy Županja d.o.o. (Marinko Markić)	2				15.000,00			
2021.	SEAL FOR LIFE DSC measurement CZHP- 2 samples in triplicate, Writing of the report (Sanja Martinez)	3				5.356,80			
2021.	Usluga određivanja raspodjele veličine čestica metodom laserske difrakcije (Gordana Matijašić)	1					1.440,00		
2019.	Analize nečistoća u slitini XRD metodom (Vilko Mandić)	1					5.303,83		
2019.	Uslugu određivanja relativne dielektrične permitivnosti i faktora disipacije izolacijskog papira metodom impedancijske spektroskopije (Helena Otmačić Ćurković)	1				200,00			
2019.	Izrada studije "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			

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2020.	Usluga identifikacije materijala dijela opreme Uslugu korištenja uređaja za termogravimetrijsku analizu (Zvonimir Katančić)	8				6.400,00			
2020.	Usluge izrade analize "Plana rasporeda namještaja i instrumenata kontrolnog laboratorija" za potrebe izgradnje CGO Biljane Donje i izrada elaborata Analiza dostavljenih ponuda za opremanje kontrolnog laboratorija CGO Biljane Donje (Marin Kovačić)	4				43.600,00			
2020.	Laboratorijske i stručne usluge te davanje mišljenja (Ante Jukić)	3					59.500,00		
2020.	Izrada analize "Rendgenska difrakcijska analiza produkata korozije" i XRD mjerenje i interpretaciju spektra (Stanislav Kurajica)	1				2.400,00			
2020.	Izrada 2. izvješća o parametrima korozivnosti nafte i brzinama korozije u sustavu za monitoring unutrašnje korozije JANAF-a i Izradu 3. izvješća o parametrima korozivnosti nafte i brzinama korozije u sustavu za monitoring unutrašnje korozije JANAF-a (Sanja Martinez)	12					51.000,00		
2020.	Usluge "Ispitivanje korozije čelika savitljivog tubinga na HCl i H2S", na bušotini StG-3 (Sanja Martinez)	3					25.200,00		
2021.	Uslugu vezana uz ekstrudiranje i granuliranje uzoraka i Uslugu vezana uz ekstrudiranje polimernog kompozita i granuliranje uzoraka (Zvonimir Katančić)	2					9.800,00		
2021.	Tehnička podrška, analiza i provjere valjanosti za Nano Edison projekt (Zoran Mandić)	12				63.000,00			
2021.	Analiza uzoraka korištenjem IR analizatora plinova Miran Sapphire XL (Vilko Mandić)	1				1.000,00			
2021.	Analiza uzorka polimernog materijala: (snimanje uzorka FTIR spektroskopijom, termogravimetrijska analiza uzorka, interpretacija rezultata te pisanje izvještaja i davanje mišljenja) (Ljerka Kratofil Krehula)	2				1.200,00			

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2021.	Izrada Studije naprednog vođenja procesa pirolize gumenog otpada (lokacija Lovinac) (Nenad Bolf)	2				59.200,00			59.200,00
2021.	Izrada studije "Fazni sastav i raspodjela veličine čestica grafita i aktivnog ugljena prije i nakon postupka raslojavanja" i trošak usluge AFM karakterizacije (Stanislav Kurajica)	2				7.200,00			7.200,00
2021.	Usluga pripreme proba polimernih otpresaka i pokusa stvaranja mješavina za kolektor u sklopu Projekta Razvoj sustava grijanja s Višenamjenskim solarnim kolektorom (VSK), u sklopu programa Povećanje razvoja novih proizvoda i usluga koji proizlaze iz aktivnosti istraživanja i razvoja (Vilko Mandić)	2				59.250,00			59.250,00
2021.	Izrada izvješća o provedenim ICP-MS i TOC analizama sirove i pročišćene vode iz skrubera (Marinko Markić)	5				5.600,00			5.600,00
2021.	DLS mjerenja, pripremu uzoraka te izradu izvještaja (Fabio Faraguna)	4				3.700,00			3.700,00
2021.	Izrada studije mogućnosti za Strategiju razvoja od 2020. do 2030. godine (Ante Jukić)	16					120.000,00		120.000,00
2021.	Usluga analize uzoraka polimernog masterbatcha (Zvonimir Katančić)	5				1.800,00			1.800,00
2021.	Određivanja sadržaja željeza u uzorcima aktivne farmaceutske komponente i gotovog proizvoda željeza saharoze (Tomislav Bolanča)	4					29.500,00		29.500,00
2021.	Postupak sinteze onečišćenja iz molekule LMT te izradu izvješća (Irena Škorić)	6					47.500,00		47.500,00
2021.	Obavljene analize različitih uzoraka radi utvrđivanja razlika odnosno podudaranja u sastavu, tumačenje rezultata analize te davanje stručnog mišljenja (Elvira Vidović)	1				3.000,00			3.000,00
2021.	Usluga SEM i EDS analizu 5 uzoraka slojeva na čeliku (Jelena Macan)	2					2.500,00		2.500,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2021.	Usluga analize 4 polimera te pisanje izvješća i davanje mišljenja (Zvonimir Katančić)	1				3.336,85			3.336,85
2021.	Ugovor o nabavi broj 04/2021/01 od 1. listopada 2021. godine Članak 14. zaračunavamo Vam 10% ugovorenog iznosa, Projekt: ECO2FLEX, predujam (Marko Rogošić)	1				4.000,00			4.000,00
2021.	Izrada studije "Razvoj strukturnih, termičkih i morfoloških svojstava uzoraka monolitne i (nano)kompozitne keramike" (Vilko Mandić)	1					8.000,00		8.000,00
2021.	Određivanje veličine i raspodjele veličina čestica s izradom izvještaja i tumačenje rezultata za 26 uzoraka cementa i mineralnih dodataka (Gordana Matijašić)	2				15.600,00			15.600,00
2021.	Mikroskopska analizu uzoraka, pripremu uzoraka te izradu izvještaja (Fabio Faraguna)	1				800,00			800,00
2021.	Analiza uzorka sintetičkog podtračničkog podloška te pisanje izvješća i davanje mišljenja (Zvonimir Katančić)	1				1.930,00			1.930,00
2021.	Izrade studije "Strukturna analiza slitina difrakcijskom analizom" (Vilko Mandić)	4					3.030,76		3.030,76
2020.	Izrada prototipa softvera za kontinuirano on-line mjerenje u procesu kristalizacije (IV faza) (Nenad Bolf)	2					24.000,00		24.000,00
2020.	Ugovorno istraživanje - fizikalna analiza pepela "Razvoj inovativnih građevnih kompozita primjenom biopepela" (Gordana Matijašić)	6				8.400,00			8.400,00
2020.	Mjerenja kontaktnog kuta ispitnih kapljevina i izračun slobodne površinske energije 3 uzorka premaznih papira (FTIR analiza 4 uzorka, SEM-EDX analiza 5 uzoraka, Mjerenje kontaktnog kuta ispitnih kapljevina i izračun slobodne površinske energije 5 uzoraka) (Domagoj Vrsaljko)					5.375,00			5.375,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2020.	Usluga određivanja biorazgradivosti komunalnog otpada - pH vrijednost, vodljivost, ukupnu suhu tvar i organski udio, ukupnu suspendiranu tvar i organski udio, KPK, BPK5 i izvještaj (Marija Vuković-Domanovac)	10				37.500,00			37.500,00
2020.	Usluge akreditacija SGS SLOVENIJA (Ante Jukić)	5				4.842,88			4.842,88
2020.	Usluga ispitivanja PP Mostrine Grilamid na površinsku napetost (ljepljenje) (Mirela Leskovac)	2				3.250,00			3.250,00
2020.	Analize uzoraka gline i pepela, korištenjem kvalitativne fazne analize metodom rendgenske difrakcije (XRD) (Vilko Mandić)	4					12.400,00		12.400,00
2021.	Usluga identifikacije materijala dijela opreme (Domagoj Vrsaljko)	1				1.500,00			1.500,00
2021.	Usluga izrade Filamenta za 3D pisač-6 i optimiranje postavki 3D ispisa i 3D ispis jednog modela (Domagoj Vrsaljko)	4				3.000,00			3.000,00
2021.	DSC ispitivanje PPS kućišta (Mirela Leskovac)	1				2.250,00			2.250,00
2021.	Ispitivanja plastičnog materijala DSC i FTIR metodom (Domagoj Vrsaljko)	5				24.200,00			24.200,00
2021.	Uslugu karakterizacije nakupina iz vodovodnih cijevi (Jelena Macan)	1				19.500,00			19.500,00
2021.	Usluga DTA i PSA analiza te izradu studije Phase composition of samples GFNT4X, GFNT6X, NED-MNI-000-260421-ADSKAM AND NED-MFE-000-230421-ADSAAM (Vilko Mandić)	2				6.400,00			6.400,00
2021.	Usluga izvođenja softverskog rješenja koji omogućuje kontinuirano nadgledanje i vođenje flow chemistry reaktora (Nenad Bolf)	2				22.000,00			22.000,00
	Ukupno:					515.391,53	396.124,59		911.516,12

Tablica 4.15. Skupovi (sredstva naplaćena tijekom kalendarske 2021.)

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (kn)
2021.	Seminar "Mjerenja u sustavima katodne zaštite", koji je održan 24. srpnja 2021. (Sanja Martinez)	1				7.203,20			7.203,20
2021.	Ljetna škola korozije (Helena Otmačić Čurković)	1				22.628,40			22.628,40
2021.	Aktualna problematika vode za piće - dezinfekcija i nepoželjni nusprodukti (Dajana Kučić Grgić)	1				61.300,00			61.300,00
2021.	Osnovni tečaj iz korozije – analiza problema iz prakse (Helena Otmačić Čurković)	1				8.924,48			8.924,48
						100.056,08			100.056,08

Tablica 4.16. Zgrade u kojima djeluje Fakultet (nisu u njegovu vlasništvu)

Identifikacija zgrade	Lokacija zgrade	Godina izgradnje	Godina dogradnje ili rekonstrukcije	Ukupna površina prostora za obavljanje djelatnosti visokog obrazovanja (m ²)	Ukupna površina prostora za obavljanje znanstvenih istraživanja (m ²)	
					Laboratorij	Knjižnica
Fakultet kemijskog inženjerstva i tehnologije, Marulićev trg 19	Marulićev trg 19	1932.		2.451,17	614,79	
Fakultet kemijskog inženjerstva i tehnologije, Marulićev trg 20	Marulićev trg 20	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 4.17. Predavaonice i računalne učionice

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

Tablica 4.18. Laboratoriji/praktikumi koji se koriste u nastavi

Identifikacija zgrade	Interni oznaka prostorije (laboratorija/praktikuma)	Površina (m ²)	Broj radnih mjesta za studente	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
Marulićev trg 19/ podrum	Laboratorij studentski III (2304)	51,73	12	34	5
Marulićev trg 19/ podrum	Prostorija za pripremu/sterilizaciju (2305)	15,31			5
Marulićev trg 19/prizemlje	Laboratorij studentski (1109)	96,53	32	30	3
Marulićev trg 20/podrum	Laboratorij studentski III (1320)	160,57	24	20	3
Marulićev trg 20/podrum	Laboratorij IV (1616)	37,09	6	14	2
Marulićev trg 20/podrum	Laboratorij II (1509)	74,41	24	20	3
Marulićev trg 20/prizemlje	Laboratorij I (1210)	164,84	48	40	2
Marulićev trg 20/prizemlje	Laboratorij II (1209)	164,85	32	20	2
Marulićev trg 20/prizemlje	Laboratorij za instrumentalnu i procesnu analizu (1202)	78,91	10	30	3
Marulićev trg 20/prizemlje	Laboratorij za kemijsku analizu okoliša (1205)	53,12	5	50	4
Marulićev trg 20/prizemlje	Laboratorij I (1306)	56,30	8	40	4
Marulićev trg 20/I	Laboratorij znanstveno istraživački III (1605)	33,30	6	32	4
Marulićev trg 20/I	Laboratorij kemijski II (1604)	47,50	10	32	4
Marulićev trg 20/I	Laboratorij za strukturnu karakterizaciju materijala I (1602)	24,57	6	175	4
Marulićev trg 20/I	Laboratorij reverzna osmoza (1404)	34,04	2	24	4
Marulićev trg 20/I	Laboratorij polimeri I (1402)	34,13	6	26	3
Marulićev trg 20/I	Laboratorij I (1502)	96,12	24	28	3
Marulićev trg 20/III	Laboratorij II (1314)	84,90	12	40	4
Marulićev trg 20/III	Laboratorij fizikalno kemijski III (1409)	115,27	24	20	3
Marulićev trg 20/III	Laboratorij za koroziju (1413)	66,79	12	8	2
Marulićev trg 20/III	Laboratorij II (1314)	84,90	12	40	4
Savska cesta 16/podrum	Laboratorij za karakterizaciju naftnih proizvoda III (2010)	26,26	8	30	1
Savska cesta 16/podrum	Laboratorij II (1706)	72,83	10	10	4
Savska cesta 16/podrum	Laboratorij V (1717)	18,00	16	10	4
Savska cesta 16/podrum	Laboratorij IV1709	18,07	6	10	3
Savska cesta 16/prizemlje	Laboratorij I (1702)	38,70	10	20	4
Savska cesta 16/prizemlje	Laboratorij VI1718	20,00	6	10	3
Savska cesta 16/prizemlje	laboratorij I (1702)	38,70	10	20	4
Savska cesta 16/prizemlje	Laboratorij (3501)	7,61	2	20	2
Savska cesta 16/I	Laboratorij I (1802)	24,50	2	40	4
Savska cesta 16/I	Laboratorij za poluvodiče II (1807)	19,55	2	20	5
Savska cesta 16/I	Laboratorij elektrokemije III (1819)	52,20	15	40	3
Savska cesta 16/I	Laboratorij inženjerstva IV (1821)	52,85	15	40	4
Savska cesta 16/II	Laboratorij za polimere i polimerizacijske procese I(1909)	51,09	18	20	2
Savska cesta 16/II	Laboratorij za bojila i premaze II (1911)	49,46	15	20	3
Savska cesta 16/II	Laboratorij za ekoinženjerstvo III (1916)	17,27	5	40	4
Savska cesta 16/II	Laboratorij za petrokemijsko inženjerstvo I (2008)	22,86	5	40	3
Savska cesta 16/III	Laboratorij za sonooksidacijske procese VII (1930)	12,40	2	20	4
Savska cesta 16/III	Laboratorij FTIR-TGA IV (1928)	12,03	2	40	4
Savska cesta 16/III	Laboratorij fizikalni za polimerne materijale VI (1923)	11,54	2	25	5
Savska cesta 16/III	Laboratorij fizikalni za polimerne materijale V (1922)	10,54	2	25	5

Identifikacija zgrade	Interna oznaka prostorije (laboratorija/praktikuma)	Površina (m ²)	Broj radnih mjesta za studente	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 - 5)
Savska cesta 16/III	Laboratorij za naftno procesno inženjerstvo II (2009)	34,21	5	40	3
Savska 16/III	Laboratorij za adheziju i adhezive I (2406)	12,60	6	25	5
Savska cesta 16/5A	Laboratorij II (2107)	34,48	4	4	4
Savska cesta 16/5A	Laboratorij studentski I (2101)	56,80	12	10	4
Ukupno		2289,73			

Tablica 4.19. 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
Savska cesta 16	V1 – Primjena naprednih kemijsko – inženjerskih programskih podrški: SIMCER, PITOPS, LabVIEW, SIPAT (prof. dr. sc. Nenad Bolf)	18	1,5
Savska cesta 16	V2 – Karakterizacija mikro- i nano- čestica metodom dinamičkog raspršenja svjetlosti (DLS) i određivanja zeta potencijala čestica (doc. dr. sc. Fabio Faraguna)	18	1,5
Savska cesta 16	V3 – Primjena elektrokemijskih tehnika (EIS) u području obnovljivih izvora energije i elektrokemijskih konverzijskih uređaja (prof. dr. sc. Marijana Kraljić Roković)	18	1,5
Trg Marka Marulića 20	V4 – Primjena mikroskopije atomskih sila (AFM) (prof. dr. sc. Stanislav Kurajica)	19	1,5

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

Tablica 4.20. 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	4	5	4

Tablica 4.21. Nastavnički kabineti

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

Tablica 4.22. Prostor koji se koristi samo za znanstveno-istraživački rad

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

Tablica 4.23. Prostor koji se koristi samo za stručni rad

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

V. ZNANSTVENA / UMJETNIČKA DJELATNOST

Tablica 5.1.a Bibliografija na instituciji (u 2021.)

Vrsta radova*	Ukupan broj radova na instituciji u posljednjih 5 godina	Broj radova koji su proizašli iz suradnje s drugim visokim učilištima i znanstvenim organizacijama u posljednjih 5 godina	Omjer: broj radova/broj nastavnika/5 godina
Radovi najviše kategorije sukladno Pravilniku o uvjetima za izbor u znanstvena zvanja**	587	357	1,75
Ostali radovi sukladno Pravilniku o uvjetima za izbor u znanstvena zvanja**	128	62	0,38
Autorstvo inozemno izdanih knjiga**	0	0	0
Autorstvo domaćih knjiga**	2	0	0,01
Poglavlja u knjigama**	19	5	0,06
Uredništva knjiga**	5	3	0,01
Stručni radovi**	14	1	0,04
Recenzirani radovi sa znanstvenih i stručnih skupova**	134	64	0,40
Radovi nastavnika institucije u časopisima vaše institucije	30	15	0,09
Ukupan broj citata visokog učilišta (navesti bazu, bez samocitata)	37.799 (Web of Science Core Collection)		
Ukupan h-indeks visokog učilišta (navesti bazu, bez samocitata)	86 (Web of Science Core Collection)		
Link na Crosbi	https://www.bib.irb.hr/pregled/ustanove/125		
Link na citatnu bazu s ukupnim pregledom za visoko učilište (radovi u Wos-u, Scopus-u)	-		

*Domaćih i inozemnih

U tablicu se unose podaci o radovima visokog učilišta. U tablicu se unose samo podaci o recenziranim radovima. Rad na kojem je više nastavnika istog učilišta navodi se samo jednom. Za citate navesti ukupan broj i citatnu bazu. Za h-indeks navesti ukupan broj i citatnu bazu.

**Crosbi podaci (analiza izrađena prema pravilima područja za tehničke znanosti)

Tablica 5.1.b Bibliografija po znanstvenim područjima u 2021. godini

Vrsta radova	Ukupan broj radova u posljednjih 5 godina (Tehničke znanosti)	Broj radova koji su proizašli iz suradnje s drugim visokim učilištima i znanstvenim organizacijama u posljednjih 5 godina (Tehničke znanosti)	Ukupan broj radova u posljednjih 5 godina (Prirodne znanosti)	Broj radova koji su proizašli iz suradnje s drugim visokim učilištima i znanstvenim organizacijama u posljednjih 5 godina (Prirodne znanosti)
Radovi najviše kategorije sukladno Pravilniku o uvjetima za izbor u znanstvena zvanja	396**	212**	349**	229**
Ostali radovi sukladno Pravilniku o uvjetima za izbor u znanstvena zvanja	114**	51**	0**	0**
Autorstvo inozemno izdanih knjiga	0**	0**	0**	0**
Autorstvo domaćih knjiga	0**	0**	2**	0**
Poglavlja u knjigama	14**	2**	7**	1**
Uredništva knjiga	5**	3**	2**	1**
Stručni radovi	10**	1**	10**	0**
Recenzirani radovi sa znanstvenih i stručnih skupova	126**	57**	45**	19**
Radovi nastavnika vaše institucije u časopisima vaše institucije	29**	14**	10**	7**
Link na Crosbi	https://www.bib.irb.hr/pregled/ustanove/125			
Link na citatnu bazu s ukupnim pregledom za visoko učilište (radovi u Wos-u, Scopus-u)	-			

**Crosbi podaci

Tablica 5.3. Projekti u posljednjih 5 godina

Projekt (naziv)	Interval trajanja projekta**	Vrsta projekta	Vrsta financiranja	Financijer***	Detalji financiranja***	Uloga visokog učilišta	Ukupan iznos namijenjen VU-u	Ukupan iznos projekta
High Energy Calcium-Oxygen Batteries	1. 9. 2022. – 31. 8. 2025.	znanstveni	Projektno financiranje	NATO		nositelj	173.900,00 EUR	349.500,00 EUR
Continuous protein extraction in a micro-extractor by aqueous two-phase systems promoted with natural deep eutectic solvents: from waste to valuable product(s)	2022. - 2023.	znanstveni	Projektno financiranje	UNESCO		nositelj	25.704,00 EUR	25.704,00 EUR
Rapid discovery and development of enzymes for novel and greener consumer products	1. 6. 2021. - 31. 5. 2025.	znanstveni	Projektno financiranje	Europska komisija	Obzor 2020	nositelj	487.095,00 EUR	6.004.308,91 EUR
C-C bond formation using top performing enzymes	1. 3. 2021. - 28. 2. 2025.	znanstveni	Projektno financiranje	Europska komisija	Obzor 2020	nositelj	237.367,08 EUR	3.971.466,72 EUR
Razvoj potopljenog agregata za male hidroelektrane s niskim padom vode	1. 8. 2020. - 31. 7. 2023.	znanstveni	Projektno financiranje	Europska komisija	Europski strukturni i investicijski fondovi	partner		36.860.063,44 kn
Pametni sustavi za dostavu lijeka pri liječenju tumora kosti, SmartCar	1. 4. 2021. - 31. 3. 2026.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Uspostavni istraživački projekti	nositelj	1.836.666,00 kn	1.836.666,00 kn
Biorazgradive 3D tiskane strukture za augmentaciju kosti	1.12.2020.- 31.12.2023.	znanstveni	Bespovratna sredstva (grant/darovnica)	Europska komisija	Europski fond za regionalni razvoj	nositelj	5.531.842 kn	7.083.185.kn
Fotonsko sinteriranje inkjet ispisanih elektrokemijskih senzora i biosenzora na plastičnim podlogama	1.12.2020.- 31.12.2025.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Uspostavni istraživački projekti	nositelj	1.976.300 kn	1.976.300 kn
Mikroplastika u vodi; sudbina, ponašanje i uklanjanje	1.12.2020. - 31.12.2024.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	nositelj	1.125.200 kn	1.125.200 kn
Novi polimerni aditivi za maziva ulja i uljne nanofluide	1.12.2020. - 31.12.2023.	znanstveni	Projektno financiranje	Europska komisija	Europski fond za regionalni razvoj	nositelj	6.254.901,5 kn	7.259.788,5 kn

Istraživanje i razvoj inovativnih tehnologija obrade stakla	1.8.2020. – 31.8.2023.	znanstveni	Projektno financiranje	Europska komisija	Europski fond za regionalni razvoj	partner	142.575,6 kn	1.897.452,9 kn
Tackling hazardous substances pollution in the Danube River basin by measuring, modelling-based management and capacity building	1.7.2020. - 31.12.2022.	znanstveni	Projektno financiranje	Europska komisija		partner	90.945,8 EUR	2.597.483,2 EUR
Fenomeni na površini tijekom pripreve naprednih nanokompozita infiltracijom i funkcionalizacijom poroznih materijala	1.2.2020.- 31.1.2025.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Uspostavni istraživački projekti	nositelj	1.999.750 kn	1.999.750 kn
Molekularno krojenje istezljivih i zacjeljivih vodljivih polimera za nosivu elektroniku	1.2.2020.- 31.1.2025.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Uspostavni istraživački projekti	nositelj	1.969.600 kn	1.969.600 kn
Dekompozicije i aproksimacija matrica i tenzora	1.2.2020.- 31.1.2024.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Uspostavni istraživački projekti	nositelj	1.007.800 kn	1.007.800 kn
Neočekivani prirodni poremećaji u područjima svjetske prirodne baštine: tehnologija obnove i praćenja ekološkog stanja	1.1.2020.- 31.12.2022.	znanstveni	Projektno financiranje	Ministarstvo znanosti i obrazovanja		nositelj	15.000 kn	60.000 kn
Razvoj funkcionalnih biogoriva i (bio)aditiva te ispitivanje primjenskih svojstava mješavina s mineralnim gorivima	1.1.2020.- 31.1.2025.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Uspostavni istraživački projekti	nositelj	1.302.720 kn	1.302.720 kn
Razvoj novih rješenja za karakterizaciju i zaštitu brončane kulturne baštine izložene vanjskom okolišu	1.1.2020.- 31.1.2024.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	nositelj	1.159.500 kn	1.159.500 kn
Usporedba katalizatora dopiranog cerijeva oksida pripremljenog naprednim kemijskih	1.1.2020.- 31.12.2022.	znanstveni	Projektno financiranje	Ministarstvo znanosti i obrazovanja		nositelj	75.000 kn	150.000 kn

te fizikalnim metodama nanošenja								
Biokonverzija lignoceluloznog materijala u visokovrijednu hranu za životinje	1.12.2019.-31.12.2022.	znanstveni	Projektno financiranje	Europska komisija	Europski fond za regionalni razvoj	partner	26.784,7 kn	8.604.744 kn
Inovativna rješenja u katalitičkim proizvodnim procesima za potrebe farmaceutske industrije	1.12.2019.-31.12.2022.	znanstveni	Bespovratna sredstva (grant/darovnica)	Europska komisija	Europski fond za regionalni razvoj	partner	1.400.000 kn	6.165.675 kn
Novi početa za stare hrvatske sorte vinove loze	1.12.2019.-31.12.2022.	znanstveni	Projektno financiranje	Europska komisija	Europski fond za regionalni razvoj	partner	185.161 kn	7.151.462,5 kn
Otpad i Sunce u službi fotokatalitičke razgradnje mikroonečišćivala u vodama	1.12.2019.-31.12.2022.	znanstveni	Projektno financiranje	Vlastita sredstva ustanove Ministarstvo regionalnoga razvoja i fondova EU Ministarstvo znanosti i obrazovanja		partner	945.912 kn	8.481.498 kn
Primjena naprednih tehnologija obrade voda za uklanjanje mikroplastike	1.12.2019.-31.12.2023.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	892.500 kn	892.500 kn
Pročišćavanje vode i dobivanje energije korištenje novih kompozitnih materijala uz Sunčevo zračenje	1.12.2019.-31.12.2022.	znanstveni	Projektno financiranje	Europska komisija	Kohezijski fond	nositelj	2.909.678 kn	7.235.516,5 kn
Fotonaponska-geopolimerna fasada: uloga vode-kisika u naprednom sklapanju filmova kompozitnih materijala	1.10.2019.-31.5.2023.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Program znanstvena suradnja	nositelj	2.199.485 kn	2.199.485 kn
Joint PhD laboratory for new materials and inventive water treatment technologies. Harnessing resources effectively through innovation	1.2.2019.-31.1.2023.	znanstveni	Projektno financiranje	Europska komisija	Obzor 2020	partner	505.576,8 EUR	3.422.141,5 EUR

Istraživanje antioksidativnog djelovanja benzazolskog skeleta u dizajnu novih antitumorskih agensa	1.12.2018.-30.11.2022.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	994.000 kn	994.000 kn
Novi spojevi temeljeni na biozosterima purina za ispitivanje njihovih antitumorskih i antipatogenih djelovanja	1.12.2018.-30.11.2022.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	998.200 kn	998.200 kn
Hidrotermalna sinteza dopiranog cerij oksidnog nanokatalizatora	1.11.2018.-31.10.2022.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	475.000 kn	475.000 kn
Intenzifikacija fotokatalitičkih i katalitičkih procesa za obradu otpadnih voda i otpadnih plinova	1.11.2018.-31.10.2022.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	913.500 kn	913.500 kn
Nano-katalizatori aktivirani Sunčevim zračenjem u tehnologijama zaštite okoliša	1.10.2018.-31.10.2022.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	1.027.651,8 kn	1.027.651,8 kn
Razvoj TEHNIX pogona za bioreaktorsko kompostiranje biorazgradivog komunalnog otpada	1.3.2018.-28.2.2021.	znanstveni	Bespovratna sredstva (grant/darovnica)	Europska komisija		partner	555.949,1 kn	20.501.502 kn
Razvoj integriranog mikrosustava za biokatalitičku proizvodnju biodizela	1.5.2017.-30.4.2021.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	750.650 kn	750.650 kn
Izravna uporaba komunalne otpadne vode za navodnjavanje membranskim tehnologijama	1.4. 2017.-31.3.2019.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	1.492.909 kn	1.492.909 kn
Razvoj biokompatibilnih materijala na temelju hidroksiapatita za primjene u	1.3.2017.-28.2.2021.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	992.841 kn	992.841 kn

inženjerstvu koštanog tkiva								
Modeliranje okolišnih aspekata napredne obrade voda za razgradnju prioriternih onečišćivala	1.9.2015.-31.1.2019.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	965.200 kn	965.200 kn
Razvoj materijala za 3D tiskanje mikroreaktora	1.7.2015.-30.6.2018.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Uspostavni istraživački projekti	nositelj	799.590 kn	799.590 kn
Sudbina farmaceutika u okolišu i tijekom naprednih postupaka obrade voda	1.7.2015.-30.6.2019.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	943.500 kn	943.500 kn
Sustainable industrial processes based on a C-C bond-forming enzyme platform	1.4.2015.-31.3.2019.	znanstveni	Projektno financiranje	Europska komisija	Obzor 2020	partner	544.260 Eur	9.251.355 Eur
Elektrokemijski superkondenzator visoke snage i velikog sadržaja energije za primjenu u električnim vozilima	1.11.2014.-30.11.2018.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	955.800 kn	955.800 kn
Razvoj fotokatalitičkih polimernih nanokompozita za obradu otpadnih voda	1.9.2014.-31.8.2018.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	915.300 kn	915.300 kn
Istraživanje utjecaja na okoliš primjene nanomaterijala u pročišćavanju voda	1.7.2014.-31.7.2017.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Uspostavni istraživački projekti	nositelj	948.964,5 kn	948.964,5 kn
Sinteza i citostatska ispitivanja biblioteke novih sušikovitih heterocikla	1.6.2014.-31.5.2018.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	934.036 kn	934.036 kn
CeSaR na Fakultetu kemijskog inženjerstva i tehnologije	1.3.2020.-31.3.2023.	stručni	Bespovratna sredstva (grant/darovnica)	Europska komisija	Eurposki socijalni fond	nositelj	3.683.389,5 kn	3.683.389,5 kn
Primjena mikrobiološke zajednice aerobnom procesu obrade otpadne vode i optimizacija uvjeta u cilju optimalnog rada	1.6.2016.-31.5.2017.	Stručni	Projektno financiranje	Domaći gospodarski subjekt/tvrtka	PLIVA HRVATSKA d.o.o.	nositelj	9.000 kn	9.000 kn

pročišćivača otpadnih voda								
Praćenje kakvoće aktivnog mulja iz aerobnog reaktora uz optimizaciju procesa temeljenu na mikrobiološkim transformacijama s postrojenja za obradu otpadne vode s lokacije SavskiMarof	1.7.2015.-30.4.2016.	Stručni	Projektno financiranje	Domaći gospodarski subjekt/tvrtka	PLIVA HRVATSKA d.o.o.	nositelj	10.000 kn	10.000 kn
Napredno vođenje procesa kristalizacije	1.12.2020.-31.12.2023.	Infrastruktorni	Bespovratna sredstva (grant/darovnica)	Europska komisija Ministarstvo znanosti i obrazovanja	Europski fond za regionalni razvoj	nositelj	6.545.544 kn	7.783.366 kn
Akustična negoriva ploča	1.10.2020.-30.9.2023.	Infrastruktorni	Projektno financiranje	Europska komisija	Europski fond za regionalni razvoj	partner	1.111.536,2 kn	9.939.886 kn
Razvoj tehničkog rješenja za uštedu energije upotrebom VIS propusnih ili polupropisnih IC-reflektivnih tankih slojeva	1.9.2020.-30.9.2023.	Infrastruktorni	Projektno financiranje	Europska komisija	Europski fond za regionalni razvoj	partner	4.239.196 kn	11.724.498 kn
Virtulab-Integrirani laboratorij za primarne i sekundarne sirovine	1.11.2018.-31.7.2021.	Infrastruktorni	Projektno financiranje	Europska komisija Vlastita sredstva ustanove	Europski fond za regionalni razvoj	partner	1.059.490,6 kn	12.300.603 kn
TARGET-Uspostava visokoobrazovnih standarda kvalifikacij u sektoru Rudarstva, Geologije i kemijske tehnologije	1.6.2015.-30.9.2016.	Projekti u visokom obrazovanju	Projektno financiranje	Europska komisija Vlastita sredstva ustanove	Europski socijalni fond	partner	0 kn	2.661.427,8 kn
Stabilizacija halogenhidrid-dehalogenaza radi upotrebe u nekonvencionalnim medijima	1.1.2020.-31.12.2022	Međunarodna mobilnost	Projektno financiranje	Ministarstvo znanosti i obrazovanja	Program znanstveno-tehnološke suradnje između Republike Hrvatske i Republike Slovenije	nositelj	14.876 kn	14.876 kn
Primjena plazma tehnologija za razvoj polimernih materijala za katalitičke mikroreaktore	1.1.2017.-31.12.2018.	Međunarodna mobilnost	Projektno financiranje	Ministarstvo znanosti i obrazovanja		partner	37.841 kn	37.841 kn

Polimerne mješavine i polimerni kompoziti za biomedicinske primjene	1.3.2016.-31.12.2017.	Međunarodna mobilnost	Projektno financiranje	Ministarstvo znanosti i obrazovanja	Program znanstveno-tehnološke suradnje između Republike Hrvatske i Republike Slovenije	nositelj	7.529 kn	7.529 kn
Modularni uređaj za obradu otpadnih voda	2016.-2017.		Projektno financiranje	HAMAG-BICRO	Projekti Hrvatske agencije za malo gospodarstvo, inovacije i investicije	nositelj		

Tablica 5.6. 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	9	9*	174+82	6+7
Inženjerska kemija	16	16*		
Kemijsko inženjerstvo i primijenjena kemija	34	34*		

* Zahtijeva se minimalno jedan rad u inozemnom znanstvenom časopisu

** Doktorandi s različitim 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 5.6.1. Popis doktoranada

	Studij	Prezime	Ime	Mentor_DR	Dat_obr_DR
1.	KIP	Nikl	Hrvoje	Bolanča Tomislav, Rogošić Marko	21.12.2021.
2.	KIP	Petračić	Ana	Sander Aleksandra	6.12.2021.
3.	KIP	Lukić	Marija	Vrsaljko Domagoj	11.11.2021.
4.	KIP	Aničić	Maja	Samardžić Mirela	27.10.2021.
5.	KIP	Herceg	Srečko	Bolf Nenad	30.9.2021.
6.	KIP	Zečević	Nenad	Bolf Nenad	19.7.2021.
7.	KIP	Mitar	Anamarija	Prlić Kardum Jasna	18.6.2021.
8.	KIP	Bernat	Robert	Ukić Šime, Čapan Ivana	11.6.2021.
9.	KIP	Matić	Petra	Jakobek Barron Lidija, Ukić Šime	3.6. 2021.
10.	KIP	Gretić	Matija	Matijašić Gordana	23. 4. 2021.
11.	KIP	Bauer	Leonard	Ivanković Marica	8. 4. 2021.
12.	KIP	Sigurnjak Bureš	Marija	Ukić Šime	12. 2 2021.
13.	KIP	Vukušić	Tina	Milardović Stjepan, Prkić Ante	29.1.2021.
14.	KIP	Kos	Jasna	Sipos Laszlo, Bogut Irella	22.1.2021.
15.	KIP	Šabić Runjavec	Monika	Marija Vuković Domanovac	3. 12. 2020.
16.	KIP	Zagajski Kučan	Kristina	Marko Rogošić	20. 11. 2020.
17.	KIP	Ressler	Antonia	Hrvoje Ivanković, Inga Urlić	13. 11. 2020.
18.	KIP	Ivanišević	Irena	Stjepan Milardović†	26. 10. 2020.
19.	KIP	Grgičević	Ana	Irena Škorić	9. 10. 2020.
20.	KIP	Cetina	Ivana	Irina Pucić, Danijela Ašperger	29. 6. 2020.
21.	KIP	Lovinčić Milovanović	Vedrana	Domagoj Vrsaljko	29. 5. 2020.
22.	KIP	Dabić	Dario	Sandra Babić	12. 5. 2020.
23.	KIP	Švarc	Anera	Ana Vrsalović Presečki	13. 3. 2020.
24.	KIP	Racar	Marko	Davor Dolar	28. 2. 2020.
25.	KI	Ribić	Bojan	Nenad Bolf, Dinko Sinčić	6. 2. 2020.
26.	KIP	Mrđa Lalić	Marina	Sanja Martinez	17.12.2019.
27.	IK	Coha	Ivana	Danijela Ašperger, Željko Grahek	30.10.2019.
28.	KI	Juretić Perišić	Daria	Ana Lončarić Božić	4.10.2019.
29.	KIP	Česnik	Morana	Zvezdana Findrik Blažević	4.10.2019.
30.	KI	Plavac	Bojan	Sanja Papić †, Ana Lončarić Božić	4.10.2019.
31.	IK	Maračić	Silvija	Silvana Raić-Malić	18.7.2019.
32.	KI	Polovina	Saša	Igor Dejanović, Mirko Stijepović	10.5.2019.
33.	KI	Mimica Tkalčec	Marijana	Mirela Leskovac	25.4.2019.
34.	KIP	Gilja	Vanja	Zlata Hrnjak-Murgić	10.4.2019.
35.	IK	Assarian	Arezo	Sanja Martinez	20.3.2019.
36.	KIP	Cvetnić	Matija	Tomislav Bolanča	18.1.2019.

	Studij	Prezime	Ime	Mentor_DR	Dat_obr_DR
37.	KIP	Sačer	Denis	Marijana Kraljić Roković	10.12.2018.
38.	IK	Beneta	Antonija	Dragana Mutavdžić Pavlović	06.12.2018.
39.	KI	Duplančić	Marina	Vesna Tomašić	03.12.2018.
40.	KIP	Kristan Mioč	Ekatarina	Helena Otmačić Ćurković	08.11.2018.
41.	IK	Petković	Orjen	Čedomila Milin, Dragana Mutavdžić Pavlović	12.10.2018.
42.	KIP	Runje	Mislav	Sandra Babić	04.10.2018.
43.	KIP	Kovačić	Marin	Hrvoje Kušić	25.07.2018.
44.	KI	Hadžić	Alen	Ljubica Matijašević	23.07.2018.
45.	IK	Cindrić	Ines	Natalija Koprivanac	17.07.2018.
46.	KIP	Bistrović Popov	Andrea	Silvana Raić-Malić	13.06.2018.
47.	KI	Kordić	Šimo	Gordana Matijašić	11.05.2018.
48.	KI	Nežić	Igor	Aleksandra Sander, Ernest Meštrović	27.04.2018.
49.	IK	Cerić	Dijana	Danijela Ašperger	19.03.2018.
50.	IK	Jakovljević	Ivana	Gordana Pehnac, Vesna Tomašić	12.12.2017.
51.	IK	Jukić	Mirela	Lidija Ćurković	12.12.2017.
52.	IK	Đokić	Maja	Tomislav Bolanča, Nina Bilandžić	08.12.2017.
53.	IK	Strahovnik	Tomislav	Tomislav Bolanča, Marko Rogošić	17.11.2017.
54.	IK	Ganjto	Marin	Hrvoje Ivanković	14.11.2017.
55.	KIP	Hajduković	Mateja	Mirela Samardžić, Stjepan Milardović	01.09.2017.
56.	IK	Tušek	Dragutin	Danijela Ašperger	12.06.2017.
57.	IK	Horak	Ema	Ivana Steinberg	02.06.2017.
58.	IK	Zebić Avdičević	Maja	Slaven Dobrović, Krešimir Košutić	14.02.2017.
59.	IK	Herner	Željko	Felicita Briški	10.02.2017.

Djevojačka prezimena doktorandica i mentorica

Doktorandice:

1. Matić Petra, r. Krivak (2021)
2. Sigurnjak Bureš Marija, r. Sigurnjak (2021)
3. Grgičević Ana, r. Ratković (2020)
4. Lovinčić Milovanović Vedrana, r. Lovinčić (2020)
5. Šabić Runjavec Monika, r. Šabić (2020)
6. Zagajski Kučan Kristina, r. Zagajski (2020)
7. Maračić Silvija, r. Korunda (2019)
8. Juretić Perišić Daria, r. Juretić (2019)
9. Coha Ivana, r. Milanović (2019)
10. Česnik Katulić Morana, r. Česnik (2019)
11. Mrđa Marina, dio radova pod prezimenom Mrđa Lalić (2019)
12. Mimica Tkalčec Marijana, r. Mimica (2019)
13. Gilja Vanja, r. Šute (2019)
14. Beneta Antonija, r. Periša (2018)
15. Budetić Mateja, r. Hajduković (2018)
16. Duplančić Marina, r. Ivandić (2018)
17. Kristan Mioč Ekatarina, r. Kristan (2018)
18. Cindrić Ines, r. Gračanin (2018)
19. Bistrović Popov Andrea, r. Bistrović (2018)
20. Cerić Dijana, r. Drljača (2018)
21. Jukić Mirela, r. Milas (2017)
22. Jakovljević Ivana, r. Lulić (2017)
23. Zebić Avdičević Maja, r. Zebić (2017)

Mentorice:

1. Jakobek Barron Lidija, r. Jakobek
2. Urlić Inga, r. Marijanović

Tablica 5.7. Popis radova doktoranada povezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC u razdoblju 1.1.2017. – 31.12.2021. (za tablicu 5.6.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STU DIJ
1.	Bilandžić, Nina; Tlak Gajger, Ivana; Kosanović, Marina; Čalopek, Bruno; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Božić Luburića, Đurđica; Varga, Ines; Đokić, Maja. Essential and toxic element concentrations in monofloral honeys from southern Croatia. // <i>Food chemistry</i> . 234 (2017) ; 245-253	4,946 (2017.)	IK
2.	Bistrović, Andrea; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Kraljević Pavelić, Sandra; Cetina, Mario; Raić-Malić, Silvana. Synthesis and anti-proliferative effects of mono- and bis-purinomimetics targeting kinases. // <i>International journal of molecular sciences</i> . 18 (2017) , 11; 2292-1-2292-20	3,687 (2017.)	KIP
3.	Bistrović, Andrea; Stipaničev, Nikolina; Opačak-Bernardi, Teuta; Jukić, Marijana; Martinez, Sanja; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Synthesis of 4-aryl-1,2,3-triazolyl appended natural coumarin-related compounds with antiproliferative, radical scavenging activities and intracellular ROS production modification. // <i>New journal of chemistry</i> . 41 (2017) , 15; 7531-7543	3,201 (2017.)	KIP
4.	Bolanča, Tomislav; Strahovnik, Tomislav; Ukić, Šime; Novak Stankov, Mirjana; Rogošić, Marko. Modeling of policies for reduction of GHG emissions in energy sector using ANN: case study-Croatia (EU). // <i>Environmental science and pollution research</i> . 24 (2017) , 19; 16172-16185	2,800 (2017.)	IK
5.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Đermadi, Jasna; Horvat, Sanja; Bolanča, Tomislav; Marin, Vedrana; Karamanis, Panagiotis; Lončarić Božić, Ana. Prediction of biodegradability of aromatics in water using QSAR modeling. // <i>Ecotoxicology and environmental safety</i> . 139 (2017) ; 139-149	3,974 (2017.)	KIP, KI
6.	Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Photooxidative degradation of pesticides in water; response surface modeling approach. // <i>Journal of advanced oxidation technologies</i> . 20 (2017) , 1; 20160172-1-20160172-14	0,901 (2017.)	KIP
7.	Čurković, Lidija; Jukić, Mirela; Šokčević, Zrinka; Majić Renjo, Marijana. Woody biomass fly ash as a low-cost sorbent for the removal of ionic dye from aqueous solution: Isotherm, kinetic modelling and thermodynamics. // <i>Desalination and water treatment</i> . 89 (2017) ; 171-180	1,383 (2017.)	IK
8.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 375-383	1,383 (2017.)	KI
9.	Gilja, Vanja; Novaković, Katarina; Travaš-Sejdić, Jadranka; Hrnjak-Murčić, Zlata; Kraljić Roković, Marijana; Žic, Mark. Stability and synergistic effect of polyaniline/TiO ₂ photocatalysts in degradation of Azo dye in wastewater. // <i>Nanomaterials</i> . 7 (2017) , 12; 412-1-412-16	3,504 (2017.)	KIP
10.	Hajduković, Mateja; Samardžić, Mirela; Galović, Olivera; Sečenji, Aleksandar; Sak-Bosnar, Milan. A functionalized nanomaterial based, new, solid state cationic-surfactant-selective sensor with fast response and low noise. // <i>Sensors and actuators. B, Chemical</i> . 251 (2017) ; 795-803	5,667 (2017.)	KIP
11.	Herner, Željko; Kučić, Dajana; Zelić, Bruno. Biodegradation of imidacloprid by composting process. // <i>Chemical papers</i> . 71 (2017) ; 13-20	0,963 (2017.)	IK
12.	Horak, Ema; Hranjec, Marijana; Vianello, Robert; Steinberg, Ivana. Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. // <i>Dyes and pigments</i> . 142 (2017) ; 108-115	3,767 (2017.)	IK

13.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Krištafor, Svjetlana; Karminski Zamola, Grace; Murković Steinberg, Ivana. Benzimidazole acrylonitriles as multifunctional push-pull chromophores: spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . 178 (2017) ; 225-233	2,880 (2017.)	IK
14.	Hranjec, Marijana; Horak, Ema; Babić, Darko; Plavljanin, Sanela; Srdović, Zrinka; Murković Steinberg, Ivana; Vianello, Robert; Perin, Nataša. Fluorescent benzimidazo[1, 2-a]quinolines: Synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. // <i>New journal of chemistry</i> . 41 (2017) , 1; 358-371	3,201 (2017.)	IK
15.	Hrenović, Jasna; Ganjto, Marin; Goić-Barišić, Ivana. Carbapenem-resistant bacteria in a secondary wastewater treatment plant. // <i>Water SA</i> . 43 (2017) , 2; 186-191	0,783 (2017.)	IK
16.	Hrenović, Jasna; Ivanković, Tomislav; Iveković, Damir; Repec, Siniša; Stipaničev, Draženka; Ganjto, Marin. The fate of carbapenem-resistant bacteria in a wastewater treatment plant. // <i>Water research</i> . 26 (2017) , 1; 232-239	7,051 (2017.)	IK
17.	Jakobek, Lidija; Matić, Petra; Krešić, Vedrana; Barron, Andrew. Adsorption of apple polyphenols onto β -glucan. // <i>Czech journal of food sciences</i> . 35 (2017) , 6; 476-482	0,868 (2017.)	KIP
18.	Jukić, Mirela; Ćurković, Lidija; Šabarić, Jasenka; Kerolli-Mustafa, Mihone. Fractionation of heavy metals in fly ash from wood biomass using the BCR sequential extraction procedure. // <i>Bulletin of environmental contamination and toxicology</i> . 99 (2017) , 4; 524-529	1,480 (2017.)	IK
19.	Juretić Perišić, Daria; Belet, Alexandre; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Lončarić Božić, Ana. Comparative study on photocatalytic treatment of diclofenac: slurry vs. immobilized processes. // <i>Desalination and water treatment</i> . 81 (2017) ; 170-185	1,383 (2017.)	KI
20.	Kovačić, Marin; Kušić, Hrvoje; Fanetti, Mattia; Lavrenčić Štangar, Urška; Valant, Matjaž; Dionysiou, Dionysios D.; Lončarić Božić, Ana. TiO ₂ -SnS ₂ nanocomposites: solar-active photocatalytic materials for water treatment. // <i>Environmental science and pollution research</i> . 24 (2017) , 24; 19965-19979	2,800 (2017.)	KIP
21.	Matić, Petra; Sabljic, Marija; Jakobek, Lidija. Validation of spectrophotometric methods for the determination of total polyphenol and total flavonoid content. // <i>Journal of AOAC International</i> . 100 (2017) , 6; 1795-1803	1,087 (2017.)	KIP
22.	Medvidović-Kosanović, Martina; Šter, Anamarija; Jakobek, Lidija; Krivak, Petra; Mađarić, Rebecca. Electrochemical and spectrophotometric determination of total polyphenol content in Croatian apple varieties. // <i>Croatica chemica acta</i> . 90 (2017) , 2; 129-134	0,705 (2017.)	KIP
23.	Kovac, Bojan; Grčić, Ivana; Brnardić, Ivan; Grozdanić, Vedrana; Papić, Sanja. Kinetic study of salicylic acid photocatalytic degradation using sol-gel anatase thin film with enhanced long-term activity. // <i>Reaction kinetics mechanisms and catalysis</i> . 120 (2017) , 1; 385-401	1,515 (2017.)	KI
24.	Racar, Marko; Dolar, Davor; Košutić, Krešimir. Chemical cleaning of flat sheet ultrafiltration membranes fouled by effluent organic matter. // <i>Separation and purification technology</i> . 188 (2017) ; 140-146	3,927 (2017.)	KIP
25.	Racar, Marko; Dolar, Davor; Špehar, Ana; Košutić, Krešimir. Application of UF/NF/RO membranes for treatment and reuse of rendering plant wastewater. // <i>Process safety and environmental protection</i> . 105 (2017) ; 386-392	3,441 (2017.)	KIP
26.	Racar, Marko; Dolar, Davor; Špehar, Ana; Kraš, Ana; Košutić, Krešimir. Optimization of coagulation with ferric chloride as a pretreatment for fouling reduction during nanofiltration of rendering plant secondary effluent. // <i>Chemosphere</i> . 181 (2017) ; 485-491	4,427 (2017.)	KIP
27.	Ribić, Bojan; Voća, Neven; Ilakovac, Branka. Concept of sustainable waste management in the City of Zagreb: Towards the implementation of circular economy approach. // <i>Journal of the air & waste management association</i> . 67 (2017) , 2; 241-259	1,742 (2017.)	KI
28.	Sačar, Denis; Kralj, Magdalena; Sopčić, Suzana; Košević, Milica; Dekanski, Aleksandar; Kraljić Roković, Marijana. Supercapacitors based on graphene/pseudocapacitive materials. // <i>Journal of the Serbian chemical society</i> . 82 (2017) , 4; 411-416	0,797 (2017.)	KIP

29.	Salaeh, Subhan; Kovačić, Marin; Kosir, Dominik; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Reuse of TiO ₂ -based catalyst for solar driven water treatment; thermal and chemical reactivation. // <i>Journal of photochemistry and photobiology. A, Chemistry.</i> 333 (2017) ; 117-129	2,891 (2017.)	KIP
30.	Skoko, Božena; Marović, Gordana; Babić, Dinko; Šoštarić, Marko; Jukić, Mirela. Plant uptake of ²³⁸ U, ²³⁵ U, ²³² Th, ²²⁶ Ra, ²¹⁰ Pb and ⁴⁰ K from a coal ash and slag disposal site and control soil under field conditions: A preliminary study. // <i>Journal of environmental radioactivity.</i> 172 (2017) ; 113-121	2,263 (2017.)	IK
31.	Tireli, Martina; Maračić, Silvija; Lukin, Stipe; Juribašić Kulcsar, Marina; Žilić, Dijana; Cetina, Mario; Halasz, Ivan; Raić-Malić, Silvana; Užarević, Krunoslav. Solvent-free copper-catalyzed click chemistry for the synthesis of novel N-heterocyclic hybrids based on quinolone and 1,2,3-triazole. // <i>Beilstein journal of organic chemistry.</i> 13 (2017) , 13; 2352-2363	2,330 (2017.)	IK
32.	Tušek, Dragutin; Ašperger, Danijela; Bačić, Ivana; Ćurković, Lidija; Macan, Jelena. Environmentally acceptable sorbents of chemical warfare agent simulants. // <i>Journal of material science.</i> 52 (2017) , 5; 2591-2604	2,993 (2017.)	IK
33.	Zebić Avdičević, Maja; Košutić, Krešimir; Dobrović, Slaven. Effect of operating conditions on the performances of multichannel ceramic UF membranes for textile mercerization wastewater treatment. // <i>Environmental technology.</i> 38 (2017) , 1; 65-77	1,666 (2017.)	IK
34.	Assarian, Arezoo; Martinez, Sanja. Improving polyaspartic anti-corrosion coating protective properties with the use of nano-silica. // <i>Acta chimica Slovenica.</i> 65 (2018) , 3; 569-577	1,076 (2018.)	IK
35.	Beneta, Antonija; Mutavdžić Pavlović, Dragana; Periša, Ivan; Petrović, Mira. Multiresidue GC-MS/MS pesticide analysis for evaluation of tea and herbal infusion safety. // <i>International journal of environmental analytical chemistry.</i> 98 (2018) , 11; 987-1004	1,267 (2018.)	IK
36.	Bilandžić, Nina; Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurđica; Varga, Ines; Benić, Miroslav; Roncarati, Alessandra. Element contents in commercial fish species from the Croatian market. // <i>Journal of food composition and analysis.</i> 71 (2018) ; 77-86	2,994 (2018.)	IK
37.	Bistrović, Andrea; Grbčić, Petra; Harej, Anja; Sedić, Mirela; Kraljević Pavelić, Sandra; Koštrun, Sanja; Plavec, Janez; Makuc, Damjan; Raić-Malić, Silvana. Small molecule purine and pseudopurine derivatives: synthesis, cytostatic evaluations and investigation of growth inhibitory effect in non-small cell lung cancer A549. // <i>Journal of enzyme inhibition and medicinal chemistry.</i> 33 (2018) , 1; 271-285	4,027 (2018.)	KIP
38.	Bistrović, Andrea; Krstulović, Luka; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Koštrun, Sanja; Kraljević Pavelić, Sandra; Bajić, Miroslav; Raić-Malić, Silvana. Design, synthesis and biological evaluation of novel benzimidazole amidines as potent multi-target inhibitors for the treatment of non-small cell lung cancer. // <i>European journal of medicinal chemistry.</i> 143 (2018) ; 1616-1634	4,833 (2018.)	KIP
39.	Bistrović, Andrea; Krstulović, Luka; Stolić, Ivana; Drenjančević, Domagoj; Talapko, Jasminka; Taylor, Martin; Kelly, John; Bajić, Miroslav; Raić-Malić, Silvana. Synthesis, anti-bacterial and anti-protozoal activities of amidinobenzimidazole derivatives and their interactions with DNA and RNA. // <i>Journal of enzyme inhibition and medicinal chemistry.</i> 33 (2018) , 1; 1323-1334	4,027 (2018.)	KIP
40.	Capjak, Ivona; Zebić Avdičević, Maja; Dutour Sikirić, Maja; Domazet Jurašin, Darija; Hozić, Amela; Pajić, Damir; Dobrović, Slaven; Goessler, Walter; Vinković Vrček, Ivana. Behavior of silver nanoparticles in wastewater: systematic investigation on the combined effects of surfactants and electrolytes in model systems. // <i>Environmental science: water research & technology.</i> 4 (2018) ; 2146-2159	4,195 (2018.)	IK
41.	Cindrić, Ines; Grčić, Ivana; Koprivanac, Natalija. The sensitization effect of waste toner powder in the photocatalytic degradation of surfactant sodium dodecylbenzene sulfonate over immobilized TiO ₂ -chitosan layer under UVC and solar irradiation. // <i>Reaction kinetics mechanisms and catalysis.</i> 124 (2018) , 2; 905-930	1,428 (2018.)	IK
42.	Dabić, Dario; Brkljačić, Lidija; Tandarić, Tana; Žinić, Mladen; Vianello, Robert; Frkanec, Leo; Kobetić, Renata. The metal effect on self-assembling of oxalamide gelators explored by mass spectrometry and DFT calculations. // <i>Journal of the American society for mass spectrometry.</i> 29 (2018) , 1; 103-113	3,202 (2018.)	KIP

43.	Duplančić, Marina; Tomašić, Vesna; Gomzi, Zoran. Catalytic oxidation of toluene: comparative study over powder and monolithic manganese-nickel mixed oxide catalysts. // <i>Environmental technology</i> . 39 (2018) , 15; 2004-2016	1,918 (2018.)	KI
44.	Đokić, Maja; Bilandžić, Nina; Sedak, Marija; Đuras, Martina; Gomerčić, Tomislav; Benić, Miroslav; Bolanča, Tomislav. Manganese concentrations in tissues and skin of three dolphin species stranded in the Croatian waters of the Adriatic Sea from 1995 to 2013. // <i>Bulletin of environmental contamination and toxicology</i> . 100 (2018) ; 317-323	1,650 (2018.)	IK
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Tablica 5.8. Popis radova doktoranada nepovezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC u razdoblju 1.1.2017. – 31.12.2021. (za tablicu 5.6.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STUDIJ
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R. br.	Referenca rada indeksiranog u bazi podataka Scopus	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</i> . 48 (2017) , 4; 267-276	-	IK
2.	Duplančić, Marina; Tomašić, Vesna; Kurajica, Stanislav; Minga, Iva; Maduna Valkaj, Karolina.	-	KI

	A comparative study of toluene oxidation on different metal oxides. // <i>Chemical engineering transactions</i> . 57 (2017) ; 889-894		
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</i> . 48 (2017) , 6; 439-449	-	IK
4.	Herceg, Srećko; Ujević Andrijić, Željka; Bolf, Nenad. Continuous estimation of the key components content in the isomerization process products. // <i>Chemical engineering transactions</i> . 69 (2018) ; 79-84	-	KIP
5.	Kristan Mioč, Ekatarina; Otmačić Ćurković, Helena. Protective films of stearic and octadecylphosphonic acid formed by spray coating. // <i>Journal of electrochemical science and engineering</i> . 10 (2020) , 2; 161-175	-	KIP
6.	Ressler, Antonia; Žužić, Andreja; Ivanišević, Irena; Kamboj, Nikhil; Ivanković, Hrvoje. Ionic substituted hydroxyapatite for bone regeneration applications: A review. // <i>Open ceramics</i> . 6 (2021) ; 100122, 16	-	KIP

Tablica 5.10. Popis radova doktoranada nepovezanih s disertacijom (prije i nakon obrane, u bazi podataka SCOPUS, bez onih u WoSCC u razdoblju 1.1.2017. – 31.12.2021. (za tablicu 2.4.)

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	STU DIJ
1.	Sedak, Marija; Čalopek, Bruno; Đokić, Maja; Bilandžić, Nina. Arsen i arsenove specije u hrani - naglasak na anorganski arsen. // <i>Veterinarska stanica</i> . 49 (2018) , 5; 343-353	-	IK
2.	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> . 50 (2019) , 6; 513-521	-	IK
3.	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> . 50 (2019) , 1; 1-10	-	IK
4.	Marčec, Dorotea; Rukavina, Marko; Lukić, Marija. Millireactors with prismatic static mixers for synthesis of dibenzalacetone. // <i>Chimica oggi-chemistry today</i> . 37 (2019) , 5; 42-46	-	KIP
5.	Đokić, Maja; Sedak, Marija; Bilandžić, Nina. Insekticid fipronil u proizvodima od peradi u Europskoj uniji. // <i>Veterinarska stanica</i> . 51 (2020) , 2; 165-174	-	IK
6.	Grdiša, Martina; Varga, Filip; Ninčević, Tonka; Ptiček, Barbara; Dabić, Dario; Biošić, Martina. The extraction efficiency of maceration, UAE and MSPD in the extraction of pyrethrins from Dalmatian pyrethrum. // <i>ACS - Agriculturae conspectus scientificus</i> . 85 (2020) , 3; 257-267	-	KIP
7.	Kučić Grgić, Dajana; Bera, Luka; Miloloža, Martina; Cvetnić, Matija; Ignjatić Zokić, Tatjana; Miletić, Branko; Leko, Tomislav; Ocelić Bulatović, Vesna. Obrada aktivnog mulja s uređaja za pročišćavanje komunalnih otpadnih voda procesom kompostiranja. // <i>Hrvatske vode</i> . 28 (2020), 111; 1-8	-	KIP

Tablica 5.12. Odabrane knjige i udžbenici koje su objavili nastavnici Fakulteta u posljednjih pet godina

Autor Naziv knjige / udžbenika	Izdavač, mjesto i godina izdanja, broj stranica
Stanislav Kurajica Rendgenska difrakcija na prahu	Hrvatsko društvo kemijskih inženjera i tehnologa i Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2020., 315
Tatjana Gazivoda Kraljević, Marijana Hranjec Osnove kemije heterocikličkih spojeva	Fakultet kemijskog inženjerstva i tehnologije i Hrvatsko društvo kemijskih inženjera i tehnologa, Zagreb, 2020., 283
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 Krajovan, 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

Tablica 5.13. Popis svih publikacija u 2020., 2021. prema WoSCC-u i SCOPUS-u.

WoSCC – 2020.

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.	Biošić, Martina; Babić, Sandra. Trimethoprim elimination by biotic and abiotic processes. // <i>Fresenius environmental bulletin</i> . 29 (2020) , 9A; 7972-7979	0,489 (2020.)	0,479 (2020.)	ENVIRONMENTAL SCIENCES	Q4	3,038 (2020.)
2.	Biošić, Martina; Varga, Filip; Dabić, Dario; Topalović, Ines; Šatović, Zlatko; Grdiša, Martina. Matrix solid-phase dispersion optimization for determination of pyrethrin content in Dalmatian pyrethrum (<i>Tanacetum cinerariifolium</i> /Trevir./ Sch. Bip.) by liquid chromatography. // <i>Industrial crops and products</i> . 145 (2020) ; 111999, 9	5,645 (2020.)	5,749 (2020.)	AGRICULTURAL ENGINEERING	Q1	1,698 (2020.)
				AGRONOMY	Q1	1,799 (2020.)

3.	Bistrović Popov, Andrea; Krstulović, Luka; Koštrun, Sanja; Jelić, Dubravko; Brokulić, Ana; Radić Stojković, Marijana; Zonjić, Iva; Taylor, Martin C.; Kelly, John M.; Bajić, Miroslav; Raić-Malić, Silvana. Design, synthesis, antitrypanosomal activity, DNA/RNA binding and in vitro ADME profiling of novel imidazoline-substituted 2-arylbenzimidazoles. // <i>European journal of medicinal chemistry</i> . 207 (2020) ; 112802, 19	6,514 (2020.)	6,099 (2020.)	CHEMISTRY, MEDICINAL	Q1	3,466 (2020.)
4.	Božović, Stojan; Gvozdanić, Tena; Kraš, Ana; Grudić, Veselinka; Kurajica, Stanislav; Martinez, Sanja. Rust layer growth and modification by a tannin-based mixture for lowering steelcorrosion rates in neutral saline solution. // <i>Corrosion engineering, science and technology</i> . 55 (2020) , 5; 372-380	2,087 (2020.)	1,981 (2020.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,328 (2020.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,728 (2020.)
5.	Cvetnić, Matija; Tomić, Antonija; Sigurnjak, Marija; Novak Stankov, Mirjana; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Structural features of contaminants of emerging concern behind empirical parameters of mechanistic models describing their photooxidative degradation. // <i>Journal of water process engineering</i> . 33 (2020) ; 101053, 11	5,485 (2020.)	5,491 (2020.)	ENGINEERING, CHEMICAL	Q1	2,908 (2020.)
				ENGINEERING, ENVIRONMENTAL	Q2	3,732 (2020.)
				WATER RESOURCES	Q1	2,692 (2020.)
6.	Čadež, Tena; Grgičević, Ana; Ahmetović, Ramiza; Barić, Danijela; Maček Hrvat, Nikolina; Kovarik, Zrinka; Škorić, Irena. Benzobicyclo[3.2.1]octene derivatives as a new class of cholinesterase inhibitors. // <i>Molecules</i> . 25 (2020) , 21; 4872, 25	4,411 (2020.)	4,587 (2020.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,859 (2020.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,000 (2020.)
7.	Česnik, Morana; Sudar, Martina; Hernández, Karel; Charnock, Simon; Vasić-Rački, Đurđa; Clapés, Pere; Findrik Blažević, Zvezdana. Cascade enzymatic synthesis of L-homoserine – mathematical modelling as a tool for process optimisation and design. // <i>Reaction chemistry and engineering</i> . 5 (2020) ; 747-759	4,239 (2020.)	4,502 (2020.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,000 (2020.)
				ENGINEERING, CHEMICAL	Q2	2,908 (2020.)
8.	Erceg, Ina; Selmani, Atida; Gajović, Andreja; Panžić, Ivana; Iveković, Damir; Faraguna, Fabio; Šegota, Suzana; Čurlin, Marija; Strasser, Vida; Kontrec, Jasminka; Kralj, Damir; Maltar Strmečki, Nadica; Dutour Sikirić, Maja. Calcium phosphate formation on TiO ₂ nanomaterials of different dimensionality. // <i>Colloids and surfaces A: Physicochemical and engineering aspects</i> . 593 (2020) ; 124615, 13	4,539 (2020.)	4,039 (2020.)	CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
9.	Finšgar, Matjaž; Khanari, Klodian; Otmačić Ćurković, Helena. Cyclic voltammetry as an electroanalytical tool for analysing the reaction mechanisms of copper in chloride solution containing different azole compounds. // <i>Current analytical chemistry</i> . 16 (2020) , 4; 465-474	1,892 (2020.)	1,596 (2020.)	CHEMISTRY, ANALYTICAL	Q4	3,009 (2020.)
10.	Gaggero, Alessio; Jurišić Dukovski, Bisera; Radić, Irena; Šagud, Ivana; Škorić, Irena; Cinčić, Dominik; Jug, Mario. Co-grinding with surfactants as a new approach to enhance in vitro dissolution of praziquantel. // <i>Journal of pharmaceutical and biomedical analysis</i> . 189 (2020) ; 113494	3,935 (2020.)	3,563 (2020.)	CHEMISTRY, ANALYTICAL	Q2	3,009 (2020.)
				PHARMACOLOGY & PHARMACY	Q2	3,431 (2020.)

11.	Gilja, Vanja; Živković, Ivana; Klaser, Teodoro; Skoko, Željko; Kraljić Roković, Marijana; Hrnjak-Murgić, Zlata; Žic, Mark. The impact of in situ polymerization conditions on the structures and properties of pani/zno-based multiphase composite photocatalysts. // <i>Catalysts</i> . 10 (2020) , 4; 400, 15	4,146 (2020.)	4,399 (2020.)	CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
12.	Glasnović, Zvonimir; Margeta, Karmen; Zabukovec Logar, Nataša. Humanity can still stop climate change by implementing a new international climate agreement and applying radical new technology. // <i>Energies</i> . 13 (2020) , 24; 6703, 32	3,004 (2020.)	3,085 (2020.)	ENERGY & FUELS	Q3	3,934 (2020.)
13.	Gojun, Martin; Bačić, Matea; Ljubić, Anabela; Šalić, Anita; Zelić, Bruno. Transesterification in microreactors – overstepping obstacles and shifting towards biodiesel production on a microscale. // <i>Micromachines</i> . 11 (2020) , 5; 457, 14	2,891 (2020.)	2,943 (2020.)	CHEMISTRY, ANALYTICAL	Q3	3,009 (2020.)
				INSTRUMENTS & INSTRUMENTATION	Q2	2,093 (2020.)
				NANOSCIENCE & NANOTECHNOLOGY	Q3	4,703 (2020.)
				PHYSICS, APPLIED	Q2	2,506 (2020.)
14.	Grčić, Ivana; Gajović, Andreja; Plodinec, Milivoj; Šimunković, Kristina; Ivanković, Hrvoje; Willinger, Marc-Georg. Enhanced visible-light driven photocatalytic activity of Ag@TiO ₂ photocatalyst prepared in chitosan matrix. // <i>Catalysts</i> . 10 (2020) , 7; 763, 17	4,146 (2020.)	4,399 (2020.)	CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
15.	Grgičević, Ana; Fodor, Lajos; Barić, Danijela; Poje, Margareta; Marinić, Željko; Horváth, Ottó; Škorić, Irena. Synthesis, photochemistry and photophysics of new butadiene derivatives: Influence of the fluoro, dimethylamino and nitro substituents on the molecular structure and photoinduced behavior. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 400 (2020) ; 112690	4,291 (2020.)	3,854 (2020.)	CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
16.	Herceg, Srećko; Ujević Andrijić, Željka; Bolf, Nenad Support vector machine-based soft sensors in the isomerisation process. // <i>Chemical and biochemical engineering quarterly</i> . 34 (2020) , 4; 243-255	1,582 (2020.)	2,203 (2020.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	3,209 (2020.)
				ENGINEERING, CHEMICAL	Q3	2,908 (2020.)
17.	Holjevac Grgurić, Tamara; Mijović, Budimir; Zdraveva, Emilija; Govorčin Bajsić, Emi; Šlivac, Igor; Ujčić, Massimo; Dekaris, Iva; Tominac Trcin, Mirna; Vuković, Anamarija; Kuzmić, Sunčica; Ledić, Andrea; Čop, Maja Jelena; Logarušić Marijan. Electrospinning of PCL/CEFUROXIM® fibrous scaffolds on 3D printed collectors. // <i>Journal of the textile institute</i> . 111 (2020) , 9; 1288-1299	1,880 (2020.)	2,028 (2020.)	MATERIALS SCIENCE, TEXTILES	Q2	1,375 (2020.)
18.	Horak, Ema; Babić, Darko; Vianello, Robert; Perin, Nataša; Hranjec, Marijana; Murković Steinberg, Ivana. Photophysical properties and immobilisation of fluorescent pH responsive aminated benzimidazo[1,2-a]quinoline-6-carbonitriles. // <i>Spectrochimica acta Part A: Molecular and biomolecular spectroscopy</i> . 227 (2020) ; 117588, 15	4,098 (2020.)	3,464 (2020.)	SPECTROSCOPY	Q1	2,229 (2020.)

19.	Jakobek, Lidija; Matić, Petra; Kraljević, Šima; Ukić, Šime; Benšić, Mirta; Barron, Andrew. Adsorption between quercetin derivatives and β -glucan studied with a novel approach to modeling adsorption isotherms. // <i>Applied sciences-Basel</i> , 10 (2020), 5; 1637, 16	2,679 (2020.)	2,736 (2020.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,000 (2020.)
				ENGINEERING, MULTIDISCIPLINARY	Q2	2,174 (2020.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,328 (2020.)
				PHYSICS, APPLIED	Q2	2,506 (2020.)
20.	Juraić, Krunoslav; Plodinec, Milivoj; Kereković, Irena; Meljanac, Daniel; Mandić, Vilko; Gracin, Davor; Janicki, Vesna; Bernstorff, Sigrid; Čeh, Miran; Hodžić, Aden; Gajović, Andreja. Modelling of simultaneously obtained small and wide angle synchrotron-radiation scattering depth profiles of ordered titania nanotube thin films. // <i>Materials chemistry and physics</i> . 240 (2020); 122155, 9	4,094 (2020.)	3,538 (2020.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,328 (2020.)
21.	Katančić, Zvonimir; Chen, Wan-Ting; Waterhouse, Geoffrey I.N.; Kušić, Hrvoje; Lončarić Božić, Ana; Hrnjak-Murgić, Zlata; Travaš-Sejdić, Jadranka. Solar-active photocatalysts based on TiO ₂ and conductive polymer PEDOT for the removal of bisphenol A. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 396 (2020); 112546, 17	4,291 (2020.)	3,854 (2020.)	CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
22.	Kos, Jasna; Brmež, Mirjana; Markić, Marinko; Sipos, Laszlo. The mortality of nematodes in drinking water in the presence of ozone, chlorine dioxide, and chlorine. // <i>Ozone: science & engineering</i> , 42 (2020), 2; 120-127	2,562 (2020.)	2,179 (2020.)	ENGINEERING, ENVIRONMENTAL	Q3	3,732 (2020.)
				ENVIRONMENTAL SCIENCES	Q3	3,038 (2020.)
23.	Kovačić, Marin; Papac, Josipa; Kušić, Hrvoje; Karamanis, Panagiotis; Lončarić Božić, Ana. Degradation of polar and non-polar pharmaceutical pollutants in water by solar assisted photocatalysis using hydrothermal TiO ₂ -SnS ₂ . // <i>Chemical engineering journal</i> . 382 (2020); 122826, 13	13,273 (2020.)	11,529 (2020.)	ENGINEERING, CHEMICAL	Q1	2,908 (2020.)
				ENGINEERING, ENVIRONMENTAL	Q1	3,732 (2020.)
24.	Kovačić, Marin; Perović, Klara; Papac, Josipa; Tomić, Antonija; Matoh, Lev; Žener, Boštjan; Brodar, Tomislav; Capan, Ivana; Surca, Angelja K.; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Lončarić Božić, Ana. One-pot synthesis of sulfur-doped TiO ₂ /reduced graphene oxide composite (S-TiO ₂ /rGO) with improved photocatalytic activity for the removal of diclofenac from water. // <i>Materials</i> . 13 (2020), 7; 1621, 14	3,623 (2020.)	3,920 (2020.)	CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,328 (2020.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,728 (2020.)
				PHYSICS, APPLIED	Q2	2,506 (2020.)
				PHYSICS, CONDENSED MATTER	Q2	2,821 (2020.)
25.	Kučić Grgić, Dajana; Očelić Bulatović, Vesna; Cvetnić, Matija; Dujmić Vučinić, Željka; Vuković Domanovac, Marija; Markić, Marinko; Bolanča, Tomislav. Biodegradation kinetics of diuron by <i>Pseudomonas aeruginosa</i> FN and optimization of biodegradation using response surface methodology. // <i>Water and environment journal</i> . 34 (2020), S1; 61-73	2,070 (2020.)	1,990 (2020.)	ENVIRONMENTAL SCIENCES	Q3	3,038 (2020.)
				LIMNOLOGY	Q2	1,946 (2020.)
				WATER RESOURCES	Q3	2,692 (2020.)

26.	Kurajica, Livia; Ujević Bošnjak, Magdalena; Novak Stankov, Mirjana; Kinsela, Andrew Stephen; Štiglić, Jurica; Waite, Trevor David; Capak, Krunoslav. Disinfection by-products in Croatian drinking water supplies with special emphasis on the water supply network in the city of Zagreb. // <i>Journal of environmental management</i> . 276 (2020) ; 111360, 11	6,789 (2020.)	6,914 (2020.)	ENVIRONMENTAL SCIENCES	Q1	3,038 (2020.)
27.	Kurajica, Stanislav; Mandić, Vilko; Panžić, Ivana; Gaboardi, Mattia; Mužina, Katarina; Lozančić, Ana; Šipušić, Juraj; Munda, Ivana Katarina; Višić, Lucija; Lučić Blagojević, Sanja; Gigli, Lara; Plaisier, Jasper Rikkert. In-operando diffraction and spectroscopic evaluation of pure, Zr-, and Ce-doped vanadium dioxide thermochromic films derived via glycolate synthesis. // <i>Nanomaterials</i> . 10 (2020) , 12; 2537, 20	5,076 (2020.)	5,346 (2020.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,000 (2020.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,328 (2020.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,703 (2020.)
				PHYSICS, APPLIED	Q1	2,506 (2020.)
28.	Kurajica, Stanislav; Munda, Ivana Katarina; Brleković, Filip; Mužina, Katarina; Dražić, Goran; Šipušić, Juraj; Mihaljević, Monika. Manganese-doped ceria nanoparticles grain growth kinetics. // <i>Journal of solid state chemistry</i> . 291 (2020) ; 121600, 9	3,498 (2020.)	2,831 (2020.)	CHEMISTRY, INORGANIC & NUCLEAR	Q2	2,193 (2020.)
				CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
29.	Kurajica, Stanislav; Munda, Ivana Katarina; Dražić, Goran; Mandić, Vilko; Mužina, Katarina; Bauer, Leonard; Matijašić, Gordana. Manganese-doped, hydrothermally-derived ceria: The occurrence of birnessite and the distribution of manganese. // <i>Ceramics international</i> . 46 (2020) , 18, Part B; 29451-29458	4,527 (2020.)	4,049 (2020.)	MATERIALS SCIENCE, CERAMICS	Q1	1,683 (2020.)
30.	Kurajica, Stanislav; Mužina, Katarina; Dražić, Goran; Matijašić, Gordana; Duplančić, Marina; Mandić, Vilko; Župančić, Martina; Munda, Ivana Katarina. A comparative study of hydrothermally derived Mn, Fe, Co, Ni, Cu and Zn doped ceria nanocatalysts. // <i>Materials chemistry and physics</i> . 244 (2020) ; 122689, 9	4,094 (2020.)	3,538 (2020.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,328 (2020.)
31.	Lovinčić Milovanović, Vedrana; Guyon, Cédric; Grčić, Ivana; Tatoulian, Michael; Vrsaljko, Domagoj. Modification of surface hydrophobicity of PLA/PE and ABS/PE polymer blends by ICP etching and CF _x coating. // <i>Materials</i> . 13 (2020) , 23; 5578, 14	3,623 (2020.)	3,920 (2020.)	CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,328 (2020.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,728 (2020.)
				PHYSICS, APPLIED	Q2	2,506 (2020.)
				PHYSICS, CONDENSED MATTER	Q2	2,821 (2020.)
32.	Macan, Jelena; Brleković, Filip; Kralj, Suzana; Supina, Antonio; Gracin, Davor; Šantić, Ana; Gajović, Andreja. Soft chemistry synthesis of CaMnO ₃ powders and films. // <i>Ceramics international</i> . 46 (2020) , 11, Part A; 18200-18207	4,527 (2020.)	4,049 (2020.)	MATERIALS SCIENCE, CERAMICS	Q1	1,683 (2020.)

33.	Macan, Jelena; Dutour Sikirić, Maja; Deluca, Marco; Bermejo, Raul; Baudin, Carmen; Plodinec, Milivoj; Salamon, Krešimir; Čeh, Miran; Gajović, Andreja. Mechanical properties of zirconia ceramics biomimetically coated with calcium deficient hydroxyapatite. // <i>Journal of the mechanical behavior of biomedical materials</i> . 111 (2020) ; 104006, 12	3,902 (2020.)	4,289 (2020.)	ENGINEERING, BIOMEDICAL	Q2	3,164 (2020.)
				MATERIALS SCIENCE, BIOMATERIALS	Q3	3,922 (2020.)
34.	Mahović Poljaček, Sanja; Tomašegović, Tamara; Leskovic, Mirela; Jakovljević, Suzana. Neural network-based UV adjustment of the photopolymer surface for modification of coating properties printed in flexography. // <i>Journal of coatings technology and research</i> . 17 (2020) ; 271-284	2,382 (2020.)	2,383 (2020.)	CHEMISTRY, APPLIED	Q2	2,247 (2020.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q3	2,757 (2020.)
35.	Malinowski, Szymon; Presečki, Ivana; Jajčinović, Igor; Brnardić, Ivan; Mandić, Vilko; Grčić, Ivana. Intensification of dihydroxybenzenes degradation over immobilized TiO ₂ based photocatalysts under simulated solar light. // <i>Applied sciences-Basel</i> . 10 (2020) , 21; 7571, 17	2,679 (2020.)	2,736 (2020.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,000 (2020.)
				ENGINEERING, MULTIDISCIPLINARY	Q2	2,174 (2020.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,328 (2020.)
				PHYSICS, APPLIED	Q2	2,506 (2020.)
36.	Mandić, Vilko; Kurajica, Stanislav; Mužina, Katarina; Brleković, Filip; Munda, Ivana Katarina. Tailoring thermal development of gamma alumina sorbents material using combustion synthesis: the effect of amino acids (G, A, N) and equivalence ratio. // <i>Journal of thermal analysis and calorimetry</i> . 142 (2020) ; 1681-1691	4,626 (2020.)	3,458 (2020.)	CHEMISTRY, ANALYTICAL	Q1	3,009 (2020.)
				CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
				THERMODYNAMICS	Q1	2,372 (2020.)
37.	Mandić, Vilko; Kurajica, Stanislav; Očko, Tanja. Development of phases in the sol-gel derived mixed-metal-oxide (Al ₂ O ₃ -TiO ₂ -ZnO) functional sorbent material. // <i>Ceramics international</i> . 46 (2020) , 18; 29388-29401	4,527 (2020.)	4,049 (2020.)	MATERIALS SCIENCE, CERAMICS	Q1	1,683 (2020.)
38.	Mencaroni, Letizia; Carlotti, Benedetta; Cesaretti, Alessio; Elisei, Fausto; Grgičević, Ana; Škorić, Irena; Spalletti, Anna. Competition between fluorescence and triplet production ruled by nitro groups in one-arm and two-arm styrylbenzene heteroanalogues. // <i>Photochemical & photobiological sciences</i> . 19 (2020) ; 1665-1676	3,982 (2020.)	3,547 (2020.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,859 (2020.)
				BIOPHYSICS	Q2	2,954 (2020.)
				CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
39.	Meščić Macan, Andrijana; Perin, Nataša; Jakopec, Silvio; Mioč, Marija; Radić Stojković, Marijana; Kralj, Marijeta; Hranjec, Marijana; Raić-Malić, Silvana. Synthesis, antiproliferative activity and DNA/RNA-binding properties of mono- and bis-(1,2,3-triazolyl)-appended benzimidazo[1,2-a]quinoline derivatives. // <i>European journal of medicinal chemistry</i> . 185 (2020) ; 111845, 11	6,514 (2020.)	6,099 (2020.)	CHEMISTRY, MEDICINAL	Q1	3,466 (2020.)
40.	Mijović, Budimir; Zdraveva, Emilija; Govorčin Bajsić, Emi; Slivac, Igor; Dekaris, Iva; Holjevac Grgurić, Tamara; Zubin Ferri, Tea. Study of the properties and cells growth on antibacterial electrospun polycaprolactone/cefuroxime scaffolds. // <i>AUTEX research journal</i> . 20 (2020) , 3; 312-318	1,375 (2020.)	1,353 (2020.)	MATERIALS SCIENCE, TEXTILES	Q3	1,375 (2020.)

41.	Mitar, Anamarija; Prlić Kardum, Jasna. Intensification of mass transfer in the extraction process with a nanofluid prepared in a natural deep eutectic solvent. // <i>Chemical engineering & technology</i> . 43 (2020) , 11; 2286-2294	1,728 (2020.)	1,709 (2020.)	ENGINEERING, CHEMICAL	Q3	2,908 (2020.)
42.	Nikl, Hrvoje; Cvetnić, Matija; Bolanča, Tomislav; Rogošić, Marko. Interlaboratory comparative measurements of gas velocity and concentration of solid particles in the waste gas. // <i>Fresenius environmental bulletin</i> . 29 (2020) , 1; 289-298	0,489 (2020.)	0,479 (2020.)	ENVIRONMENTAL SCIENCES	Q4	3,038 (2020.)
43.	Nižić, Laura; Potaš, Joanna; Winnicka, Katarzyna; Szekalska, Marta; Erak, Iva; Gretić, Matija; Jug, Mario; Hafner, Anita. Development, characterisation and nasal deposition of melatonin-loaded pectin/hypromellose microspheres. // <i>European journal of pharmaceutical sciences</i> . 141 (2020) ; 105115	4,384 (2020.)	4,517 (2020.)	PHARMACOLOGY & PHARMACY	Q2	3,431 (2020.)
44.	Novak Jovanović, Ivana; Miličević, Ante; Jadreško, Dijana; Hranjec, Marijana. Electrochemical oxidation of synthetic amino-substituted benzamides with potential antioxidant activity. // <i>Journal of electroanalytical chemistry</i> . 870 (2020) ; 114244, 9	4,464 (2020.)	4,058 (2020.)	CHEMISTRY, ANALYTICAL	Q1	3,009 (2020.)
				ELECTROCHEMISTRY	Q2	3,398 (2020.)
45.	Nutrizio, Marinela; Gajdoš Kljusurić, Jasenka; Badanjak Sabolović, Marija; Bursać Kovačević, Danijela; Šupljika, Filip; Putnik, Predrag; Semenčić Čakić, Mojca; Dubrović, Igor; Vrsaljko, Domagoj; Maltar-Strmečki, Nadica; Režek Jambrak, Anet. Valorization of sage extracts (<i>Salvia officinalis</i> L.) obtained by high voltage electrical discharges: Process control and antioxidant properties. // <i>Innovative food science & emerging technologies</i> . 60 (2020) ; 102284, 33	5,916 (2020.)	6,159 (2020.)	FOOD SCIENCE & TECHNOLOGY	Q1	2,724 (2020.)
46.	Očelić Bulatović, Vesna; Jakić, Miće; Kučić Grgić, Dajana. Kinetic analysis of poly(ϵ -caprolactone)/poly(lactic acid) blends with low-cost natural thermoplastic starch. // <i>Acta chimica Slovenica</i> . 67 (2020) , 2; 651-665	1,735 (2020.)	1,449 (2020.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,000 (2020.)
47.	Pantalon Juraj, Natalija; Krklec, Marko; Novosel, Tiana; Perić, Berislav; Robert Vianello, Robert; Raić-Malić, Silvana; Kirin, Srećko I. Copper(II) and zinc(II) complexes of mono- and bis-1,2,3-triazole substituted heterocyclic ligands. // <i>Dalton transactions</i> . 49 (2020) ; 9002-9015	4,390 (2020.)	4,070 (2020.)	CHEMISTRY, INORGANIC & NUCLEAR	Q1	2,193 (2020.)
48.	Pavić, Luka; Krivačić, Sara; Moguš-Milanković, Andrea; Šantić, Ana. Low potassium mobility in iron pyrophosphate glasses. // <i>Journal of non-crystalline solids</i> . 535 (2020) ; 11969, 6	3,531 (2020.)	3,208 (2020.)	MATERIALS SCIENCE, CERAMICS	Q1	1,683 (2020.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,328 (2020.)

49.	Perin, Nataša; Rep, Valentina; Sović, Irena; Juričić, Štefica; Selgrad, Danijel; Klobučar, Marko; Pržulj, Nataša; Gupta, Chhedi Lal; Malod-Dognin, Noël; Kraljević Pavelić, Sandra; Hranjec, Marijana. Antiproliferative activity and mode of action analysis of novel amino and amido substituted phenantrene and naphtho[2, 1-b]thiophene derivatives. // <i>European journal of medicinal chemistry</i> . 185 (2020) ; 111833, 13	6,514 (2020.)	6,099 (2020.)	CHEMISTRY, MEDICINAL	Q1	3,466 (2020.)
50.	Perin, Nataša; Škulj, Sanja; Martin-Kleiner, Irena; Kralj, Marijeta; Hranjec, Marijana. Synthesis and antiproliferative activity of novel 2-substituted N-methylated benzimidazoles and tetracyclic benzimidazo[1,2-a]quinolines. // <i>Polycyclic aromatic compounds</i> . 40 (2020) , 2; 343-354	3,744 (2020.)	3,584 (2020.)	CHEMISTRY, ORGANIC	Q2	2,437 (2020.)
51.	Perković, Ivana; Raić-Malić, Silvana; Fontinha, Diana; Prudêncio, Miguel; Pessanha de Carvalho, Lais; Held, Jana; Tandarić, Tana; Vianello, Robert; Zorc, Branka; Rajić, Zrinka. Harmicines – harmine and cinnamic acid hybrids as novel antiplasmodial hits. // <i>European journal of medicinal chemistry</i> . 187 (2020) ; 111927, 16	6,514 (2020.)	6,099 (2020.)	CHEMISTRY, MEDICINAL	Q1	3,466 (2020.)
52.	Perović, Klara; dela Rosa, Francis M.; Kovačić, Marin; Kušić, Hrvoje; Lavrenčić Štangar, Urška; Fresno, Fernando; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Recent achievements in development of TiO ₂ -based composite photocatalytic materials for solar driven water purification and water splitting. // <i>Materials</i> . 13 (2020) , 6; 1338, 44	3,623 (2020.)	3,920 (2020.)	CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,328 (2020.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,728 (2020.)
				PHYSICS, APPLIED	Q2	2,506 (2020.)
				PHYSICS, CONDENSED MATTER	Q2	2,821 (2020.)
53.	Petračić, Ana; Sander, Aleksandra; Cvetnić, Matija. A novel approach for the removal of trace elements from waste fats and oils. // <i>Separation science and technology</i> . 55 (2020) , 18; 3487-3501	2,475 (2020.)	2,077 (2020.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,000 (2020.)
				ENGINEERING, CHEMICAL	Q3	2,908 (2020.)
54.	Petrović, Željka; Šarić, Ankica; Despotović, Ines; Katić, Jozefina; Peter, Robert; Petravić, Mladen; Petković, Marin. A new insight into coating's formation mechanism between TiO ₂ and alendronate on titanium dental implant. // <i>Materials</i> . 13 (2020) , 14; 3220, 16	3,623 (2020.)	3,920 (2020.)	CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,328 (2020.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,728 (2020.)
				PHYSICS, APPLIED	Q2	2,506 (2020.)
				PHYSICS, CONDENSED MATTER	Q2	2,821 (2020.)

55.	Ptiček Siročić, Anita; Kurajica, Stanislav; Dogančić, Dragana; Fišter, Nikolina Soils and sediments of Prošće Lake catchment as a possible terrigenous input in the lakes system. // <i>Acta carsologica</i> . 49 (2020) , 1; 125-140	0,844 (2020.)	1,381 (2020.)	GEOSCIENCES, MULTIDISCIPLINARY	Q4	2,720 (2020.)
56.	Ptiček Siročić, Anita; Rešček, Ana; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Effect of modifiers; casein, zeolite and magnetite on the properties of bilayer polyethylene/polycaprolactone films. // <i>Journal of adhesion science and technology</i> . 34 (2020) , 23; 2537-2550	2,077 (2020.)	1,969 (2020.)	ENGINEERING, CHEMICAL	Q3	2,908 (2020.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,328 (2020.)
				MECHANICS	Q3	2,358 (2020.)
57.	Racar, Marko; Dolar, Davor; Karadakić, Klara; Čavarović, Nina; Glumac, Nada; Ašperger, Danijela; Košutić, Krešimir. Challenges of municipal wastewater reclamation for irrigation by MBR and NF/RO: physico-chemical and microbiological parameters, and emerging contaminants. // <i>Science of the total environment</i> . 722 (2020) , 137959; 8	7,963 (2020.)	7,842 (2020.)	ENVIRONMENTAL SCIENCES	Q1	3,038 (2020.)
58.	Racar, Marko; Faraguna, Fabio; Glasovac, Zoran; Jukić, Ante. Experimental modeling and optimization of biodiesel production from waste cooking oil and ethanol using N,N',N''-tris(3-dimethylaminopropyl)-guanidine as catalyst. // <i>Renewable energy</i> . 146 (2020) ; 2374-2379	8,001 (2020.)	7,435 (2020.)	ENERGY & FUELS	Q1	3,934 (2020.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	4,752 (2020.)
59.	Racar, Marko; Obajdin, Klaudija; Dolar, Davor; Košutić, Krešimir. Pretreatment for the reclamation of rendering plant secondary effluent with NF/RO: UF flat sheet versus UF hollow fiber membranes. // <i>Clean technologies and environmental policy</i> . 22 (2020) ; 399-408	3,636 (2020.)	3,314 (2020.)	ENGINEERING, ENVIRONMENTAL	Q3	3,732 (2020.)
				ENVIRONMENTAL SCIENCES	Q2	3,038 (2020.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	4,752 (2020.)
60.	Ratković, Ana; Pavlović, Kristina; Barić, Danijela; Marinić, Željko; Grgičević, Ivan; Škorić, Irena. Modeling and synthesis of novel oxime derivatives as potential cholinesterase inhibitors. // <i>Journal of molecular structure</i> . 1200 (2020) ; 127149	3,196 (2020.)	2,618 (2020.)	CHEMISTRY, PHYSICAL	Q3	3,399 (2020.)
61.	Reif, Daniela; Saracevic, Ernis; Šabić Runjavec, Monika; Haslinger, Julia; Schaar, Heidemarie; Kreuzinger, Norbert. Desorption of organic micropollutants from loaded granular activated carbon. // <i>Water</i> . 12 (2020) ; 2754, 20	3,103 (2020.)	3,229 (2020.)	ENVIRONMENTAL SCIENCES	Q2	3,038 (2020.)
				WATER RESOURCES	Q2	2,692 (2020.)
62.	Rep, Valentina; Piškor, Martina; Šimek, Helena; Mišetić, Petra; Grbčić, Petra; Padovan, Jasna; Gabelica Marković, Vesna; Jadreško, Dijana; Pavelić, Krešimir; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Purine and purine isostere derivatives of ferrocene: An evaluation of ADME, antitumor and electrochemical properties. // <i>Molecules</i> . 25 (2020) , 7; 1570, 24	4,411 (2020.)	4,587 (2020.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,859 (2020.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,000 (2020.)

63.	Ressler, Antonia; Cvetnić, Matija; Antunović, Maja; Marijanović, Inga; Ivanković, Marica; Ivanković, Hrvoje. Strontium substituted biomimetic calcium phosphate system derived from cuttlefish bone. // <i>Journal of biomedical materials research Part B: Applied biomaterials</i> . 108 (2020) ; 1697-1709	3,368 (2020.)	3,402 (2020.)	ENGINEERING, BIOMEDICAL	Q2	3,164 (2020.)
				MATERIALS SCIENCE, BIOMATERIALS	Q3	3,922 (2020.)
64.	Ressler, Antonia; Gudelj, Ana; Zadro, Karla; Antunović, Maja; Cvetnić, Matija; Ivanković, Marica; Ivanković, Hrvoje. From bio-waste to bone substitute: synthesis of biomimetic hydroxyapatite and its use in chitosan-based composite scaffold preparation. // <i>Chemical and biochemical engineering quarterly</i> . 34 (2020) , 2; 59-71	1,582 (2020.)	2,203 (2020.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	3,209 (2020.)
				ENGINEERING, CHEMICAL	Q3	2,908 (2020.)
65.	Rogina, Anamarija; Košić, Ivona; Antunović, Maja; Ivanković, Marica; Ivanković, Hrvoje. The bioactivity of titanium-cuttlefish bone-derived hydroxyapatite composites sintered at low temperature. // <i>Powder metallurgy</i> . 63 (2020) , 4; 300-310	1,911 (2020.)	1,789 (2020.)	METALLURGY & METALLURGICAL ENGINEERING	Q2	1,728 (2020.)
66.	Rogina-Car, Beti; Rogina, Josip; Govorčin Bajsić, Emi; Budimir, Ana. Propolis – Eco-friendly natural antibacterial finish for nonwoven fabrics for medical application. // <i>Journal of industrial textiles</i> . 49 (2020) , 8; 1100-1119	3,721 (2020.)	3,006 (2020.)	MATERIALS SCIENCE, TEXTILES	Q1	1,375 (2020.)
67.	Rogošić, Marko; Zagajski Kučan, Kristina. Deep eutectic solvent based on choline chloride and propylene glycol as a potential medium for extraction denitrification of hydrocarbon fuels. // <i>Chemical engineering research & design</i> . 161 (2020) ; 45-57	3,739 (2020.)	3,805 (2020.)	ENGINEERING, CHEMICAL	Q2	2,908 (2020.)
68.	Sander, Aleksandra; Petračić, Ana; Parlov Vuković, Jelena; Husinec, Lana. From coffee to biodiesel—deep eutectic solvents for feedstock and biodiesel purification. // <i>Separations</i> . 7 (2020) , 2; 22, 18	2,777 (2020.)	-	CHEMISTRY, ANALYTICAL	Q3	3,009 (2020.)
69.	Sedić, Krunoslav; Ukrainczyk, Neven; Mandić, Vilko; Gaurina-Medimurec, Nediljka; Šipušić, Juraj. Carbonation of Portland-Zeolite and geopolymer well-cement composites under geologic CO ₂ sequestration conditions. // <i>Cement & concrete composites</i> . 111 (2020) ; 103615	7,586 (2020.)	8,642 (2020.)	CONSTRUCTION & BUILDING TECHNOLOGY	Q1	2,617 (2020.)
				MATERIALS SCIENCE, COMPOSITES	Q1	3,250 (2020.)
70.	Sigurnjak, Marija; Ukić, Šime; Cvetnić, Matija; Markić, Marinko; Novak Stankov, Mirjana; Rasulev, Bakhtiyor; Kušić, Hrvoje; Lončarić Božić, Ana; Rogošić, Marko; Bolanča, Tomislav. Combined toxicities of binary mixtures of alachlor, chlorfenvinphos, diuron and isoproturon. // <i>Chemosphere</i> , 240 (2020) ; 124973, 11	7,086 (2020.)	6,956 (2020.)	ENVIRONMENTAL SCIENCES	Q1	3,038 (2020.)
71.	Sokač, Tea; Gojun, Martin; Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Purification of biodiesel produced by lipase catalysed transesterification by ultrafiltration: Selection of membranes and analysis of membrane blocking mechanisms. // <i>Renewable energy</i> . 159 (2020) ; 642-651	8,001 (2020.)	7,435 (2020.)	ENERGY & FUELS	Q1	3,934 (2020.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	4,752 (2020.)

72.	Szabó-Bárdos, Erzsébet; Cafuta, Andrea; Hegedűs, Péter; Fónagy, Orsolya; Kiss, Gyula; Babić, Sandra; Škorić, Irena; Horváth, Ottó. Photolytic and photocatalytic degradation of nitrofurantoin and its photohydrolytic products. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 386 (2020) ; 112093	4,291 (2020.)	3,854 (2020.)	CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
73.	Šagud, Ivana; Maček Hrvat, Nikolina; Grgičević, Ana; Čadež, Tena; Hodak, Josipa; Dragojević, Milena; Lasić, Kornelija; Kovarik, Zrinka; Škorić, Irena. Design, synthesis and cholinesterase inhibitory properties of new oxazole benzylamine derivatives. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 35 (2020) ; 460-467	5,051 (2020.)	4,598 (2020.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,859 (2020.)
				CHEMISTRY, MEDICINAL	Q1	3,466 (2020.)
74.	Šalić, Anita; Jurinjak Tušek, Ana; Gojun, Martin; Zelić, Bruno. Biodiesel purification in microextractors: choline chloride based deep eutectic solvents vs water. // <i>Separation and purification technology</i> . 242 (2020) ; 116783, 9	7,312 (2020.)	6,656 (2020.)	ENGINEERING, CHEMICAL	Q1	2,908 (2020.)
75.	Šibalić, Darijo; Šalić, Anita; Jurinjak Tušek, Ana; Sokač, Tea; Brekalo, Klara; Zelić, Bruno; Nam Tran, Nghiep; Hessel, Volker; Tišma, Marina. Sustainable production of lipase from <i>Thermomyces lanuginosus</i> : process optimization and enzyme characterization. // <i>Industrial & engineering chemistry research</i> . 59 (2020) , 48; 21144-21154	3,720 (2020.)	3,990 (2020.)	ENGINEERING, CHEMICAL	Q2	2,908 (2020.)
76.	Šibalić, Darijo; Šalić, Anita; Zelić, Bruno; Tran, Nghiep Nam; Hessel, Volker; Tišma, Marina. A new spectrophotometric assay for measuring the hydrolytic activity of lipase from <i>Thermomyces lanuginosus</i> : a kinetic modeling. // <i>ACS Sustainable chemistry & engineering</i> . 8 (2020) , 12; 4818-4826	8,198 (2020.)	8,471 (2020.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	3,000 (2020.)
				ENGINEERING, CHEMICAL	Q1	2,908 (2020.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	4,752 (2020.)
77.	Švagelj, Zrinka; Mandić, Vilko; Ćurković, Lidija; Biošić, Martina; Žmak, Irena; Gaborardi, Mattia. Titania-coated alumina foam photocatalyst for memantine degradation derived by replica method and sol-gel reaction. // <i>Materials</i> . 13 (2020) , 1; 227, 17	3,623 (2020.)	3,920 (2020.)	CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,328 (2020.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,728 (2020.)
				PHYSICS, APPLIED	Q2	2,506 (2020.)
				PHYSICS, CONDENSED MATTER	Q2	2,821 (2020.)
78.	Švarc, Anera; Findrik Blažević, Zvezdana; Vasić-Rački, Đurđa; Charnock, Simon J.; Vrsalović Presečki, Ana. A multi-enzyme strategy for the production of a highly valuable lactonized statin side-chain precursor. // <i>Chemical engineering research & design</i> . 164 (2020) ; 35-45	3,739 (2020.)	3,805 (2020.)	ENGINEERING, CHEMICAL	Q2	2,908 (2020.)

79.	Tišma, Marina; Šalić, Anita; Planinić, Mirela; Zelić, Bruno; Potočnik, Martin; Šelo, Gordana; Bucić-Kojić, Ana. Production, characterisation and immobilization of laccase for an efficient aniline-based dye decolourization. // <i>Journal of water process engineering</i> . 36 (2020) ; 101327, 9	5,485 (2020.)	5,491 (2020.)	ENGINEERING, CHEMICAL	Q1	2,908 (2020.)
				ENGINEERING, ENVIRONMENTAL	Q2	3,732 (2020.)
				WATER RESOURCES	Q1	2,692 (2020.)
80.	Tominac Trcin, Mirna; Zdraveva, Emilija; Dolenec, Tamara; Vrgoč Zimić, Ivana; Bujić Mihica, Marina; Batarilo, Ivanka; Dekaris, Iva; Blažević, Valentina; Slivac, Igor; Holjevac Grgurić, Tamara; Govorčin Bajsić, Emi; Markov, Ksenija; Čanak, Iva; Kuzmić, Sunčica; Tarbuk, Anita; Tomljenović, Antoneta; Mrkonjić, Nikolina; Mijović, Budimir. Poly(ϵ -caprolactone) titanium dioxide and cefuroxime antimicrobial scaffolds for cultivation of human limbal stem cells. // <i>Polymers</i> . 12 (2020) , 8; 1758, 26	4,329 (2020.)	4,493 (2020.)	POLYMER SCIENCE	Q1	2,594 (2020.)
81.	Vrsalović, Mislav; Vrsalović Presečki, Ana; Aboyans, Victor. N-terminal pro-brain natriuretic peptide and short-term mortality in acute aortic dissection: A meta-analysis. // <i>Clinical cardiology</i> . 43 (2020) , 11; 1255-1259	2,882 (2020.)	2,880 (2020.)	CARDIAC & CARDIOVASCULAR SYSTEMS	Q3	3,064 (2020.)
82.	Vuk, Dragana; Škorić, Irena; Milašinović, Valentina; Molčanov, Krešimir; Marinić, Željko. A simple and easy to perform synthetic route to functionalized thienyl bicyclo[3.2.1]octadienes. // <i>Beilstein journal of organic chemistry</i> . 16 (2020) ; 1092-1099	2,883 (2020.)	2,785 (2020.)	CHEMISTRY, ORGANIC	Q2	2,437 (2020.)
83.	Xu, Ru-Meng; Yang, Tian-Tian; Vidović, Elvira; Jia, Ruo-Nan; Zhang, Jin-Ming; Mi, Qin-Yong; Zhang, Jun. Cellulose acetate thermoplastics with high modulus, dimensional stability and anti-migration properties by using CA-g-PLA as macromolecular plasticizer. // <i>Chinese journal of polymer science</i> . 38 (2020) , 10; 1141-1148	3,603 (2020.)	2,590 (2020.)	POLYMER SCIENCE	Q2	2,594 (2020.)
84.	Zečević, Nenad; Bolf, Nenad. Advanced operation of the steam methane reformer by using gain-scheduled model predictive control. // <i>Industrial engineering and chemistry research</i> , 59 (2020) , 8; 3458-3474	3,720 (2020.)	3,990 (2020.)	ENGINEERING, CHEMICAL	Q2	2,908 (2020.)
85.	Zečević, Nenad; Bolf, Nenad. Integrated method of monitoring and optimization of steam methane reformer process. // <i>Processes</i> . 8 (2020) , 4; 408, 19	2,847 (2020.)	2,824 (2020.)	ENGINEERING, CHEMICAL	Q3	2,908 (2020.)
86.	Zorbaz, Tamara; Mišetić, Petra; Probst, Nicolas; Žunec, Suzana; Zandona, Antonio; Mendaš, Gordana; Micek, Vedran; Maček Hrvat, Nikolina; Katalinić, Maja; Braiki, Anissa; Ludovic, Jean; Renard, Pierre-Yves; Gabelica Marković, Vesna; Kovarik, Zrinka. Pharmacokinetic evaluation of brain penetrating morpholine-3-hydroxy-2-pyridine oxime as an antidote for nerve agent poisoning. // <i>ACS Chemical neuroscience</i> , 11 (2020) , 7; 1072-1084	4,418 (2020.)	4,744 (2020.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,859 (2020.)
				CHEMISTRY, MEDICINAL	Q2	3,466 (2020.)
				NEUROSCIENCES	Q2	3,627 (2020.)

87.	Zrinski, Ivana; Pungjunun, Kingkan; Martinez, Sanja; Zavašnik, Janez; Stanković, Dalibor; Kalcher, Kurt; Mehmeti, Eda. Evaluation of phenolic antioxidant capacity in beverages based on laccase immobilized on screen-printed carbon electrode modified with graphene nanoplatelets and gold nanoparticles. // <i>Microchemical journal</i> , 152 (2020) ; 104282, 8	4,821 (2020.)	4,364 (2020.)	CHEMISTRY, ANALYTICAL	Q1	3,009 (2020.)
88.	Žmak, Irena; Ćorić, Danko; Mandić, Vilko; Ćurković, Lidija. Hardness and indentation fracture toughness of slip cast alumina and alumina-zirconia ceramics. // <i>Materials</i> . 13 (2020) , 1; 122, 17	3,623 (2020.)	3,920 (2020.)	CHEMISTRY, PHYSICAL	Q2	3,399 (2020.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,328 (2020.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,728 (2020.)
				PHYSICS, APPLIED	Q2	2,506 (2020.)
				PHYSICS, CONDENSED MATTER	Q2	2,821 (2020.)

WoSCC – 2021.

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.	Babić, Kristina; Tomašić, Vesna; Gilja, Vanja; Le Cunff, Jerome; Gomzi, Vjeran; Pintar, Albin; Žerjav, Gregor; Kurajica, Stanislav; Duplančić, Marina; Zelić, Ivana Elizabeta; Vukušić Pavičić, Tomislava; Grčić, Ivana. Photocatalytic degradation of imidacloprid in the flat-plate photoreactor under UVA and simulated solar irradiance conditions—The influence of operating conditions, kinetics and degradation pathway. // <i>Journal of environmental chemical engineering</i> . 9 (2021) , 4; 105611, 14	7,968 (2021.)	7,317 (2021.)	ENGINEERING, CHEMICAL	Q1	3,289 (2021.)
				ENGINEERING, ENVIRONMENTAL	Q2	4,427 (2021.)
2.	Bačić, Matea; Ljubić, Anabela; Gojun, Martin; Šalić, Anita; Jurinjak Tušek, Ana; Zelić, Bruno. Continuous integrated process of biodiesel production and purification—the end of the conventional two-stage batch process? // <i>Energies</i> . 14 (2021) , 2; 403, 17	3,252 (2021.)	3,333 (2021.)	ENERGY & FUELS	Q3	4,863 (2021.)
3.	Batelić Jakov; Špada Vedrana; Liverić Lovro; Martinez Sanja. Investigation of pipeline failure in a thermalpower plant's process waste water distribution system. // <i>Materiali in tehnologije</i> . 55 (2021) , 1; 135-140	0,650 (2021.)	0,749 (2021.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	3,786 (2021.)
				METALLURGY & METALLURGICAL ENGINEERING	Q4	1,864 (2021.)
4.	Bauer, Leonard; Antunović, Maja; Gallego-Ferrer, Gloria; Ivanković, Marica; Ivanković, Hrvoje. PCL-coated multi-substituted calcium phosphate bone scaffolds with enhanced properties. // <i>Materials</i> . 14 (2021) , 16; 4403, 19	3,748 (2021.)	4,042 (2021.)	CHEMISTRY, PHYSICAL	Q3	3,841 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,864 (2021.)

				PHYSICS, APPLIED	Q2	2,748 (2021.)
				PHYSICS, CONDENSED MATTER	Q2	3,097 (2021.)
5.	Bauer, Leonard; Antunović, Maja; Rogina, Anamarija; Ivanković, Marica; Ivanković, Hrvoje. Bone-mimetic porous hydroxyapatite/whitlockite scaffolds: preparation, characterization and interactions with human mesenchymal stem cells. // <i>Journal of materials science</i> . 56 (2021) , 5; 3947-3969	4,682 (2021.)	4,128 (2021.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,786 (2021.)
6.	Beč, Anja; Hok, Lucija; Persoons, Leentje; Vanstreels, Els; Daelemans, Dirk; Vianello, Robert; Hranjec, Marijana. Synthesis, computational analysis, and antiproliferative activity of novel benzimidazole acrylonitriles as tubulin polymerization inhibitors: Part 2. // <i>Pharmaceuticals</i> . 14 (2021), 10; 1052, 26	5,215 (2021.)	5,711 (2021.)	CHEMISTRY, MEDICINAL	Q2	3,727 (2021.)
				PHARMACOLOGY & PHARMACY	Q1	3,580 (2021.)
7.	Begović Kovač, Erna. Finding the closest normal structured matrix. // <i>Linear algebra and its applications</i> . 617 (2021) ; 49-77	1,307 (2021.)	1,350 (2021.)	MATHEMATICS	Q2	0,967 (2021.)
				MATHEMATICS, APPLIED	Q3	1,368 (2021.)
8.	Begović Kovač, Erna; Fassbender, Heike; Saltenberger, Philip. On normal and structured matrices under unitary structure-preserving transformations. // <i>Linear algebra and its applications</i> . 608 (2021) ; 322-342	1,307 (2021.)	1,350 (2021.)	MATHEMATICS	Q2	0,967 (2021.)
				MATHEMATICS, APPLIED	Q3	1,368 (2021.)
9.	Bertagna Silva, Danilo; Buttiglieri, Gianluigi; Babić, Sandra. State-of-the-art and current challenges for TiO ₂ /UV-LED photocatalytic degradation of emerging organic micropollutants. // <i>Environmental science and pollution research</i> . 28 (2021) , 1; 103-120	5,190 (2021.)	5,053 (2021.)	ENVIRONMENTAL SCIENCES	Q2	3,692 (2021.)
10.	Bertagna Silva, Danilo; Buttiglieri, Gianluigi; Babić, Tomislav; Ćurković, Lidija; Babić, Sandra. Impact of UV-LED photoreactor design on the degradation of contaminants of emerging concern. // <i>Process safety and environmental protection</i> . 153 (2021) ; 94-106	7,926 (2021.)	7,717 (2021.)	ENGINEERING, CHEMICAL	Q1	3,289 (2021.)
				ENGINEERING, ENVIRONMENTAL	Q1	4,427 (2021.)
11.	Biošić, Martina; Dabić, Dario; Škorić, Irena; Babić, Sandra. Effects of environmental factors on nitrofurantoin photolysis in water and its acute toxicity assessment. // <i>Environmental science-processes & impacts</i> . 23 (2021) , 9; 1385-1393	5,334 (2021.)	5,108 (2021.)	CHEMISTRY, ANALYTICAL	Q1	3,191 (2021.)
				ENVIRONMENTAL SCIENCES	Q2	3,692 (2021.)
12.	Bistrović Popov, Andrea; Vianello, Robert; Grbčić, Petra; Sedić, Mirela; Pavelić Kraljević, Sandra; Pavelić, Krešimir; Raić-Malić, Silvana. Novel bis- and mono-pyrrolo[2,3-d] pyrimidine and purine derivatives: Synthesis, computational analysis and antiproliferative evaluation. // <i>Molecules</i> . 26 (2021) , 11; 3334, 26	4,927 (2021.)	5,110 (2021.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	4,228 (2021.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,361 (2021.)

13.	Boček, Ida; Starčević, Kristina; Novak Jovanović, Ivana; Vianello, Robert; Hranjec, Marijana. Novel imidazo[4,5-b]pyridine derived acrylonitriles: A combined experimental and computational study of their antioxidative potential. // <i>Journal of molecular liquids</i> . 342 (2021) , 117527, 14	6,633 (2021.)	6,132 (2021.)	CHEMISTRY, PHYSICAL	Q2	3,841 (2021.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q1	2,726 (2021.)
14.	Bosch, Sandra; Sanchez-Freire, Esther; del Pozo, María Luisa; Česnik, Morana; Quesada, Jaime; Mate, Diana M.; Hernández, Karel; Qi, Yuyin; Clapés, Pere; Vasić-Rački, Đurđa; Findrik Blažević, Zvezdana; Berenguer, José; Hidalgo, Aurelio. Thermostability engineering of a class II pyruvate aldolase from <i>Escherichia coli</i> by in vivo folding interference. // <i>ACS sustainable chemistry & engineering</i> . 9 (2021) , 15; 5430-5436	9,224 (2021.)	9,458 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	3,361 (2021.)
				ENGINEERING, CHEMICAL	Q1	3,289 (2021.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	5,655 (2021.)
15.	Briševac, Zlatko; Pollak, Davor; Maričić, Ana; Vlahek, Andreja. Modulus of elasticity for grain-supported carbonates—determination and estimation for preliminary engineering purposes. // <i>Applied sciences (Basel)</i> . 11 (2021) , 13; 6148, 18	2,838 (2021.)	2,921 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,361 (2021.)
				ENGINEERING, MULTIDISCIPLINARY	Q2	2,342 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				PHYSICS, APPLIED	Q2	2,748 (2021.)
16.	Brusač, Edvin; Jeličić, Mario-Livio; Cvetnić, Matija; Amidžić Klarić, Daniela; Nigović, Biljana; Mornar, Ana. A comprehensive approach to compatibility testing using chromatographic, thermal and spectroscopic techniques: evaluation of potential for a monolayer fixed-dose combination of 6-mercaptopurine and folic acid. // <i>Pharmaceuticals</i> . 14 (2021) , 3; 274, 16	5,215 (2021.)	5,711 (2021.)	CHEMISTRY, MEDICINAL	Q2	3,727 (2021.)
				PHARMACOLOGY & PHARMACY	Q1	3,580 (2021.)
17.	Buhin Šturlić, Zrinka; Leskovac, Mirela; Lučić Blagojević, Sanja. Influence of silica surface modification on poly (butyl acrylate-co-methyl methacrylate)/silica emulsion stability. // <i>International journal of surface science and engineering</i> . 15 (2021) , 4; 307-321	0,944 (2021.)	0,957 (2021.)	ENGINEERING, MECHANICAL	Q4	2,523 (2021.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q4	3,234 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	3,786 (2021.)
				PHYSICS, APPLIED	Q4	2,748 (2021.)
18.	Česnik Katulić, Morana; Sudar, Martina; Hernández, Karel; Qi, Yuyin; Charnock, Simon J.; Vasić-Rački, Đurđica; Clapés, Pere; Findrik Blažević, Zvezdana. Cascade synthesis of L-homoserine catalyzed by lyophilized whole cells containing transaminase and aldolase activities: The mathematical modeling approach. // <i>Industrial & engineering chemistry research</i> . 60 (2021) , 38; 13846-13858	4,326 (2021.)	4,367 (2021.)	ENGINEERING, CHEMICAL	Q2	3,289 (2021.)
19.	Čižmar, Tihana; Panžić, Ivana; Capan, Ivana; Gajović, Andreja. Nanostructured TiO ₂ photocatalyst modified with Cu for improved imidacloprid degradation. // <i>Applied surface science</i> . 569 (2021) ; 151026, 10	7,392 (2021.)	6,596 (2021.)	CHEMISTRY, PHYSICAL	Q2	3,841 (2021.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	3,234 (2021.)
				PHYSICS, APPLIED	Q1	2,748 (2021.)
				PHYSICS, CONDENSED MATTER	Q1	3,097 (2021.)

20.	Ćurić, Iva; Dolar, Davor; Bošnjak, Jelena. Reuse of textile wastewater for dyeing cotton knitted fabric with hybrid treatment: Coagulation/sand filtration/UF/NF-RO. // <i>Journal of environmental management</i> . 295 (2021) ; 113133, 8	8,910 (2021.)	8,549 (2021.)	ENVIRONMENTAL SCIENCES	Q1	3,692 (2021.)
21.	Ćurić, Iva; Dolar, Davor; Karadakić, Klara. Textile wastewater reusability in knitted fabric washing processes using UF membrane technology. // <i>Journal of cleaner production</i> . 299 (2021) ; 126899, 10	11,072 (2021.)	11,016 (2021.)	ENGINEERING, ENVIRONMENTAL	Q1	4,427 (2021.)
				ENVIRONMENTAL SCIENCES	Q1	3,692 (2021.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	5,655 (2021.)
22.	Ćurković, Lidija; Otmačić Ćurković, Helena; Žmak, Irena; Kerolli Mustafa, Mihone; Gabelica, Ivana. Corrosion behavior of amorphous sol-gel TiO ₂ -ZrO ₂ nano thickness film on stainless steel. // <i>Coatings</i> . 11 (2021) , 8; 988, 14	3,236 (2021.)	3,312 (2021.)	MATERIALS SCIENCE, COATINGS & FILMS	Q2	3,234 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				PHYSICS, APPLIED	Q2	2,748 (2021.)
23.	dela Rosa, Francis M.; Papac, Josipa; García-Ballesteros, Sara; Kovačić, Marin; Katančić, Zvonimir; Kušić, Hrvoje; Lončarić Božić, Ana. Solar light activation of persulfate by TiO ₂ /Fe ₂ O ₃ layered composite films for degradation of amoxicillin: degradation mechanism, matrix effects, and toxicity assessments. // <i>Advanced sustainable systems</i> . 5 (2021) , 11; 2100119, 14	6,737 (2021.)	6,627 (2021.)	GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q2	5,655 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,786 (2021.)
24.	Djaković, Senka; Glavaš-Obrovac, Ljubica; Lapić, Jasmina; Maračić, Silvija; Kirchofer, Juraj; Knežević, Marija; Jukić, Marijana; Raić-Malić, Silvana. Synthesis and biological evaluations of mono- and bis-ferrocene uracil derivatives. // <i>Applied organometallic chemistry</i> . 35 (2021) , 1; e6052, 16	4,072 (2021.)	3,796 (2021.)	CHEMISTRY, APPLIED	Q2	2,512 (2021.)
				CHEMISTRY, INORGANIC & NUCLEAR	Q1	2,448 (2021.)
25.	Djaković, Senka; Maračić, Silvija; Lapić, Jasmina; Kovalski, Eduard, Hildebrandt, Alexander; Lang, Heinrich; Vrček, Valerije; Raić-Malić, Silvana; Cetina, Mario. Triazole-tethered ferrocene-quinoline conjugates: solid-state structure analysis, electrochemistry and theoretical calculations. // <i>Structural chemistry</i> . 32 (2021) , 6; 2291-2301	1,795 (2021.)	1,477 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,361 (2021.)
				CHEMISTRY, PHYSICAL	Q4	3,841 (2021.)
				CRYSTALLOGRAPHY	Q3	2,358 (2021.)
26.	Dokli, Irena; Milčić, Nevena; Marin, Petra; Svetec Miklenić, Marina; Sudar, Martina; Tang, Lixia; Findrik Blažević, Zvezdana; Majerić Elenkov, Maja. Halohydrin dehalogenase-catalysed synthesis of fluorinated aromatic chiral building blocks. // <i>Catalysis communications</i> . 152 (2021) ; 106285, 5	3,510 (2021.)	3,501 (2021.)	CHEMISTRY, PHYSICAL	Q2	3,841 (2021.)
27.	Duplančić, Marina; Gomzi, Vjeran; Pintar, Albin; Kurajica, Stanislav; Tomašić, Vesna. Experimental and theoretical (ReaxFF) study of manganese-based catalysts for low-temperature toluene oxidation. // <i>Ceramics international</i> . 47 (2021) , 3; 3108-3121	5,532 (2021.)	4,683 (2021.)	MATERIALS SCIENCE, CERAMICS	Q1	1,814 (2021.)

28.	El Assimi, Taha; Blažic, Roko; Raihane, Mustapha; El Meziane, Abdellatif; Baouab, Mohamed Hassen V.; Khouloud, Mehdi; Beniazza, Redouane; Kricheldorf, Hans; Lahcini, Mohammed. Polylactide/cellulose acetate biocomposites as potential coating membranes for controlled and slow nutrients release from water-soluble fertilizers. // <i>Progress in organic coatings</i> . 156 (2021) ; 106255, 10	6,206 (2021.)	5,470 (2021.)	CHEMISTRY, APPLIED	Q1	2,512 (2021.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	3,234 (2021.)
29.	Findrik Blažević, Zvezdana; Milčić, Nevena; Sudar, Martina; Majerić Elenkov, Maja. Halohydrin dehalogenases and their potential in industrial application – a viewpoint of enzyme reaction engineering. // <i>Advanced synthesis & catalysis</i> . 363 (2021) , 2; 388-410	5,981 (2021.)	5,302 (2021.)	CHEMISTRY, APPLIED	Q1	2,512 (2021.)
				CHEMISTRY, ORGANIC	Q1	2,226 (2021.)
30.	Gabelica, Ivana; Ćurković, Lidija; Mandić, Vilko; Panžić, Ivana; Ljubas, Davor; Zadro, Krešo. Rapid microwave-assisted synthesis of Fe ₃ O ₄ /SiO ₂ /TiO ₂ core-2-layer-shell nanocomposite for photocatalytic degradation of ciprofloxacin. // <i>Catalysts</i> . 11 (2021), 10; 1136, 19	4,501 (2021.)	4,641 (2021.)	CHEMISTRY, PHYSICAL	Q2	3,841 (2021.)
31.	Gojun, Martin; Ljubić, Anabela; Bačić, Matea; Jurinjak Tušek, Ana; Šalić, Anita; Zelić, Bruno. Model-to-model: comparison of mathematical process models of lipase catalysed biodiesel production in a microreactor. // <i>Computers & chemical engineering</i> . 145 (2021) ; 107200, 14	4,130 (2021.)	4,062 (2021.)	COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	Q2	3,702 (2021.)
				ENGINEERING, CHEMICAL	Q2	3,289 (2021.)
32.	Gojun, Martin; Šalić, Anita; Zelić, Bruno. Integrated microsystems for lipase-catalysed biodiesel production and glycerol removal by extraction or ultrafiltration. // <i>Renewable energy</i> . 180 (2021) ; 213-221	8,634 (2021.)	8,394 (2021.)	ENERGY & FUELS	Q1	4,863 (2021.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q2	5,655 (2021.)
33.	Gomzi, Vjeran; Movre Šapić, Iva ; Vidak, Andrej. ReaxFF force field development and application for toluene adsorption on MnMO _x (M = Cu, Fe, Ni) catalysts. // <i>Journal of physical chemistry. A</i> . 125 (2021) , 50; 10649-10656	2,944 (2021.)	2,770 (2021.)	CHEMISTRY, PHYSICAL	Q3	3,841 (2021.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q2	2,726 (2021.)
34.	Govorčin Bajsić, Emi; Zdraveva, Emilija; Holjevac Grgurić, Tamara; Slivac, Igor; Tominac Trcin, Mirna; Mrkonjić, Nikolina; Kuzmić, Sunčica; Dolenc, Tamara; Vrgoč Zimić, Ivana; Mijović, Budimir. Preparation and characterization of electrospun PCL/silk fibroin scaffolds. // <i>Chemical and biochemical engineering quarterly</i> . 35 (2021) , 1; 31-42	1,677 (2021.)	1,934 (2021.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	3,414 (2021.)
				ENGINEERING, CHEMICAL	Q3	3,289 (2021.)
35.	Grčić, Ivana; Koprivanac, Natalija; Li Puma, Gianluca. Modeling the photocatalytic oxidation of carboxylic acids on aqueous TiO ₂ suspensions and on immobilized TiO ₂ -chitosan thin films in different reactor geometries irradiated by UVA or UVC light sources. // <i>Chemical engineering journal</i> . 422 (2021) ; 130104	16,744 (2021.)	14,610 (2021.)	ENGINEERING, CHEMICAL	Q1	3,289 (2021.)
				ENGINEERING, ENVIRONMENTAL	Q1	4,427 (2021.)

36.	Gretić, Matija; Štanfel, Mateja; Barbarić, Joško; Rimac, Nikola; Matijašić, Gordana. In vitro behavior of dronedarone hydrochloride loaded pellets using vacuum impregnation technique. // <i>European journal of pharmaceuticals and biopharmaceutics</i> . 162 (2021) ; 70-81	5,589 (2021.)	6,096 (2021.)	PHARMACOLOGY & PHARMACY	Q1	3,580 (2021.)
37.	Grgić, Ivana; Čižmek, Ana-Marija; Babić, Sandra; Ljubas, Davor; Rožman, Marko. UV filters as a driver of the antibiotic pollution in different water matrices. // <i>Journal of environmental management</i> . 289 (2021) ; 112389, 6	8,910 (2021.)	8,549 (2021.)	ENVIRONMENTAL SCIENCES	Q1	3,692 (2021.)
38.	Groš, Josip; Raos, Pero; Leskovic, Mirela. Research of protective coatings application on polymer formulations made by additive technology. // <i>Tehnički vjesnik</i> . 28 (2021) , 4; 1415-1424	0,864 (2021.)	0,789 (2021.)	ENGINEERING, MULTIDISCIPLINARY	Q4	2,342 (2021.)
39.	Gutiérrez, Marina; Grillini, Vittoria; Mutavdžić Pavlović, Dragana; Verlicchi, Paola. Activated carbon coupled with advanced biological wastewater treatment: a review of the enhancement in micropollutant removal. // <i>Science of the total environment</i> . 790 (2021) ; 148050, 20	10,753 (2021.)	10,237 (2021.)	ENVIRONMENTAL SCIENCES	Q1	3,692 (2021.)
40.	Habuda-Stanić, Mirna; Tutić, Ana; Kučić Grgić, Dajana; Zeko-Pivač, Anđela; Burilo, Anamarija; Paixão, Susana; Teixeira, Veronica; Pagaimo, Mariana; Pala, Aysegul; Ergović Ravančić, Maja; Šiljeg, Mario. Adsorption of humic acid from water using chemically modified bituminous coal-based activated carbons. // <i>Chemical and biochemical engineering quarterly</i> . 35 (2021) , 2; 189-203	1,677 (2021.)	1,934 (2021.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	3,414 (2021.)
				ENGINEERING, CHEMICAL	Q3	3,289 (2021.)
41.	Halilović, Asila; Mešić, Vanes; Hasović, Elvedin; Vidak, Andrej. Teaching upper-secondary students about conservation of mechanical energy: two variants of the system approach to energy analysis. // <i>Journal of Baltic science education</i> . 20 (2021) , 2; 223-236	1,232 (2021.)	1,075 (2021.)	EDUCATION & EDUCATIONAL RESEARCH	Q4	2,453 (2021.)
42.	Hari, Vjeran; Begović Kovač, Erna. On the convergence of complex Jacobi methods. // <i>Linear and multilinear algebra</i> . 69 (2021) , 3; 489-514	1,178 (2021.)	1,201 (2021.)	MATHEMATICS	Q2	0,967 (2021.)
43.	Ivanišević, Ana; Brzović Rajić, Valentina; Pilipović, Ana; Par, Matej; Ivanković, Hrvoje; Baraba, Anja. Compressive strength of conventional glass ionomer cement modified with TiO ₂ nanopowder and marine-derived HAp micro-powder. // <i>Materials</i> . 14 (2021) , 17; 4964, 9	3,748 (2021.)	4,042 (2021.)	CHEMISTRY, PHYSICAL	Q3	3,841 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,864 (2021.)
				PHYSICS, APPLIED	Q2	2,748 (2021.)
				PHYSICS, CONDENSED MATTER	Q2	3,097 (2021.)
44.	Ivanišević, Irena; Milardović, Stjepan; Kassal, Petar.	2,330 (2021.)	4,298 (2021.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	3,414 (2021.)

	Recent advances in (bio)chemical sensors for food safety and quality based on silver nanomaterials. // <i>Food technology and biotechnology</i> . 59 (2021) , 2; 216-237			FOOD SCIENCE & TECHNOLOGY	Q3	3,224 (2021.)
45.	Ivanišević, Irena; Milardović, Stjepan; Kassal, Petar; Zlatar, Matej. Electrochemical and spectroscopic characterization of AgNP suspension stability influenced by strong inorganic acids. // <i>Electrochimica acta</i> . 377 (2021) , 138126, 11	7,336 (2021.)	6,432 (2021.)	ELECTROCHEMISTRY	Q1	4,308 (2021.)
46.	Ivanišević, Irena; Milardović, Stjepan; Ressler, Antonia; Kassal, Petar. Fabrication of an all-solid-state ammonium paper electrode using a graphite-polyvinyl butyral transducer layer. // <i>Chemosensors</i> . 9 (2021) , 12; 333, 16	4,229 (2021.)	4,265 (2021.)	CHEMISTRY, ANALYTICAL	Q2	3,191 (2021.)
				ELECTROCHEMISTRY	Q3	4,308 (2021.)
				INSTRUMENTS & INSTRUMENTATION	Q1	2,493 (2021.)
47.	Jakovac, Marko; Klaser, Teodoro; Radatović, Borna; Bafti, Arijeta; Skoko, Željko; Pavić, Luka; Žic, Mark. Impact of sandblasting on morphology, structure and conductivity of zirconia dental ceramics material. // <i>Materials</i> . 14 (2021) , 11; 2834, 12	3,748 (2021.)	4,042 (2021.)	CHEMISTRY, PHYSICAL	Q3	3,841 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,864 (2021.)
				PHYSICS, APPLIED	Q2	2,748 (2021.)
				PHYSICS, CONDENSED MATTER	Q2	3,097 (2021.)
48.	Jeličić, Mario-Livio; Brusač, Edvin; Kurajica, Stanislav; Cvetnić, Matija; Amidžić Klarić, Daniela; Nigović, Biljana; Mornar, Ana. Thermoanalytical, spectroscopic and chromatographic approach to physicochemical compatibility investigation of 5-aminosalicylates and folic acid. // <i>Croatica chemica acta</i> . 94 (2021) , 1; 25-33	0,659 (2021.)	1,000 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	3,361 (2021.)
49.	Jeličić, Mario-Livio; Brusač, Edvin; Kurajica, Stanislav; Cvetnić, Matija; Amidžić Klarić, Daniela; Nigović, Biljana; Mornar, Ana. Drug-drug compatibility evaluation of sulfasalazine and folic acid for fixed-dose combination development using various analytical tools. // <i>Pharmaceutics</i> . 13 (2021) , 3; 400, 15	6,525 (2021.)	7,227 (2021.)	PHARMACOLOGY & PHARMACY	Q1	3,580 (2021.)
50.	Jeran, Nina; Grdiša, Martina; Varga, Filip; Šatović, Zlatko; Liber, Zlatko; Dabić, Dario; Biošić, Martina. Pyrethrin from Dalmatian pyrethrum (<i>Tanacetum cinerariifolium</i> /Trevir./Sch. Bip.): biosynthesis, biological activity, methods of extraction and determination. // <i>Phytochemistry reviews</i> . 20 (2021) , 5; 875-905	7,741 (2021.)	7,943 (2021.)	PLANT SCIENCES	Q1	2,156 (2021.)
51.	Jurinjak Tušek, Ana; Šalić, Anita; Valinger, Davor; Jurina, Tamara; Benković, Maja; Gajdoš Kljusurić, Jasenka; Zelić, Bruno. The power of microsystem technology in the food industry – going small makes it better. // <i>Innovative food science & emerging technologies</i> . 68 (2021) ; 102613, 18	7,104 (2021.)	7,391 (2021.)	FOOD SCIENCE & TECHNOLOGY	Q1	3,224 (2021.)
52.	Kamboj, Nikhil; Ressler, Antonia; Hussainova, Irina.	3,748 (2021.)	4,042 (2021.)	CHEMISTRY, PHYSICAL	Q3	3,841 (2021.)

	Bioactive ceramic scaffolds for bone tissue engineering by powder based selective laser processing: a review. // <i>Materials</i> . 14 (2021), 18; 5338, 27			MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,864 (2021.)
				PHYSICS, APPLIED	Q2	2,748 (2021.)
				PHYSICS, CONDENSED MATTER	Q2	3,097 (2021.)
53.	Klačić, Tin; Katić, Jozefina; Namjesnik, Danijel; Jukić, Jasmina; Kovačević, Davor; Begović, Tajana. Adsorption of polyions on flat TiO ₂ surface. // <i>Minerals</i> . 11 (2021), 11; 1164, 17	2,818 (2021.)	2,989 (2021.)	GEOCHEMISTRY & GEOPHYSICS	Q2	2,673 (2021.)
				MINERALOGY	Q2	2,028 (2021.)
				MINING & MINERAL PROCESSING	Q2	2,601 (2021.)
54.	Kocijan, Martina; Ćurković, Lidija; Ljubas, Davor; Mužina, Katarina; Bačić, Ivana; Radošević, Tina; Podlogar, Matejka; BdiKin, Igor; Otero-Irurueta, Gonzalo; Hortiguera, Maria; Goncalves, Gil. Graphene-based TiO ₂ nanocomposite for photocatalytic degradation of dyes in aqueous solution under solar-like radiation. // <i>Applied sciences (Basel)</i> . 11 (2021), 9; 3966, 15	2,838 (2021.)	2,921 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,361 (2021.)
				ENGINEERING, MULTIDISCIPLINARY	Q2	2,342 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				PHYSICS, APPLIED	Q2	2,748 (2021.)
55.	Kojić, Vedran; Bohač, Mario; Bafti, Arijeta; Pavić, Luka; Salamon, Krešimir; Čižmar, Tihana; Gracin, Davor; Juraić, Krunoslav; Leskovic, Mirela; Capan, Ivana; Gajović, Andreja. Formamidinium lead iodide perovskite films with polyvinylpyrrolidone additive for active layer in perovskite solar cells, enhanced stability and electrical conductivity. // <i>Materials</i> . 14 (2021), 16; 4594, 18	3,748 (2021.)	4,042 (2021.)	CHEMISTRY, PHYSICAL	Q3	3,841 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,864 (2021.)
				PHYSICS, APPLIED	Q2	2,748 (2021.)
				PHYSICS, CONDENSED MATTER	Q2	3,097 (2021.)
56.	Kosar, Vanja; Kurt, Filip; Tomašić, Vesna; Zelić, Ivana Elizabeta. Analysis and modelling of photodegradation of neonicotinoid insecticides under the influence of UVA-LED radiation. // <i>Reaction kinetics mechanisms and catalysis</i> . 134 (2021), 2; 989-1001	1,843 (2021.)	1,589 (2021.)	CHEMISTRY, PHYSICAL	Q4	3,841 (2021.)
57.	Kremer, Irma; Tomić, Tihomir; Katančić, Zvonimir; Erceg, Matko; Papuga, Saša; Parlov Vuković, Jelena; Schneider, Daniel Rolph. Catalytic pyrolysis of mechanically non-recyclable waste plastics mixture: Kinetics and pyrolysis in laboratory-scale reactor. // <i>Journal of environmental management</i> . 296 (2021), 113145, 11	8,910 (2021.)	8,549 (2021.)	ENVIRONMENTAL SCIENCES	Q1	3,692 (2021.)
58.	Kremer, Irma; Tomić, Tihomir; Katančić, Zvonimir; Hrnjak-Murgić, Zlata; Erceg, Matko; Schneider, Daniel Rolph. Catalytic decomposition and kinetic study of mixed plastic waste. // <i>Clean technologies and environmental policy</i> . 23 (2021), 3; 811-827	4,700 (2021.)	3,984 (2021.)	ENGINEERING, ENVIRONMENTAL	Q3	4,427 (2021.)
				ENVIRONMENTAL SCIENCES	Q2	3,692 (2021.)

				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	5,655 (2021.)
59.	Kučić Grgić, Dajana; Miloloža, Martina; Lovrinčić, Ema; Kovačević, Antonija; Cvetnić, Matija; Očelić Bulatović, Vesna; Prevarić, Viktorija; Bule, Kristina; Ukić, Šime; Markić, Marinko; Bolanča, Tomislav. Bioremediation of MP-polluted waters using bacteria <i>Bacillus licheniformis</i> , <i>Lysinibacillus massiliensis</i> , and mixed culture of <i>Bacillus sp.</i> and <i>Delftia acidovorans</i> . // <i>Chemical and biochemical engineering quarterly</i> . 35 (2021) , 2; 205-224	1,677 (2021.)	1,934 (2021.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	3,414 (2021.)
				ENGINEERING, CHEMICAL	Q3	3,289 (2021.)
60.	Kurajica, Stanislav; Mali, Gregor; Mandić, Vilko; Simčić, Ivan; Matijašić, Gordana; Mužina, Katarina. Tailoring microstructural, textural and thermal properties of γ -alumina by modifying aluminum sec-butoxide with ethyl acetoacetate within a sol-gel synthesis. // <i>Journal of physics and chemistry of solids</i> . 148 (2021) ; 109783, 11	4,383 (2021.)	3,836 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,361 (2021.)
				PHYSICS, CONDENSED MATTER	Q2	3,097 (2021.)
61.	Kurajica, Stanislav; Mužina, Katarina; Keser, Sabina; Dražić, Goran; Munda, Ivana Katarina. Assessment of cell toxicity and oxidation catalytic activity of nanosized zinc-doped ceria UV filter. // <i>Chemical and biochemical engineering quarterly</i> . 35 (2021) , 2; 157-164	1,677 (2021.)	1,934 (2021.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	3,414 (2021.)
				ENGINEERING, CHEMICAL	Q3	3,289 (2021.)
62.	Kurajica, Stanislav; Šipušić, Juraj; Zupancic, Martina; Brautović, Igor; Albrecht, Martin. $ZnO-Al_2O_3-SiO_2$ glass ceramics: Influence of composition on crystalphases, crystallite size and appearance. // <i>Journal of non-crystalline solids</i> . 553 (2021) ; 120481, 8	4,458 (2021.)	3,780 (2021.)	MATERIALS SCIENCE, CERAMICS	Q1	1,814 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,786 (2021.)
63.	Lončar, Borka; Perin, Nataša; Mioč, Marija; Boček, Ida; Grgić, Lea; Kralj, Marijeta; Tomić, Sanja; Radić Stojković, Marijana; Hranjec, Marijana. Novel amino substituted tetracyclic imidazo[4,5-b]pyridine derivatives: Design, synthesis, antiproliferative activity and DNA/RNA binding study. // <i>European journal of medicinal chemistry</i> . 217 (2021) ; 113342, 18	7,088 (2021.)	6,427 (2021.)	CHEMISTRY, MEDICINAL	Q1	3,727 (2021.)
64.	Lončarević, Andrea; Ivanković, Marica; Rogina, Anamarija. Electrosprayed chitosan-copper complex microspheres with uniform size. // <i>Materials</i> . 14 (2021), 19; 5630, 16	3,748 (2021.)	4,042 (2021.)	CHEMISTRY, PHYSICAL	Q3	3,841 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,864 (2021.)
				PHYSICS, APPLIED	Q2	2,748 (2021.)
				PHYSICS, CONDENSED MATTER	Q2	3,097 (2021.)
65.	Lukić, Marija; Vrsaljko, Domagoj. Effect of channel dimension on biodiesel yield in millireactors produced by	3,206 (2021.)	2,642 (2021.)	ENERGY & FUELS	Q3	4,863 (2021.)

	stereolithography. // <i>International journal of green energy</i> . 18 (2021) , 2; 156-165			GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q4	5,655 (2021.)
				THERMODYNAMICS	Q2	2,566 (2021.)
66.	Ljubek, Gabrijela; Čapeta, Davor; Šrut Rakić, Iva; Kraljić Roković, Marijana. Energetically efficient and electrochemically tuneable exfoliation of graphite: process monitoring and product characterization. // <i>Journal of materials science</i> . 56 (2021) , 18; 10859-10875	4,682 (2021.)	4,128 (2021.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,786 (2021.)
67.	Maračić, Silvija; Grbčić, Petra; Shanmugam, Suresh; Radić Stojković, Marijana; Pavelić, Krešimir; Sedić, Mirela; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Amidine- and amidoxime-substituted heterocycles: Synthesis, antiproliferative evaluations and DNA binding. // <i>Molecules</i> . 26 (2021) , 22; 7060, 22	4,927 (2021.)	5,110 (2021.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	4,228 (2021.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,361 (2021.)
68.	Martinez, Sanja; Šoić, Ivana; Špada, Vedrana. Unified equivalent circuit of dielectric permittivity and porous coating formalisms for EIS probing of thick industrial grade coatings. // <i>Progress in organic coatings</i> . 153 (2021) ; 106155, 15	6,206 (2021.)	5,470 (2021.)	CHEMISTRY, APPLIED	Q1	2,512 (2021.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	3,234 (2021.)
69.	Masdeu, Gerard; Findrik Blažević, Zvezdana; Kralj, Slavko; Makovec, Darko; López-Santín, Josep; Álvaro, Gregorio. Multi-reaction kinetic modeling for the peroxidase-aldolase cascade synthesis of a D-fagomine precursor. // <i>Chemical engineering science</i> . 239 (2021) ; 116602, 11	4,889 (2021.)	4,640 (2021.)	ENGINEERING, CHEMICAL	Q2	3,289 (2021.)
70.	Matić, Petra; Ukić, Šime; Jakobek, Lidija. Interactions of phenolic acids and β -glucan: Studies of adsorption isotherms and thermodynamics. // <i>Chemical and biochemical engineering quarterly</i> . 35 (2021) , 2; 177-187	1,677 (2021.)	1,934 (2021.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	3,414 (2021.)
				ENGINEERING, CHEMICAL	Q3	3,289 (2021.)
71.	Mikac, Lara; Kovačević, Ema; Ukić, Šime; Raić, Matea; Jurkin, Tanja; Marić, Ivan; Gorić, Marijan; Ivanda, Mile. Detection of multi-class pesticide residues with surface-enhanced Raman spectroscopy // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . 252 (2021) ; 119478, 9	4,831 (2021.)	4,073 (2021.)	SPECTROSCOPY	Q1	2,382 (2021.)
72.	Mikić, Dajana; Otmačić Ćurković, Helena; Kosec, Tadeja; Peko, Neven. An electrochemical and spectroscopic study of surfaces on bronze sculptures exposed to urban environment. // <i>Materials</i> . 14 (2021) , 8; 2063, 17	3,748 (2021.)	4,042 (2021.)	CHEMISTRY, PHYSICAL	Q3	3,841 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,864 (2021.)
				PHYSICS, APPLIED	Q2	2,748 (2021.)
				PHYSICS, CONDENSED MATTER	Q2	3,097 (2021.)

73.	Miloloža, Martina; Bule, Kristina; Ukić, Šime; Cvetnić, Matija; Bolanča, Tomislav; Kušić, Hrvoje; Ocelić Bulatović, Vesna; Kučić Grgić, Dajana. Ecotoxicological determination of microplastic toxicity on algae <i>Chlorella</i> sp.: response surface modeling approach. // <i>Water, air and soil pollution</i> . 232 (2021) , 8; 327, 16	2,984 (2021.)	2,982 (2021.)	ENVIRONMENTAL SCIENCES	Q3	3,692 (2021.)
				METEOROLOGY & ATMOSPHERIC SCIENCES	Q3	3,511 (2021.)
				WATER RESOURCES	Q3	2,984 (2021.)
74.	Miloloža, Martina; Kučić Grgić, Dajana; Bolanča, Tomislav; Ukić, Šime; Cvetnić, Matija; Ocelić Bulatović, Vesna; Dionysiou, Dionysios D.; Kušić, Hrvoje. Ecotoxicological assessment of microplastics in freshwater sources—a review. // <i>Water</i> . 13 (2021) , 1; 56, 26	3,530 (2021.)	3,628 (2021.)	ENVIRONMENTAL SCIENCES	Q2	3,692 (2021.)
				WATER RESOURCES	Q2	2,984 (2021.)
75.	Mlakić, Milena; Čadež, Tena; Barić, Danijela; Puček, Ivana; Ratković, Ana; Marinić, Željko; Lasić, Kornelija; Kovarik, Zrinka; Škorić, Irena. New uncharged 2-thienostilbene oximes as reactivators of organophosphate-inhibited cholinesterases. // <i>Pharmaceuticals</i> . 14 (2021) , 11; 1147, 21	5,215 (2021.)	5,711 (2021.)	CHEMISTRY, MEDICINAL	Q2	3,727 (2021.)
				PHARMACOLOGY & PHARMACY	Q1	3,580 (2021.)
76.	Mlakić, Milena; Šalić, Anita; Bačić, Matea; Zelić, Bruno, Šagud, Ivana; Horváth, Ottó; Škorić, Irena. Photocatalytic oxygenation of heterostilbenes – batch versus microflow reactor. // <i>Catalysts</i> . 11 (2021) , 3; 395, 16	4,501 (2021.)	4,641 (2021.)	CHEMISTRY, PHYSICAL	Q2	3,841 (2021.)
77.	Modrić, Marina; Božičević, Marin; Faraho, Ivan; Bosnar, Martina; Škorić, Irena. Design, synthesis and biological evaluation of new 1,3-thiazole derivatives as potential anti-inflammatory agents. // <i>Journal of molecular structure</i> . 1239 (2021) ; 130526, 12	3,841 (2021.)	3,138 (2021.)	CHEMISTRY, PHYSICAL	Q3	3,841 (2021.)
78.	Mujezinović, Adnan; Martinez, Sanja. Application of the continuous wavelet cross-correlation between pipe-to-soil potential and pipe-to-rail voltage influenced by dynamic stray current from DC train traction. // <i>IEEE transactions on power delivery</i> . 36 (2021) , 2; 1015-1023	4,825 (2021.)	5,169 (2021.)	ENGINEERING, ELECTRICAL & ELECTRONIC	Q1	2,680 (2021.)
79.	Mutavdžić Pavlović, Dragana; Ćurković, Lidija; Mandić, Vilko; Macan, Jelena; Šimić, Iva; Blažek, Dijana. Removal of pharmaceuticals from water by tomato waste as novel promising biosorbent: equilibrium, kinetics, and thermodynamics. // <i>Sustainability</i> . 13 (2021) , 21; 11560, 19	3,889 (2021.)	4,089 (2021.)	ENVIRONMENTAL SCIENCES	Q2	3,692 (2021.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	5,655 (2021.)
80.	Mužina, Katarina; Kurajica, Stanislav; Dražić, Goran; Guggenberger, Patrick; Matijašić, Gordana. True doping levels in hydrothermally derived copper-doped ceria. // <i>Journal of nanoparticle research</i> . 23 (2021) , 7; 149, 14	2,533 (2021.)	2,464 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,361 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				NANOSCIENCE & NANOTECHNOLOGY	Q4	5,508 (2021.)
81.	Ocelić Bulatović, Vesna; Kučić Grgić, Dajana; Mandić, Vilko; Ivanković, Antonio. Biodegradable polymer blends based on thermoplastic starch. // <i>Journal of polymers and the environment</i> . 29 (2021) , 2; 492-508	4,705 (2021.)	4,261 (2021.)	ENGINEERING, ENVIRONMENTAL	Q2	4,427 (2021.)
				POLYMER SCIENCE	Q1	2,984 (2021.)

82.	Odak, Ilijana; Škorić, Irena; Talić, Stanislava; Škobić, Dragan. Thermal stability and photostability of Satureja montana and Lavandula angustifolia essential oils. // <i>Journal of the Brazilian chemical society</i> . 32 (2021) , 11; 2078-2085	2,135 (2021.)	2,065 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,361 (2021.)
83.	Ondrašek, Gabrijel; Kranjčec, Filip; Filipović, Lana; Filipović, Vilim; Bubalo Kovačić, Marina; Jelovica Badovinac, Ivana; Peter, Robert; Petravić, Mladen; Macan, Jelena; Rengel, Zed. Biomass bottom ash & dolomite similarly ameliorate an acidic low-nutrient soil, improve phytonutrition and growth, but increase Cd accumulation in radish. // <i>Science of the total environment</i> . 753 (2021) ; 141902, 12	10,753 (2021.)	10,237 (2021.)	ENVIRONMENTAL SCIENCES	Q1	3,692 (2021.)
84.	Otmačić Čurković, Helena; Ivanko, Marina; Pop Acev, Darko; Kamenar, Ervin; Jelovica Badovinac, Ivana; Špalj, Stjepan. Corrosion of dental alloys used for mini implants in simulated oral environment. // <i>International journal of electrochemical science</i> . 16 (2021) , 8; 21085, 13	1,541 (2021.)	1,628 (2021.)	ELECTROCHEMISTRY	Q4	4,308 (2021.)
85.	Otmačić Čurković, Helena; Mikić, Dajana; Bera, Luka; Kovačević, Ema; Marcelja, Marijana. Electrochemical characterization of bronze exposed to outdoor atmosphere. // <i>Chemical and biochemical engineering quarterly</i> . 35 (2021) , 2; 165-176	1,677 (2021.)	1,934 (2021.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	3,414 (2021.)
				ENGINEERING, CHEMICAL	Q3	3,289 (2021.)
86.	Panžić, Ivana; Capan, Ivana; Brodar, Tomislav; Bafti, Arijeta; Mandić, Vilko. Structural and electrical characterization of pure and Al-doped ZnO nanorods. // <i>Materials</i> . 14 (2021) , 23; 7454, 12	3,748 (2021.)	4,042 (2021.)	CHEMISTRY, PHYSICAL	Q3	3,841 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,864 (2021.)
				PHYSICS, APPLIED	Q2	2,748 (2021.)
				PHYSICS, CONDENSED MATTER	Q2	3,097 (2021.)
87.	Pena-Pereira, Francisco; Bendicho, Carlos; Mutavdžić Pavlović, Dragana; Martín-Esteban, Antonio; Díaz-Álvarez, Myriam; Pan, Yuwei; Cooper, Jon; Yang, Zhugen; Safarik, Ivo; Pospiskova, Kristyna; Segundo, Marcela A.; Psillakis, Eleftheria. Miniaturized analytical methods for determination of environmental contaminants of emerging concern – A review. // <i>Analytica chimica acta</i> . 1158 (2021) ; 238108, 31	6,911 (2021.)	6,467 (2021.)	CHEMISTRY, ANALYTICAL	Q1	3,191 (2021.)
88.	Perin, Nataša; Cindrić, Maja; Vervaeke, Peter; Liekens, Sandra; Mašek, Tomislav; Starčević, Kristina; Hranjec, Marijana. Benzazole substituted iminocoumarins as potential antioxidants with antiproliferative activity. // <i>Medicinal chemistry</i> . 17 (2021) , 1; 13-20	2,329 (2021.)	2,404 (2021.)	CHEMISTRY, MEDICINAL	Q4	3,727 (2021.)

89.	Perin, Nataša; Hok, Lucija; Beč, Anja; Persoons, Leentje; Vanstreels, Els; Daelemans, Dirk; Vianello, Robert; Hranjec, Marijana. N-substituted benzimidazole acrylonitriles as in vitro tubulin polymerization inhibitors: Synthesis, biological activity and computational analysis. // <i>European journal of medicinal chemistry</i> . 211 (2021) ; 113003, 14	7,088 (2021.)	6,427 (2021.)	CHEMISTRY, MEDICINAL	Q1	3,727 (2021.)
90.	Peršurić, Željka; Kraljević Pavelić, Sandra. Bioactives from bee products and accompanying extracellular vesicles as novel bioactive components for wound healing. // <i>Molecules</i> . 26 (2021) , 12; 3770, 18	4,927 (2021.)	5,110 (2021.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	4,228 (2021.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,361 (2021.)
91.	Petrić, Vedran; Mandić, Zoran. On the need for simultaneous electrochemical testing of positive and negative electrodes in carbon supercapacitors. // <i>Electrochimica acta</i> . 384 (2021) ; 138372, 11	7,336 (2021.)	6,432 (2021.)	ELECTROCHEMISTRY	Q1	4,308 (2021.)
92.	Popov, Nina; Bošković, Marko; Perović, Marija; Zadro, Krešo; Gilja, Vanja; Kratožil Krehula, Ljerka; Robić, Marko; Marcius, Marijan; Ristić, Mira; Musić, Svetozar; Stanković, Dalibor; Krehula, Stjepko. Effect of Ru ³⁺ ions on the formation, structural, magnetic and optical properties of hematite (α -Fe ₂ O ₃) nanorods. // <i>Journal of magnetism and magnetic materials</i> . 538 (2021) ; 168316, 6	3,097 (2021.)	2,828 (2021.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				PHYSICS, CONDENSED MATTER	Q3	3,097 (2021.)
93.	Popov, Nina; Ristić, Mira; Robić, Marko; Gilja, Vanja; Kratožil Krehula, Ljerka; Musić, Svetozar; Krehula, Stjepko. Synthesis and properties of Sn-doped α -FeOOH nanoparticles. // <i>Chemical papers</i> . 75 (2021) , 12; 6355-6366	2,146 (2021.)	2,078 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,361 (2021.)
94.	Przykaza, Kacper; Nikolaichuk, Hanna; Kozub, Anna; Tomaszewska-Gras, Jolanta; Peršurić, Željka; Kraljević Pavelić, Sandra; Formal, Emilia. Newly marketed seed oils. What we can learn from the current status of authentication of edible oils. // <i>Food control</i> . 130 (2021) ; 108349, 13	6,652 (2021.)	6,498 (2021.)	FOOD SCIENCE & TECHNOLOGY	Q1	3,224 (2021.)
95.	Preišinger, Ulrich; Lukač, Goran; Dejanović, Igor; Grützner, Thomas. Investigation of control structures for a four-product laboratory multiple dividing-wall column using dynamic simulation. // <i>Chemical engineering & technology</i> . 44 (2021) , 2; 223-237	2,215 (2021.)	2,050 (2021.)	ENGINEERING, CHEMICAL	Q3	3,289 (2021.)
96.	Prevarić, Viktorija; Sigurnjak Bureš, Marija; Cvetnić, Matija; Miloloža, Martina; Kučić Grgić, Dajana; Markić, Marinko; Bule, Kristina; Milković, Marin; Bolanča, Tomislav; Ukić, Šime. The problem of phthalate occurrence in aquatic environment: a review. // <i>Chemical and biochemical engineering quarterly</i> . 35 (2021) , 2; 81-104	1,677 (2021.)	1,934 (2021.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	3,414 (2021.)
				ENGINEERING, CHEMICAL	Q3	3,289 (2021.)
97.	Ptiček Siročić, Anita; Rešček, Ana; Katančić, Zvonimir; Hrnjak-Murgić, Zlata. Development of PE/PCL bilayer films modified with casein and aluminum oxide. // <i>Molecules</i> . 26 (2021) , 11; 3090, 12	4,927 (2021.)	5,110 (2021.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	4,228 (2021.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,361 (2021.)

98.	Racané, Livio; Cindrić, Maja; Zlatar, Ivo; Kezele, Tatjana; Milić, Astrid; Brajša, Karmen; Hranjec, Marijana. Preclinical in vitro screening of newly synthesized amidino substituted benzimidazoles and benzothiazoles. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 36 (2021), 1; 163-174	5,756 (2021.)	4,983 (2021.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	4,228 (2021.)
				CHEMISTRY, MEDICINAL	Q1	3,727 (2021.)
99.	Racané, Livio; Rep, Valentina; Kraljević Pavelić, Sandra; Grbčić, Petra; Zonjić, Iva; Radić Stojković, Marijana; Taylor, Martin C.; Kelly, John M.; Raić-Malić, Silvana. Synthesis, antiproliferative and antitrypanosomal activities, and DNA binding of novel 6-amidino-2-arylbenzothiazoles. // <i>Journal of enzyme inhibition and medicinal chemistry</i> . 36 (2021), 1; 1952-1967	5,756 (2021.)	4,983 (2021.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	4,228 (2021.)
				CHEMISTRY, MEDICINAL	Q1	3,727 (2021.)
100.	Racané, Livio; Zlatar, Ivo; Perin, Nataša; Cindrić, Maja; Radovanović, Vedrana; Banjanac, Mihailo; Shanmugam, Suresh; Radić Stojković, Marijana; Brajša, Karmen; Hranjec, Marijana. Biological activity of newly synthesized benzimidazole and benzothiazole 2,5-disubstituted furane derivatives. // <i>Molecules</i> . 26 (2021), 16; 4935, 21	4,927 (2021.)	5,110 (2021.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	4,228 (2021.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,361 (2021.)
101.	Radić Irena; Runje, Mislav; Babić, Sandra. Development of an analytical method for the determination of pimavanserin and its impurities applying analytical quality by design principles as a risk-based strategy. // <i>Journal of pharmaceutical and biomedical analysis</i> . 201 (2021); 114091, 11	3,571 (2021.)	3,552 (2021.)	CHEMISTRY, ANALYTICAL	Q2	3,191 (2021.)
				PHARMACOLOGY & PHARMACY	Q3	3,580 (2021.)
102.	Ratković, Ana; Mlakić, Milena; Dehaen, Wim; Opsomer, Tomas; Barić, Danijela; Škorić, Irena. Synthesis and photochemistry of novel 1,2,3-triazole di-heterostilbenes. An experimental and computational study. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . 261 (2021); 120056, 14	4,831 (2021.)	4,073 (2021.)	SPECTROSCOPY	Q1	2,382 (2021.)
103.	Ressler, Antonia; Antunović, Maja; Cvetnić, Matija; Ivanković, Marica; Ivanković, Hrvoje. Selenite substituted calcium phosphates: preparation, characterization, and cytotoxic activity. // <i>Materials</i> . 14 (2021), 12; 3436, 15	3,748 (2021.)	4,042 (2021.)	CHEMISTRY, PHYSICAL	Q3	3,841 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,864 (2021.)
				PHYSICS, APPLIED	Q2	2,748 (2021.)
				PHYSICS, CONDENSED MATTER	Q2	3,097 (2021.)
104.	Rezić, Tonči; Vrsalović Presečki, Ana; Kurtanjek, Želimir. New approach to the evaluation of lignocellulose derived by-products impact on lytic-polysaccharide monooxygenase activity by using molecular descriptor structural causality model. // <i>Bioresource technology</i> . 342 (2021), 125990, 5	11,889 (2021.)	11,139 (2021.)	AGRICULTURAL ENGINEERING	Q1	1,806 (2021.)
				BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q1	3,414 (2021.)
				ENERGY & FUELS	Q1	4,863 (2021.)

105.	Rogina, Anamarija; Pušić, Maja; Štefan, Lucija; Ivković, Alan; Urlić, Inga; Ivanković, Marica; Ivanković, Hrvoje. Characterization of chitosan-based scaffolds seeded with sheep nasal chondrocytes for cartilage tissue engineering. // <i>Annals of biomedical engineering</i> . 49 (2021), 6; 1572-1586	4,219 (2021.)	4,310 (2021.)	ENGINEERING, BIOMEDICAL	Q2	3,981 (2021.)
106.	Rogina, Anamarija; Vidović, Dorina; Antunović, Maja; Ivanković, Marica; Ivanković, Hrvoje. Metal ion-assisted formation of porous chitosan- based microspheres for biomedical applications. // <i>International journal of polymeric materials and polymeric biomaterials</i> . 70 (2021) , 14; 1027-1035	3,221 (2021.)	2,967 (2021.)	MATERIALS SCIENCE, BIOMATERIALS	Q3	4,214 (2021.)
				POLYMER SCIENCE	Q2	2,984 (2021.)
107.	Ropuš, Ivana; Ćurković, Lidija; Mandić, Vilko; Kerolli Mustafa, Mihone; Gabelica, Ivana. Conventional and non-conventional sintering techniques of high purity alumina ceramics. // <i>Tehnički vjesnik</i> . 28 (2021) , 5; 1526-1531	0,864 (2021.)	0,789 (2021.)	ENGINEERING, MULTIDISCIPLINARY	Q4	2,342 (2021.)
108.	Rujnić Havstad, Maja; Juroš, Ljerka; Katančić, Zvonimir; Pilipović, Ana. Influence of home composting on tensile properties of commercial biodegradable plastic films. // <i>Polymers</i> . 13 (2021) , 16; 2785, 17	4,967 (2021.)	5,063 (2021.)	POLYMER SCIENCE	Q1	2,984 (2021.)
109.	Sakač, Nikola; Madunić-Čačić, Dubravka; Marković, Dean; Hok, Lucija; Vianello, Robert; Šarkanj, Bojan; Đurin, Bojan; Hajdek, Krunoslav; Smoljan, Božo; Milardović, Stjepan; Matasović, Brunislav; Jozanović, Marija. Potentiometric surfactant sensor based on 1,3-dihexadecyl-1H-benzo[d]imidazol-3-ium for anionic surfactants in detergents and household care products. // <i>Molecules</i> . 26 (2021) , 12; 3627, 14	4,927 (2021.)	5,110 (2021.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	4,228 (2021.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,361 (2021.)
110.	Sharifi, Tayebah; Crmarić, Dora; Kovačić, Marin; Popović, Marin; Kraljić Roković, Marijana; Kušić, Hrvoje; Jozić, Dražan; Ambrožić, Gabriela; Kralj, Damir; Kontrec, Jasminka; Žener, Boštjan; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Tailored BiVO ₄ for enhanced visible-light photocatalytic performance. // <i>Journal of environmental chemical engineering</i> . 9 (2021) , 5; 106025, 15	7,968 (2021.)	7,317 (2021.)	ENGINEERING, CHEMICAL	Q1	3,289 (2021.)
				ENGINEERING, ENVIRONMENTAL	Q2	4,427 (2021.)
111.	Sharifi, Tayebah; Jozić, Dražan; Kovačić, Marin; Kušić, Hrvoje; Lončarić Božić, Ana. In-situ high temperature XRD study on thermally induced phase changes of BiVO ₄ : The formation of an iso-type heterojunction. // <i>Materials letters</i> . 305 (2021) , 130816, 4	3,574 (2021.)	3,197 (2021.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,786 (2021.)
				PHYSICS, APPLIED	Q2	2,748 (2021.)
112.	Sharifi, Tayebah; Mohammadi, Tecush; Mohsen Momeni, Mohamad; Kušić, Hrvoje; Kraljić Roković, Marijana; Lončarić Božić, Ana; Ghayeb, Yousef. Influence of photo-deposited Pt and Pd onto chromium doped TiO ₂ nanotubes in photo-electrochemical water splitting for hydrogen generation. // <i>Catalysts</i> . 11 (2021) , 2; 212, 15	4,501 (2021.)	4,641 (2021.)	CHEMISTRY, PHYSICAL	Q2	3,841 (2021.)
113.		4,331 (2021.)	4,209 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,361 (2021.)

	Shi, Zhen; Zhang, Zejun; Huang, Wei; Zeng, Hang; Mandić, Vilko; Hu, Xin; Zhao, Lizhong; Zhang, Xuefeng. Spontaneous adsorption-induced Salvinia-like micropillars with high adhesion. // <i>Langmuir</i> . 37 (2021) , 22; 6728-6735			CHEMISTRY, PHYSICAL	Q2	3,841 (2021.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,786 (2021.)
114.	Sigurnjak Bureš, Marija; Cvetnić, Matija; Miloloža, Martina; Kučić Grgić, Dajana; Markić, Marinko; Kušić, Hrvoje; Bolanča, Tomislav; Rogošić, Marko; Ukić, Šime. Modeling the toxicity of pollutants mixtures for risk assessment: a review. // <i>Environmental chemistry letters</i> . 19 (2021) , 2; 1629-1655	13,615 (2021.)	12,024 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	3,361 (2021.)
				ENGINEERING, ENVIRONMENTAL	Q1	4,427 (2021.)
				ENVIRONMENTAL SCIENCES	Q1	3,692 (2021.)
115.	Sigurnjak Bureš, Marija; Ukić, Šime; Cvetnić, Matija; Prevarić, Viktorija; Markić, Marinko; Rogošić, Marko; Kušić, Hrvoje; Bolanča, Tomislav. Toxicity of binary mixtures of pesticides and pharmaceuticals toward <i>Vibrio fischeri</i> : Assessment by quantitative structure-activity relationships. // <i>Environmental pollution</i> . 275 (2021) ; 115885, 12	9,988 (2021.)	10,366 (2021.)	ENVIRONMENTAL SCIENCES	Q1	3,692 (2021.)
116.	Slivac, Igor; Zdraveva, Emilija; Ivančić, Fran; Žunar, Bojan; Holjevac Grgurić, Tamara; Gaurina Srček, Višnja; Svetec, Ivan-Krešimir; Dolenc, Tamara; Govorčin Bajsić, Emi; Tominac Trcin, Mirna; Mijović, Budimir. Bioactivity comparison of electrospun PCL mats and liver extracellular matrix as scaffolds for HepG2 cells. // <i>Polymers</i> . 13 (2021) , 2; 279, 11	4,967 (2021.)	5,063 (2021.)	POLYMER SCIENCE	Q1	2,984 (2021.)
117.	Sokol, Ivana; Toma, Mateja; Krnić, Mia; Meščić Macan, Andrijana; Drenjančević, Domagoj; Liekens, Sandra; Raić-Malić, Silvana; Gazivoda Kraljević, Tatjana. Transition metal-catalyzed synthesis of new 3-substituted coumarin derivatives as antibacterial and cytostatic agents. // <i>Future medicinal chemistry</i> . 13 (2021) , 21; 1865-1884	4,767 (2021.)	4,791 (2021.)	CHEMISTRY, MEDICINAL	Q2	3,727 (2021.)
118.	Stankov, Vladimir; Novak Stankov, Mirjana; Cvetnić, Matija; Sigurnjak Bureš, Marija; Ukić, Šime; Kučić Grgić, Dajana; Lončarić Božić, Ana; Kušić, Hrvoje; Bolanča, Tomislav. Environmental aspects of UV-C-based processes for the treatment of oxytetracycline in water. // <i>Environmental pollution</i> . 277 (2021) ; 116797, 11	9,988 (2021.)	10,366 (2021.)	ENVIRONMENTAL SCIENCES	Q1	3,692 (2021.)
119.	Sudar, Martina; Česnik, Morana; Clapés, Pere; Pohl, Martina; Vasić-Rački, Đurđa; Findrik Blažević, Zvezdana. A cascade reaction for the synthesis of D-fagomine precursor revisited: kinetic insight and understanding of the system. // <i>New biotechnology</i> . 63 (2021) ; 19-28	6,490 (2021.)	6,077 (2021.)	BIOCHEMICAL RESEARCH METHODS	Q1	3,258 (2021.)
				BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q1	3,414 (2021.)
120.	Šagud, Ivana; Zanolli, Debora; Zingone, Guglielmo; Perissutti, Beatrice; Škorić, Irena. Impact of mesoporous silica on the chemical degradation of Praziquantel upon grinding. // <i>Comptes rendus. Chimie</i> . 24 (2021) , 2; 233-242	2,550 (2021.)	2,987 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,361 (2021.)

121.	Švarc, Anera; Fekete, Melinda; Hernandez, Karel; Clapés, Pere; Findrik Blažević, Zvezdana; Szekrenyi, Anna; Skendrović, Dino; Vasić-Rački, Đurđa; Charnock, Simon J.; Vrsalović Presečki, Ana. An innovative route for the production of atorvastatin side-chain precursor by DERA-catalysed double aldol addition. // <i>Chemical engineering science</i> . 231 (2021) ; 116312, 10	4,889 (2021.)	4,640 (2021.)	ENGINEERING, CHEMICAL	Q2	3,289 (2021.)
122.	Tolić, Kristina; Mutavdžić Pavlović, Dragana; Stankir, Nataša; Runje, Mislav. Biosorbents from tomato, tangerine, and maple leaves for the removal of ciprofloxacin from aqueous media. // <i>Water, air and soil pollution</i> . 232 (2021) , 5; 218, 16	2,984 (2021.)	2,982 (2021.)	ENVIRONMENTAL SCIENCES	Q3	3,692 (2021.)
				METEOROLOGY & ATMOSPHERIC SCIENCES	Q3	3,511 (2021.)
				WATER RESOURCES	Q3	2,984 (2021.)
123.	Tolić, Kristina; Runje, Mislav; Gazivoda Kraljević, Tatjana; Mutavdžić Pavlović, Dragana. Identification of crizotinib major degradation products obtained under stress conditions by RP-UHPLC-HRMS. // <i>Croatica chemica acta</i> . 94 (2021) , 1; 17-24	0,659 (2021.)	1,000 (2021.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	3,361 (2021.)
124.	Trivanović, Dragan; Pavelić, Krešimir; Peršurić, Željka. Fighting cancer with bacteria and their toxins. // <i>International journal of molecular sciences</i> . 22 (2021) , 23; 12980, 17	6,208 (2021.)	6,628 (2021.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	4,228 (2021.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,361 (2021.)
125.	Varga, Filip; Jeran, Nina; Šatović, Zlatko; Biošić, Martina; Grdiša, Martina. High diversity of natural Dalmatian pyrethrum based on pyrethrin composition at intra- and interpopulation level. // <i>Phytochemistry</i> . 192 (2021) , 112934, 11	4,004 (2021.)	4,129 (2021.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q3	4,228 (2021.)
				PLANT SCIENCES	Q1	2,156 (2021.)
126.	Vidotto, Monica; Mihaljević, Branka; Žauhar, Gordana; Vidović, Elvira; Maltar-Strmečki, Nadica; Klepac, Damir; Valić, Srećko. Effects of γ -radiation on structure and properties of poly(lactic acid) filaments. // <i>Radiation physics and chemistry</i> . 184 (2021) ; 109456, 7	2,776 (2021.)	2,725 (2021.)	CHEMISTRY, PHYSICAL	Q3	3,841 (2021.)
				NUCLEAR SCIENCE & TECHNOLOGY	Q1	1,723 (2021.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q2	2,726 (2021.)
127.	Vrsalović, Mislav; Vrsalović Presečki, Ana. Admission cardiac troponins predict hospital mortality in type a acute aortic dissection: a meta-analysis of adjusted risk estimates. // <i>Acta clinica Croatica</i> . 60 (2021) ; 115-119	0,932 (2021.)	1,121 (2021.)	MEDICINE, GENERAL & INTERNAL	Q4	2,981 (2021.)
128.	Yang, Fei; Sheng, Bo; Wang, Zhaohui; Xue, Ying; Liu, Jianshe; Ma, Tianyi; Bush, Richard; Kušić, Hrvoje; Zhou, Yanbo. Performance of UV/acetylacetone process for saline dye wastewater treatment: Kinetics and mechanism. // <i>Journal of hazardous materials</i> . 406 (2021) ; 124774	14,224 (2021.)	12,984 (2021.)	ENGINEERING, ENVIRONMENTAL	Q1	4,427 (2021.)
				ENVIRONMENTAL SCIENCES	Q1	3,692 (2021.)
129.	Zeljko, Martina; Očelić Bulatović, Vesna; Špada, Vedrana; Lučić Blagojević, Sanja. Environmentally friendly UV-protective polyacrylate/TiO ₂ nanocoatings. // <i>Polymers</i> . 13 (2021) , 16; 2609, 19	4,967 (2021.)	5,063 (2021.)	POLYMER SCIENCE	Q1	2,984 (2021.)

130.	Zibar Belašić, Tihana; Pejova, Biljana; Otmačić Ćurković, Helena; Kamenar, Ervin; Četenović, Bojana; Špalj, Stjepan. Influence of intraoral application of antiseptics and fluorides during orthodontic treatment on corrosion and mechanical characteristics of nickel-titanium alloy in orthodontic appliances. // <i>Angle orthodontist</i> . 91 (2021), 4; 528-537	2,684 (2021.)	3,212 (2021.)	DENTISTRY, ORAL SURGERY & MEDICINE	Q3	2,817 (2021.)
131.	Zrinski, Ivana; Martinez, Sanja; Gospić, Ema Antonia. Catalytic and photocatalytic effects of TiO ₂ nanoparticles on electrooxidation of common antioxidants on carbon paste. // <i>Journal of solid state electrochemistry</i> . 25 (2021); 1591-1600	2,747 (2021.)	2,620 (2021.)	ELECTROCHEMISTRY	Q4	4,308 (2021.)
132.	Zrinski, Ivana; Martinez, Sanja; Ortner, Astrid; Samphao, Anchalee; Zavašnik, Janez; Kalcher, Kurt; Mehmeti, Eda. A novel sensor based on carbon paste electrode modified with polypyrrole/multi-walled carbon nanotubes for the electrochemical detection of cytostatic drug rapamycin. // <i>Electroanalysis</i> . 33 (2021), 5, 1325-1332	3,077 (2021.)	2,932 (2021.)	CHEMISTRY, ANALYTICAL	Q3	3,191 (2021.)
				ELECTROCHEMISTRY	Q3	4,308 (2021.)
133.	Žižek, Krunoslav; Gojun, Martin; Grčić, Ivana. Simulating the wet granulation of TiO ₂ photocatalyst in fluidized bed: Population balance modelling and prediction of coalescence rate. // <i>Powder technology</i> . 379 (2021); 1-11	5,640 (2021.)	5,305 (2021.)	ENGINEERING, CHEMICAL	Q1	3,289 (2021.)

SCOPUS – 2020.

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	Znanstveno područje časopisa prema Scopusu (Subject Area)
1.	Biošić, Martina; Babić, Sandra. Trimethoprim elimination by biotic and abiotic processes. // <i>Fresenius environmental bulletin</i> . 29 (2020), 9A; 7972-7979	0,489 (2020.)	Environmental Science
2.	Biošić, Martina; Varga, Filip; Dabić, Dario; Topalović, Ines; Šatović, Zlatko; Grdiša, Martina. Matrix solid-phase dispersion optimization for determination of pyrethrin content in Dalmatian pyrethrum (<i>Tanacetum cinerariifolium</i> /Trevir./ Sch. Bip.) by liquid chromatography. // <i>Industrial crops and products</i> . 145 (2020); 111999, 9	5,645 (2020.)	Agricultural and Biological Sciences
3.	Bistrović Popov, Andrea; Krstulović, Luka; Koštrun, Sanja; Jelić, Dubravko; Brokulić, Ana; Radić Stojković, Marijana; Zonjić, Iva; Taylor, Martin C.; Kelly, John M.; Bajić, Miroslav; Raić-Malić, Silvana. Design, synthesis, antitrypanosomal activity, DNA/RNA binding and in vitro ADME profiling of novel imidazoline-substituted 2-arylbenzimidazoles. // <i>European journal of medicinal chemistry</i> . 207 (2020); 112802, 19	6,514 (2020.)	Chemistry
			Pharmacology, Toxicology and Pharmaceutics
4.	Božović, Stojan; Gvozdanović, Tena; Kraš, Ana; Grudić, Veselinka; Kurajica, Stanislav; Martinez, Sanja. Rust layer growth and modification by a tannin-based mixture for lowering steelcorrosion rates in neutral saline solution. // <i>Corrosion engineering, science and technology</i> . 55 (2020), 5; 372-380	2,087 (2020.)	Chemical Engineering
			Chemistry
			Materials Science
5.	Cvetnić, Matija; Tomić, Antonija; Sigurnjak, Marija; Novak Stankov, Mirjana; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Structural features of contaminants of emerging concern behind empirical parameters of mechanistic models describing their	5,485 (2020.)	Engineering
			Environmental Science
			Biochemistry, Genetics and Molecular Biology

	photooxidative degradation. // <i>Journal of water process engineering</i> . 33 (2020) ; 101053, 11		Chemical Engineering
6.	Čadež, Tena; Grgičević, Ana; Ahmetović, Ramiza; Barić, Danijela; Maček Hrvat, Nikolina; Kovarik, Zrinka; Škorić, Irena. Benzobicyclo[3.2.1]octene derivatives as a new class of cholinesterase inhibitors. // <i>Molecules</i> . 25 (2020) , 21; 4872, 25	4,411 (2020.)	Chemistry Pharmacology, Toxicology and Pharmaceutics Biochemistry, Genetics and Molecular Biology
7.	Česnik, Morana; Sudar, Martina; Hernández, Karel; Charnock, Simon; Vasić-Rački, Đurđa; Clapés, Pere; Findrik Blažević, Zvezdana. Cascade enzymatic synthesis of L-homoserine – mathematical modelling as a tool for process optimisation and design. // <i>Reaction chemistry and engineering</i> . 5 (2020) ; 747-759	4,239 (2020.)	Chemistry Chemical Engineering
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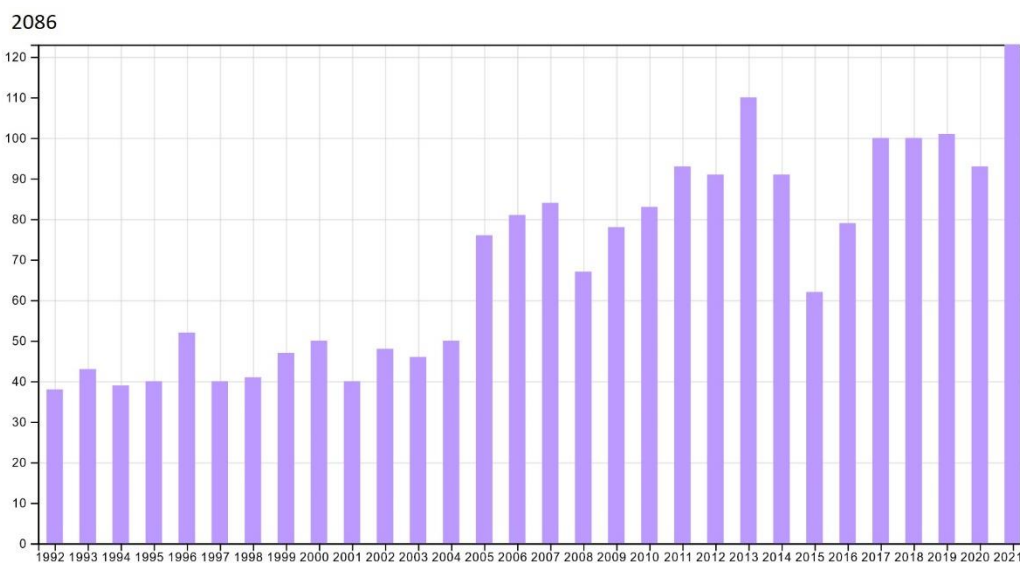
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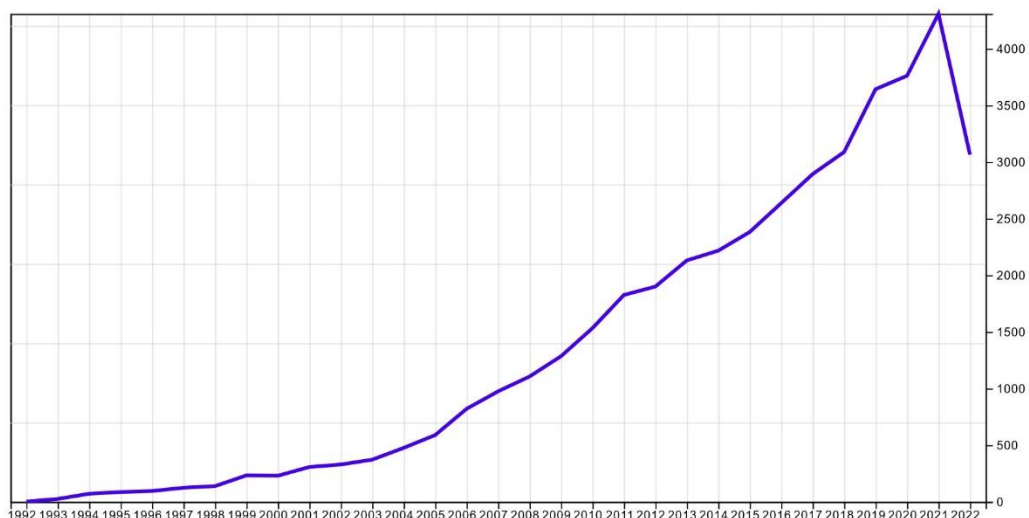
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			Materials Science
			Chemistry
113.	Ropuš, Ivana; Čurković, Lidija; Mandić, Vilko; Kerolli Mustafa, Mihone; Gabelica, Ivana. Conventional and non-conventional sintering techniques of high purity alumina ceramics. // <i>Tehnički vjesnik</i> . 28 (2021) , 5; 1526-1531	0,864 (2021.)	Engineering
114.	Rujnić Havstad, Maja; Juroš, Ljerka; Katančić, Zvonimir; Pilipović, Ana. Influence of home composting on tensile properties of commercial biodegradable plastic films. // <i>Polymers</i> . 13 (2021) , 16; 2785, 17	4,967 (2021.)	Materials Science
			Chemistry

115.	Sakač, Nikola; Madunić-Čačić, Dubravka; Marković, Dean; Hok, Lucija; Vianello, Robert; Šarkanj, Bojan; Đurin, Bojan; Hajdek, Krunoslav; Smoljan, Božo; Milardović, Stjepan; Matasović, Brunislav; Jozanović, Marija. Potentiometric surfactant sensor based on 1,3-dihexadecyl-1H-benzo[d]imidazol-3-ium for anionic surfactants in detergents and household care products. // <i>Molecules</i> . 26 (2021) , 12; 3627, 14	4,927 (2021.)	Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
116.	Sharifi, Tayebah; Crmarić, Dora; Kovačić, Marin; Popović, Marin; Kraljić Roković, Marijana; Kušić, Hrvoje; Jozić, Dražan; Ambrožić, Gabriela; Kralj, Damir; Kontrec, Jasminka; Žener, Boštjan; Lavrenčić Štangar, Urška; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Tailored BiVO ₄ for enhanced visible-light photocatalytic performance. // <i>Journal of environmental chemical engineering</i> . 9 (2021) , 5; 106025, 15	7,968 (2021.)	Environmental Science
			Chemical Engineering
117.	Sharifi, Tayebah; Jozić, Dražan; Kovačić, Marin; Kušić, Hrvoje; Lončarić Božić, Ana. In-situ high temperature XRD study on thermally induced phase changes of BiVO ₄ : The formation of an iso-type heterojunction. // <i>Materials letters</i> . 305 (2021) , 130816, 4	3,574 (2021.)	Engineering
			Physics and Astronomy
			Materials Science
118.	Sharifi, Tayebah; Mohammadi, Tecush; Mohsen Momeni, Mohamad; Kušić, Hrvoje; Kraljić Roković, Marijana; Lončarić Božić, Ana; Ghayeb, Yousef. Influence of photo-deposited Pt and Pd onto chromium doped TiO ₂ nanotubes in photo- electrochemical water splitting for hydrogen generation. // <i>Catalysts</i> . 11 (2021) , 2; 212, 15	4,501 (2021.)	Environmental Science
			Chemistry
			Chemical Engineering
119.	Shi, Zhen; Zhang, Zejun; Huang, Wei; Zeng, Hang; Mandić, Vilko; Hu, Xin; Zhao, Lizhong; Zhang, Xuefeng. Spontaneous adsorption-induced Salvinia-like micropillars with high adhesion. // <i>Langmuir</i> . 37 (2021) , 22; 6728-6735	4,331 (2021.)	Physics and Astronomy
			Chemistry
			Materials Science
120.	Sigurnjak Bureš, Marija; Cvetnić, Matija; Miloloža, Martina; Kučić Grgić, Dajana; Markić, Marinko; Kušić, Hrvoje; Bolanča, Tomislav; Rogošić, Marko; Ukić, Šime. Modeling the toxicity of pollutants mixtures for risk assessment: a review. // <i>Environmental chemistry letters</i> . 19 (2021) , 2; 1629-1655	13,615 (2021.)	Environmental Science
121.	Sigurnjak Bureš, Marija; Ukić, Šime; Cvetnić, Matija; Prevarić, Viktorija; Markić, Marinko; Rogošić, Marko; Kušić, Hrvoje; Bolanča, Tomislav. Toxicity of binary mixtures of pesticides and pharmaceuticals toward <i>Vibrio fischeri</i> : Assessment by quantitative structure-activity relationships. // <i>Environmental pollution</i> . 275 (2021) ; 115885, 12	9,988 (2021.)	Pharmacology, Toxicology and Pharmaceutics
			Environmental Science
122.	Slivac, Igor; Zdraveva, Emilija; Ivančić, Fran; Žunar, Bojan; Holjevac Grgurić, Tamara; Gaurina Srček, Višnja; Svetec, Ivan-Krešimir; Dolenc, Tamara; Govorčin Bajsić, Emi; Tominac Trcin, Mirna; Mijović, Budimir. Bioactivity comparison of electrospun PCL mats and liver extracellular matrix as scaffolds for HepG2 cells. // <i>Polymers</i> . 13 (2021) , 2; 279, 11	4,967 (2021.)	Materials Science
			Chemistry
123.	Sokol, Ivana; Toma, Mateja; Krnić, Mia; Mešić Macan, Andrijana; Drenjančević, Domagoj; Liekens, Sandra; Raić-Malić, Silvana; Gazivoda Kraljević, Tatjana. Transition metal-catalyzed synthesis of new 3-substituted coumarin derivatives as antibacterial and cytostatic agents. // <i>Future medicinal chemistry</i> . 13 (2021) , 21; 1865-1884	4,767 (2021.)	Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
124.	Stankov, Vladimir; Novak Stankov, Mirjana; Cvetnić, Matija; Sigurnjak Bureš, Marija; Ukić, Šime; Kučić Grgić, Dajana; Lončarić Božić, Ana; Kušić, Hrvoje; Bolanča, Tomislav. Environmental aspects of UV-C-based processes for the treatment of oxytetracycline in water. // <i>Environmental pollution</i> . 277 (2021) ; 116797, 11	9,988 (2021.)	Pharmacology, Toxicology and Pharmaceutics
			Environmental Science
125.	Sudar, Martina; Česnik, Morana; Clapés, Pere; Pohl, Martina; Vasić-Rački, Đurđa; Findrik Blažević, Zvezdana.	6,490 (2021.)	Biochemistry, Genetics and Molecular Biology

	A cascade reaction for the synthesis of D-fagomine precursor revisited: kinetic insight and understanding of the system. // <i>New biotechnology</i> . 63 (2021) ; 19-28		Chemical Engineering
126.	Šagud, Ivana; Zanolta, Debora; Zingone, Guglielmo; Perissutti, Beatrice; Škorić, Irena. Impact of mesoporous silica on the chemical degradation of Praziquantel upon grinding. // <i>Comptes rendus. Chimie</i> . 24 (2021) , 2; 233-242	2,550 (2021.)	Chemical Engineering Chemistry
127.	Švarc, Anera; Fekete, Melinda; Hernandez, Karel; Clapés, Pere; Findrik Blažević, Zvezdana; Szekrenyi, Anna; Skendrović, Dino; Vasić-Rački, Đurđa; Charnock, Simon J.; Vrsalović Presečki, Ana. An innovative route for the production of atorvastatin side-chain precursor by DERA-catalysed double aldol addition. // <i>Chemical engineering science</i> . 231 (2021) ; 116312, 10	4,889 (2021.)	Engineering Chemical Engineering Chemistry
128.	Tolić, Kristina; Mutavdžić Pavlović, Dragana; Stankir, Nataša; Runje, Mislav. Biosorbents from tomato, tangerine, and maple leaves for the removal of ciprofloxacin from aqueous media. // <i>Water, air and soil pollution</i> . 232 (2021) , 5; 218, 16	2,984 (2021.)	Environmental Science
129.	Tolić, Kristina; Runje, Mislav; Gazivoda Kraljević, Tatjana; Mutavdžić Pavlović, Dragana. Identification of crizotinib major degradation products obtained under stress conditions by RP-UHPLC-HRMS. // <i>Croatica chemica acta</i> . 94 (2021) , 1; 17-24	0,659 (2021.)	Chemistry
130.	Tomić, Antonija; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Nova mikroonečišćivala u vodenom okolišu. // <i>Hrvatske vode</i> . 29 (2021) , 118; 241-254	-	Earth and Planetary Sciences
131.	Trivanović, Dragan; Pavelić, Krešimir; Peršurić, Željka. Fighting cancer with bacteria and their toxins. // <i>International journal of molecular sciences</i> . 22 (2021) , 23; 12980, 17	6,208 (2021.)	Chemistry Computer Science Biochemistry, Genetics and Molecular Biology Chemical Engineering
132.	Varga, Filip; Jeran, Nina; Šatović, Zlatko; Biošić, Martina; Grdiša, Martina. High diversity of natural Dalmatian pyrethrum based on pyrethrin composition at intra- and interpopulation level. // <i>Phytochemistry</i> . 192 (2021) , 112934, 11	4,004 (2021.)	Agricultural and Biological Sciences Biochemistry, Genetics and Molecular Biology
133.	Vidak, Andrej; Movre Šapić, Iva; Mešić, Vanes. An augmented reality approach to learning about the force of gravity. // <i>Physics education</i> . 56 (2021) , 6; 065026, 11	-	Social Sciences Physics and Astronomy
134.	Vidotto, Monica; Mihaljević, Branka; Žauhar, Gordana; Vidović, Elvira; Maltar-Strmečki, Nadica; Klepac, Damir; Valić, Srećko. Effects of γ -radiation on structure and properties of poly(lactic acid) filaments. // <i>Radiation physics and chemistry</i> . 184 (2021) ; 109456, 7	2,776 (2021.)	Physics and Astronomy
135.	Vrsalović, Mislav; Vrsalović Presečki, Ana. Admission cardiac troponins predict hospital mortality in type a acute aortic dissection: a meta-analysis of adjusted risk estimates. // <i>Acta clinica Croatica</i> . 60 (2021) ; 115-119	0,932 (2021.)	Medicine
136.	Yang, Fei; Sheng, Bo; Wang, Zhaohui; Xue, Ying; Liu, Jianshe; Ma, Tianyi; Bush, Richard; Kušić, Hrvoje; Zhou, Yanbo. Performance of UV/acetylacetone process for saline dye wastewater treatment: Kinetics and mechanism. // <i>Journal of hazardous materials</i> . 406 (2021) ; 124774	14,224 (2021.)	Environmental Science
137.	Zeljko, Martina; Ocelić Bulatović, Vesna; Špada, Vedrana; Lučić Blagojević, Sanja. Environmentally friendly UV-protective polyacrylate/TiO ₂ nanocoatings. // <i>Polymers</i> . 13 (2021) , 16; 2609, 19	4,967 (2021.)	Materials Science Chemistry

138.	Zibar Belašić, Tihana; Pejova, Biljana; Otmačić Ćurković, Helena; Kamenar, Ervin; Četenović, Bojana; Špalj, Stjepan. Influence of intraoral application of antiseptics and fluorides during orthodontic treatment on corrosion and mechanical characteristics of nickel-titanium alloy in orthodontic appliances. // <i>Angle orthodontist</i> . 91 (2021) , 4; 528-537	2,684 (2021.)	Dentistry
139.	Zrinski, Ivana; Martinez, Sanja; Gospić, Ema Antonia. Catalytic and photocatalytic effects of TiO ₂ nanoparticles on electrooxidation of common antioxidants on carbon paste. // <i>Journal of solid state electrochemistry</i> . 25 (2021) ; 1591-1600	2,747 (2021.)	Engineering Physics and Astronomy Materials Science Chemistry
140.	Zrinski, Ivana; Martinez, Sanja; Ortner, Astrid; Samphao, Anchalee; Zavašnik, Janez; Kalcher, Kurt; Mehmeti, Eda. A novel sensor based on carbon paste electrode modified with polypyrrole/multi-walled carbon nanotubes for the electrochemical detection of cytostatic drug rapamycin. // <i>Electroanalysis</i> . 33 (2021) , 5, 1325-1332	3,077 (2021.)	Chemistry
141.	Žižek, Krunoslav; Gojun, Martin; Grčić, Ivana. Simulating the wet granulation of TiO ₂ photocatalyst in fluidized bed: Population balance modelling and prediction of coalescence rate. // <i>Powder technology</i> . 379 (2021) ; 1-11	5,640 (2021.)	Chemical Engineering
142.	Žužić, Andreja; Macan, Jelena. Permanganometric determination of oxygen nonstoichiometry in manganites. // <i>Open ceramics</i> . 5 (2021) ; 100063, 15	-	Materials Science





Slika 5.1. Broj objavljenih radova i njihova citiranost za razdoblje 1992. – 2021. prema bazi Web of Science Core Collection

Tablica 5.14. 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	53*	SCOPUS bez Web of Science: 42**	Web of Science: 470**
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 5.15. Popis radova mentora u bazi podataka WoSCC u razdoblju 1.1.2017. – 31.12.2021. (za tablicu 5.14.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection</i> (WoSCC)	IF	STUDIJ
1.	Brlenić, Valentina; Kušić, Hrvoje; Juretić, Daria; Lončarić Božić, Ana. Comparative study on photooxidative treatment of diclofenac; response surface and mechanistic modeling. // <i>Journal of water process engineering</i> . 10 (2016); 78-88	3,173 (2018.)	KIP, KI
2.	Bačić, Ivana; Mandić, Vilko; Ćurković, Lidija; Otmačić Ćurković, Helena; Kurajica, Stanislav. Thermal and structural studies of sol-gel-derived yttria-doped ZrO ₂ nanoparticles: Effect of annealing condition. // <i>Journal of thermal analysis and calorimetry</i> . 127 (2017), 1; 197-206	2,209 (2017.)	KIP, IK
3.	Bilandžić, Nina; Tlak Gajger, Ivana; Kosanović, Marina; Čalopek, Bruno; Sedak, Marija; Solomun Kolanović, Božica; Varenina, Ivana; Božić Luburića, Đurđica; Varga, Ines; Đokić, Maja. Essential and toxic element concentrations in monofloral honeys from southern Croatia. // <i>Food chemistry</i> . 234 (2017); 245-253	4,946 (2017.)	IK

4.	Bilandžić, Nina; Varenina, Ivana; Solomun Kolanović, Božica; Božić Luburić, Đurdica; Varga, Ines; Želježić, Blaženka; Cvetnić, Luka; Benić, Miroslav; Tanković, Sanin; Cvetnić, Željko. Occurrence of aflatoxin M1 in raw cow, goat and sheep milk during spring and autumn in Croatia during 2016. // <i>Toxin reviews</i> . 36 (2017), 4; 290-296	1,887 (2017.)	IK
5.	Biošić, Martina; Mitrevski, Marija; Babić, Sandra. Environmental behaviour of sulfadiazine, sulfamethazine and their metabolites. // <i>Environmental science and pollution research</i> . 24 (2017), 10; 9802-9812	2,800 (2017.)	KIP
6.	Biošić, Martina; Škorić, Irena; Beganović, Jasmina; Babić, Sandra. Nitrofurantoin hydrolytic degradation in the environment. // <i>Chemosphere</i> . 186 (2017); 660-668	4,427 (2017.)	KIP
7.	Bistrović, Andrea; Harej, Anja; Grbčić, Petra; Sedić, Mirela; Kraljević Pavelić, Sandra; Cetina, Mario; Raić-Malić, Silvana. Synthesis and anti-proliferative effects of mono- and bis-purinomimetics targeting kinases. // <i>International journal of molecular sciences</i> . 18 (2017), 11; 2292-1-2292-20	3,687 (2017.)	KIP, IK
8.	Bistrović, Andrea; Stipaničev, Nikolina; Opačak-Bernardi, Teuta; Jukić, Marijana; Martinez, Sanja; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Synthesis of 4-aryl-1,2,3-triazolyl appended natural coumarin-related compounds with antiproliferative, radical scavenging activities and intracellular ROS production modification. // <i>New journal of chemistry</i> . 41 (2017), 15; 7531-7543	3,201 (2017.)	KIP, IK
9.	Bocian, Szymon; Škrinjar, Tea; Bolanča, Tomislav; Buszewski, Bogusław. How high pressure unifies solvation processes in liquid chromatography. // <i>Journal of AOAC international</i> . 100 (2017), 6; 1647-1651	1,087 (2017.)	KIP, IK
10.	Bolanča, Tomislav; Strahovnik, Tomislav; Ukić, Šime; Novak Stankov, Mirjana; Rogošić, Marko. Modeling of policies for reduction of GHG emissions in energy sector using ANN: case study-Croatia (EU). // <i>Environmental science and pollution research</i> . 24 (2017), 19; 16172-16185	2,800 (2017.)	KIP, IK
11.	Bota, Josip; Kratožil Krehula, Ljerka; Katančić, Zvonimir; Brozović, Maja; Hrnjak-Murgić, Zlata. Surface characteristics and enhancement of water vapour properties of paperboard coated with polycaprolactone nanocomposites. // <i>Journal of adhesion science and technology</i> . 31 (2017), 5; 466-486	1,039 (2017.)	KIP
12.	Bota, Josip; Vukoje, Marina; Brozović, Maja; Hrnjak-Murgić, Zlata. Reduced water permeability of biodegradable PCL nanocomposite coated paperboard packaging. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017), 4; 417-424	1,383 (2017.)	KIP
13.	Brnardić, Ivan; Čurković, Lidija; Sofilić, Tahir; Mutavdžić Pavlović, Dragana; Matijašić, Gordana; Grčić, Ivana; Rađenović, Ankica. Removal of heavy metals and pharmaceuticals from contaminated water using waste sludge – kinetics and mechanisms. // <i>Clean-soil air water</i> . 45 (2017), 7; 1600509-1-1600509-9	1,338 (2017.)	KI, IK
14.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Kušić, Hrvoje; Đermadi, Jasna; Horvat, Sanja; Bolanča, Tomislav; Marin, Vedrana; Karamanis, Panagiotis; Lončarić Božić, Ana. Prediction of biodegradability of aromatics in water using QSAR modeling. // <i>Ecotoxicology and environmental safety</i> . 139 (2017); 139-149	3,974 (2017.)	KIP, IK, KI
15.	Cvetnić, Matija; Ukić, Šime; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Photooxidative degradation of pesticides in water; response surface modeling approach. // <i>Journal of advanced oxidation technologies</i> . 20 (2017), 1; 20160172-1-20160172-14	0,901 (2017.)	KIP, IK, KI
16.	Čizmić, Mirta; Babić, Sandra; Kaštelan-Macan, Marija. Multi-class determination of pharmaceuticals in wastewaters by solid-phase extraction and liquid chromatography tandem mass spectrometry with matrix effect study. // <i>Environmental science and pollution research</i> . 24 (2017), 25; 20521-20539	2,800 (2017.)	KIP
17.	Čizmić, Mirta; Ljubas, Davor; Čurković, Lidija; Škorić, Irena; Babić, Sandra. Kinetics and degradation pathways of photolytic and photocatalytic oxidation of the anthelmintic drug praziquantel. // <i>Journal of hazardous materials</i> . 323 (2017), Part A; 500-512	6,434 (2017.)	KIP, IK
18.	Čorić, Danko; Čurković, Lidija; Majić Renjo, Marijana. Statistical analysis of Vickers indentation fracture toughness of Y-TZP ceramics. // <i>Transactions of Famena</i> . 41 (2017), 2; 1-16	0,797 (2017.)	IK

19.	Ćorić, Danko; Majić Renjo, Marijana; Ćurković, Lidija. Vickers indentation fracture toughness of Y-TZP dental ceramics. // <i>International journal of refractory metals & hard materials</i> . 64 (2017) ; 14-19	2,606 (2017.)	IK
20.	Ćurković, Lidija; Jukić, Mirela; Šokčević, Zrinka; Majić Renjo, Marijana. Woody biomass fly ash as a low-cost sorbent for the removal of ionic dye from aqueous solution: Isotherm, kinetic modelling and thermodynamics. // <i>Desalination and water treatment</i> . 89 (2017) ; 171-180	1,383 (2017.)	IK
21.	Ćurković, Lidija; Žmak, Irena; Kurajica, Stanislav; Tonković, Martina Eva; Šokčević, Zrinka; Majić Renjo, Marijana. From eggshells biowaste to hydroxyapatite biomaterial. // <i>Materialwissenschaft und Werkstofftechnik</i> . 48 (2017) , 8; 797-802	0,625 (2017.)	IK
22.	Ćuti, Tomislav; Antunović, Maja; Marijanović, Inga; Ivković, Alan; Vukasović, Andrea; Matic, Igor; Pećina, Marko; Hudetz, Damir. Capacity of muscle derived stem cells and pericytes to promote tendon graft integration and ligamentization following anterior cruciate ligament reconstruction. // <i>International orthopaedics</i> . 41 (2017) , 6; 1189-1198	2,377 (2017.)	KIP
23.	Dasović, Jasna; Dubček, Pavo; Pucić, Irina; Bernstorff, Sigrid; Radić, Nikola; Pivac, Branko. The interface quality of Ge nanoparticles grown in thick silica matrix. // <i>Applied surface science</i> . 414 (2017) ; 1-7	4,439 (2017.)	KIP
24.	Denžić Lugomer, Marija; Pavliček, Damir; Bilandžić, Nina; Majnarić, Darko. Determination of benzimidazole residues and their metabolites in raw milk using high performance liquid chromatography-diode array detection. // <i>Mljekarstvo</i> . 67 (2017) , 3; 231-238	0,529 (2017.)	IK
25.	Dolar, Davor; Drašinac, Nina; Košutić, Krešimir; Škorić, Irena; Ašperger, Danijela. Adsorption of hydrophilic and hydrophobic pharmaceuticals on RO/NF membranes: Identification of interactions using FTIR. // <i>Journal of applied polymer science</i> . 134 (2017) , 5; 44426-1-44426-12	1,901 (2017.)	KIP, IK
26.	Dražević, Emil; Košutić, Krešimir; Svalina, Marin; Catalano, Jacopo. Permeability of uncharged organic molecules in reverse osmosis desalination membranes. // <i>Water research</i> . 116 (2017) ; 13-22	7,051 (2017.)	IK
27.	Duplančić, Marina; Kurajica, Stanislav; Tomašić, Vesna; Minga, Iva. Catalytic oxidation of toluene on hydrothermally prepared ceria nanocrystals. // <i>Chemical and biochemical engineering quarterly</i> . 31 (2017) , 4; 375-383	1,383 (2017.)	KI, IK
28.	Gilja, Vanja; Novaković, Katarina; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata; Kraljić Roković, Marijana; Žic, Mark. Stability and synergistic effect of polyaniline/TiO ₂ photocatalysts in degradation of Azo dye in wastewater. // <i>Nanomaterials</i> . 7 (2017) , 12; 412-1-412-16	3,504 (2017.)	KIP
29.	Grčić, Ivana; Brnardić, Ivan; Mutavdžić Pavlović, Dragana; Mandić, Vilko; Papić, Sanja. Photocatalytic activity of synthesized titanate nanotubes and nanoribbons vs. commercial TiO ₂ under artificial solar and visible irradiation using 17β-estradiol as model micropollutant. // <i>Desalination and water treatment</i> . 67 (2017) ; 300-308	1,383 (2017.)	IK, KI
30.	Grčić, Ivana; Erjavec, Boštjan; Vrsaljko, Domagoj; Guyon, Cedric; Tatoulian, Michael. Influence of plasma surface pretreatment and triarylmethane dye on the photocatalytic performance of TiO ₂ -chitosan coating on textile. // <i>Progress in organic coatings</i> . 105 (2017) ; 277-285	2,955 (2017.)	KIP
31.	Grčić, Ivana; Koprivanac, Natalija; Andričević, Roko. Reliability study of laboratory scale water treatment by advanced oxidation processes. // <i>Environmental engineering and management journal</i> . 16 (2017) , 1; 1-13	1,334 (2017.)	IK
32.	Gregorić, Tomislav; Sedić, Mirela; Grbčić, Petra; Tomljenović Paravić, Andrea; Kraljević Pavelić, Sandra; Cetina, Mario; Vianello, Robert; Raić-Malić, Silvana. Novel pyrimidine-2,4-dione-1,2,3-triazole and furo[2, 3-d]pyrimidine-2-one-1,2,3-triazole hybrids as potential anti-cancer agents: Synthesis, computational and X-ray analysis and biological evaluation. // <i>European journal of medicinal chemistry</i> . 125 (2017) ; 1247-1267	4,816 (2017.)	KIP, IK
33.	Hajduković, Mateja; Samardžić, Mirela; Galović, Olivera; Sečenji, Aleksandar; Sak-Bosnar, Milan. A functionalized nanomaterial based, new, solid state cationic-surfactant-selective sensor with fast response and low noise. // <i>Sensors and actuators. B, Chemical</i> . 251 (2017) ; 795-803	5,667 (2017.)	KIP

34.	Horak, Ema; Hranjec, Marijana; Vianello, Robert; Steinberg, Ivana. Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. // <i>Dyes and pigments</i> . 142 (2017) ; 108-115	3,767 (2017.)	IK
35.	Horak, Ema; Vianello, Robert; Hranjec, Marijana; Krištafor, Sijetlana; Karminski Zamola, Grace; Murković Steinberg, Ivana. Benzimidazole acrylonitriles as multifunctional push-pull chromophores: spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. // <i>Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy</i> . 178 (2017) ; 225-233	2,880 (2017.)	IK
36.	Hranjec, Marijana; Horak, Ema; Babić, Darko; Plavljanin, Sanela; Srdović, Zrinka; Murković Steinberg, Ivana; Vianello, Robert; Perin, Nataša. Fluorescent benzimidazo[1,2-a]quinolines: synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. // <i>New journal of chemistry</i> . 41 (2017) , 1; 358-371	3,201 (2017.)	IK
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Tablica 5.16. Popis radova mentora u bazi podataka Scopus, bez baze podataka WoSCC u razdoblju 1.1.2017. – 31.12.2021. (za tablicu 5.14.)

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