

FKITMCMXIX

Sveučilište u Zagrebu
Fakultet kemijskog
inženjerstva i tehnologije



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ODLUKU o prihvatanju Godišnje Samoanalize Fakulteta

I.

Prihvaća se Godišnja Samoanaliza Fakulteta za 355. ak. god. 2023. /2024.

II.

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

III.

Odluka stupa na snagu danom donošenja i objavit će se na mrežnim stranicama Fakulteta.



Dostaviti:

1. Pismohrani, ovdje



University of Zagreb
Faculty of Chemical
Engineering and Technology



Godišnja samoanaliza
Sveučilišta u Zagrebu
Fakulteta kemijskog inženjerstva i tehnologije
za ak. god. 2023./2024.

Zagreb, studeni 2023.

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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
2020./2021.	3,71	3,95
2021./2022.	3,39	4,17
2022./2023.	3,26	3,98

III. NASTAVNI PROCES I PODRŠKA STUDENTIMA

Tablica 3.1. Broj studenata po studijskom programu u akademskoj godini 2023./2024.

Naziv studijskog programa	Redoviti studenti	Izvanredni studenti
Chemical and Environmental Technology (1488), diplomski sveučilišni studij, Zagreb	6	0
Ekoinženjerstvo (1706), poslijediplomski specijalistički studij, Zagreb	0	22
Kemijsko inženjerstvo (1710), preddiplomski sveučilišni studij, Zagreb	274	0
Kemijsko inženjerstvo (1711), diplomski sveučilišni studij, Zagreb	90	0
Kemija i inženjerstvo materijala (1712), preddiplomski sveučilišni studij, Zagreb	187	0
Kemija i inženjerstvo materijala (1713), diplomski sveučilišni studij, Zagreb	88	0
Primijenjena kemija, smjerovi: Kemija u zaštiti okoliša i izvori energije, Specifični materijali i napredne tehnologije, Primijenjena organska kemija (1714), preddiplomski sveučilišni studij, Zagreb	185	0
Primijenjena kemija, smjerovi: Kemija u zaštiti okoliša i izvori energije, Specifični materijali i napredne tehnologije, Primijenjena organska kemija (1715), diplomski sveučilišni studij, Zagreb	94	0
Ekoinženjerstvo (1716), preddiplomski sveučilišni studij, Zagreb	116	0
Ekoinženjerstvo (1717), diplomski sveučilišni studij, Zagreb	37	0
Kemijsko inženjerstvo i primijenjena kemija (1719), poslijediplomski sveučilišni (doktorski) studij, Zagreb	0	144
Ukupno	1077	166

Tablica 3.2. Struktura upisanih studenata i zanimanje za preddiplomske studijske programe u tekućoj i posljednjih pet godina*

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
2023./2024.	499	76	63	80+3 stranca	80	-	-	-	72	4,570	8	4,550	0	0
2022./2023.	476	48	58	55+3 stranca	55	-	-	-	48	4,62	7	4,57	0	0
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
2023./2024.	239	50	30	55+3 stranca	56	-	-	-	38	4,367	17	4,545	1	4,320
2022./2023.	223	26	39	55+3 stranca	54	-	-	-	40	4,22	14	4,33	0	0
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
2023./2024.	136	12	19	30+2 stranca	20	-	-	-	10	4,529	9	4,266	1	4,410
2022./2023.	155	13	16	55+2 stranca	22	-	-	-	17	4,30	5	4,55	0	0
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

2023./2024.	329	48	40	55+2 stranca	55	-	-	-	48	4,622	7	4,566	0	0
2022./2023.	358	44	53	55+2 stranca	56	-	-	-	44	4,54	12	4,50	0	0
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 diplomatske i poslijediplomske studijske programe u tekućoj i posljednjih pet godina*

Kemijsko inženjerstvo	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani	Upisna kvota		
2023./2024.	54	52	65 (2 stranac)	-	-	-	4 (studenti s FKIT-a, promjena studija)	3,440
2022./2023.	46	44	50(2 stranac)	-	-	-	3((studenti s FKIT-a, promjena studija)	3,580
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 inženjerstvo materijala	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani	Upisna kvota		
2023./2024.	46	36	40 (1 stranac)	-	-	-	0	3,566
2022./2023.	32	19	40 (1 stranca)	-	-	-	3 (studenti s FKIT-a, promjena studija)	3,731
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

Ekoinženjerstvo	Redovni studenti			Izvanredni studenti			Broj studenata koji dolaze s drugoga visokog učilišta	Prosječna ocjena*
Godina	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani	Upisna kvota		
2023./2024.	13	7	30 (1 stranac)	-	-	-	0	3,475
2022./2023.	37	22	35 (1 stranca)	-	-	-	1(studenti s FKIT-a, promjena studija)	3,412
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	Upisna kvota		
2023./2024.	57	47	50 (1stranac)	-	-	-	2 (razlika do 15 ECTSa)	3,543
2022./2023.	39	33	40 (1 stranac)	-	-	-	2(studenti s FKIT-a, promjena studija)	3,743
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	Upisna kvota		

2023./2024.	25 stranaca + 2EU	3	15EU (10 stranaca)	-	-	-	3	3,304
2022./2023.	13 stranaca+7EU	4	15 EU (10stranaca)	-	-	-	4	3,851
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 Godina	Redovni studenti			Izvanredni studenti*			Broj studenata koji dolaze s drugog visokog učilišta	Prosječna ocjena**
	Prijavljeni	Upisani	Upisna kvota	Prijavljeni	Upisani*	Upisna kvota		
KIPK 2023./2024.	-	-	-	24	21	21	8 (1 PMF; 1 PBF; 1 FSB; 1 KTF Split; 1 PTF Osijek; 1 Odjel za kemiju SJJSuOsijeku; 1 University of civil Engineering, Moskva, 1 University of Ljubljana)	4,575
KIPK 2022./2023.	-	-	-	17	17	17	4(2 PBF, 1 PMF, 1 Odjel za kemiju SJJSuOsijeku)	4,342
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
2017./2018.	38	8	9	47	33	2(21)	3,812
2018./2019.	39	16	9	35	35	4(21)	3,738

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
2017./2018.	41	6	25	39	25	4(16)	3,634
2018./2019.	16	35	4	16	16	6(39)	3,756

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
2017./2018.	31	3	9	44	19	4(25)	3,761
2018./2019.	15	17	27	13	12	5(42)	3,519

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
2017./2018.	37	7	14	37	32	2(21)	3,745
2018./2019.	32	10	14	31	32	5(24)	3,765

Napomena za sve preddiplomske studije: broj upisanih studenata s kojima računa sustav ISVU je ukupan broj prvi put upisanih studenata u određenoj ak. god. umanjeno 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 bruća zato što je dio bruća tokom godina prešao na druge preddiplomske studije. Broj upisanih studenata može biti veći od broja bruća zato što imamo upisane goste studente

[#]u zagradama je dan ukupan broj studenata koji su napustili studij; uz one koji su izgubili pravo studiranja pribrojeni 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
2019./2020.	40	0	0	40	40	0	4,217
2020./2021.	40	0	2	40	40	0	3,830

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
2019./2020.	33	0	0	33	33	0	3,947
2020./2021.	33	0	0	33	33	0	3,744

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
2019./2020.	17	0	0	17	17	0	3,979
2020./2021.	15	0	0	15	15	0	3,730

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
2019./2020.	27	0	0	27	27	0	4,041
2020./2021.	34	0	1	33	33	1	4,346

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.	-	-	-	-	-	-	-
2019./2020.	4	0	0	4	4	0	4,592
2020./2021.	5	0	0	5	5	0	4,395

* u zagradama je dan ukupan broj studenata koji su napustili studij; uz one koji su izgubili pravo studiranja pribrojeni su studenti ispisani na vlastiti zahtjev i oni su prešli na drugi studij * u zagradama je dan ukupan broj studenata koji su napustili studij; uz one koji su izgubili pravo studiranja pribrojeni 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 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	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
2019	92	47	19	26	3,5
2020	55	30	11	12	3,3

*Ne uključuje prelaske s drugih VU

Kemija i inženjerstvo materijala (1712), 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
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
2019	64	30	10	24	3,4
2020	53	27	6	20	3,9

*Ne uključuje prelaske s drugih VU

Primijenjena kemija; smjerovi: Kemija u zaštiti okoliša, Specifični materijali i napredne tehnologije, Primijenjena organska kemija (1714) 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	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
2019	62	38	11	13	3,5

2020	55	34	8	13	3,7
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*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
2019	66	17	21	28	3,6
2020	54	16	11	27	3,6

*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
2020	40	40	0	0	2
2021	50	50	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
2020	33	33	0	0	1,9
2021	41	38	2	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
2020	34	32	1	1	1,9
2021	39	37	2	0	2,1

*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
2020	15	14	1	0	1,9
2021	30	30	0	0	2,1

*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	-	-	-	-	-
2019	4	4	-	-	2,2
2020	5	5	0	0	2,1
2021	1	1	0	0	2

*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	1	27	0
2021./2022.	Dolazna mobilnost	36	3	1
2022./2023.	Odlazna mobilnost	14	7	1
2022./2023.	Dolazna mobilnost	31	0	0

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 2024. (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	
	2022./2023.	49	
	2023./2024.	42	
Preddiplomski studij Kemija i inženjerstvo materijala	2013./2014.	11	1
	2014./2015.	21	
	2015./2016.	22	
	2016./2017.	25	
	2017./2018.	35	
	2018./2019.	35	
	2019./2020.	35	
	2020./2021.	40	
	2021./2022.	19	
	2022./2023.	39	
	2023./2024.	42	
Preddiplomski studij Ekoinženjerstvo	2013./2014.	19	1
	2014./2015.	35	
	2015./2016.	38	
	2016./2017.	14	
	2017./2018.	23	
	2018./2019.	17	
	2019./2020.	18	
	2020./2021.	25	
	2021./2022.	26	
	2022./2023.	8	
	2023./2024.	33	
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	
	2022./2023.	49	
	2023./2024.	35	

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 2024. (bez radnog iskustva)
Diplomski studij Kemijsko inženjerstvo	2013./2014.	35	1
	2014./2015.	29	
	2015./2016.	37	
	2016./2017.	37	
	2017./2018.	32	
	2018./2019.	37	
	2019./2020.	39	
	2020./2021.	43	
	2021./2022.	32	
	2022./2023.	41	
	2023./2024.	46	
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	
	2020./2021.	30	
	2021./2022.	30	
	2022./2023.	37	
	2023./2024.	21	
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	
	2020./2021.	21	
	2021./2022.	12	
	2022./2023.	27	
	2023./2024.	21	
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	
	2022./2023.	30	
	2023./2024.	39	
Diplomski studij Chemical and Environmental Technology	2020./2021.	2	0
	2021./2022.	6	
	2022./2023.	2	
	2023./2024.	2	

Tablice koje slijede nisu sastavni dio MOZVAG-a

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

Studijski program	Redoviti studenti										
	2013./2014.	2014./2015.	2015./2016.	2016./2017.	2017./2018.	2018./2019.	2019./2020.	2020./2021.	2021./2022.	2022./2023.	2023./2024.
Preddiplomski studij Kemijsko inženjerstvo	219	252	254	244	234	244	250	255	247	261	274
Preddiplomski studij Kemija i inženjerstvo materijala	155	184	212	201	203	201	188	180	182	195	187
Preddiplomski studij Ekoinženjerstvo	233	231	198	184	159	150	160	168	147	116	116
Preddiplomski studij Primijenjena kemija	185	195	178	183	190	186	183	180	188	189	185
Diplomski studij Kemijsko inženjerstvo (tri modula)	71	71	77	74	74	80	83	84	91	103	115
Modul Kemijsko-procesno inženjerstvo	39	46	43	33	27	16	14	28	31	29	36
Kemijsko inženjerstvo u zaštiti okoliša	16	12	7	0	0	0	12	24	29	35	32
Kemijske tehnologije i proizvodi	16	13	27	41	47	64	57	32	31	39	47
Diplomski studij Kemija i inženjerstvo materijala	36	27	34	44	48	58	66	67	77	66	63
Diplomski studij Ekoinženjerstvo	36	30	53	78	63	66	51	39	48	58	37
Diplomski studij Primijenjena kemija (tri modula)	54	50	64	74	80	89	77	71	75	79	94
Modul Kemija okoliša	8	9	11	6	10	14	7	11	22	23	26

Modul Specifični materijali i napredne tehnologije	24	20	29	32	28	30	28	32	28	27	35
Modul Primijenjena organska kemija	22	21	24	74	42	45	42	28	25	29	33
Ukupno	989	1040	1070	1082	1051	1074	1058	1044	1055	1067	1071

Studijski program	Redoviti studenti										
	2013./2014.	2014./2015.	2015./2016.	2016./2017.	2017./2018.	2018./2019.	2019./2020.	2020./2021.	2021./2022.	2022./2023.	2023./2024.
Diplomski studij Chemical and Environmental Technology	-	-	-	-	-	-	4	9	8	6	6

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	Z	M	Z	M	Z	M	Z	M	Z
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	Z	M	Z	M	Z	M	Z	M	Z
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	Z	M	Z	M	Z	M	Z	M	Z

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	Z	M	Z	M	Z	M	Z	M	Z
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	Z	M	Z	M	Z	M	Z	M	Z
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

2022./2023.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Z	M	Z	M	Z	M	Z	M	Z
Asistent/ Znanstveni novak	0	0	0	0	0	0	0	1	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	1	0	1	0
Samofinanciranje	0	0	0	0	0	0	0	3	0	0
UKUPNO:	0	0	0	0	0	0	1	4	1	0

2023./2024.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Z	M	Z	M	Z	M	Z	M	Z
Asistent/ Znanstveni novak	0	0	0	0	0	0	0	1	0	0
Stipendija	0	0	0	0	0	0	0	0	0	0
Troškove snosi pravna osoba	0	0	0	0	0	0	0	0	0	0
Samofinanciranje	0	0	0	0	0	0	0	2	0	0
UKUPNO:	0	0	0	0	0	0	0	3	0	0

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

2017./2018.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Z	M	Z	M	Z	M	Z	M	Z
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

2018./2019.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Z	M	Z	M	Z	M	Z	M	Z
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	Z	M	Z	M	Z	M	Z	M	Z
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	Z	M	Z	M	Z	M	Z	M	Z
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	Z	M	Z	M	Z	M	Z	M	Z
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

2022./2023.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Z	M	Z	M	Z	M	Z	M	Z
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

2023./2024.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Z	M	Z	M	Z	M	Z	M	Z
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	0	0	0
Samofinanciranje	0	0	0	0	0	0	0	0	0	0
UKUPNO:	0	0	0	0	0	0	0	0	0	0

Doktorski studij Kemijsko inženjerstvo i primijenjena kemija

2020./2021.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Z	M	Z	M	Z	M	Z	M	Z
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	Z	M	Z	M	Z	M	Z	M	Z
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	2	4	0	7	1	1	5	8	3	3
Samofinanciranje	0	2	2	0	2	1	10	7	0	2
UKUPNO:	8	12	11	29	10	8	24	37	7	10

2022./2023.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Z	M	Z	M	Z	M	Z	M	Z
Asistent/ Znanstveni novak	1	3	0	0	1	7	5	12	0	2

Stipendija	0	0	4HRZZ + 2 Projekt	5 HRZZ + 1 Projekt	4HRZZ + 3 Projekt	7HRZZ + 5 Projekt	1 Projekt	5 HRZZ + 2 Projekt	2 Projekt	3HRZZ + 1 Projekt
Troškove snosi pravna osoba	0	5	0	4	0	9	8	12	2	2
Samofinanciranje	3	5	0	2	2	0	13	7	0	0
UKUPNO:	4	13	6	13	10	28	27	38	4	8

2023./2024.	1. godina		2. godina		3. godina		Apsolventi		Doktorirali	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Asistent/ Znanstveni novak	3	5	1	3	0	0	6	17	0	6
Stipendija	1 Projekt	2 Projekt	0	0	4 HRZZ + 2 Projekt	5 HRZZ + 1 Projekt	4HRZZ + 1 Projekt	9 HRZZ + 2 Projekt	1 HRZZ	2 HRZZ
Troškove snosi pravna osoba	1	3	1	5		4	2	19	0	5
Samofinanciranje	3	3	2	5	0	3	18	10	0	0
UKUPNO:	8	13	4	13	6	13	31	57	1	13

Tablica 3.9.a. Analiza nezaposlenosti prema podacima Hrvatskog zavoda za zapošljavanje na dan 31. prosinac 2023.

Razina obrazovanja Obrazovni program	prosinac 2015.		prosinac 2016.		prosinac 2017.		prosinac 2018.		prosinac 2019.		prosinac 2020.		prosinac 2021.		prosinac 2022.		prosinac 2023.	
	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	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	0	0	1	0
(51300/52.012) Kemijsko inženjerstvo	6	4	4	4	2	1	1	0	2	0	1	0	0	0	1	0	1	1
(51300/52.010) Kemija i inženjerstvo materijala	2	1	0	0	-	-	1	0	0	0	0	0	0	0	0	0	0	0
(51300/44.012) Primijenjena kemija	-	-	-	-	1	1	-	-	0	0	0	0	0	0	0	0	0	1
(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	1	1	0	4
(51500/44.038) Primijenjena kemija; smjer: Primijenjena organska kemija	5	3	7	5	6	4	11	10	9	6	7	6	9	5	3	1	5	1
(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	4	0	4	0
(51500/52.005) Ekoinženjerstvo	13	8	13	7	23	13	13	10	14	7	20	11	14	6	10	2	8	3
(51500/52.016) Kemija i inženjerstvo materijala	7	3	7	4	9	7	10	6	12	10	17	10	11	6	10	5	3	6

(51500/52.018) Kemijsko inženjerstvo	18	13	18	13	18	14	22	13	13	9	25	17	14	9	15	9	6	7
(4.1) Fakultet, akademija																		
(51001/52.020) Kemijska tehnologija	46	3	29	3	25	2	20	3	15	2	17	2	20	4	22	2	21	1
(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	0	0	0	0
(60900/52.023) Kemijsko inženjerstvo	1	0	1	0	0	0	0	0	2	0	1	0	0	0	3	0	1	0
Ukupni zbroj	108	42	98	45	95	50	80	42	75	36	96	52	77	34	69	20	50	24

IV. NASTAVNIČKI I INSTITUCIJSKI KAPACITETI

Tablica 4.1. Struktura osoblja*

* Stanje 31. prosinca 2023.

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 izboru	24	54					
Redoviti profesori	13	51					
Izvanredni profesori	12	44					
Docenti	12	40					
Nastavna zvanja	4	52					
Znanstveni savjetnik u trajnom zvanju	/	/					
Znanstveni savjetnik	/	/					
Viši znanstveni suradnik	/	/					
Znanstveni suradnik	/	/					
Viši asistenti(VN+HrZZ+EU)	9	34					
Asistenti (VN+HrZZ+EU projekt)	57	29					
Zaposlenici na projektima	/	/					
Stručni suradnici	2	50					
Znanstveni novaci	/	/					
Tehničko osoblje	15	42					
Administrativno osoblje	20	47					
Pomoćno osoblje	19	53					
Ukupno	187	45					

Tablica 4.2. Dinamika zapošljavanja nastavnika u posljednjih pet godina

Godina	Broj novozaposlenih nastavnika	Broj novozaposlenih suradnika	Broj nastavnika kojima je završio radni odnos
2017./2018.	3		0
2018./2019.	7		0
2019./2020.	0		3
2021./2022.*	1		3
2022./2023.	1		0

* Stanje 31. prosinca 2023.

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

Nastavnik	Radno mjesto	Akademski stupanj	Visoko učilište koje je izdalo kvalifikaciju	Polje	Datum posljednjeg izbora	Postotak radnog odnosa	Opterećenje na matičnoj instituciji u normativnim satima (2022./2023.)	Opterećenje na vanjskim institucijama u radnim satima
BABIĆ, SANDRA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 10. 2018.	100		
BOLANČA, TOMISLAV	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	28. 9. 2018.	100		Sveučilište Sjever
BOLE, NENAD	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	25.10.2022.	100		
FINDRIK BLAŽEVIĆ, ZVJEZDANA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	21.4.2023.	100		
GOVORČIN-BAJSIĆ, EMI	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	15. 5. 2018.	100		
HRANJEC, MARIJANA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	21.4.2023.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
IVANKOVIĆ, MARICA	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	21. 12. 2010.	100		
JUKIĆ, ANTE	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28. 9. 2018.	100		Sveučilište Sjever
KOŠUTIĆ, KREŠIMIR	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	11. 10. 2016.	100		
KURAJICA, STANISLAV	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	12. 2. 2013.	100		Sveučilište u Dubrovnik
LESKOVAC, MIRELA	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	12. 12. 2017.	100		
LONČARIĆ-BOŽIĆ, ANA	Redoviti profesor – trajno zvanje	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	24.5.2022.	100		
LUČIĆ BLAGOJEVIĆ, SANJA	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	27. 2. 2018.	100		

MACAN, JELENA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	15.11.2022.	100		
MANDIĆ, ZORAN	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	24.5.2022.	100		
MARTINEZ, SANJA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	12. 12. 2017.	100		
MATJIAŠIĆ, GORDANA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13.9.2022.	100		
MUTAVDŽIĆ PAVLOVIĆ, DRAGANA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	10.10.2023.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
RAIĆ-MALIĆ, SILVANA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	11. 4. 2017.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
ROGOŠIĆ, MARKO	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	19. 5. 2016.	100		
SANDER, ALEKSANDRA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	27. 2. 2018.	100		
ŠKORIĆ, IRENA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	24.5.2022.	100		
TOMAŠIĆ, VESNA	Redoviti profesor u trajnom izboru	dr. sc.	Tehnološki fakultet	kemijsko inženjerstvo	11. 10. 2016.	100		
VIDOVIĆ, ELVIRA	Redoviti profesor u trajnom izboru	dr. sc.	Rheinisch – Westfälische Technische Hochschule Aachen, Njemačka	kemijsko inženjerstvo	11.10.2023.	100		
VUKOVIĆ DOMANOVAC , MARIJA	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	21.4.2023.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
ZELIĆ, BRUNO	Redoviti profesor u trajnom izboru	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 6. 2017.	100		Sveučilište Sjever
AŠPERGER, DANIJEČA	Redoviti profesor	dr.sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	22.1.2019.	100		

GAZIVODA KRALJEVIĆ, TATJANA	Redoviti profesor	dr. sc.	Prirodoslovn o- matematički fakultet	kemija	24.5.2022.	100		Sveučilište Sjever
KRALJIĆ ROKOVIĆ, MARIJANA	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	24.5.2022.	100		
KUŠIĆ, HRVOJE	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	19.10.202 1.	100		Sveučilište Sjever
MEŠTROVIĆ, ERNEST	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	2.5.2023.	100		PMF
OTMAČIĆ ČURKOVIĆ, HELENA	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	24.5.2022.	100		
PRLIĆ KARDUM, JASNA	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	14. 2. 2017.	100		
STEINBERG, IVANA	Redoviti profesor	dr. sc.	Karl – Franzes – Universität Graz, Austrija	kemija	19.10.202 1.	100		
SUTLOVIĆ, IGOR	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	14. 2. 2017.	100		
UKIĆ, ŠIME	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	25.10.202 2.	100		
VRŠALOVIĆ PRESEČKI, ANA	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11. 12. 2018.	100		
VRŠALJKO, DOMAGOJ	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	19.10.202 1.	100		
ŽIŽEK, KRUNOSLAV	Redoviti profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	20.11.202 3.	100		
DANANIĆ, VLADIMIR	Izvanred ni profesor	dr. sc.	Prirodoslovn o- matematički fakultet	fizika	13.7.2020.	100		
DEJANOVIĆ, IGOR	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 1. 2020.	100		
DOLAR, DAVOR	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog	kemijsko inženjerstvo	2. 12. 2019.	100		

			inženjerstva i tehnologije					
FARAGUNA, FABIO	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	10.10.202 2.	100		
KATIĆ, JOZEFINA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	11.12.202 3.	100		
KOSAR, VANJA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	25.4.2022.	100		
KUČIĆ GRGIĆ DAJANA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.10.202 2.	100		
KRATOFIL KREHULA, LJERKA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	2.11.2020.	100		
KRIŠTAFOR, SVJETLANA	Izvanred ni profesor	dr. sc.	Prirodoslovn o- matematički fakultet	kemija	19. 2. 2019.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
MANDIĆ, VILKO	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	19.10.202 2.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
OCELIĆ BULATOVIĆ, VESNA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	interdisciplinir ane znanosti	15.15.202 3.	100		
ROGINA, ANAMARIJA	Izvanred ni profesor	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	temeljne tehničke znanosti	18.12.202 3.	100		
BEGOVIĆ KOVAČ, ERNA	Docent	dr. sc.	Prirodoslovn o- matematički fakultet	matematika	20. 11. 2018.	100		
CVETNIĆ, MATIJA	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	14.12.202 2.	100		
JERKOVIĆ, MIROSLAV	Docent	dr. sc.	Prirodoslovn o- matematički fakultet	matematika	30. 10. 2017.	100		
KASSAL, PETAR	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	22. 5. 2019.	100		
KATANČIĆ, ZVONIMIR	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	4. 3. 2019.	100		

KOVAČIĆ, MARIN	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	4. 3. 2019.	100		
MOVRE ŠAPIĆ, IVA	Docent	dr. sc.	Prirodoslovn o– matematički fakultet	fizika	15.10.2021.	100		
SUDAR, MARTINA	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 5. 2019.	100		
ŠALIĆ, ANITA	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	7.6.2022.	100		
UJEVIĆ ANDRIJIĆ, ŽELJKA	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6.5.2019.	100		
VIDAK, ANDREJ	Docent	dr. sc.	BiH Univerzitet u Sarajevu	fizika	1.10.2023.	100		
VUK, DRAGANA	Docent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	23.3.2020.	100		Hrvatsko vojno učilište "Dr. Franjo Tuđman" u Zagrebu
MARKIĆ, MARINKO	Viši predavač	mr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	22.10.2018.	100		
DEŠPALJ, NAĐA	Viši predavač	dipl. angl.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	filologija	19.9.2022.	100		
	Viši predavač	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	22.10.2018.	100		
	Viši predavač	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kineziologija	26.1.2021.	100		
PERŠUN, JOSIPA								
LASIĆ, LUKA	Stručni suradnik	mr. sc.	Prirodoslovn o– matematički fakultet	matematika	25. 9. 1995.	100		
MATIJAŠEC, DORA	Stručni suradnik	dipl. ing. chem.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	1.2.2009.	100		
BAURER, LEONARD	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.5.2021.	100		
BUŽANČIĆ, MARIN	Viši asistent	dr. sc.	Sveučilište u Zagrebu Prirodoslovn o–	matematika	19.9.2022.	100		

			matematički fakultet					
CAR, FILIP	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	2.4.2023.	100		
HERCEG, SREČKO	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	5.1.2022.	100		
LUKAČ, GORAN	Viši asistent	dr. sc..	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.5.2022.	100		
MUŽINA, KATARINA	Viši asistent	dr. sc,	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	2.4.2023.	100		
PETRAČIĆ, ANA	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28.7.2022.	100		
ŠABIĆ RUNJAVEC, MONIKA	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	26.4.2021.	100		
VISKIĆ, MARKO	Viši asistent - na HrZZ projektu	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	2.5.2023.	100		
TOLIĆ ČOP, KRISTINA	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.12.2023.	100		
ZAGAJSKI KUČAN, KRISTINA	Viši asistent	dr. sc.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.2.2021.	100		
ANELIĆ, RAFAEL	Asistent - doktoran d		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18.8.2023.	100		
BABIĆ VISKOVIĆ, BRUNAA2:I34	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	9. 12. 2019.	100		
BOČEK, ŽELJKA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	11.10.202 3.	100		
BOČEK PAVLINAC, IDA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	18. 2. 2019.	100		
BRLEKOVIĆ, FILIP	Asistent		Sveučilište u Zagrebu Fakultet	kemijsko inženjerstvo	14. 5. 2018.	100		

			kemijskog inženjerstva i tehnologije					
BUBNJAR, KARLO	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	9.12.2022.	100		
ĆURIĆ, IVA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.2.2021.	100		
DRMIĆ, KATARINA MARIJA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	15.5.2023.	100		
GALIĆ, MARINA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	24.1.2023.	100		
KOVAČEC, PETRA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	24.1.2023.	100		
LOVRINČEVI Ć, VILMA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	13. 1. 2020.	100		
MARIĆ, MARINA MONIKA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	24.1.2023.	100		
MARTINJAK, VIKTORIJA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 1. 2020.	100		
MEHEŠ, MARIO	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16.11.202 1.	100		
MIHALINEC, GRGUR	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	5.10.2022.	100		
MIKIĆ, DAJANA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	6. 3. 2017.	100		
MILOLOŽA, MARTINA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	18. 2. 2019.	100		
MLAKIĆ, MILENA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	19. 6. 2020.	100		
MOROVIĆ, SILVIA	Asistent		Sveučilište u Zagrebu	kemijsko inženjerstvo	22. 10. 2019.	100		

			Fakultet kemijskog inženjerstva i tehnologije					
PAPAC ZJAČIĆ, JOSIPA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	16.4.2018.	100		
PERŠIĆ, ANA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	6. 2. 2017.	100		
PIŠKOR, MARTINA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	9. 12. 2019.	100		
PREBEG, TEODORA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13.12.202 1.	100		
PRŠIR, KRISTINA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	1. 10. 2015.	100		
RIMAC, NIKOLA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1. 10. 2019.	100		
SACHER, JOSIP	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.2.2021.	100		
SEJDIĆ, MARKO	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	44839	100		
SKENDROVIĆ, DINO	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	3. 1. 2019.	100		
SOKAČ, KATARINA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.5.2022 1	100		
SOKOL, IVANA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 4. 2018.	100		
ŠTEFANOVIĆ, ELZA	Asistent - zamjena		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	2.11.2021.	100		
ŠOIĆ, IVANA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	16. 4. 2018.	100		

TONKOVIĆ, STEFANI	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	21. 10. 2020.	100		
ZOKIĆ, IVA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13.12.2021.	100		
ŽUŽIĆ, ANDREJA	Asistent		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	13. 1. 2020.	100		
BAFTI, ARIJETA	Asistent - doktorand HrZZ		Prirodoslovno-matematički fakultet	kemija	10. 9. 2020.	100		
BERA, INES	Asistent - doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.8.2021.	100		
BEČ, ANJA	Asistent - doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	18.2.2019.	100		
BOŽIČEVIĆ, MARIN	Asistent - doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28.10.2020.	100		
BULE MOŽAR, KRISTINA	Asistent - doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	15.9.2020.	100		
CAKAR MEHMET MERVAN	Asistent - doktorand			kemijsko inženjerstvo	15.11.2021.	100		
CINGESAR, IVAN KARLO	Asistent - doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.9.2020.	100		
DORNJAK, LUKA	Asistent -HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.8.2021.	100		
ERCEGOVIĆ, MATEJ	Asistent - doktorand		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	1.6.2021.	100		
FIKET, LUCIJA	Asistent - doktorand HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	28.10.2020.	100		
GAVRAN, MATEA	Asistent - doktorand		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	5.1.2021.	100		
GOTOVUŠA, MIA	Asistent -		Sveučilište u Zagrebu Fakultet	kemijsko inženjerstvo	28.10.2020.	100		

	doktoran d HrZZ		kemijskog inženjerstva i tehnologije					
IVKOVIĆ, IVANA KATARINA	Asistent – doktoran d HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	11.2.2019.	100		
KAPITANOVIĆ , ANGELA	Asistent – doktoran d HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.9.2020.	100		
KRIVAČIĆ, SARA	Asistent – doktoran d HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	6.4.2021.	100		
LEAKOVIĆ, EMERIK	Asistent – doktoran d		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjersvo	16.7.2021.	100		
LONČAREVIĆ, ANDREA	Asistent – HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjersvo	6.4.2021.	100		
MARKOVIĆ, MARIJAN – PERE	Asistent – doktoran d HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjersvo	1.8.2021.	100		
MATEŠA, LORENA	Asistent – doktoran d		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjersvo	16.7.2021.	100		
PERKOVIĆ, ANA	Asistent – doktoran d HrZZ		Prirodoslovn o– matematički fakultet	matematika	28.10.202 0.	100		
PUCKO, IVAN	Asistent – doktoran d HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	28.10.202 0.	100		
PULITKA, ANAMARIJA	Asistent – doktoran d HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjersvo	1.8.2021.	100		
RADIĆ, GABRIJELA	Asistent – doktoran d HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjerstvo	10.9.2020.	100		
RADOVANOV IĆ-PERIĆ, FLOREN	Asistent – doktoran d HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjersvo	1.2.2021.	100		
RAKAS, ANJA	Asistent – doktoran d HrZZ		Prirodoslovn o– matematički fakultet	kemija	28.10.202 0.	100		
REP KAULIĆ, VALENTINA	Asistent – doktoran d HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	18.2.2019.	100		

RUKAVINA, MARKO	Asistent - doktoran d Hrzz		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjersvo	21.2.2022.	100		
ŠEKORANJA, LUCIJA	Asistent - doktoran d		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženejrsvo	2.2.2021.	100		
ŠPOLJARIĆ, ANDREA	Asistent - doktoran d HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemijsko inženjersvo	20.10.202 1.	100		
ZUBAK, MARKO	Asistent - doktoran d HrZZ		Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije	kemija	26.10.202 1.	100		

* Stanje 31. prosinca 2023.

Tablica 4.4. Dinamika zapošljavanja nastavnika u posljednjih pet godina

Godina	Broj novozaposlenih nastavnika	Broj nastavnika kojima je završio radni odnos
2017./2018.	3	0
2018./2019.	7	0
2019./2020.	0	3
2020./2021.	0	1
2021./2022.	1	1

* Stanje 31. prosinca 2022.

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	-
2022./2023.	Stručna	1	0	2	0
	Znanstvena	7	4	4	2
2023./2024.	Stručna	1	2	2	0
	Znanstvena	3	6	9	4

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
2022./2023.	0	0
2023./2024.	1	0

Tablica 4.8. Prostorni kapacitet i opremljenost prostora računalnom opremom

		broj/broj računala	Kvadrati
A	Predavaonice	15/15 + 60 NB	670 + 3 Vijećnice u Zagrepčanki
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	168/447	5075 + Savska 41

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 angažiranje 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 (eur)	Godina nabave
DSC SUSTAV	102.920,00	2023.
TGA SUSTAV	105.400,00	2023.
MULTIKANALNI UREĐAJ ZA CIKLIRANJE BATERIJA	61.250,00	2023.
ANALITIČKI UREĐAJ ICP-MS	179.552,00	2023.
ANALITIČKI UREĐAJ FTIR	109.120,00	2023.
ANALITIČKI UREĐAJ TOC	34.695,20	2023.
ANALITIČKI UREĐAJ UHPLC+SFC+Q+TOF	781.177,68	2023.
ANALITIČKI UREĐAJ HPLC-RID	61.752,00	2023.
ANALITIČKI UREĐAJ UHPLC	741.520,00	2023.
UREĐAJ ZA AUTOMATSKO MJERENJE KINEMATIČKE VISKOZNOSTI OTOPINA	32.916,25	2023.
TEKUĆINSKI KROMATOGRF	37.250,00	2024.
KIDALICA	45.623,75	2024.
HIBRIDNI UREĐAJ ZA MEMBRANSKU OBRADU VODA	87.400,00	2024.

- U tablicu se piše oprema čija nabavna vrijednost prelazi 26.544,57 eura

Tablica 4.10. Opremljenost knjižnice

Ukupna površina (u m ²)	196
Broj zaposlenog stručnog knjižničnog osoblja u knjižnici (VU)	1
Ukupan broj svezaka knjiga	125.283
Čitaonica u sklopu knjižnice (broj / kvadrata)	14/-
Ukupan broj naslova udžbenika obvezne literature	78
Ukupan broj svezaka udžbenika obvezne literature	561
Ukupan broj tiskanih inozemnih časopisa koje knjižnica ima u fondu	383
Ukupan broj tiskanih domaćih časopisa koje knjižnica ima u fondu	50
Broj elektroničkih časopisa s cjelovitim tekstom kojima institucija osigurava pristup	36.609
Broj bibliografskih baza financiranih sredstvima sveučilišta/institucije	0

Tablica 4.11. Financijska evaluacija – prihodi

		2023. kalendarska godina (eur)	2024. kalendarska godina (eur)
	PRIHODI		
1.	PRIHODI IZ DRŽAVNOG PRORAČUNA	25.546.852,83	14.488.607,17
1.1.	Plaće za zaposlene	4.985.327,62	6.123.020,30
1.2.	Troškovi poslovanja (uključivo i terenska nastava)	0	0
1.3.	Vanjska suradnja u nastavi	0	0
1.4.	Domaći znanstveni projekti	1.016.246,77	1.462.729,01
1.5.	Međunarodni znanstveni projekti	1.226.286,60	2.121.422,36
1.6.	Međunarodna suradnja	0	0
1.7.	Organizacija znanstvenih skupova	0	0
1.8.	Nabava časopisa	0	0
1.9.	Tekuće održavanje	0	0
1.10.	Izgradnja i investicijsko održavanje- obnova Fakulteta	17.634.398,52	3.835.975,13
1.11.	Oprema	0	0
1.12.	Ukupno ostale vrste prihoda	684.593,32	945.460,37
2.	PRIHODI IZ PRORACUNA OSTALIH JAVNIH IZVORA	0	0
2.1.	Prihodi i pomoći od jedinica lokalne uprave i samouprave (grad, županija, itd.)	0	0
2.2.	Prihodi i pomoći ostalih subjekata (primjerice Hrvatska zaklada za znanost)	0	0
2.3.	Ukupno ostale vrste	0	0
3.	PRIHODI OD KAMATA	25,06	8,47
4.	PRIHODI OD VLASTITE DJE LATNOSTI	554.592,40	619.848,85
4.1.	Školarine – poslijediplomske specijalističke	17.101,75	7.798,89
4.2.	Školarine – poslijediplomske doktorske	26.267,88	44.047,78
4.3.	Znanstveni projekti	0	0
4.4.	Stručni projekti	0	0
4.5.	Prihodi od najma	0	0
4.6.	Ukupno ostale vrste prihoda	511.222,77	568.002,18
5.	PRIHODI PO POSEBNIM PROPISIMA	281.060,70	360.675,28
5.1.	Školarine – preddiplomske, diplomske, stručne	236.351,26	321.035,65
5.2.	Dodatna provjera posebnih znanja, vještina i sposobnosti (ako se provodi uz ispite državne mature)	0	0
5.3.	Naknade za upis	25.539,44	26.129,73
5.4.	Izdavačka djelatnost	0	0
5.5.	Naplate studentskih molbi, potvrđnica, diplome, indeksi itd.	12.217,08	13.509,90
5.6.	Ukupno ostale vrste prihoda	4.952,92	0
6.	OSTALI NESPOMENUTI PRIHODI	376,68	24,95
A	UKUPNO PRIHODI	26.382.907,67	15.469.164,72

Tablica 4.12. Financijska evaluacija – rashodi

		2023. kalendarska godina (eur)	2024. kalendarska godina (eur)
	RASHODI		

1.	RASHODI ZA ZAPOSLENE	6.119.552,13	7.190.282,66
1.1.	Plaće za zaposlene	5.090.886,22	5.978.888,83
1.2.	Vanjska suradnja u nastavi	0	0
1.3.	Ukupno ostalo	1.028.665,91	1.211.393,83
2.	RASHODI ZA MATERIJAL I ENERGIJU	651.407,87	467.029,17
2.1.	Uredski materijal i ostali materijalni rashodi	8.489,06	10.242,70
2.2.	Laboratorijski materijal	187.995,64	178.485,57
2.3.	Energija	242.802,10	105.777,81
2.4.	Materijal i dijelovi za tekuće i investicijsko održavanje	72.786,15	60.040,79
2.5.	Sitni inventar	49.648,98	30.720,82
2.6.	Ukupno ostalo	89.685,94	81.761,48
3.	RASHODI ZA USLUGE	1.696.212,17	1.140.072,89
3.1.	Telefon, pošta, prijevoz	20.100,41	21.809,11
3.2.	Usluge tekućeg i investicijskog održavanja	76.222,69	77.138,37
3.3.	Promidžba i informiranje	24.866,06	22.618,87
3.4.	Komunalne usluge	61.600,68	82.921,55
3.5.	Zakup, najam	570.119,40	388.961,19
3.6.	Intelektualne i osobne usluge (ugovori o djelu, honorari)	435.599,86	146.775,53
3.7.	Računalne usluge	25.219,05	25.146,83
3.8.	Ukupno ostalo	482.484,02	374.701,44
4.	RASHODI ZA NEFINANCIJSKU IMOVINU	15.814.225,01	5.863.866,11
4.1.	Poslovni objekti	0	0
4.2.	Računalna oprema	42.387,60	60.892,76
4.3.	Laboratorijska oprema	2.423.831,58	346.795,75
4.4.	Uredska oprema	463.930,73	33.218,59
4.5.	Komunikacijska oprema	0	0
4.6.	Ostala oprema	0	0
4.7.	Literatura	3.182,34	3.212,21
4.8.	Ulaganja u postrojenja, strojeve i ostalu opremu	0	0
4.9.	Dodatna ulaganja na građevinskim objektima	12.880.892,76	5.419.746,80
4.10.	Ukupno ostalo	0	0
5.	NAKNADE TROŠKOVA ZAPOSLENIMA	410.689,35	343.404,68
5.1.	Službena putovanja	215.665,40	159.650,83
5.2.	Stručna usavršavanja	60.757,33	45.326,47
5.3.	Ukupno ostalo uključujući i troškove prijevoza	134.266,62	138.427,38
6.	OSTALI NESPOMENUTI RASHODI POSLOVANJA	556.554,88	390.553,83
6.1.	Premije osiguranja	8.774,95	9.418,73
6.2.	Reprezentacija	34.081,33	33.629,28
6.3.	Članarine	7.696,76	6.850,80
6.4.	Bankarske i usluge platnog prometa	4.610,25	4.126,37
6.5.	Kamate	2,62	0
6.6.	Ostali financijski izdaci	501.388,97	336.528,65
A	UKUPNI RASHODI	25.248.641,41	15.395.209,34

Tablica 4.13b. Vanjski angažman nastavnika Fakulteta u nastavi drugih učilišta u zadnjih 5 godina

Nastavnik	Akademski godina Kolegij	Naziv vanjskog učilišta	Broj sati
Prof. dr. sc. Danijela Ašperger	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	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u zimskom semestru
	2021./2022. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	7 sati predavanja i 10 sati vježbi
Prof. dr. sc. Tomislav Bolanča	2019./2020.	Sveučilište Sjever	
Dr. sc. Lidija Furač, viši predavač	2018./2019. Kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	60 sati predavanja i 8 sati vježbi u ljetnom semestru
Prof. dr. sc. Tatjana Gazivoda Kraljević	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	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u zimskom semestru
	2019./2020.	Sveučilište Sjever	
	2020./2021. Primijenjena organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja
	2021./2022. Primijenjena organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja
	2021./2022. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	7 sati seminara
Prof. dr. sc. Marijana Hranjec	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	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja
	2021./2022. Primijenjena organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja
	2021./2022. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	7 sati predavanja
Prof. dr. sc. Ante Jukić	2019./2020. Razvojni trendovi ambalažnih materijala	Diplomski sveučilišni studij Ambalaža Sveučilište Sjever	30 sati predavanja i 15 sati seminara
Izv. prof. dr. sc. Svjetlana Krištafor	2018./2019. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	16 sati predavanja u zimskom semestru
	2018./2019. Kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	60 sati predavanja u ljetnom semestru
	2021./2022. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	8 sati predavanja
Prof. dr. sc. Stanislav Kurajica	2018./2019. Tehnologija materijala - metal i keramika	Prediplomski Studij Konzervacija-restauracije Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2019./2020. Tehnologija materijala - metal i keramika	Prediplomski Studij restauracije i konzervacije Sveučilišta u Dubrovniku	30 sati predavanja u zimskom semestru
	2021./2022. Uvod u materijale i tehnologiju metala	Prediplomski studij Konzervacija – restauracija Sveučilišta u Dubrovniku	30 sati predavanja u ljetnom semestru
	2021./2022. Uvod u materijale i tehnologiju keramike	Prediplomski studij Konzervacija – restauracija Sveučilišta u Dubrovniku	30 sati predavanja u ljetnom semestru
	2022./2023. Uvod u materijale i tehnologiju metala	Prediplomski studij Konzervacija – restauracija Sveučilišta u Dubrovniku	30 sati predavanja u ljetnom semestru
	2022./2023. Uvod u materijale i tehnologiju keramike	Prediplomski studij Konzervacija – restauracija Sveučilišta u Dubrovniku	30 sati predavanja u ljetnom semestru
Prof. dr. sc. Hrvoje Kušić	2019./2020.	Sveučilište Sjever	

Nastavnik	Akadska godina Kolegij	Naziv vanjskog učilišta	Broj sati
Prof. dr. sc. Dragana Mutavdžić Pavlović	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	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u zimskom semestru
	2021./2022. Suvremene metode analize i određivanje strukture spojeva	Diplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	8 sati predavanja i 10 sati vježbi
izv., prof. dr. sc. Vilko Mandić	2020./2021. NBK zaštita	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja i 7 sati seminara
	2020./2021. RBK detekcija, identifikacija i monitoring	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	45 sati predavanja
	2020./2021. Toksične industrijske tvari	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja i 8 sati vježbi
	2020./2021. Upravljanje kriznim NBKO situacijama	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	30 sati predavanja
Prof. dr. sc. Silvana Raić-Malić	2019./2020. Organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati predavanja u zimskom semestru
Doc. dr. sc. Dragana Vuk	2019./2020. Organska kemija	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	15 sati seminara u zimskom semestru
	2019./2020. NBK ORUŽJE	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	50 sati predavanja u zimskom semestru
Prof. dr. sc. Marija Vuković Domanovac	2019./2020. NBK ORUŽJE	Prediplomski sveučilišni studij Vojno inženjerstvo Sveučilišta u Zagrebu	25 sati predavanja u zimskom semestru
Prof. dr. sc. Bruno Zelić	2019./2020.	Sveučilište Sjever	
Nađa Dešpalj, dipl. ang.	2021./2022. Engleski jezik u graditeljstvu II	Tehničko veleučilište u Zagrebu	1 sat predavanja i 4 sata auditornih vježbi tjedno
izv. prof. dr. sc. Vesna Ocelić Bulatović	2021./2022. Opasne tvari u okolišu	Prediplomski sveučilišni studij Metalurgija i prediplomski sveučilišni studij Sigurnost, zdravlje na radu i radni okoliš	9 sati predavanja i 4 sata seminara
	2022./2023. Metode i tehnike zaštite životnog i radnog okoliša	Prediplomski sveučilišni studij Metalurgija i prediplomski sveučilišni studij Sigurnost, zdravlje na radu i radni okoliš	15 sati predavanja i 15 sati seminara
	2022./2023. Sigurnost kemijskih procesa i proizvoda	Prediplomski sveučilišni studij Metalurgija i prediplomski sveučilišni studij Sigurnost, zdravlje na radu i radni okoliš	15 sati predavanja i 8 sati seminara
prof. dr. sc. Ernest Meštrović	2022./2023. Govorništvo u službi javnog nastupa	Sveučilište u Zagrebu Prirodoslovno – matematičko mišljenje	16 sati predavanja

* Stanje 31. prosinca 2023.

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	Prediplomski studiji 2011./2012.	3,96	0,77	89
	Prediplomski studiji 2012./2013.	3,68	1,09	73
	Prediplomski studiji 2013./2014.	3,97	0,79	75
	Prediplomski studiji 2014./2015.	4,07	0,78	116
	Prediplomski studiji 2015./2016.	3,87	0,74	99
	Prediplomski studiji 2016./2017.	3,88	0,81	94
	Prediplomski studiji 2017./2018.	3,90	0,80	126
	Za 2018./2019. nisu dostavljeni podatci sa SuZ	-	-	-
	Prediplomski studiji 2019./2020.	3,90	0,85	124
	Prediplomski studiji 2020./2021.	3,81	0,78	160
	Prediplomski studiji 2021./2022.	3,85	0,79	218
	Prediplomski studiji 2022./2023.	3,75	0,75	127
Korisnost predavanja za razumijevanje zadanih	Diplomski studiji 2011./2012.	4,13	0,77	69
	Diplomski studiji 2012./2013.	4,29	0,72	52

sadržaja	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
	Diplomski studiji 2020./2021.	-	-	-
	Diplomski studiji 2021./2022.	4,06	0,79	210
	Diplomski studiji 2022./2023.	3,86	0,70	118
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
	Preddiplomski studiji 2020./2021.	3,90	0,87	162
Praktični rad na vježbama (seminarima) i mogućnost praktične provjere stečenih znanja i vještina	Preddiplomski studiji 2021./2022.	3,89	0,87	221
	Preddiplomski studiji 2022./2023.	3,97	0,82	127
	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
	Diplomski studiji 2020./2021.	-	-	-
	Diplomski studiji 2021./2022.	3,82	0,91	212
	Diplomski studiji 2022./2023.	3,67	0,89	118

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
Koji 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
Koji 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 (Eur)
2023.	Rendgenska difrakcijska analiza uzoraka SC, Top soil, River sand, Mac Ore 1 i Mac ore 2	1				600,00			600,00
2023.	FT-IR spektroskopija, mjerenje debljine, mjerenje dimenzija i spektrofotometrija uz izradu izvještaja za dva dostavljena uzorka	1					516,00		516,00
2023.	Ispitivanje kapljevina za odleđivanje zrakoplova	1				55,00			55,00
2023.	Izrada stručnog mišljenja o tehnologiji obrade na osnovi idejnog rješenja, Izrada stručnog mišljenja o emisijama u zrak na osnovi idejnoj rješenja	4	2.000,00						2.000,00
2023.	Određivanje specifične površine BET metodom	1	133,00						133,00
2024.	Ispitivanje kapljevina za odleđivanje zrakoplova - stanica Pula (PUY)	1				110,00			110,00
2024.	Određivanje ekotoksičnosti u uzorcima opeke i aktivnog mulja	1	600,00						600,00
2024.	SEM analiza	1				200,00			200,00
2024.	Utvrđivanje sastava, stabilnosti i veličine čestica dva emulgirana sustava (TGA, DSC, DLS, Zetapotencijal, NMR, Mikroskop, FTIR) i izrada izvještaja	2				980,00			980,00
2024.	SEM analiza	1				1.600,00			1.600,00
2024.	DSC analiza	1	700,00						700,00
2024.	Kvalitativna analiza infracrvenom spektroskopijom s Fourierovom transformacijom	1				125,00			125,00
2024.	Određivanje gustoće i kinematičke viskoznosti, Priprema uzoraka destilacijom, uzorkovanje i određivanje indeksa refrakcije pri 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60	1				1.280,00			1.280,00
2024.	Izrada izračuna i usporedbe vrijednosti godišnjih emisija u zrak iz objekta za gospodarenje zaraznim medicinskim otpadom KBC-a temeljem Ugovora	4	9.350,00						9.350,00
2024.	Mjerenje koncentracije metana na odlagalištu otpada Prudinec/Jakuševac i u okolici odlagališta	2					750,00		750,00
2024.	Ispitivanje kapljevina za odleđivanje zrakoplova - viskoznost, indeks loma, pH	1				110,00			110,00
2024.	Development of Pressure Swing Adsorption (PSA) system for the separation of carbon dioxide (CO2) from a mixture of combustion gasses (flue gas) for 10kW scale.	2				24.945,00			24.945,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (Eur)
2024.	Analiza uzoraka gustoća, viskoznost, FTIR i izrada izvještaja	1	603,00						603,00
2024.	Raspodjela veličina čestica, Određivanje specifične površine BET metodom	3				519,00			519,00
2024.	Određivanje koncentracije sumporovodika (H ₂ S) na odlagalištu otpada Jakuševac-Prudinec i u okolici odlagališta.	1					300,00		300,00
2024.	Analiza uzoraka tehnikama TGA, CHN te izrada izvještaja i davanje mišljenja	2				670,00			670,00
2024.	Određivanje specifične površine BET metodom	1	133,00						133,00
2024.	Određivanje kemijskog sastava uzoraka dielektričnog ulja iz rashladnog sustava baterija	2				5.460,00			5.460,00
2024.	Usluga identifikacije alkoholne komponente	1				600,00			600,00
2024.	Raspodjela veličina čestica metodom laserske difrakcije	2	240,00						240,00
2024.	Raspodjela veličina čestica metodom laserske difrakcije	1	80,00						80,00
2024.	Određivanje specifične površine BET metodom	1	266,00						266,00
2023.	Usluga kemijsko-tehnološkog vještačenja	2		1.600,00		400,00			2.000,00
2024.	Analiza uzoraka FTIR, DSC i TGA te pisanje ekspertize-stručnog mišljenja	1				500,00			500,00
2024.	Analiza uzoraka metalurški mikroskop, Izrada izvještaja i davanje mišljenja, Analiza uzoraka TGA analizom, Analiza uzoraka SEM	1				894,00			894,00
2024.	Priprema 1L otopine raspona 55-65 Brix stupnjeva od minimalno 30 L otopine od 3 Brix stupnjeva	2				1.800,00			1.800,00
2024.	Toplinsko-kalorimetrijska analiza A i B komponenti smole EP38B - DSC i TGA tehnikama, Toplinsko-kalorimetrijska analiza DSC i TGA tehnikama većeg broja uzoraka umrežene i polimerizirane smole EP38B, Stručno mišljenje	5				3.600,00			3.600,00
2024.	Određivanje specifične površine BET metodom	1	399,00						399,00
2024.	Termogravimetrijska analiza uzoraka "Dolomit"	1	80,00						80,00
2024.	Revizija radnih uputa, obuka operatera, troškovi dolaska i boravka predavača	3				21.138,60			21.138,60
2024.	Analiza PET regranulata, pisanje izvješća i davanje mišljenja	2				810,00			810,00
2024.	Određivanje lakohlapivih organskih tvari u uzorku PET-a	2				390,00			390,00
2024.	Analiza PET regranulata, pisanje izvješća i davanje mišljenja	2				810,00			810,00
2024.	TGA analize	2	344,00						344,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (Eur)
2024.	Analiza i optimizacija procesa proizvodnje prematerijala u proizvodnji cjevaka	1				2.534,40			2.534,40
2024.	Specifikacija i razvoj ispitnih režima za baterijske ćelije korištenjem AVL-ovih uređaja za ispitivanje, Savjetovanje prilikom izrade	7				2.070,00			2.070,00
2024.	Stručno mišljenje o usporedbi fizikalnih sastava materijala obzirom na površine	2				200,00			200,00
2024.	FTIR analize	2	490,00						490,00
2024.	SEM analiza	1				300,00			300,00
2024.	DSC analiza	2				375,00			375,00
2024.	Izrada elaborata – Analiza nominacija laboratorijske opreme CGO Biljane Donje	8				497,71			497,71
2024.	Tabletiranje Kompleksin smjese	4				425,00			425,00
2024.	Analiza uzoraka DSC analizom, Analiza uzoraka TGA analizom, Analiza rezultata i mišljenje	1				410,00			410,00
2024.	Provedba postupka biotransformacije koristeći 100mikrograma enzima (jedna šarža od 100mikrograma)	2				3.200,00			3.200,00
2024.	Istraživanje i razvoj izolacije baze spoja internog naziva	2				750,00			750,00
2024.	Istraživanje topljivosti i razvoj modela temperature ovisnosti odabranih koformera	4				965,00			965,00
2024.	FTIR analiza, DSC analiza, TGA analiza, izrada izvještaja i davanje mišljenja	2				300,00			300,00
2024.	Analiza kapljevine - viskoznost i površinska napetost	1				300,00			300,00
2024.	Ispitivanje uzoraka diferencijalno pretražnom kalorimetrijom - OIT	1				645,53			645,53
2024.	Određivanje raspodjele veličina čestica metodom laserske difrakcije	1	480,00						480,00
2024.	Određivanje specifične površine BET metodom	2	399,00						399,00
2024.	Određivanje naspine gustoće uskladištenog otpada	1	160,00						160,00
2024.	Međulaboratorijska usporedna ispitivanja metodom "E-002 VIA Test" te izrada izvješća	2				200,00			200,00
2024.	FTIR analiza, DSC analiza, TGA analiza, izrada izvještaja i davanje mišljenja	4				300,00			300,00
2024.	Analiza uzoraka na kidalici, Izrada izvještaja	2	368,00						368,00
2024.	Analiza uzoraka optičkom mikroskopijom	1				300,00			300,00
2024.	Mjerenje koncentracije metana na odlagalištu otpada Jakuševac/Prudinec i u okolici odlagališta	4					998,00		998,00
2024.	Analiza uzoraka optičkom mikroskopijom	2				80,00			80,00

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (Eur)
2024.	Ekspertiza kompozitnog uzorka	2				680,00			680,00
2024.	Izvrješće o pregledu tehničke specifikacije opreme za instrument za analizu mikroplastike u vodi	4	2.000,00						2.000,00
2024.	Razvoj metode za određivanje benzoil peroksida i benzena u farmaceutskim proizvodima	2				9.600,00			9.600,00
2024.	Tabletiranje Kompleksin smjese	1				851,20			851,20
2024.	DSC analiza	1				600,00			600,00
2024.	Ispitivanje sredstava za odleđivanje zrakoplova TipI (indeks loma, pH)	1				80,00			80,00
2024.	Priprema uzoraka silanske emulzije, Analiza silanske emulzije, Priprema uzoraka otopine sapuna, Analiza otopine sapuna, Analiza rezultata i mišljenje	7				8.880,00			8.880,00
2024.	Izrada jednostavnog CAD modela i njegov 3D-ispis	1				100,00			100,00
2024.	TGA analiza	1	800,00						800,00
2024.	TGA analiza	2				720,00			720,00
2024.	Analiza realnih cijena analize fizikalno-kemijskih i kemijskih pokazatelja kakvoće vode prema Uredbi o standardu kakvoće vode i Višegodišnjem programu usklađenja monitoringa 2022.-2024., Hrvatske vode, 2023.	5	2.450,00						2.450,00
			22.075,00	1.600,00	-	102.960,44	2.564,00	-	129.199,44

Tablica 4.15. Skupovi (sredstva naplaćena tijekom kalendarske 2024.)

God. početka	Projekt (naziv)	Trajanje projekta (mjeseci)	Državni proračun	Proračun lokalnih jedinica	Međunarodni fondovi	Gospodarstvo (privatni sektor)	Gospodarstvo – javna poduzeća	Ostalo	UKUPNO (Eur)
2024	Japansko – hrvatski simpozij	1				7.500,00			7.500,00

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	Interna oznaka prostorije (laboratorija/praktikuma)	Površina (m ²)	Broj radnih mjesta za studente	Broj sati korištenja u tjednu	Ocjena opremljenosti (1 – 5)
Marulićev trg 19/ podrum	Laboratorij studentski III (2304)	51,73	12	34	5
Marulićev trg 19/ podrum	Prostorija za pripremu/sterilizaciju (2305)	15,31			5
Marulićev trg 19/prizemlje	Laboratorij studentski (1109)	96,53	32	30	3
Marulićev trg 20/podrum	Laboratorij studentski III (1320)	160,57	24	20	3
Marulićev trg 20/podrum	Laboratorij IV (1616)	37,09	6	14	2
Marulićev trg 20/podrum	Laboratorij II (1509)	74,41	24	20	3
Marulićev trg 20/prizemlje	Laboratorij I (1210)	164,84	48	40	2
Marulićev trg 20/prizemlje	Laboratorij II (1209)	164,85	32	20	2
Marulićev trg 20/prizemlje	Laboratorij za instrumentalnu i procesnu analizu (1202)	78,91	10	30	3
Marulićev trg 20/prizemlje	Laboratorij za kemijsku analizu okoliša (1205)	53,12	5	50	4
Marulićev trg 20/prizemlje	Laboratorij I (1306)	56,30	8	40	4
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 VII1718	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

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/II	Laboratorij za polimere i polimerizacijske procese I(1909)	51,09	18	20	2
Savska cesta 16/II	Laboratorij za bojila i premaze II (1911)	49,46	15	20	3
Savska cesta 16/II	Laboratorij za ekoinženjerstvo III (1916)	17,27	5	40	4
Savska cesta 16/II	Laboratorij za petrokemijsko inženjerstvo I (2008)	22,86	5	40	3
Savska cesta 16/III	Laboratorij za sonooksidacijske procese VII (1930)	12,40	2	20	4
Savska cesta 16/III	Laboratorij FTIR-TGA IV (1928)	12,03	2	40	4
Savska cesta 16/III	Laboratorij fizikalni za polimerne materijale VI (1923)	11,54	2	25	5
Savska cesta 16/III	Laboratorij fizikalni za polimerne materijale V (1922)	10,54	2	25	5
Savska cesta 16/III	Laboratorij za naftno procesno inženjerstvo II (2009)	34,21	5	40	3
Savska 16/III	Laboratorij za adheziju i adhezive I (2406)	12,60	6	25	5
Savska cesta 16/5A	Laboratorij II (2107)	34,48	4	4	4
Savska cesta 16/5A	Laboratorij studentski I (2101)	56,80	12	10	4
Ukupno		2289,73			

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

Tablica 4.23. Prostor koji se koristi samo za stručni rad

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

V. ZNANSTVENA / UMJETNIČKA DJELATNOST

Tablica 5.1. Bibliografija na instituciji (u 2023.)

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**	692	432	2,04
Ostali radovi sukladno Pravilniku o uvjetima za izbor u znanstvena zvanja**	43	21	0,13
Autorstvo inozemno izdanih knjiga**	0	0	0
Autorstvo domaćih knjiga**	4	1	0
Poglavlja u knjigama**	11	3	0,03
Uredništva knjiga**	10	4	0,03
Stručni radovi**	19	8	0,06
Recenzirani radovi sa znanstvenih i stručnih skupova**	133	64	0,39
Radovi nastavnika institucije u časopisima vaše institucije	27	14	0,08
Ukupan broj citata visokog učilišta (navesti bazu, bez samocitata)	48.304 (Web of Science Corre Collection)		
Ukupan h-indeks visokog učilišta (navesti bazu, bez samocitata)	93 (Web of Science Corre Collection)		
Link na Crosbi	https://www.croris.hr/crosbi/searchByContext/1/85		
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 5.3. 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
Dizajn i 3D-ispis mikroreaktorskih sustava za Industriju 4.0	15.12.2023. – 14.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	199.083 €	199.083 €
Integrirani mikrosustav za enzimatsku proizvodnju biovodika	31.12.2023. – 14.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	164.084 €	164.084 €
Nosivi optički kemijski senzori za multimodalno određivanje biomarkera	18.12.2023. – 17.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	198.746 €	198.746 €
Novi N-heterocikli i njihovi kompleksi s antitumorskim i antitripanoskim djelovanjem	18.12.2023. – 17.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	193.755 €	193.755 €
Okolišni aspekti SARS-CoV-2 antivirusika	18.12.2023. – 17.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	166.700 €	166.700 €
Razvoj polimera s otiskom molekula za primjenu u analizi farmaceutika i tijekom naprednih postupaka obrade voda	18.12.2023. – 17.12.2027.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanosti	Istraživački projekti	Nositelj	194.439 €	194.439 €
Decoding novel reaction chemistries in biocatalysis – Training Europe's next visionaries for a sustainable future	1.1.2023.- 31.12.2026.	znanstveni	Projektno financiranje	Europska komisija	Obzor Europa	Partner	232.632 €	2.629.994 €
Bridging the Gap Between Biotechnology and Industry: Integrating Design Thinking and Flipped Learning	30.12.2022.- 29.12.2024.	Međunarodna mobilnost		Europska komisija	Erasmus	Partner	31.700 €	250.000 €
Water reuse and membrane separation processes for reliable and sustainable water supply	1.11.2023. – 1.11.2026.	znanstveni	Projektno financiranje	NATO		Nositelj	246.950 €	341.000 €
Imobilizacija enzima i njihova primjena u proizvodnji kemikalija i obradi otpadnih voda	2023.-2024.	bilateralni	Projektno financiranje	MZO	Bilateralni projekt s Slovenijom	Nositelj	2.000 €	2.000 €
Proučavanje utjecaja modifikacija granice faza na svojstva 1D-	2023.-2024.	bilateralni	Projektno financiranje	MZO	Bilateralni projekt s Slovenijom	Nositelj	2.000 €	2.000 €

nanostrukturiranih tankih slojeva s primjenom u solarnim ćelijama								
Utilising new advanced approaches to derive metal-decorated porous composite bodies and films for electrocatalysis in fuel cells	2023.-2024.	bilateralni	Projektno financiranje	MZO	Bilateralni projekt s Francuskom	Nositelj	5.022 €	5.022 €
Bioaktivni kompozitni materijali za inženjerstvo koštanog tkiva	2023.-2024.	bilateralni	Projektno financiranje	MZO	Bilateralni projekt s Njemačkom	Nositelj	6.000 €	6.000 €
Razvoj nanostrukturiranih kompozita metalno-oksidnih filmova i polimernih nanopredložaka pripravljenih 3D printanjem visoke rezolucije te nanošenjem metodom ablacije iskrom za pripravu filmova s optički selektivnim svojstvima	1.1.2022.–31.12.2023.	znanstveni	Projektno financiranje	MZO	Bilateralni projekt s Austrijom	Nositelj	6.750 €	6.750 €
BioFragrance: Enzimsko inženjerstvo i procesno inženjerstvo u sintezi mirisnih spojeva iz obnovljivih izvora	1.1.2022.–31.12.2023.	znanstveni	Projektno financiranje	MZO	Bilateralni projekt s Austrijom	Nositelj	6.750 €	6.750 €
DigiChem: Creating a Digital Study Environment for Sustainable Chemistry	1.2.2022.–31.1.2025.	Međunarodna mobilnost		Europska komisija	Erasmus	Partner	42.700 €	256.122 €
High Energy Calcium-Oxygen Batteries	1.9.2022.–31.8.2025.	znanstveni	Projektno financiranje	NATO		Nositelj	173.900 €	349.500 €
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	27.000 €	27.000 €
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, Research and Innovation Action	partner	487.095,00 €	6.004.308,75 €

C-C Bond Formation Using Top Performing Enzymes	1.3.2021.–28.2.2025.	znanstveni	Projektno financiranje	Europska komisija	Obzor 2020, Marie-Curie akcija	Su-koordinatorka	237.367,08 €	3.971.466,72 €
Razvoj inovativnih primera iz otpadne emulzije	1.1.2021. – 31.12.2023.	znanstveni	Projektno financiranje	Europska komisija	Europski strukturni i investicijski fondovi	partner	2.427.094,37 kn	11.375.077,88 kn
Razvoj potopljenog agregata za male hidroelektrane s niskim padom vode	2020.–2023.	znanstveni	Projektno financiranje	Europska komisija	Europski strukturni i investicijski fondovi	partner	3.017.268,6 kn	36.860.063,44 kn
Pametni sustavi za dostavu lijeka pri liječenju tumora kosti	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 pripreme 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	1.1.2020.–31.12.2022.	znanstveni	Projektno financiranje	Ministarstvo znanosti i obrazovanja		nositelj	15.000 kn	60.000 kn

prirodne baštine: tehnologija obnove i praćenja ekološkog stanja								
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 te fizikalnim metodama nanošenja	1.1.2020.-31.12.2022.	znanstveni	Projektno financiranje	Ministarstvo znanosti i obrazovanja		nositelj	75.000 kn	150.000 kn
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	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

naprednom sklapanju filmova kompozitnih materijala								
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, Marie Curie akcija	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 bioizosterima 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 biorektorsko 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	1.3.2017.-28.2.2021.	znanstveni	Projektno financiranje	Hrvatska zaklada za znanost	Istraživački projekti	nositelj	992.841 kn	992.841 kn

primjene u inženjerstvu košanog 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
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, Innovation action	partner	544.260 Eur	9.251.355 Eur
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
Napredno vođenje procesa kristalizacije	1.12.2020.-31.12.2023.	Infrastrukt urni	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.	Infrastrukt urni	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.	Infrastrukt urni	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.	Infrastrukt urni	Projektno financiranje	Europska komisija Vlastita sredstva ustanove	Europski fond za regionalni razvoj	partner	1.059.490,6 kn	12.300.603 kn
Stabilizacija halogenhidrin-dehalogenaza radi upotrebe u nekonvencionalnim medijima	1.1.2020.-31.12.2022	Međunaro dna mobilnost	Projektno financiranje	Ministarstvo znanosti i obrazovanja	Program znanstveno-tehnološke suradnje između Republike Hrvatske i Republike Slovenije	nositelj	14.876 kn	14.876 kn

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	5	5*	217+164	11+7
Inženjerska kemija	4	4*		
Kemijsko inženjerstvo i primijenjena kemija	57	57*		

* Zahtijeva se minimalno jedan rad u inozemnom znanstvenom časopisu

** 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.	KIPK	Tomić	Antonija	Lončarić Božić Ana	10.01.2023
2.	KIPK	Mehić	Emina	Majerić Elenkov Maja, Findrik Blažević Zvezdana	24.02.2023
3.	IK	Đurina	Vedran	Vrsaljko Domagoj	05.04.2023
4.	KIPK	Tolić Čop	Kristina	Mutavdžić Pavlović Dragana	06.04.2023
5.	KIPK	Jakopec	Silvio	Raić-Malić Silvana, Kirin Srećko	12.04.2023
6.	KIPK	dela Rosa	Francis Monserrata	Kušić Hrvoje, Petrović Mira	17.04.2023
7.	KIPK	Gutiérrez Pulpeiro	Marina	Verlicchi Paola, Mutavdžić Pavlović Dragana	28.04.2023
8.	KIPK	Milčić	Nevena	Findrik Blažević Zvezdana, Majerić Elenkov Maja	09.05.2023
9.	KIPK	Bohač	Mario	Juraić Krunoslav, Kassal Petar	01.06.2023
10.	KIPK	Beč	Anja	Hranjec Marijana	13.06.2023
11.	KIPK	Boček Pavlinac	Ida	Hranjec Marijana	20.07.2023
12.	KIPK	Mlakić	Milena	Škorić Irena	10.11.2023
13.	KIPK	Mandić	Lucija	Šegota Suzana, Rogošić Marko	01.12.2023
14.	KIPK	Ivković	Ivana Katarina	Kurajica Stanislav	12.12.2023
15.	KIPK	Miloloža	Martina	Kučić Grgić Dajana, Ukić Šime	14.12.2023
16.	KIPK	Sokol	Ivana	Gazivoda Kraljević Tatjana	20.12.2023
17.	KIP	Raić	Matea	Ivanda Mile, Mandić Vilko	6.12.2022.
18.	KIP	Komar	Mario	Molnar Maja, Gazivoda Kraljević Tatjana	4.11.2022.
19.	KIP	Car	Filip	Tomašić Vesna	30.9.2022.
20.	KIP	Tkalčević	Marija	Mičetić Maja, Kurajica Stanislav	6.9.2022.
21.	KIP	Gojun	Martin	Zelić Bruno	21.7.2022.
22.	KIP	Mužina	Katarina	Kurajica Stanislav	21.7.2022.
23.	KIP	Bertagna Silva	Danilo	Babić Sandra, Buttiglieri Gianluigi	21.7.2022.
24.	KIP	Kojić	Vedran	Gajović Andreja, Mutavdžić Pavlović Dragana	28.6.2022.
25.	KIP	Zeljko	Martina	Lučić Blagojević Sanja	15.6.2022.
26.	KIP	Paut	Andrea	Kassal Petar, Prkić Ante	10.6.2022.
27.	KIP	Kurajica	Livia	Ujević Bošnjak Magdalena, Babić Sandra	26.5.2022.
28.	KIP	Radić	Irena	Babić Sandra	8.4.2022.
29.	KIP	Lukač	Goran	Dejanović Igor	17.2.2022.
30.	KIP	Nikl	Hrvoje	Bolanča Tomislav, Rogošić Marko	21.12.2021.
31.	KIP	Petračić	Ana	Sander Aleksandra	6.12.2021.
32.	KIP	Lukić	Marija	Vrsaljko Domagoj	11.11.2021.
33.	KIP	Aničić	Maja	Samardžić Mirela	27.10.2021.
34.	KIP	Herceg	Srećko	Bolf Nenad	30.9.2021.
35.	KIP	Zečević	Nenad	Bolf Nenad	19.7.2021.
36.	KIP	Mitar	Anamarija	Prlić Kardum Jasna	18.6.2021.
37.	KIP	Bernat	Robert	Ukić Šime, Capan Ivana	11.6.2021.
38.	KIP	Matić	Petra	Jakobek Barron Lidija, Ukić Šime	3.6. 2021.
39.	KIP	Gretić	Matija	Matijašić Gordana	23. 4. 2021.
40.	KIP	Bauer	Leonard	Ivanković Marica	8. 4. 2021.

	Studij	Prezime	Ime	Mentor_DR	Dat_obr_DR
41.	KIP	Sigurnjak Bureš	Marija	Ukić Šime	12. 2. 2021.
42.	KIP	Vukušić	Tina	Milardović Stjepan†, Prkić Ante	29.1.2021.
43.	KIP	Kos	Jasna	Sipos Laszlo, Bogut Irella	22.1.2021.
44.	KIP	Panžić	Ivana	Gajović Andreja, Macan Jelena	7.1.2021.
45.	KIP	Šabić Runjavec	Monika	Marija Vuković Domanovac	3. 12. 2020.
46.	KIP	Zagajski Kučan	Kristina	Marko Rogošić	20. 11. 2020.
47.	KIP	Ressler	Antonia	Hrvoje Ivanković, Inga Urlić	13. 11. 2020.
48.	KIP	Ivanišević	Irena	Stjepan Milardović†	26. 10. 2020.
49.	KIP	Grgičević	Ana	Irena Škorić	9. 10. 2020.
50.	KIP	Cetina	Ivana	Irina Pucić, Danijela Ašperger	29. 6. 2020.
51.	KIP	Lovinčić Milovanović	Vedrana	Domagoj Vrsaljko	29. 5. 2020.
52.	KIP	Dabić	Dario	Sandra Babić	12. 5. 2020.
53.	KIP	Švarc	Anera	Ana Vrsalović Presečki	13. 3. 2020.
54.	KIP	Racar	Marko	Davor Dolar	28. 2. 2020.
55.	KI	Ribić	Bojan	Nenad Bolf, Dinko Sinčić	6. 2. 2020.
56.	KIP	Mrđa Lalić	Marina	Sanja Martinez	17.12.2019.
57.	IK	Coha	Ivana	Danijela Ašperger, Željko Grahek	30.10.2019.
58.	KI	Juretić Perišić	Daria	Ana Lončarić Božić	4.10.2019.
59.	KIP	Česnik	Morana	Zvezdana Findrik Blažević	4.10.2019.
60.	KI	Plavac	Bojan	Sanja Papić †, Ana Lončarić Božić	4.10.2019.
61.	IK	Maračić	Silvija	Silvana Raić-Malić	18.7.2019.
62.	KI	Polovina	Saša	Igor Dejanović, Mirko Stijepović	10.5.2019.
63.	KI	Mimica Tkalčec	Marijana	Mirela Leskovac	25.4.2019.
64.	KIP	Gilja	Vanja	Zlata Hrnjak-Murčić	10.4.2019.
65.	IK	Assarian	Arezo	Sanja Martinez	20.3.2019.
66.	KIP	Cvetnić	Matija	Tomislav Bolanča	18.1.2019.

Djevojačka prezimena doktorandica i mentorica

Doktorandice:

1. Boček Pavlinac Ida, r. Boček (2023)
2. Ivković Ivana Katarina, r. Munda (2023)
3. Mlakić Milena, r. Dragojević (2023)
4. Raić Matea, r. Vrdoljak (2022)
5. Paut Andrea, r. Sedlar (2022)
6. Radić Irena, r. Raić (2022)
7. Matić Petra, r. Krivak (2021)
8. Sigurnjak Bureš Marija, r. Sigurnjak (2021)
9. Grgičević Ana, r. Ratković (2020)
10. Lovinčić Milovanović Vedrana, r. Lovinčić (2020)
11. Šabić Runjavec Monika, r. Šabić (2020)
12. Zagajski Kučan Kristina, r. Zagajski (2020)
13. Maračić Silvija, r. Korunda (2019)
14. Juretić Perišić Daria, r. Juretić (2019)
15. Coha Ivana, r. Milanović (2019)
16. Česnik Katulić Morana, r. Česnik (2019)
17. Mrđa Marina, dio radova pod prezimenom Mrđa Lalić (2019)
18. Mimica Tkalčec Marijana, r. Mimica (2019)
19. Gilja Vanja, r. Šute (2019)

Mentorice:

1. Mičetić Maja, r. Buljan
2. Urlić Inga, r. Marijanović

Tablica 5.7. Popis radova doktoranada povezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC u razdoblju 1.1.2019. – 31.12.2023.) (za tablicu 5.6.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STU DIJ
1.	Basioli, Lovro; Salamon, Krešimir; Tkalčević, Marija; Mekterović, Igor; Bernstorff, Sigrid; Mičetić, Maja. Application of GISAXS in the investigation of three-dimensional lattices of nanostructures. // <i>Crystals</i> , 9 (2019), 9; 479, 13	2,404 (2019.)	KIP

2.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Ukić, Šime; Bolanča, Tomislav; Rasulev, Bakhtiyor; Kušić, Hrvoje; Lončarić Božić, Ana. Toxicity of aromatic pollutants and photooxidative intermediates in water: a QSAR study. // <i>Ecotoxicology and environmental safety</i> . 169 (2019) ; 918-927	4,872 (2019.)	KIP , KI
3.	Cvetnić, Matija; Novak Stankov, Mirjana; Kovačić, Marin; Ukić, Šime; Bolanča, Tomislav; Kušić, Hrvoje; Rasulev, Bakhtiyor; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Key structural features promoting radical driven degradation of emerging contaminants in water. // <i>Environment international</i> . 124 (2019) ; 38-48	7,577 (2019.)	KIP
4.	Cesnik, Morana; Sudar, Martina; Roldan, Raquel; Hernandez, Karel; Parella, Teodor; Clapés, Pere; Charnock, Simon; Vasić-Rački, Đurđa; Findrik Blažević, Zvezdana. Model-based optimization of the enzymatic aldol addition of propanal to formaldehyde: a first step towards enzymatic synthesis of 3-hydroxybutyric acid. // <i>Chemical engineering research & design</i> . 150 (2019) ; 140-152	3,350 (2019.)	KIP
5.	Dabić, Dario; Babić, Sandra; Škorić, Irena. The role of photodegradation in the environmental fate of hydroxychloroquine. // <i>Chemosphere</i> . 230 (2019) ; 268-277	5,778 (2019.)	KIP
6.	Gilja, Vanja; Katančić, Zvonimir; Kratožil Krehula, Ljerka; Mandić, Vilko; Hrnjak-Murgić, Zlata Efficiency of TiO ₂ catalyst supported by modified waste fly ash during photodegradation of RR45 dye. // <i>Science and engineering of composite materials</i> . 26 (2019) , 1; 292-300	0,700 (2019.)	KIP
7.	Gilja, Vanja; Katančić, Zvonimir; Mandić, Vilko; Peternel, Igor; Kušić, Hrvoje; Hrnjak-Murgić, Zlata. The role of fly ash in solar photocatalytic water treatment. // <i>Desalination and water treatment</i> . 139 (2019) ; 23-38	0,854 (2019.)	KIP
8.	Gojun, Martin; Pustahija, Lucija; Jurinjak Tušek, Ana; Šalić, Anita; Valinger, Davor; Zelić, Bruno. Kinetic parameter estimation and mathematical modelling of lipase catalysed biodiesel synthesis in a microreactor. // <i>Micromachines</i> . 10 (2019) ; 759, 18	2,523 (2019.)	KIP
9.	Herceg, Srećko; Ujević Andrijić, Željka; Bolj, Nenad. Development of soft sensors for isomerization process based on support vector machine regression and dynamic polynomial models. // <i>Chemical engineering research & design</i> . 149 (2019) ; 95-103	3,350 (2019.)	KIP
10.	Ivanišević, Irena; Kassal, Petar; Milinković, Andrea; Rogina, Anamarija; Milardović, Stjepan. Combined chemical and thermal sintering for high conductivity inkjet-printed silver nanoink on flexible substrates. // <i>Chemical and biochemical engineering quarterly</i> . 33 (2019) , 3; 377-384	0,960 (2019.)	KIP
11.	Jakobek, Lidija; Matić, Petra. Non-covalent dietary fiber - polyphenol interactions and their influence on polyphenol bioaccessibility. // <i>Trends in food science & technology</i> . 83 (2019) , 235-247	11,077 (2019.)	KIP
12.	Komar, Mario; Molnar, Maja; Konjarević, Anastazija. Screening of natural deep eutectic solvents for green synthesis of 2-methyl-3-substituted quinazolinones and microwave-assisted synthesis of 3-aryl quinazolinones in ethanol. // <i>Croatica chemica acta</i> , 92 (2019), 4; 511-517	0,812 (2019.)	KIP
13.	Kratožil Krehula, Ljerka; Stjepanović, Jasmina; Perlog, Martina; Krehula, Stjepko; Gilja, Vanja; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata. Conducting polymer polypyrrole and titanium dioxide nanocomposites for photocatalysis of RR45 dye under visible light. // <i>Polymer bulletin</i> . 76 (2019) , 4; 1697-1715	2,014 (2019.)	KIP
14.	Lovinčić Milovanović, Vedrana; Hajdinjak, Ivana; Lovriša, Ivona; Vrsaljko, Domagoj. The influence of the dispersed phase on the morphology, mechanical and thermal properties of PLA/PE-LD and PLA/PE-HD polymer blends and their nanocomposites with TiO ₂ and CaCO ₃ . // <i>Polymer engineering and science</i> . 59 (2019), 7; 1395-1408	1,917 (2019.)	KIP
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Tablica 5.8. Popis radova doktoranada nepovezanih s disertacijom (prije i nakon obrane, u bazi podataka WoSCC u razdoblju 1.1.2019. – 31.12.2023.) (za tablicu 5.6.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	STUD IJ
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138.	Mrakić, Milena; Cipor, Ivona; Kovačec, Petra; Kragol, Goran; Ratković, Ana; Kovačević, Tatjana; Zdravac, Rahela; Milašinović, Valentina; Molčanov, Krešimir; Piantanida, Ivo; Škorić, Irena. The benzothiazine core as a novel motif for DNA-binding small molecules. // <i>Molecules</i> , 28 (2023), 11; 4499, 16	4,2 (2023.)	KIP
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140.	Očelić Bulatović, Vesna; Kučić Grgić, Dajana; Mandić, Vilko; Miloloža, Martina; Dybal, Jiri; Gajdosova, Veronika; Slouf, Miroslav. Biodegradation of LDPE_TPS blends under controlled composting conditions. // <i>Polymer bulletin</i> , 80 (2023), 3; 3331-3357	3,1 (2023.)	KIP
141.	Papac, Josipa; Garcia Ballesteros, Sara; Tonković, Stefani; Kovačić, Marin; Tomić, Antonija; Cvetnić, Matija; Kušić, Hrvoje; Senta, Ivan; Terzić, Senka; Ahel, Marijan; Wang, Zhaohui; Lončarić Božić, Ana. Degradation of pharmaceutical memantine by photo-based advanced oxidation processes: Kinetics, pathways and environmental aspects. // <i>Journal of environmental chemical engineering</i> , 11 (2023), 2; 109334, 13	7,4 (2023.)	KIP
142.	Petrović, B.; Martin R.; Romero, A. M.; Askounis, P.; Buchana, L.; Rossi, F.; Bernat, Robert; Alves, J.G. EURADOS ISO/IEC 17025 guidance for IMS: suggestions on how to interpret and implement the requirements including examples from accredited laboratories. // <i>Radiation protection dosimetry</i> , 199 (2023), 15-16; 1707-1709	0,8 (2023.)	KIP

143.	Plenča, Karla; Cvetnić, Sara; Prskalo, Helena; Kovačić, Marin; Cvetnić, Matija; Kušić, Hrvoje; Matusinović, Zvonimir; Kraljić Roković, Marijana; Genorio, Boštjan; Lavrenčić Štangar, Urška; Lončarić Božić, Ana. Biomass pyrolysis-derived biochar: a versatile precursor for graphene synthesis. // <i>Materials</i> , 16 (2023), 24; 7658, 17	3,1 (2023.)	KIP
144.	Racané, Livio; Zlatić, Katarina; Cindrić, Maja; Mehić, Emina; Karminski-Zamola, Grace; Taylor, Martin C.; Kelly, John M.; Raić-Malić, Silvana; Radić Stojković, Marijana; Kralj, Marijeta; Hranjec, Marijana. Synthesis and biological activity of 2-benzo[b]thienyl and 2-bithienyl amidino-substituted benzothiazole and benzimidazole derivatives. // <i>ChemMedChem</i> , 18 (2023), 18; e202300261, 13	3,6 (2023.)	KIP
145.	Racar, Marko; Soljić Jerbić, Ivana; Glasovac, Zoran; Jukić, Ante. Guanidine catalysts for biodiesel production: Activity, process modelling and optimization. // <i>Renewable energy</i> , 202 (2023), 1046-1053	9,0 (2023.)	KIP
146.	Rastija, Vesna; Vrandečić, Karolina; Cosić, Jasenka; Kanižai Sarić, Gabriella; Majić, Ivana; Agić, Dejan; Šubarić, Domagoj; Karnaš, Maja; Bešlo, Drago; Brahmabhatt, Harshad; Komar, Mario. Antifungal activities of fluorinated pyrazole aldehydes on phytopathogenic fungi, and their effect on entomopathogenic nematodes, and soil-beneficial bacteria. // <i>International journal of molecular sciences</i> , 24 (2023), 11; 9335, 22	4,9 (2023.)	KIP
147.	Ribić, Bojan; Voća, Neven. Biowaste as a feedstock for biogas production - a case study. // <i>Energy sources, part A-recovery utilization and environmental effects</i> , 45 (2023), 2; 3970-3979	2,3 (2023.)	KI
148.	Sadžak, Anja; Mandić, Lucija; Strasser, Vida; Segota, Suzana. Use of atomic force microscopy for characterization of model membranes and cells. // <i>Periodicum biologorum</i> , 125 (2023), 1-2; 101-113	0,2 (2023.)	KIP
149.	Schauperl, Zdravko; Ivanković, Luka; Bauer, Leonard; Solić, Sanja; Ivanković, Marica. Effects of different surface treatments of woven glass fibers on mechanical properties of an acrylic denture base material. // <i>International journal of molecular sciences</i> , 24 (2023), 2; 909, 11	4,9 (2023.)	KIP
150.	Sharifi, Tayebbeh; Salamon, Krešimir; Bohač, Mario; Peter, Robert; Čižmar, Tihana; Petravić, Mladen; Jurać, Krunoslav; Grčić, Ivana; Gajović, Andreja. Photocatalytic properties of semi-transparent W _x Ti _{1-x} O ₂ thin films for water treatment. // <i>Catalysis today</i> , 413-415 (2023), 113904, 7	5,2 (2023.)	KIP
151.	Sigurnjak Bureš, Marija; Maslov Bandić, Luna; Vlahoviček-Kahlina, Kristina. Determination of bioactive components in mandarin fruits: a review. // <i>Critical reviews in analytical chemistry</i> , 53 (2023), 7; 1489-1514	4,2 (2023.)	KIP
152.	Šabić Runjavec, Monika; Vuković Domanovac, Marija; Jukić, Ante. Application of industrial wastewater and sewage sludge for biohydrogen production. // <i>Energies</i> , 16 (2023), 5; 2383, 15	3,0 (2023.)	KIP
153.	Šitum, Željko; Herceg, Srećko; Bolf, Nenad; Ujević Andrijić, Željka. Design, construction and control of a manipulator driven by pneumatic artificial muscles. // <i>Sensors</i> , 23 (2023), 2; 776, 14	3,4 (2023.)	KIP
154.	Stiglič, Jurica; Ujević Bošnjak, Magdalena; Héry, Marina; Kurajica, Livia; Kinsela, Andrew S; Casiot, Corinne; Capak, Krunoslav. Bacterial diversity across four drinking water distribution systems in Croatia: impacts of water management practices and disinfection by-products. // <i>FEMS microbiology, ecology</i> , 99 (2023), 1; 1-15	3,5 (2023.)	KIP
155.	Tucaković, Ivana; Karanović, Gorana; Coha, Ivana; Pavičić-Hamer, Dijana; Grahek, Željko. Radionuclides in commercial children's food consumed in Croatia. // <i>Food control</i> , 145 (2023), 109413, 6	5,6 (2023.)	IK
156.	Zlatić, Gloria; Martinović, Ivana; Pilić, Zora; Paut, Andrea; Mitar, Ivana; Prkić, Ante; Čulum, Dušan. Green inhibition of corrosion of aluminium alloy 5083 by <i>Artemisia annua</i> L. extract in artificial seawater. // <i>Molecules</i> , 28 (2023), 7; 2898-2917	4,2 (2023.)	KIP
157.	Kurajica, Stanislav; Mandić, Vilko; Mužina, Katarina; Panžić, Ivana; Kralj, Damir; Duplančić, Marina; Ivković, Ivana Katarina. Thermal stability and properties of Pd/CeAlO ₃ catalyst prepared by combustion synthesis // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 20; 10481-10490. doi: 10.1007/s10973-023-12233-x	4,4 (2023.)	KIP
158.	Panžić, Ivana; Mandić, Vilko; Mangalam, Jimmy; Rath, Thomas; Radovanović-Perić, Floren; Gaboardi, Mattia; de Coen, Brend; Bals, Sara; Schrenker, Nadine, In-situ structural degradation study of quadruple-cation perovskite solar cells with nanostructured charge transfer layer // <i>Ceramics international</i> , 49 (2023), 14 B; 24475-24486. doi: 10.1016/j.ceramint.2022.12.222	5,2 (2023.)	KIP
159.	Bafti, Arijeta; Rukavina, Marko; Mandić, Vilko; Panžić, Ivana; Pavić, Luka; Krajnc, Andraž; Volavšek, Janez, Monitoring of the conductivity properties with respect to the development of geopolymer network // <i>Ceramics international</i> , 49 (2023), 14 B; 24598-24610. doi: 10.1016/j.ceramint.2023.01.090	5,2 (2023.)	KIP
160.	Mandić, Vilko; Panžić, Ivana; Brnardić, Ivan; Jajčinović, Igor; Mičetić, Maja, Lateral and vertical evolution of the compositional and morphological profiles in nanostructured photocatalytic titania thin films // <i>Applied surface science</i> , 613 (2023), 156047, 27. doi: 10.1016/j.apsusc.2022.156047	6,7 (2023.)	KIP
161.	Mandić, Vilko; Kurajica, Stanislav; Panžić, Ivana; Bafti, Arijeta; Šipušić, Juraj; Mužina, Katarina; Brleković, Filip; Gigli, Lara; Gaboardi, Mattia, Utilization of conventional PXRD apparatus for characterization of thin-films using reconsidered equations for XRR // <i>Surfaces and interfaces</i> , 36 (2023), 102554, 10. doi: 10.1016/j.surfin.2022.102554	6,2 (2023.)	KIP

162.	Bafti, Arijeta; Mandić, Vilko; Panžić, Ivana; Pavić, Luka; Špada, Vedrana CdSe QDs modified cellulose microfibrils for enhanced humidity sensing properties // <i>Applied surface science</i> , 612 (2023), 155894, 10. doi: 10.1016/j.apsusc.2022.155894	6,7 (2023.)	KIP
163.	Mandić, Vilko; Radovanović-Perić, Floren; Panžić, Ivana; Vrsaljko, Domagoj Addressing of different synthetic and shaping approaches for β -tri calcium phosphate macro-microporous scaffold fabrication // <i>Ceramics international</i> , 49 (2023), 9 B; 14934-14940. doi: 10.1016/j.ceramint.2022.10.010	5,2 (2023.)	KIP
164.	Mandić, Vilko; Panžić, Ivana; Kraljić Roković, Marijana; Gaboardi, Mattia Breakdown of the anodized nanostructured anatase for photovoltaic devices: The effect of water content in the electrolyte on preparation of large surfaces of nanotubes // <i>Ceramics international</i> , 49 (2023), 9 B; 14844-14854. doi: 10.1016/j.ceramint.2022.07.254	5,2 (2023.)	KIP

Tablica 5.9. Popis radova doktoranada povezanih s disertacijom (prije i nakon obrane, u bazi podataka SCOPUS, bez onih u WoSCC u razdoblju 1.1.2019. – 31.12.2023.) (za tablicu 5.6.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Scopus</i>	IF	STU DIJ
1.	Car, Filip; Sušec, Ivan; Tomašić, Vesna. Preparation and testing of cordierite monolithic catalysts for oxidation of aromatic volatile organic compounds. // <i>Chemical engineering transactions</i> . 86 (2021), 673-678	-	KIP
2.	Preißinger, Ulrich; Lukač, Goran; Dejanović, Igor; Grützner, Thomas. Impact of various feed properties on the performance of a control system for a multiple dividing wall column pilot plant. // <i>ChemEngineering</i> . 5 (2021), 2; 29, 2	-	KIP
3.	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
4.	Tomić, Antonija; Kušić, Hrvoje; Bolanča, Tomislav; Lončarić Božić, Ana. Nova mikroonečišćivala u vodenom okolišu. // <i>Hrvatske vode</i> , (2021), 118; 241-254	-	KIP
5.	Žužić, Andrea; Macan, Jelena. Permanganometric determination of oxygen nonstoichiometry in manganites, <i>Open Ceramics</i> 5 (2021) 100063	-	KIP
6.	Car, Filip; Brnadić, Gabriela; Tomašić, Vesna; Vrsaljko, Domagoj. Advanced preparation method of monolithic catalyst carriers using 3D-printing technology. // <i>Progress in additive manufacturing</i> , 7 (2022), 4; 797-808	-	KIP
7.	Ressler, Antonia; Kamboj, Nikhil; Ivanković, Hrvoje; Irina, Hussainova. Optimisation of trabecular bone mimicking silicon-hydroxyapatite based composite scaffolds processed through selective laser melting. // <i>Open ceramics</i> , 10 (2022), 100252, 10	-	KIP
8.	Ressler, Antonia; Kamboj, Nikhil; Ledinski, Maja; Rogina, Anamarija; Urlić, Inga; Hussainova, Irina; Ivanković, Hrvoje; Ivanković, Marica. Macroporous silicon-wollastonite scaffold with Sr/Se/Zn/Mg-substituted hydroxyapatite/chitosan hydrogel. // <i>Open ceramics</i> , 12 (2022), 100306, 9	-	KIP
9.	Zečević, Nenad. Energy intensification of steam methane reformer furnace in ammonia production by application of digital twin concept. // <i>International journal of sustainable energy</i> . 41 (2022), 1; 12-28	-	KIP
10.	Bertagna Silva, Danilo; Buttiglieri, Gianluigi; José Farré, Maria; Babić, Sandra. Transformation products of contaminants of emerging concern in water by UV-based processes. // <i>Water practice & technology</i> , 18 (2023), 9; 2182-2192	1,6 (2023.)	KIP
11.	Bule Možar, Kristina; Miloloža, Martina; Martinjak, Viktorija; Cvetnić, Matija; Očelić Bulatović, Vesna; Mandić, Vilko; Bafti, Arijeta; Ukić, Šime; Kučić Grgić, Dajana; Bolanča, Tomislav. Bacteria and yeasts isolated from the environment in biodegradation of PS and PVC microplastics: screening and treatment optimization. // <i>Environments</i> , 10 (2023), 12; 207, 21	3,5 (2023.)	KIP

Tablica 5.10. Popis radova doktoranada nepovezanih s disertacijom (prije i nakon obrane, u bazi podataka SCOPUS, bez onih u WoSCC u razdoblju 1.1.2019. – 31.12.2023.) (za tablicu 5.6.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Scopus</i>	IF	STU DIJ
1.	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

2.	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
3.	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
4.	Komar, Mario; Prašnikar, Fran; Gazivoda Kraljević, Tatjana; Aladić, Krunoslav; Molnar, Maja. 3-Amino-2-methylquinazolin-4-(3H)-one Schiff bases synthesis - a green chemistry approach - a comparison of microwave and ultrasound promoted synthesis with mechanosynthesis. // <i>Current green chemistry</i> , 8 (2021), 1; 62-69	-	KIP
5.	Maslov Bandić, Luna; Sigurnjak Bureš, Marija; Vlahoviček-Kahlina, Kristina; Jurić, Slaven; Duralija, Boris. Profile of organic acids and synephrine in Satsuma mandarins. // <i>Acta horticulturae</i> , 1353 (2022), 1; 53-58	-	KIP
6.	Molnar, Maja; Komar, Mario; Jerković, Igor. N ² ,N ⁶ -Bis(6-iodo-2-methyl-4-oxoquinazolin-3(4H)-yl)pyridine-2,6-dicarboxamide. // <i>Molbank</i> , 2022 (2022), 4; M1500	-	KIP
7.	Molnar, Maja; Komar, Mario; Jerković, Igor. Methyl 2-((3-(3-methoxyphenyl)-4-oxo-3,4-dihydroquinazolin-2-yl)thio)acetate. // <i>Molbank</i> , 2022 (2022), 3; M1434	-	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
Ante Jukić, Zvezdana Findrik Blažević, Sanja Lučić Blagojević, Nenad Bolf, Petra Kurajica, Nevena Milčić (urednici) Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije Istraživačko-razvojni projekti 2017.-2022.	Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije Zagreb, 2023., 140
Gordana Matijašić Uvod u mehaničko procesno inženjerstvo	Hrvatsko društvo kemijskih inženjera i tehnologa i Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2022., 221
Irena Skorić, Marijana Hranjec (urednice) Zavod za organsku kemiju 1922. – 2022. (monografija)	Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2022., 205
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 Kurtanek Modeliranje u kemijskom inženjerstvu	Hrvatsko društvo kemijskih inženjera i tehnologa i Fakultet kemijskog inženjerstva i tehnologije, Zagreb, 2019., 554

Tablica 5.13. Popis svih publikacija u 2022., 2023. prema WoSCC-u i SCOPUS-u.

WoSCC – 2022.

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection</i> (WoSCC)	IF	Petogodišnji IF	JCR predmetno područje časopisa	Kvarti 1	Medijan IF
1.	Agaj, Andrea; Peršurić, Željka; Kraljević Pavelić, Sandra. Mediterranean food industry by-products as a novel source of phytochemicals with a promising role in cancer prevention. // <i>Molecules</i> , 27 (2022), 24; 8655, 29	4,6 (2022.)	4,9 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,7 (2022.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
2.	Anđelović Sara; Božinović, Marko; Čurić, Željka; Šalić, Anita; Jurinjak Tušek, Ana; Zagajski Kučan, Kristina; Rogošić, Marko; Radović, Mia; Cvjetko Bubalo, Marina; Zelić, Bruno. Deep eutectic solvents for biodiesel purification in a microextractor: solvent preparation, selection and process optimization. // <i>Bioengineering</i> , 9 (2022), 11; 665, 21	4,6 (2022.)	-	ENGINEERING, BIOMEDICAL	Q2	3,6 (2022.)
3.	Ašperger, Danijela; Gavranić, Marija; Prišlin, Barbara; Rendulić, Nera; Šikuten, Iva; Marković, Zvezdana; Babić, Bruna; Maletić, Edi; Karoglan Kontić, Jasminka; Preiner, Darko; Tomaz, Ivana. Optimization of microwave-assisted extraction and matrix solid-phase dispersion for the extraction of polyphenolic compounds from grape skin. // <i>Separations</i> , 9 (2022), 9; 235, 19	2,6 (2022.)	2,7 (2022.)	CHEMISTRY, ANALYTICAL	Q3	2,9 (2022.)
4.	Babić, Bruna; Andrić, Darko; Farkaš, Anamarija; Vuk, Dragana; Ašperger, Danijela; Dolar, Davor. Behavior of mebendazole during NF/RO adsorption and photolysis. // <i>Membranes</i> , 12 (2022), 9; 888, 15	4,2 (2022.)	4,3 (2022.)	CHEMISTRY, PHYSICAL	Q2	3,5 (2022.)
				ENGINEERING, CHEMICAL	Q2	3,2 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				POLYMER SCIENCE	Q2	2,9 (2022.)

5.	Bafti, Arijeta; Kubuki, Shiro; Ertap, Hüseyin; Yüksek, Mustafa; Karabulut, Mevlüt; Moguš-Milanković, Andrea; Pavić, Luka. Electrical transport in iron phosphate-based glass-(ceramics): Insights into the role of B ₂ O ₃ and HfO ₂ from model-free scaling procedures. // <i>Nanomaterials</i> , 12 (2022), 4; 639, 18	5,3 (2022.)	5,4 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,7 (2022.)
				PHYSICS, APPLIED	Q1	2,7 (2022.)
6.	Bai, Cui-Bing; Zhang, Lei-Yang; Wang, Nai-Xing; Yan, Zhan; Wu, Yue-Hua; Xu, Bao-Cai; Liu, Ning; Wang, Bo-Zhou; Tomašić, Vesna. Chiral NADH model: design, synthesis, asymmetric reduction reaction, and fluorescence characteristics. // <i>Letters in organic chemistry</i> , 19 (2022), 10; 827-831	0,8 (2022.)	0,7 (2022.)	CHEMISTRY, ORGANIC	Q4	2,3 (2022.)
7.	Beč, Anja; Mioč, Marija; Bertoša, Branimir; Kos, Marija; Debgović, Patricia; Kralj, Marijeta; Starčević, Kristina; Hranjec, Marijana. Design, synthesis, biological evaluation and QSAR analysis of novel N-substituted benzimidazole derived carboxamides. // <i>Journal of enzyme inhibition and medicinal chemistry</i> , 37 (2022), 1; 1327-1339	5,6 (2022.)	5,2 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,7 (2022.)
				CHEMISTRY, MEDICINAL	Q1	3,7 (2022.)
8.	Begić, Gabrijela; Petković Didović, Mirna; Lučić Blagojević, Sanja; Jelovica Badovinac, Ivana; Žigon, Jure; Perčić, Marko; Cvijanović Peloza, Olga; Gobin, Ivana. Adhesion of oral bacteria to commercial d-PTFE membranes: Polymer microstructure makes a difference. // <i>International journal of molecular sciences</i> , 23 (2022), 6; 2983, 22	5,6 (2022.)	6,2 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,7 (2022.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
9.	Begović Kovač, Erna. Hybrid CUR-type decomposition of tensors in the Tucker format. // <i>BIT numerical mathematics</i> , 62 (2022), 1; 125-138	1,5 (2022.)	1,7 (2022.)	COMPUTER SCIENCE, SOFTWARE ENGINEERING	Q3	2,5 (2022.)
				MATHEMATICS, APPLIED	Q2	1,3 (2022.)
10.	Bertagna Silva, Danilo; Buttiglieri, Gianluigi; Babić, Bruna; Ašperger, Danijela; Babić, Sandra. Performance of TiO ₂ /UV-LED-based processes for degradation of pharmaceuticals: Effect of matrix composition and process variables. // <i>Nanomaterials</i> , 12 (2022), 2; 295, 25	5,3 (2022.)	5,4 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,7 (2022.)
				PHYSICS, APPLIED	Q1	2,7 (2022.)
11.	Bistrović Popov, Andrea; Meščić Macan, Andriana; Jakopac, Silvio; Prpić, Helena; Harej Hrkač, Anja; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Green solvent-free synthesis of new N-heterocycle-L-ascorbic acid hybrids and their antiproliferative evaluation. // <i>Future medicinal chemistry</i> , 14 (2022), 16; 1187-1202	4,2 (2022.)	4,2 (2022.)	CHEMISTRY, MEDICINAL	Q2	3,7 (2022.)
12.	Blažić, Roko; Kučić Grgić, Dajana; Kraljić Roković, Marijana; Vidović, Elvira. Cellulose-g-poly(2-(dimethylamino) ethylmethacrylate) hydrogels: Synthesis, characterization, antibacterial testing and polymer electrolyte application. // <i>Gels</i> , 8 (2022), 10; 636, 24	4,6 (2022.)	5,2 (2022.)	POLYMER SCIENCE	Q1	2,9 (2022.)
13.	Boček, Ida; Hok, Lucija; Persoons, Leentje; Daelemans, Dirk; Vianello, Robert; Hranjec, Marijana. Imidazo[4,5-b]pyridine derived tubulin polymerization inhibitors: Design, synthesis, biological activity in vitro and computational analysis. // <i>Bioorganic chemistry</i> , 127 (2022), 106032, 13	5,1 (2022.)	5,3 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,7 (2022.)
				CHEMISTRY, ORGANIC	Q1	2,3 (2022.)

14.	Boček, Ida; Hranjec, Marijana; Vianello, Robert. Imidazo[4,5-b]pyridine derived iminocoumarins as potential pH probes: Synthesis, spectroscopic and computational studies of their protonation equilibria. // <i>Journal of molecular liquids</i> , 355 (2022), 118982, 12	6,0 (2022.)	5,6 (2022.)	CHEMISTRY, PHYSICAL	Q2	3,5 (2022.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q1	2,3 (2022.)
15.	Brahimi, Salim; Ressler, Antonia; Boumchedda, Khaled; Hamidouche, Mohamed; Kenzour, Abdelghani; Djafar, Rabah; Antunović, Maja; Bauer, Leonard; Hvizdoš, Pavol; Ivanković, Hrvoje. Preparation and characterization of biocomposites based on chitosan and biomimetic hydroxyapatite derived from natural phosphate rocks. // <i>Materials chemistry and physics</i> , 276 (2022), 125421, 10	4,6 (2022.)	4,1 (2022.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
16.	Brekalo, Ivana; Martinez, Valentina; Karadeniz, Bahar; Orešković, Patrik; Drapanauskaite, Donata; Vriesema, Hein; Stenekes, Robert; Etter, Martin; Dejanović, Igor; Baltrusaitis, Jonas; Užarević, Krunoslav. Scale-up of agrochemical urea-gypsum cocrystal synthesis using thermally controlled mechanochemistry. // <i>ACS sustainable chemistry & engineering</i> , 10 (2022), 20; 6743-6754	8,4 (2022.)	8,7 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	3,2 (2022.)
				ENGINEERING, CHEMICAL	Q1	3,2 (2022.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q2	6,0 (2022.)
17.	Bubalo, Anđelina; Vouk, Dražen; Maljković, Danica; Bolanča, Tomislav. Gasification of sewage sludge in a rotary kiln reactor – a case study with incorporation of sewage sludge ash in brick production. // <i>Chemical and biochemical engineering quarterly</i> , 36 (2022), 1; 77-87	1,5 (2022.)	1,6 (2022.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	3,3 (2022.)
				ENGINEERING, CHEMICAL	Q3	3,2 (2022.)
18.	Buhin Šturlić, Zrinka; Leskovic, Mirela; Žižek, Krunoslav; Lučić Blagojević, Sanja. The effect of concentration and silica surface modification on the poly(butyl acrylate-co-methyl methacrylate) properties. // <i>Pigment & resin technology</i> , 51 (2022), 2; 253-263	1,4 (2022.)	1,4 (2022.)	CHEMISTRY, APPLIED	Q3	2,5 (2022.)
				ENGINEERING, CHEMICAL	Q4	3,2 (2022.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q4	3,1 (2022.)
19.	Bužančić, Marin; Cherednichenko, Kirill; Velčić, Igor; Žubrinčić, Josip. Spectral and evolution analysis of composite elastic plates with high contrast. // <i>Journal of elasticity</i> , 152 (2022), 1-2; 79-177	2,0 (2022.)	2,0 (2022.)	ENGINEERING, MULTIDISCIPLINARY	Q3	2,4 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,5 (2022.)
				MECHANICS	Q3	2,5 (2022.)
20.	Cingesar, Ivan Karlo; Marković, Marijan-Pere; Vrsaljko, Domagoj. Effect of post-processing conditions on polyacrylate materials used in stereolithography. // <i>Additive manufacturing</i> , 55 (2022), 102813, 12	11,0 (2022.)	13,0 (2022.)	ENGINEERING, MANUFACTURING	Q1	3,6 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	3,5 (2022.)
21.	Čurić, Iva; Dolar, Davor. Investigation of pretreatment of textile wastewater for membrane processes and reuse for washing dyeing machines. // <i>Membranes</i> , 12 (2022), 5; 449, 12	4,2 (2022.)	4,3 (2022.)	CHEMISTRY, PHYSICAL	Q2	3,5 (2022.)
				ENGINEERING, CHEMICAL	Q2	3,2 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				POLYMER SCIENCE	Q2	2,9 (2022.)
22.	Čurić, Iva; Dolar, Davor; Horvat, Josip; Grgić, Katia. Effect of textile wastewater secondary effluent on UF membrane characteristics. // <i>Polymers</i> , 14 (2022), 10; 2035, 14	5,0 (2022.)	5,0 (2022.)	POLYMER SCIENCE	Q1	2,9 (2022.)

23.	Dabić, Dario; Hanževački, Marko; Škorić, Irena; Žegura, Bojana; Ivanković, Klaudija; Biošić, Martina; Tolić, Kristina; Babić, Sandra. Photodegradation, toxicity and density functional theory study of pharmaceutical metoclopramide and its photoproducts. // <i>Science of the total environment</i> , 807 (2022), 150694, 10	9,8 (2022.)	9,6 (2022.)	ENVIRONMENTAL SCIENCES	Q1	3,4 (2022.)
24.	dela Rosa, Francis M.; Popović, Marin; Papac Zjačić, Josipa; Radić, Gabrijela; Kraljić Roković, Marijana; Kovačić, Marin; Farré, María José; Genorio, Boštjan; Lavrenčić Štanger, Urška; Kušić, Hrvoje; Lončarić Božić, Ana; Petrović, MIRA. Visible-light activation of persulfate or H ₂ O ₂ by Fe ₂ O ₃ /TiO ₂ immobilized on glass support for photocatalytic removal of amoxicillin: Mechanism, transformation products, and toxicity assessment. // <i>Nanomaterials</i> , 12 (2022), 23; 4328, 26	5,3 (2022.)	5,4 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,7 (2022.)
				PHYSICS, APPLIED	Q1	2,7 (2022.)
25.	Dorić, Hrvoje; Bolf, Nenad; Šahnić, Damir. Development of crystallization calibration model for real-time monitoring of Fosamprenavir Calcium particle size distribution. // <i>Tehnički vjesnik</i> , 29 (2022), 3; 790-796	0,9 (2022.)	0,8 (2022.)	ENGINEERING, MULTIDISCIPLINARY	Q4	2,4 (2022.)
26.	Dornjak, Luka; Kovačić, Marin; Ostojić, Karla; Angaits, Ange; Szpunar, Joanna; Urlić, Inga; Rogina, Anamarija. Chitosan-boric acid scaffolds for doxorubicin delivery in the osteosarcoma treatment. // <i>Polymers</i> , 14 (2022), 21; 4753, 14	5,0 (2022.)	5,0 (2022.)	POLYMER SCIENCE	Q1	2,9 (2022.)
27.	Drušković, Morana; Vouk, Dražen; Bolanča, Tomislav; Posavčić, Hana. The influence of pretreatment on the efficiency of electrochemical processes in oily wastewater treatment. // <i>Water</i> , 14 (2022), 19; 2976, 15	3,4 (2022.)	3,5 (2022.)	ENVIRONMENTAL SCIENCES	Q2	3,4 (2022.)
				WATER RESOURCES	Q2	2,7 (2022.)
28.	Duplančić, Marina; Liber, Kristina; Zelić, Ivana Elizabeta; Kosar, Vanja; Tomašić, Vesna. Optimization of imidacloprid photocatalytic degradation under UVA-LED irradiation conditions. // <i>Journal of chemical technology and biotechnology</i> , 97 (2022), 10; 2775-2784	3,4 (2022.)	3,2 (2022.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q2	3,3 (2022.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
				ENGINEERING, CHEMICAL	Q2	3,2 (2022.)
				ENGINEERING, ENVIRONMENTAL	Q3	4,2 (2022.)
29.	Đurina, Vedran; Haramija, Veronika; Vrsaljko, Dijana; Vrsaljko, Domagoj. Artificial neural networks and partial least squares regressions for rapid estimation of mineral insulating liquid properties based on infrared spectroscopic data. // <i>IEEE transactions on dielectrics and electrical insulation</i> , 29 (2022), 4; 1474-1482	3,1 (2022.)	3,2 (2022.)	ENGINEERING, ELECTRICAL & ELECTRONIC	Q2	2,8 (2022.)
				PHYSICS, APPLIED	Q2	2,7 (2022.)
30.	Faraguna, Fabio; Blažić, Roko; Vidović, Elvira; Jukić, Ante. Synthesis and properties of surfactants for carbon nanotubes based on copolymers of 2-N-morpholinoethyl methacrylate with dodecyl methacrylate and styrene. // <i>Reactive & functional polymers</i> , 177 (2022), 105315, 9	5,1 (2022.)	4,3 (2022.)	CHEMISTRY, APPLIED	Q1	2,5 (2022.)
				ENGINEERING, CHEMICAL	Q1	3,2 (2022.)
				POLYMER SCIENCE	Q1	2,9 (2022.)

31.	Fiket, Lucija; Božičević, Marin; Brkić, Lana; Žagar, Patricia; Horvat, Anamarija; Katančić, Zvonimir. Intrinsically stretchable poly(3,4-ethylenedioxythiophene) conducting polymer film for flexible electronics. // <i>Polymers</i> , 14 (2022), 12; 2340, 16	5,0 (2022.)	5,0 (2022.)	POLYMER SCIENCE	Q1	2,9 (2022.)
32.	Gojun, Martin; Valinger, Davor; Šalić, Anita; Zelić, Bruno. Development of NIR-based ANN models for on-line monitoring of glycerol concentration during biodiesel production in a microreactor. // <i>Micromachines</i> , 13 (2022), 10; 1590, 21	3,4 (2022.)	3,3 (2022.)	CHEMISTRY, ANALYTICAL	Q2	2,9 (2022.)
				INSTRUMENTS & INSTRUMENTATION	Q2	2,6 (2022.)
				NANOSCIENCE & NANOTECHNOLOGY	Q3	4,7 (2022.)
				PHYSICS, APPLIED	Q2	2,7 (2022.)
33.	Gotovuša, Mia; Medić, Mihovil; Faraguna, Fabio; Šibalić, Matea; Konjević, Lucija; Parlov Vuković, Jelena; Racar, Marko. Fatty acids propyl esters: Synthesis optimization and application properties of their blends with diesel and 1-propanol. // <i>Renewable energy</i> , 185 (2022), 655-664	8,7 (2022.)	8,4 (2022.)	ENERGY & FUELS	Q1	4,8 (2022.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q2	6,0 (2022.)
34.	Gotovuša, Mia; Pucko, Ivan; Racar, Marko; Faraguna, Fabio. Biodiesel produced from propanol and longer chain alcohols—synthesis and properties. // <i>Energies</i> , 15 (2022), 14; 4996, 21	3,2 (2022.)	3,3 (2022.)	ENERGY & FUELS	Q3	4,8 (2022.)
35.	Gutiérrez, Marina; Ghirardini, Andrea; Borghesi, Michela; Bonnini, Stefano; Mutavdžić Pavlović, Dragana; Verlicchi, Paola. Removal of micropollutants using a membrane bioreactor coupled with powdered activated carbon — A statistical analysis approach. // <i>Science of the total environment</i> , 840 (2022), 156557, 9	9,8 (2022.)	9,6 (2022.)	ENVIRONMENTAL SCIENCES	Q1	3,4 (2022.)
36.	Hudec, Bojan; Ribičić, Karla; Martinez, Sanja; Šoić, Ivana. Quantitative coating quality assessment on an offshore platform. // <i>Materials performance</i> , 61 (2022), 1; 52-56	0,158 (2019.)	0,146 (2019.)	MATERIALS SCIENCE, CHARACTERIZATION & TESTING	Q4	1,368 (2019.)
37.	Ivanišević, Irena; Kovačić, Marin; Zubak, Marko; Ressler, Antonia; Krivačić, Sara; Katančić, Zvonimir; Gudan Pavlović, Iva; Kassal, Petar. Amphiphilic silver nanoparticles for inkjet-printable conductive inks. // <i>Nanomaterials</i> , 12 (2022), 23; 4252, 23	5,3 (2022.)	5,4 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,7 (2022.)
				PHYSICS, APPLIED	Q1	2,7 (2022.)
38.	Ivanković, Tomislav; Kontek, Mislav; Mihalić, Valentino; Ressler, Antonia; Jurišić, Vanja. Perlite as a biocarrier for augmentation of biogas-producing reactors from olive (<i>Olea europaea</i>) waste. // <i>Applied sciences (Basel)</i> , 12 (2022), 17; 8808, 11	2,7 (2022.)	2,9 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,2 (2022.)
				ENGINEERING, MULTIDISCIPLINARY	Q2	2,4 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,5 (2022.)
				PHYSICS, APPLIED	Q2	2,7 (2022.)
39.	Ivković, Ivana Katarina; Kurajica, Stanislav; Duplancić, Marina; Faraguna, Fabio; Grbešić, Tea. Properties and potential applications of manganese-doped ceria gained by mechanochemical synthesis. // <i>ChemistrySelect</i> , 7 (2022), 4; e202104181, 9	2,1 (2022.)	2,0 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,2 (2022.)
40.	Jakopec, Silvio; Pantaloni Juraj, Natalija; Brozović, Anamaria; Jadreško, Dijana; Perić, Berislav; Kirin, Srećko I.; Raić-Malić, Silvana.	3,9 (2022.)	3,5 (2022.)	CHEMISTRY, APPLIED	Q2	2,5 (2022.)

	Ferrocene conjugates linked by 1,2,3-triazole and their Zn(II) and Cu(II) complexes: Synthesis, characterization and biological activity. // <i>Applied organometallic chemistry</i> , 36 (2022), 4; e6575, 22			CHEMISTRY, INORGANIC & NUCLEAR	Q1	2,3 (2022.)
41.	Jakovac, Marko; Klaser, Teodoro; Bafti, Arijeta; Skoko, Željko; Pavić, Luka; Žic, Mark. The effect of Y ³⁺ addition on morphology, structure, and electrical properties of yttria-stabilized tetragonal zirconia dental materials. // <i>Materials</i> , 15 (2022), 5; 1800, 13	3,4 (2022.)	3,8 (2022.)	CHEMISTRY, PHYSICAL	Q3	3,5 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,5 (2022.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,9 (2022.)
				PHYSICS, APPLIED	Q2	2,7 (2022.)
				PHYSICS, CONDENSED MATTER	Q2	2,8 (2022.)
42.	Jambrečević, Branimir; Govorčin Bajsić, Emi; Španić, Nikola; Sedlar, Tomislav; Sinković, Tomislav. Viscoelastic and thermal properties of styrene modified fir wood. // <i>Polymers</i> , 14 (2022), 4; 786, 13	5,0 (2022.)	5,0 (2022.)	POLYMER SCIENCE	Q1	2,9 (2022.)
43.	Jeličić, Mario-Livio; Kovačić, Jelena; Cvetnić, Matija; Mornar, Ana; Amidžić Klarić, Daniela. Antioxidant activity of pharmaceuticals: Predictive QSAR modeling for potential therapeutic strategy. // <i>Pharmaceuticals</i> , 15 (2022), 7; 791, 13	4,6 (2022.)	4,9 (2022.)	CHEMISTRY, MEDICINAL	Q2	3,7 (2022.)
				PHARMACOLOGY & PHARMACY	Q2	3,3 (2022.)
44.	Jukić, Lucija; Vulin, Domagoj; Lukić, Marija; Karasalihović Sedlar, Daria. Enhanced gas recovery and storability in a high CO ₂ content gas reservoir. // <i>International journal of greenhouse gas control</i> , 117 (2022), 103662, 25	3,9 (2022.)	4,1 (2022.)	ENERGY & FUELS	Q3	4,8 (2022.)
				ENGINEERING, CHEMICAL	Q2	3,2 (2022.)
				ENGINEERING, ENVIRONMENTAL	Q3	4,2 (2022.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	6,0 (2022.)
45.	Jurinjak Tušek, Ana; Šamec, Dunja; Šalić, Anita. Modern techniques for flavonoid extraction—to optimize or not to optimize? // <i>Applied sciences (Basel)</i> , 12 (2022), 22; 11865, 34	2,7 (2022.)	2,9 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,2 (2022.)
				ENGINEERING, MULTIDISCIPLINARY	Q2	2,4 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,5 (2022.)
				PHYSICS, APPLIED	Q2	2,7 (2022.)
46.	Kapitanović, Angela; Otmačić Ćurković, Helena. The effect of corrosion conditions on aging of artificial patina on three bronzes. // <i>Coatings</i> , 12 (2022), 7; 936, 16	3,4 (2022.)	3,4 (2022.)	MATERIALS SCIENCE, COATINGS & FILMS	Q2	3,1 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,5 (2022.)
				PHYSICS, APPLIED	Q2	2,7 (2022.)
47.	Kerolli Mustafa, Mihone; Gabelica, Ivana; Mandić, Vilko; Veseli, Rea; Ćurković, Lidija.	3,9 (2022.)	4,0 (2022.)	ENVIRONMENTAL SCIENCES	Q2	3,4 (2022.)

	Reusing waste coffee grounds in the preparation of porous alumina ceramics. // <i>Sustainability</i> , 14 (2022), 21; 14244, 13			GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	6,0 (2022.)
48.	Klemenčić, Mia; Bolanča Mirković, Ivana; Bolf, Nenad. The efficiency of the separation of impurities from cellulose pulp obtained from pharmaceutical laminated cardboard packaging. // <i>Tehnički vjesnik</i> , 29 (2022), 4; 1295-1300	0,9 (2022.)	0,8 (2022.)	ENGINEERING, MULTIDISCIPLINARY	Q4	2,4 (2022.)
49.	Komar, Mario; Gazivoda Kraljević, Tatjana; Jerković, Igor; Molnar, Maja. Application of deep eutectic solvents in the synthesis of substituted 2-mercaptoquinazolin-4(3H)-ones: a comparison of selected green chemistry methods. // <i>Molecules</i> , 27 (2022), 2; 558, 19	4,6 (2022.)	4,9 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,7 (2022.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
50.	Kralj, Magdalena; Krivačić, Sara; Ivanišević, Irena; Zubak, Marko; Supina, Antonio; Marcuš, Marijan; Halasz, Ivan; Kassal, Petar. Conductive inks based on melamine intercalated graphene nanosheets for inkjet printed flexible electronics. // <i>Nanomaterials</i> , 12 (2022), 17; 2936, 15	5,3 (2022.)	5,4 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,7 (2022.)
				PHYSICS, APPLIED	Q1	2,7 (2022.)
51.	Kremer, Irma; Tomić, Tihomir; Katančić, Zvonimir; Erceg, Matko; Papuga, Saša; Parlov Vuković, Jelena; Schneider, Daniel Rolph Catalytic pyrolysis and kinetic study of real-world waste plastics: multi-layered and mixed resin types of plastics. // <i>Clean technologies and environmental policy</i> , 24 (2022), 2; 677-693	4,3 (2022.)	4,1 (2022.)	ENGINEERING, ENVIRONMENTAL	Q2	4,2 (2022.)
				ENVIRONMENTAL SCIENCES	Q2	3,4 (2022.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	6,0 (2022.)
52.	Kremer, Irma; Tomić, Tihomir; Katančić, Zvonimir; Hrnjak-Murgić, Zlata; Erceg, Matko; Vecchio Cipriotti, Stefano; Schneider, Daniel Rolph. Effect of zeolite catalyst on the pyrolysis kinetics of multi-layered plastic food packaging. // <i>Symmetry</i> , 14 (2022), 7; 1362, 14	2,7 (2022.)	2,7 (2022.)	MULTIDISCIPLINARY SCIENCES	Q2	2,7 (2022.)
53.	Kumar, Praveen; Verma, Shilpi; Kaur, Ramanpreet; Papac, Josipa; Kušić, Hrvoje; Lavrenčić Štanger, Urška. Enhanced photo-degradation of N-methyl-2-pyrrolidone (NMP): Influence of matrix components, kinetic study and artificial neural network modelling. // <i>Journal of hazardous materials</i> , 434 (2022), 128807, 12	13,6 (2022.)	12,7 (2022.)	ENGINEERING, ENVIRONMENTAL	Q1	4,2 (2022.)
				ENVIRONMENTAL SCIENCES	Q1	3,4 (2022.)
54.	Kurajica, Stanislav; Ivković, Ivana Katarina; Dražić, Goran; Shvalya, Vasyl; Duplančić, Marina; Matijašić, Gordana; Cvelbar, Uroš; Mužina, Katarina. Phase composition, morphology, properties and improved catalytic activity of hydrothermally-derived manganese-doped ceria nanoparticles. // <i>Nanotechnology</i> , 33 (2022), 13; 135709, 13	3,5 (2022.)	3,2 (2022.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				NANOSCIENCE & NANOTECHNOLOGY	Q3	4,7 (2022.)
				PHYSICS, APPLIED	Q2	2,7 (2022.)
55.	Kurajica, Stanislav; Ivković, Ivana Katarina; Mužina, Katarina; Mandić, Vilko; Panžić, Ivana; Matijašić, Gordana; Alić, Emina Ema. Sol-gel synthesis of manganese-doped ceria from acetylacetonate precursors. // <i>Journal of sol-gel science and technology</i> , 101 (2022), 1; 256-268	2,5 (2022.)	2,3 (2022.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2022.)

56.	Lovrinčević, Vilma; Vuk, Dragana; Skorić, Irena; Basarić, Nikola. Chromo-orthogonal deprotection of carboxylic acids by aminonaphthalene and aminoaniline photocages. // <i>Journal of organic chemistry</i> , 87 (2022), 5; 2489-2500	3,6 (2022.)	3,4 (2022.)	CHEMISTRY, ORGANIC	Q1	2,3 (2022.)
57.	Mahović Poljaček, Sanja; Priselac, Dino; Tomašegović, Tamara; Stanković Elesini, Urška; Leskovšek, Mirjam; Leskovic, Mirela. Effect of the addition of nano-silica and poly(ϵ -caprolactone) on the mechanical and thermal properties of poly(lactic acid) blends and possible application in embossing process. // <i>Polymers</i> , 14 (2022), 22; 4861, 17	5,0 (2022.)	5,0 (2022.)	POLYMER SCIENCE	Q1	2,9 (2022.)
58.	Mandić, Vilko; Bafti, Arijeta; Pavić, Luka; Panžić, Ivana; Kurajica, Stanislav; Pavelić, Jakov-Stjepan; Shi, Zhen; Mužina, Katarina; Ivković, Ivana Katarina. Humidity sensing ceria thin-films. // <i>Nanomaterials</i> , 12 (2022), 3; 521, 21	5,3 (2022.)	5,4 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,7 (2022.)
				PHYSICS, APPLIED	Q1	2,7 (2022.)
59.	Mandić, Vilko; Kurajica, Stanislav; Plodinec, Milivoj; Panžić, Ivana. Thermal stability and utilization of 1D-nanostructured Co ₃ O ₄ rods derived by simple solvothermal processing. // <i>Catalysts</i> , 12 (2022), 10; 1162, 13	3,9 (2022.)	4,2 (2022.)	CHEMISTRY, PHYSICAL	Q2	3,5 (2022.)
60.	Margeta, Karmen; Glasnović, Zvonimir; Zabukovec Logar, Nataša; Tišma, Sanja; Farkaš, Anamarija. A concept for solving the sustainability of cities worldwide. // <i>Energies</i> , 15 (2022), 2; 616, 24	3,2 (2022.)	3,3 (2022.)	ENERGY & FUELS	Q3	4,8 (2022.)
61.	Marijan, Marijan; Mitar, Anamarija; Jakupović, Lejsa; Prlić Kardum, Jasna; Zovko Končić, Marijana. Optimization of bioactive phenolics extraction and cosmeceutical activity of eco-friendly polypropylene-glycol-lactic-acid-based extracts of olive leaf. // <i>Molecules</i> , 27 (2022), 2; 529, 18	4,6 (2022.)	4,9 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,7 (2022.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
62.	Marković, Marijan-Pere; Cingesar, Ivan Karlo; Keran, Laura; Prlić, Domagoj; Grčić, Ivana; Vrsaljko, Domagoj. Thermal and mechanical characterization of the new functional composites used for 3D printing of static mixers. // <i>Materials</i> , 15 (2022), 19; 6713, 15	3,4 (2022.)	3,8 (2022.)	CHEMISTRY, PHYSICAL	Q3	3,5 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,5 (2022.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,9 (2022.)
				PHYSICS, APPLIED	Q2	2,7 (2022.)
				PHYSICS, CONDENSED MATTER	Q2	2,8 (2022.)
63.	Martinez, Sanja; Ilhan-Sungur, Esra; Cansever, Nurhan; Khoshnaw, Fuad. A comparative analysis of perforation and blister features on internally corroded aged water pipeline wall. // <i>Materials and corrosion</i> , 73 (2022), 8; 1193-1204	1,8 (2022.)	1,9 (2022.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	3,5 (2022.)
				METALLURGY & METALLURGICAL ENGINEERING	Q3	1,9 (2022.)
64.	Martinić, Arijana; Kalušević, Ana; Lević, Steva; Nedović, Viktor; Vojvodić Cebin, Aleksandra; Karlović, Sven; Špoljarić, Igor; Mršić, Gordan; Žižek, Krunoslav; Komes, Draženka. Microencapsulation of Dandelion (<i>Taraxacum officinale</i> L.) leaf extract by spray drying. // <i>Food technology and biotechnology</i> , 60 (2022), 2; 237-252	2,4 (2022.)	4,3 (2022.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q3	3,3 (2022.)
				FOOD SCIENCE & TECHNOLOGY	Q3	3,1 (2022.)

65.	Matić, Petra; Ukić, Sime; Jakobek, Lidija. The study of adsorption kinetics of flavan-3-ols, dihydrochalcones and anthocyanins onto barley β -glucan. // <i>Croatica chemica acta</i> , 95 (2022), 1; 7-13	0,3 (2022.)	0,8 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	3,2 (2022.)
66.	Mehić, Emina; Hok, Lucija; Wang, Qian; Dokli, Irena; Svetec Miklenić, Marina; Findrik Blažević, Zvezdana; Tang, Lixia; Vianello, Robert; Majerić Elenkov, Maja. Expanding the scope of enantioselective halohydrin dehalogenases – group B. // <i>Advanced synthesis & catalysis</i> , 364 (2022), 15; 2576-2588	5,4 (2022.)	4,7 (2022.)	CHEMISTRY, APPLIED	Q1	2,5 (2022.)
				CHEMISTRY, ORGANIC	Q1	2,3 (2022.)
67.	Mencaroni, Letizia; Cesaretti, Alessio; Carlotti, Benedetta; Alebardi, Martina; Elisei, Fausto; Ratković, Ana; Škorić, Irena; Spalletti, Anna. Tuning the photophysics of two-arm bis[(dimethylamino)styryl]benzene derivatives by heterocyclic substitution. // <i>Molecules</i> , 27 (2022), 24; 8725, 20	4,6 (2022.)	4,9 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,7 (2022.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
68.	Mencaroni, Letizia; Cesaretti, Alessio; Elisei, Fausto; Škorić, Irena; Mlakić, Milena; Spalletti, Anna. Acid-base strength and acido(fluoro)chromism of three push-pull derivatives of 2,6-distyrylpyridine. // <i>Photochemical & photobiological sciences</i> , 21 (2022), 935-947	3,1 (2022.)	3,4 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q3	3,7 (2022.)
				BIOPHYSICS	Q2	3,0 (2022.)
				CHEMISTRY, PHYSICAL	Q3	3,5 (2022.)
69.	Mikić, Dajana; Otmačić Ćurković, Helena; Hosseinpour, Saman. Bronze corrosion protection by long-chain phosphonic acids. // <i>Corrosion science</i> , 205 (2022), 110445, 13	8,3 (2022.)	8,6 (2022.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	3,5 (2022.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,9 (2022.)
70.	Milčić, Nevena; Štepanić, Višnja; Crnolatac, Ivo; Findrik Blažević, Zvezdana; Brkljača, Zlatko; Majerić Elenkov, Maja. Inhibitory effect of DMSO on halohydrin dehalogenase: Experimental and computational insights into the influence of an organic co-solvent on the structural and catalytic properties of a biocatalyst. // <i>Chemistry: a European journal</i> , 28 (2022), 56; e202201923, 11	4,3 (2022.)	4,1 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
71.	Miloloža, Martina; Bule, Kristina; Prevarić, Viktorija; Cvetnić, Matija; Ukić, Šime; Bolanča, Tomislav; Kučić Grgić, Dajana. Assessment of the influence of size and concentration on the ecotoxicity of microplastics to microalgae <i>Scenedesmus</i> sp., bacterium <i>Pseudomonas putida</i> and yeast <i>Saccharomyces cerevisiae</i> . // <i>Polymers</i> , 14 (2022), 6; 1246, 19	5,0 (2022.)	5,0 (2022.)	POLYMER SCIENCE	Q1	2,9 (2022.)
72.	Miloloža, Martina; Cvetnić, Matija; Kučić Grgić, Dajana; Očelić Bulatović, Vesna; Ukić, Šime; Rogošić, Marko; Dionysiou, Dionysios Dion; Kušić, Hrvoje; Bolanča, Tomislav. Biotreatment strategies for the removal of microplastics from freshwater systems. A review. // <i>Environmental chemistry letters</i> , 20 (2022), 2; 1377-1402	15,7 (2022.)	14,2 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q1	3,2 (2022.)
				ENGINEERING, ENVIRONMENTAL	Q1	4,2 (2022.)
				ENVIRONMENTAL SCIENCES	Q1	3,4 (2022.)
73.	Miloloža, Martina; Ukić, Šime; Cvetnić, Matija; Bolanča, Tomislav; Kučić Grgić, Dajana. Optimization of polystyrene biodegradation by <i>Bacillus cereus</i> and <i>Pseudomonas alcaligenes</i> using full factorial design. // <i>Polymers</i> , 14 (2022), 20; 4299, 18	5,0 (2022.)	5,0 (2022.)	POLYMER SCIENCE	Q1	2,9 (2022.)

74.	Mlakić, Milena; Faraho, Ivan; Odak, Ilijana; Talić, Stanislava; Vukovinski, Ana; Raspudić, Anamarija; Bosnar, Martina; Zadravec, Rahela; Ratković, Ana; Lasić, Kornelija; Marinić, Željko; Barić, Danijela; Škorić, Irena. Synthesis, photochemistry and computational study of novel 1,2,3-triazole heterostilbenes: expressed biological activity of their electrocyclization photoproducts. // <i>Bioorganic chemistry</i>, 121 (2022), 105701, 21	5,1 (2022.)	5,3 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,7 (2022.)
				CHEMISTRY, ORGANIC	Q1	2,3 (2022.)
75.	Mlakić, Milena; Fodor, Lajos; Odak, Ilijana; Horváth, Ottó; Lovrić, Marija Jelena; Barić, Danijela; Milašinović, Valentina; Molčanov, Krešimir; Marinić, Željko; Lasić, Zlata; Škorić, Irena. Resveratrol-maltol and resveratrol-thiophene hybrids as cholinesterase inhibitors and antioxidants: Synthesis, bio-metal chelating capability and crystal structure. // <i>Molecules</i>, 27 (2022), 19; 6379, 26	4,6 (2022.)	4,9 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,7 (2022.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
76.	Mlakić, Milena; Ljubić, Anabela; Šalić, Anita; Zelić, Bruno; Horváth, Ottó; Milašinović, Valentina; Gojun, Martin; Molčanov, Krešimir; Škorić, Irena. Photocatalytic transformations of the resveratrol derivative in microflow reactor. // <i>Catalysts</i>, 12 (2022), 12; 1510, 16	3,9 (2022.)	4,2 (2022.)	CHEMISTRY, PHYSICAL	Q2	3,5 (2022.)
77.	Mlakić, Milena; Mandić, Leo; Basarić, Nikola; Mihaljević, Branka; Pavošević, Fabijan; Škorić, Irena. Substituents affect the mechanism of photochemical E-Z isomerization of diarylethene triazoles via adiabatic singlet excited state pathway or via triplet excited state- // <i>Journal of photochemistry and photobiology. A, Chemistry</i>, 422 (2022), 113567, 12	4,3 (2022.)	3,8 (2022.)	CHEMISTRY, PHYSICAL	Q2	3,5 (2022.)
78.	Mlakić, Milena; Odak, Ilijana; Faraho, Ivan; Talić, Stanislava; Bosnar, Martina; Lasić, Kornelija; Barić, Danijela; Škorić, Irena. New naphtho/thienobenzo-triazoles with interconnected anti-inflammatory and cholinesterase inhibitory activity. // <i>European journal of medicinal chemistry</i>, 241 (2022), 114616, 14	6,7 (2022.)	6,5 (2022.)	CHEMISTRY, MEDICINAL	Q1	3,7 (2022.)
79.	Mlakić, Milena; Rajić, Lucija; Ljubić Anabela; Vušak Vitomir; Zelić, Bruno; Gojun, Martin; Odak, Ilijana; Čule, Ivona; Šagud, Ivana; Šalić, Anita; Škorić, Irena. Synthesis of new heterocyclic resveratrol analogues in milli- and microreactors: intensification of the Wittig reaction. // <i>Journal of flow chemistry</i>, 12 (2022), 4; 429-440	2,7 (2022.)	2,6 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,2 (2022.)
80.	Modrić, Marina; Božičević, Marin; Odak, Ilijana; Talić, Stanislava; Barić, Danijela; Mlakić, Milena; Raspudić, Anamarija; Škorić, Irena. The structure-activity relationship and computational studies of 1,3-thiazole derivatives as cholinesterase inhibitors with anti-inflammatory activity. // <i>Comptes rendus. Chimie</i>, 25 (2022), 267-279	1,6 (2022.)	2,8 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	3,2 (2022.)
81.	Mutavdžić Pavlović, Dragana; Tolić Čop, Kristina; Barbir, Vendi; Gotovuša, Mia; Lukač, Ivan; Lozančić, Ana; Runje, Mislav. Sorption of cefdinir, memantine, praziquantel and trimethoprim in sediment and soil samples. // <i>Environmental science and pollution research</i>, 29 (2022), 44; 66841-6685	5,8 (2022.)	5,4 (2022.)	ENVIRONMENTAL SCIENCES	Q1	3,4 (2022.)
82.	Mutavdžić Pavlović, Dragana; Tolić Čop, Kristina; Prskalo, Helena; Runje, Mislav.	4,6 (2022.)	4,9 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,7 (2022.)

	Influence of organic matter on the sorption of cefdinir, memantine and praziquantel on different soil and sediment samples. // <i>Molecules</i> , 27 (2022), 22; 8008, 18			CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
83.	Mužina, Katarina; Kurajica, Stanislav; Guggenberger, Patrick; Duplančić, Marina; Dražić, Goran. Catalytic activity and properties of copper-doped ceria nanocatalyst for VOCs oxidation. // <i>Journal of materials research</i> , 37 (2022), 11; 1929-1940	2,7 (2022.)	3,0 (2022.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,5 (2022.)
84.	Nabgui, Abderrahmane; Follain, Nadège; Vidović, Elvira; El Haskouri, Jamal; Marais, Stéphane; El Meziane, Abdellatif; Lahcini, Mohamed; Thébault, Pascal. Preparation and study of the thermal, barrier and antibacterial properties of Polylactic acid-Fluorophlogopite-Silver nanoparticles nanocomposite films. // <i>Progress in organic coatings</i> , 171 (2022), 107041-107041	6,6 (2022.)	5,9 (2022.)	CHEMISTRY, APPLIED	Q1	2,5 (2022.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	3,1 (2022.)
85.	Ondrašek, Gabrijel; Jelovica Badovinac, Ivana; Peter, Robert; Petravić, Mladen; Macan, Jelena; Rengel, Zed. Humates and chlorides synergistically increase Cd phytoaccumulation in strawberry fruits, heightening health risk from Cd in human diet. // <i>Exposure and health</i> , 14 (2022), 2; 393-410	6,7 (2022.)	7,7 (2022.)	WATER RESOURCES	Q1	2,7 (2022.)
86.	Panić, Manuela; Radović, Mía; Cvjetko Bubalo, Marina; Radošević, Kristina; Rogošić, Marko; Coutinho, João A. P.; Radojčić Redovniković, Ivana; Jurinjak Tušek, Ana. Prediction of pH value of aqueous acidic and basic deep eutectic solvent using COSMO-RS σ profiles' molecular descriptors. // <i>Molecules</i> , 27 (2022), 14; 4489, 14	4,6 (2022.)	4,9 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,7 (2022.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
87.	Panžić, Ivana; Mandić, Vilko; Bafti, Arijeta; Pavić, Luka; Mičetić, Maja; Peretin, Ivan; Bernstorff, Sigrid. Structural and electrical point of view on addressing the organisation of the constituting domains in DC magnetron sputtered AZO films. // <i>Journal of materials science</i> , 57 (2022), 30; 14246-14264	4,5 (2022.)	4,2 (2022.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
88.	Pavlešić, Tomislav; Saftić Martinović, Lara; Peršurić, Željka; Maletić, Edi; Žulj Mihaljević, Maja; Stupić, Domagoj; Andabaka, Željko; Grgić, Zoran; Kraljević Pavelić, Sandra. From the autochthonous grape varieties of the Kastav region (Croatia) to the Belica wine. // <i>Food technology and biotechnology</i> , 60 (2022), 1; 11-20	2,4 (2022.)	4,3 (2022.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q3	3,3 (2022.)
				FOOD SCIENCE & TECHNOLOGY	Q3	3,1 (2022.)
89.	Perin, Nataša; Babić, Darko; Kassal, Petar; Čikoš, Ana; Hranjec, Marijana; Vianello, Robert. Spectroscopic and computational study of the protonation equilibria of amino-substituted benzo[b]thieno[2,3-b]pyrido[1,2-a]benzimidazoles as novel pH-sensing materials. // <i>Chemosensors</i> , 10 (2022), 1; 21, 15	4,2 (2022.)	4,2 (2022.)	CHEMISTRY, ANALYTICAL	Q2	2,9 (2022.)
				ELECTROCHEMISTRY	Q2	4,0 (2022.)
				INSTRUMENTS & INSTRUMENTATION	Q2	2,6 (2022.)
90.	Perin, Nataša; Cindrić, Maja; Zlatar, Ivo; Persoons, Leentje; Daelemans, Dirk; Radovanović, Vedrana; Banjanac, Mihailo; Brajša, Karmen; Hranjec, Marijana. Biological evaluation of novel bicyclic heteroaromatic benzazole derived acrylonitriles: synthesis, antiproliferative and antibacterial activity. // <i>Medicinal chemistry research</i> , 31 (2022), 8; 1339-1350	2,6 (2022.)	2,3 (2022.)	CHEMISTRY, MEDICINAL	Q3	3,7 (2022.)

91.	Perkušić, Mirna; Nižić Nodilo, Laura; Ugrina, Ivo; Špoljarić, Drago; Jakobišić Brala, Cvijeta; Pepić, Ivan; Lovrić, Jasmina; Matijašić, Gordana; Gretić, Matija; Zdravec, Dijana; Kalogjera, Livije; Hafner, Anita. Tailoring functional spray-dried powder platform for efficient donepezil nose-to-brain delivery. // <i>International journal of pharmaceutics</i> , 624 (2022), 122038, 15	5,8 (2022.)	5,8 (2022.)	PHARMACOLOGY & PHARMACY	Q1	3,3 (2022.)
92.	Petračić, Ana; Sander, Aleksandra; Parlov Vuković, Jelena. Deep eutectic solvents for deacidification of waste biodiesel feedstocks: an experimental study. // <i>Biomass conversion and biorefinery</i> , 12 (2022), S1; 3-23	4,0 (2022.)	4,1 (2022.)	ENERGY & FUELS	Q3	4,8 (2022.)
				ENGINEERING, CHEMICAL	Q2	3,2 (2022.)
93.	Petrović, Željka; Šarić, Ankica; Despotović, Ines; Katić, Jozefina; Peter, Robert; Petravić, Mladen; Ivanda, Mile; Petković, Marin. Surface functionalisation of dental implants with a composite coating of alendronate and hydrolysed collagen: DFT and EIS studies. // <i>Materials</i> , 15 (2022), 15; 5127, 20	3,4 (2022.)	3,8 (2022.)	CHEMISTRY, PHYSICAL	Q3	3,5 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,5 (2022.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,9 (2022.)
				PHYSICS, APPLIED	Q2	2,7 (2022.)
				PHYSICS, CONDENSED MATTER	Q2	2,8 (2022.)
94.	Piletić, Kaća; Kovač, Bruno; Perčić, Marko; Žigon, Jure; Broznić, Dalibor; Karleuša, Ljerkica; Lučić Blagojević, Sanja; Oder, Martina; Gobin, Ivana. Disinfecting action of gaseous ozone on OXA-48-producing <i>Klebsiella pneumoniae</i> biofilm in vitro. // <i>International journal of environmental research and public health</i> , 19 (2022), 10; 6177, 18	4,614 (2021.)	4,799 (2021.)	ENVIRONMENTAL SCIENCES	Q2	3,692 (2021.)
				PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH	Q2	3,337 (2021.)
95.	Popov, Nina; Ristić, Mira; Kuncser, Victor; Zadro, Krešo; Velinov, Nikolay; Badica, Petre; Alexandtu-Dinu, Andrei; Iacob, Nicusor; Kratočil Krehula, Ljerkica; Musić, Svetozar; Krehula, Stjepko. Influence of erbium doping on the structural, magnetic and optical properties of hematite (α -Fe ₂ O ₃) nanorods. // <i>Journal of physics and chemistry of solids</i> , 169 (2022), 110857, 13	4,0 (2022.)	3,6 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
				PHYSICS, CONDENSED MATTER	Q2	2,8 (2022.)
96.	Posavčić, Hana; Halkijević, Ivan; Vouk, Dražen; Cvetnić, Matija. Circulating flow hybrid ultrasonic and electrochemical process for the treatment of mineral oil wastewaters. // <i>Journal of water process engineering</i> , 49 (2022), 103024, 12	7,0 (2022.)	6,7 (2022.)	ENGINEERING, CHEMICAL	Q1	3,2 (2022.)
				ENGINEERING, ENVIRONMENTAL	Q2	4,2 (2022.)
				WATER RESOURCES	Q1	2,7 (2022.)
97.	Priselac, Dino; Mahović Poljaček, Sanja; Tomašegović, Tamara; Leskovic, Mirela. Blends based on poly(ϵ -caprolactone) with addition of poly(lactic acid) and coconut fibers: Thermal analysis, ageing behavior and application for embossing process. // <i>Polymers</i> , 14 (2022), 9; 1792, 20	5,0 (2022.)	5,0 (2022.)	POLYMER SCIENCE	Q1	2,9 (2022.)
98.	Pršir, Kristina; Horak, Ema; Kralj, Marijeta; Uzelac, Lidija; Liekens, Sandra; Murković Steinberg, Ivana; Krištafor, Svjetlana.	4,6 (2022.)	4,9 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,7 (2022.)

	Design, synthesis, spectroscopic characterisation and in vitro cytostatic evaluation of novel bis(coumarin-1,2,3-triazolyl)benzenes and hybrid coumarin-1,2,3-triazolyl-aryl derivatives. // <i>Molecules</i> , 27 (2022), 3; 637, 16			CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
99.	Pucko, Ivan; Racar, Marko; Faraguna, Fabio. Synthesis, characterization, and performance of alkyl methacrylates and tert-butylaminoethyl methacrylate tetra polymers as pour point depressants for diesel Influence of polymer composition and molecular weight. // <i>Fuel</i> , 324 (2022), Part C; 124821, 9	7,4 (2022.)	7,0 (2022.)	ENERGY & FUELS	Q2	4,8 (2022.)
				ENGINEERING, CHEMICAL	Q1	3,2 (2022.)
100.	Puntarić, Eda; Pezo, Lato; Zgorelec, Željka; Gunjača, Jerko; Kučić Grgić, Dajana; Voća, Neven. Prediction of the production of separated municipal solid waste by artificial neural networks in Croatia and the European Union. // <i>Sustainability</i> , 14 (2022), 16; 10133, 13	3,9 (2022.)	4,0 (2022.)	ENVIRONMENTAL SCIENCES	Q2	3,4 (2022.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	6,0 (2022.)
101.	Rep, Valentina; Štulić, Rebeka; Koštrun, Sanja; Kuridža, Bojan; Crnolatac, Ivo; Radić Stojković, Marijana; Čipčić Paljetak, Hana; Perić, Mihaela; Matijašić, Mario; Raić-Malić, Silvana. Novel tetrahydropyrimidinyl-substituted benzimidazoles and benzothiazoles: synthesis, antibacterial activity, DNA interactions and ADME profiling. // <i>RSC Medicinal Chemistry</i> , 13 (2022), 12; 1504-1525	4,1 (2022.)	4,1 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,7 (2022.)
				CHEMISTRY, MEDICINAL	Q2	3,7 (2022.)
102.	Rep Kaulić, Valentina; Pantalon Juraj, Natalija; Perić, Berislav; Štefanić, Zoran; Kirin, Srećko I.; Raić-Malić, Silvana. Transition metal-mediated hydrolysis of the imine bond in 2-azomethine benzothiazoles. // <i>Croatica chemica acta</i> , 95 (2022), 4; 123-130	0,3 (2022.)	0,8 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q4	3,2 (2022.)
103.	Rep Kaulić, Valentina; Racané, Livio; Leventić, Marijana; Šubarić, Domagoj; Rastija, Vesna; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Synthesis, antiproliferative evaluation and QSAR analysis of novel halogen- and amidino-substituted benzothiazoles and benzimidazoles. // <i>International journal of molecular sciences</i> , 23 (2022), 24; 15843, 35	5,6 (2022.)	6,2 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,7 (2022.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
104.	Ressler, Antonia. Chitosan-based biomaterials for bone tissue engineering applications: a short review. // <i>Polymers</i> , 14 (2022), 16; 3430, 18	5,0 (2022.)	5,0 (2022.)	POLYMER SCIENCE	Q1	2,9 (2022.)
105.	Ressler, Antonia; Antunović, Maja; Teruel-Biosca, Laura; Gallego Ferrer, Gloria; Babić, Slaven; Urlić, Inga; Ivanković, Marica; Ivanković, Hrvoje. Osteogenic differentiation of human mesenchymal stem cells on substituted calcium phosphate/chitosan composite scaffold. // <i>Carbohydrate polymers</i> , 277 (2022), 118883, 16	11,2 (2022.)	10,2 (2022.)	CHEMISTRY, APPLIED	Q1	2,5 (2022.)
				CHEMISTRY, ORGANIC	Q1	2,3 (2022.)
				POLYMER SCIENCE	Q1	2,9 (2022.)
106.	Ressler, Antonia; Bauer, Leonard; Prebeg, Teodora; Ledinski, Maja; Hussainova, Irina; Urlić, Inga; Ivanković, Marica; Ivanković, Hrvoje. PCL/Si-doped multi-phase calcium phosphate scaffolds derived from cuttlefish bone. // <i>Materials</i> , 15 (2022), 9; 3348, 16	3,4 (2022.)	3,8 (2022.)	CHEMISTRY, PHYSICAL	Q3	3,5 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,5 (2022.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,9 (2022.)
				PHYSICS, APPLIED	Q2	2,7 (2022.)

				PHYSICS, CONDENSED MATTER	Q2	2,8 (2022.)
107.	Ressler, Antonia; Ivanišević, Irena; Žužić, Andreja; Somers, Nicolas. The ionic substituted octacalcium phosphate for biomedical applications: A new pathway to follow? // <i>Ceramics international</i> , 48 (2022), 7; 8838-8851	5,2 (2022.)	4,5 (2022.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2022.)
108.	Ressler, Antonia; Ivanković, Tomislav; Polak, Bruno; Ivanišević, Irena; Kovačić, Marin; Urlić, Inga; Hussainova, Irina; Ivanković, Hrvoje. A multifunctional strontium/silver-co-substituted hydroxyapatite derived from biogenic source as antibacterial biomaterial. // <i>Ceramics international</i> , 48 (2022), 13; 18361-18373	5,2 (2022.)	4,5 (2022.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2022.)
109.	Samzadeh, Amin; Dehghani, Mansoor; Ali Baghapour, Mohammad; Azdarpoor, Aooalfaz; Derakhshan, Zahra; Cvetnić, Matija; Bolanča, Tomislav; Giannakis, Stefanos; Cao, Ying. Comparative photo-oxidative degradation of etodolac, febuxostat and imatinib mesylate by UV-C/H ₂ O ₂ and UV-C/S ₂ O ₈ ²⁻ processes: Modeling, treatment optimization and biodegradability enhancement. // <i>Environmental research</i> , 212 (2022), Part D; 113385, 8	8,3 (2022.)	8,2 (2022.)	ENVIRONMENTAL SCIENCES	Q1	3,4 (2022.)
				PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH	Q1	3,3 (2022.)
110.	Sanchez Tobon, Camilo; Ljubas, Davor; Mandić, Vilko; Panžić, Ivana; Matijašić, Gordana; Ćurković, Lidija. Microwave-assisted synthesis of N/TiO ₂ nanoparticles for photocatalysis under different irradiation spectra. // <i>Nanomaterials</i> , 12 (2022), 9; 1473, 16	5,3 (2022.)	5,4 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,7 (2022.)
				PHYSICS, APPLIED	Q1	2,7 (2022.)
111.	Sanchez Tobon, Camilo; Panžić, Ivana; Bafti, Arijeta; Matijašić, Gordana; Ljubas, Davor; Ćurković, Lidija. Rapid microwave-assisted synthesis of N/TiO ₂ /rGO nanoparticles for the photocatalytic degradation of pharmaceuticals. // <i>Nanomaterials</i> , 12 (2022), 22; 3975, 22	5,3 (2022.)	5,4 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,7 (2022.)
				PHYSICS, APPLIED	Q1	2,7 (2022.)
112.	Sander, Aleksandra; Petračić, Ana; Zokić, Iva; Vrsaljko, Domagoj. Scaling up extractive deacidification of waste cooking oil. // <i>Journal of environmental management</i> , 316 (2022), 115222, 12	8,7 (2022.)	8,4 (2022.)	ENVIRONMENTAL SCIENCES	Q1	3,4 (2022.)
113.	Sharifi, Tayeb; Kovačić, Marin; Belec, Monika; Perović, Klara; Popović, Marin; Radić, Gabrijela; Žener, Boštjan; Pulitika, Anamarija; Kraljić Roković, Marijana; Lavrenčić Štanger, Urška; Lončarić Božić, Ana; Kušić, Hrvoje. Effect of functionalized benzene derivatives as potential hole scavengers for BiVO ₄ and rGO-BiVO ₄ photoelectrocatalytic hydrogen evolution. // <i>Molecules</i> , 27 (2022), 22; 7806, 17	4,6 (2022.)	4,9 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,7 (2022.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
114.	Sokač, Tea; Šalić, Anita; Kučić Grgić, Dajana; Šabić Runjavec, Monika; Vidaković, Marijana; Jurinjak Tušek, Ana; Horvat, Đuro; Juras Krnjak, Jasmina; Vuković Domanovac, Marija; Zelić, Bruno.	3,9 (2022.)	4,2 (2022.)	ENGINEERING, ENVIRONMENTAL	Q3	4,2 (2022.)

	An enhanced composting process with bioaugmentation: Mathematical modelling and process optimization. // <i>Waste management & research</i> , 40 (2022), 6; 745-753			ENVIRONMENTAL SCIENCES	Q2	3,4 (2022.)
115.	Sopčić, Suzana; Antonić, Davor; Mandić, Zoran. Effects of the composition of active carbon electrodes on the impedance performance of the AC/AC supercapacitors. // <i>Journal of solid state electrochemistry</i> , 26 (2022), 3; 591-605	2,5 (2022.)	2,5 (2022.)	ELECTROCHEMISTRY	Q4	4,0 (2022.)
116.	Šabić Runjavec, Monika; Vuković Domanovac, Marija; Meštrović, Ernest. Removal of organic pollutants from real pharmaceutical industrial wastewater with environmentally friendly processes. // <i>Chemical papers</i> , 76 (2022), 3; 1423-1431	2,2 (2022.)	2,0 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,2 (2022.)
117.	Šalić, Anita; Samec, Dunja. Changes in the content of glucosinolates, polyphenols and carotenoids during lactic-acid fermentation of cruciferous vegetables: a mini review. // <i>Food Chemistry: X</i> , 16 (2022), 100457, 6	6,1 (2022.)	6,4 (2022.)	CHEMISTRY, APPLIED	Q1	2,5 (2022.)
118.	Šalić, Anita; Zelić, Bruno. A game changer: Microfluidic technology for enhancing biohydrogen production—small size for great performance. // <i>Energies</i> , 15 (2022), 19; 7065, 22	3,2 (2022.)	3,3 (2022.)	ENERGY & FUELS	Q3	4,8 (2022.)
119.	Šoljić, Ines; Šoić, Ivana; Kostelac, Lorena; Martinez, Sanja. AC interference impact on EIS assessment of organic coatings using dummy cells, calibration foils and field exposed coated samples. // <i>Progress in organic coatings</i> , 165 (2022), 106767, 12	6,6 (2022.)	5,9 (2022.)	CHEMISTRY, APPLIED	Q1	2,5 (2022.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	3,1 (2022.)
120.	Tolić Čop, Kristina; Mutavdžić Pavlović, Dragana; Duić, Katarina; Pranjić, Minea; Fereža, Iva; Jajčinović, Igor; Brnardić, Ivan; Špada, Vedrana. Sorption potential of different forms of TiO ₂ for the removal of two anticancer drugs from water. // <i>Applied sciences (Basel)</i> , 12 (2022), 9; 4113, 15	2,7 (2022.)	2,9 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,2 (2022.)
				ENGINEERING, MULTIDISCIPLINARY	Q2	2,4 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,5 (2022.)
				PHYSICS, APPLIED	Q2	2,7 (2022.)
121.	Tolić Čop, Kristina; Mutavdžić Pavlović, Dragana; Gazivoda Kraljević, Tatjana. Photocatalytic activity of TiO ₂ for the degradation of anticancer drugs. // <i>Nanomaterials</i> , 12 (2022), 19; 3532, 19	5,3 (2022.)	5,4 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,7 (2022.)
				PHYSICS, APPLIED	Q1	2,7 (2022.)
122.	Tomić, Antonija; Cvetnić, Matija; Kovačić, Marin; Kušić, Hrvoje; Karamanis, Panagiotis; Lončarić Božić, Ana. Structural features promoting adsorption of contaminants of emerging concern onto TiO ₂ P25: experimental and computational approaches. // <i>Environmental science and pollution research</i> , 29 (2022), 58; 87628-87644	5,8 (2022.)	5,4 (2022.)	ENVIRONMENTAL SCIENCES	Q1	3,4 (2022.)
123.	Trivanović, Dragan; Peršurić, Željka; Agaj, Andrea; Jakopović, Marko; Samaržija, Miroslav; Bitar, Lela; Pavelić, Krešimir. The interplay of lung cancer, COVID-19, and vaccines. // <i>International journal of molecular sciences</i> , 23 (2022), 23; 15067, 15	5,6 (2022.)	6,2 (2022.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,7 (2022.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
124.	Ujević Andrijić, Željka; Bolf, Nenad; Rimac, Nikola; Brzović, Adriana.	2,3 (2022.)	2,2 (2022.)	ENGINEERING, MECHANICAL	Q3	2,5 (2022.)

	Fouling detection in industrial heat exchanger using number of transfer units method, neural network and nonlinear finite impulse response models. // <i>Heat transfer engineering</i> , 43 (2022), 21; 1852-1866			MECHANICS	Q3	2,5 (2022.)
				THERMODYNAMICS	Q3	2,4 (2022.)
125.	Ukić, Sime; Ašperger, Danijela; Bolanča, Tomislav. A brief review of chromatography in Croatia. // <i>Separations</i> , 9 (2022), 134, 6	2,6 (2022.)	2,7 (2022.)	CHEMISTRY, ANALYTICAL	Q3	2,9 (2022.)
126.	Vasudevan, Aswathy; Shvalya, Vasy; Košiček, Martin; Zavašnik, Janez; Jurov, Andrea; Santhosh, Neelakandan M.; Zidanšek, Aleksander; Cvelbar, Uroš. From faceted nanoparticles to nanostructured thin film by plasma-jet redox reaction of ionic gold. // <i>Journal of alloys and compounds</i> , 928 (2022), 167155, 1	6,2 (2022.)	5,3 (2022.)	CHEMISTRY, PHYSICAL	Q2	3,5 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,9 (2022.)
127.	Vidak, Andrej; Movre Šapić, Iva; Hadžimehmedović, Mirza. Rolling motion: augmented reality animations and multiplatform simulation. // <i>Physics teacher</i> , 60 (2022), 6; 445-448	0,9 (2022.)	0,9 (2022.)	EDUCATION, SCIENTIFIC DISCIPLINES	Q4	2,8 (2022.)
				PHYSICS, MULTIDISCIPLINARY	Q4	2,6 (2022.)
128.	Vladimir-Knežević, Sanda; Perković, Marijana; Zagajski Kučan, Kristina; Mervić, Mateja; Rogošić, Marko. Green extraction of flavonoids and phenolic acids from elderberry (<i>Sambucus nigra</i> L.) and rosemary (<i>Rosmarinus officinalis</i> L.) using deep eutectic solvents. // <i>Chemical papers</i> , 76 (2022), 1; 341-349	2,2 (2022.)	2,0 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,2 (2022.)
129.	Vouk, Dražen; Nakić, Domagoj; Bubalo, Anđelina; Bolanča, Tomislav. Environmental aspects in selecting optimum variant of sewage sludge management. // <i>Environmental engineering and management journal</i> , 21 (2022), 3; 443-456	1,1 (2022.)	0,9 (2022.)	ENVIRONMENTAL SCIENCES	Q4	3,4 (2022.)
130.	Vrsalović, Mislav; Vrsalović Presečki, Ana; Aboynas, Victor. Cardiac troponins predict mortality and cardiovascular outcomes in patients with peripheral artery disease: A systematic review and meta-analysis of adjusted observational studies. // <i>Clinical cardiology</i> , 45 (2022), 2; 198-204	2,7 (2022.)	2,7 (2022.)	CARDIAC & CARDIOVASCULAR SYSTEMS	Q3	3,1 (2022.)
131.	Vuk, Dragana; Radovanović-Perić, Floren; Mandić, Vilko; Lovrinčević, Vilma; Rath, Thomas; Panžić, Ivana; Le-Cunff, Jerome. Synthesis and nanoarchitectonics of novel squaraine derivatives for organic photovoltaic devices. // <i>Nanomaterials</i> , 12 (2022), 7; 1206, 16	5,3 (2022.)	5,4 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	3,2 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				NANOSCIENCE & NANOTECHNOLOGY	Q2	4,7 (2022.)
				PHYSICS, APPLIED	Q1	2,7 (2022.)
132.	Vuković Domanovac, Marija; Šabić Runjavec, Monika; Meštrović, Ernest. The modelling of biosorption for rapid removal of organic matter with activated sludge biomass from real industrial effluents. // <i>Korean journal of chemical engineering</i> , 39 (2022), 12; 3361-3368	2,7 (2022.)	2,4 (2022.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	3,2 (2022.)
				ENGINEERING, CHEMICAL	Q3	3,2 (2022.)
133.	Yarbay Şahin, R. Z.; Duplančić, Marina; Tomašić, Vesna; Badia i Córcoles, J. H.; Kurajica, Stanislav. Essential role of B metal species in perovskite type catalyst structure and activity on toluene oxidation. // <i>International journal of environmental science and technology</i> , 19 (2022), 1; 553-564	3,1 (2022.)	3,2 (2022.)	ENVIRONMENTAL SCIENCES	Q3	3,4 (2022.)

134.	Zečević, Nenad; Bolf, Nenad. Advanced operation and monitoring the economic performance of ammonia production based on natural gas steam reforming by using programmed feedforward–Ratio–Cascade controllers. // <i>Chemical engineering communications</i> , 209 (2022), 6; 774-797	2,5 (2022.)	2,4 (2022.)	ENGINEERING, CHEMICAL	Q3	3,2 (2022.)
135.	Zelić, Ivana Elizabeta; Povijač, Kristina; Gilja, Vanja; Tomašić, Vesna; Gomzi, Zoran. Photocatalytic degradation of acetamiprid in a rotating photoreactor - determination of reactive species. // <i>Catalysis communications</i> , 169 (2022), 106474, 7	3,7 (2022.)	3,3 (2022.)	CHEMISTRY, PHYSICAL	Q2	3,5 (2022.)
136.	Zeljko, Martina; Očelić Bulatović, Vesna; Blažić, Roko; Lučić Blagojević, Sanja. The development of eco-friendly UV-protective polyacrylate/rutile TiO ₂ coating. // <i>Journal of applied polymer science</i> , 139 (2022), 25; e52393, 13	3,0 (2022.)	2,9 (2022.)	POLYMER SCIENCE	Q2	2,9 (2022.)
137.	Zhang, Chen; Zhu, Zixuan; Špoljar, Maria; Kuczyńska-Kippen, Natalia; Dražina, Tvrtko; Cvetnić, Matija; Mleczek, Mirosław. Ecosystem models indicate zooplankton biomass response to nutrient input and climate warming is related to lake size. // <i>Ecological modelling</i> , 464 (2022), 109837, 15	3,1 (2022.)	3,1 (2022.)	ECOLOGY	Q2	2,6 (2022.)
138.	Zhu, Dapeng; Hu, Chenglong; Zhao, Rongzhi; Tan, Xiangyang; Li, Yixing; Mandić, Vilko; Shi, Zhen; Zhang, Xuefeng. Fabrication of cerium oxide films with thickness and hydrophobicity gradients. // <i>Surface & coatings technology</i> , 430 (2022), 127985, 8	5,4 (2022.)	4,8 (2022.)	MATERIALS SCIENCE, COATINGS & FILMS	Q1	3,1 (2022.)
				PHYSICS, APPLIED	Q1	2,7 (2022.)
139.	Žerjav, Gregor; Žižek, Krunoslav; Zavašnik, Janez; Pintar, Albin. Brookite vs. rutile vs. anatase: What's behind their various photocatalytic activities? // <i>Journal of environmental chemical engineering</i> , 10 (2022), 3; 107722, 18	7,7 (2022.)	7,3 (2022.)	ENGINEERING, CHEMICAL	Q1	3,2 (2022.)
				ENGINEERING, ENVIRONMENTAL	Q1	4,2 (2022.)
140.	Žužić, Andreja; Car, Filip; Macan, Jelena; Tomašić, Vesna; Gajović, Andreja. Simultaneous oxidation of aromatic compounds using Sr-doped lanthanum manganites as catalysts. // <i>International journal of applied ceramic technology</i> , 19 (2022), 5; 2891-2904	2,1 (2022.)	2,1 (2022.)	MATERIALS SCIENCE, CERAMICS	Q2	1,7 (2022.)
141.	Žužić, Andreja; Filipan, Veljko; Sutlović, Igor; Macan, Jelena. Perovskite oxides for energy applications. // <i>Tehnički vjesnik</i> , 29 (2022), 4; 1419-1425	0,9 (2022.)	0,8 (2022.)	ENGINEERING, MULTIDISCIPLINARY	Q4	2,4 (2022.)
142.	Žužić, Andreja; Ressler, Antonia; Macan, Jelena. Perovskite oxides as active materials in novel alternatives to well-known technologies: A review. // <i>Ceramics international</i> , 48 (2022), 19, Part A; 27240-27261	5,2 (2022.)	4,5 (2022.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2022.)
143.	Žužić, Andreja; Ressler, Antonia; Macan, Jelena. Evaluation of carbonate precursors in manganite coprecipitation synthesis by Fourier transform infrared (FTIR) spectroscopy. // <i>Solid state communications</i> , 341 (2022), 114594, 9	2,1 (2022.)	1,6 (2022.)	PHYSICS, CONDENSED MATTER	Q3	2,8 (2022.)
144.	Žužić, Andreja; Ressler, Antonia; Šantić, Ana; Macan, Jelena; Gajović, Andreja. The effect of synthesis method on oxygen nonstoichiometry and electrical conductivity of Sr-doped lanthanum manganites. // <i>Journal of alloys and compounds</i> , 907 (2022), 164456, 10	6,2 (2022.)	5,3 (2022.)	CHEMISTRY, PHYSICAL	Q2	3,5 (2022.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,5 (2022.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,9 (2022.)

WoSCC – 2023.

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection (WoSCC)</i>	IF	Petogodišnji IF	JCR predmetno područje časopisa	Kvarti 1	Medijan IF
1.	Babić, Sandra; Ljubas, Davor; Mutavdžić Pavlović, Dragana; Biošić, Martina; Čurković, Lidija; Dabić, Dario. Comprehensive study on environmental behaviour and degradation by photolytic/photocatalytic oxidation processes of pharmaceutical memantine. // <i>Catalysts</i> , 13 (2023), 3; 612, 17	3,8 (2023.)	3,9 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
2.	Babić Visković, Bruna; Maslač, Anamaria; Dolar, Davor; Ašperger, Danijela. Use of simulated sunlight radiation and hydrogen peroxide to remove xenobiotics from aqueous solutions. // <i>Processes</i> , 11 (2023), 12; 3403, 19	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
3.	Bafti, Arijeta; Mandić, Vilko; Panžić, Ivana; Pavić, Luka; Špada, Vedrana. CdSe QDs modified cellulose microfibrils for enhanced humidity sensing properties. // <i>Applied surface science</i> , 612 (2023), 155894, 10	6,3 (2023.)	5,9 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,7 (2023.)
				PHYSICS, APPLIED	Q1	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q1	2,6 (2023.)
4.	Bafti, Arijeta; Rukavina, Marko; Mandić, Vilko; Panžić, Ivana; Pavić, Luka; Krajnc, Andraž; Volavšek, Janez. Monitoring of the conductivity properties with respect to the development of geopolymer network. // <i>Ceramics international</i> , 49 (2023), 14 B; 24598-24610	5,1 (2023.)	4,7 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)
5.	Barbarić, Joško; Žižek, Krunoslav; Rogošić, Marko. Estimation of lurasidone hydrochloride equilibrium solubility in a polymeric solid dispersion using thermal analysis and thermodynamic modeling. // <i>Journal of dispersion science and technology</i> , 44 (2023), 6; 965-978	1,9 (2023.)	2,2 (2023.)	CHEMISTRY, PHYSICAL	Q4	3,2 (2023.)
6.	Batelić, Jakov; Špada, Vedrana; Kršulja, Marko; Martinez, Sanja. Thermal-power-plant condenser-tube corrosion analysis. // <i>Materiali in tehnologije</i> , 57 (2023), 4; 317-323	0,6 (2023.)	0,6 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q4	1,5 (2023.)
7.	Bauer, Leonard; Rogina, Anamarija; Ivanković, Marica; Ivanković, Hrvoje. Medical-grade poly(lactic acid)/hydroxyapatite composite films: thermal and in vitro degradation properties. // <i>Polymers</i> , 15 (2023), 6; 1512, 16	4,7 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)
8.	Beč, Anja; Cindrić, Maja; Persoons, Leentje; Banjanac, Mihailo; Radovanović, Vedrana; Daelemans, Dirk; Hranjec, Marijana. Novel biologically active N-substituted benzimidazole derived Schiff bases: design, synthesis and biological evaluation. // <i>Molecules</i> , 28 (2023), 9; 3720, 18	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)

9.	Beč, Anja; Racané, Livio; Tomić, Teo; Persoons, Leentje; Daelemans, Dirk; Banjanac, Mihailo; Radovanović, Vedrana; Hranjec, Marijana. Novel hydroxy- and amidino-substituted benzimidazoles and benzothiazoles as antibacterial and antiproliferative agents. // <i>Future medicinal chemistry</i> , 15 (2023), 14; 1251-1272	3,2 (2023.)	3,7 (2023.)	CHEMISTRY, MEDICINAL	Q3	3,4 (2023.)
10.	Beč, Anja; Racané, Livio; Žonja, Lucija; Persoons, Leentje; Daelemans, Dirk; Starčević, Kristina; Vianello, Robert; Hranjec, Marijana. Biological evaluation of novel amidino substituted coumarin-benzazole hybrids as promising therapeutic agents. // <i>RSC medicinal chemistry</i> , 14 (2023), 5; 957-968	4,1 (2023.)	4,1 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MEDICINAL	Q2	3,4 (2023.)
11.	Beč, Anja; Vianello, Robert; Hranjec, Marijana. Synthesis and spectroscopic characterization of multifunctional D-π-A benzimidazole derivatives as potential pH sensors. // <i>Journal of molecular liquids</i> , 386 (2023), 122493, 11	5,3 (2023.)	5,2 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q1	2,1 (2023.)
12.	Begović Kovač, Erna. Convergence of a Jacobi-type method for the approximate orthogonal tensor diagonalization. // <i>Calcolo</i> , 60 (2023), 1; 3, 20	1,4 (2023.)	1,8 (2023.)	MATHEMATICS	Q1	0,7 (2023.)
				MATHEMATICS, APPLIED	Q2	1,1 (2023.)
13.	Bhadrao, D.; Pavić, Luka; Bafti, Arijeta; Pisk, Jana; Venkata Sekhar, A.; Naga Koti Reddy, G.; Ravi Kumar, V.; Sahaya Baskaran, G.; Naga Raju, G.; Veeraiah, N. Dielectric characteristics and A.C. conductivity of Pb ₃ O ₄ -Bi ₂ O ₃ -B ₂ O ₃ :CuO glass ceramics with CuBi ₂ O ₄ crystal phase: a possible electrode material for ionic batteries. // <i>ECS Journal of solid state science and technology</i> , 12 (2023), 10; 103003, 15	1,8 (2023.)	2,0 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q3	2,5 (2023.)
14.	Blažić, Roko; Marušić, Katarina; Vidović, Elvira. Swelling and viscoelastic properties of cellulose-based hydrogels prepared by free radical polymerization of dimethylaminoethyl methacrylate in cellulose solution. // <i>Gels</i> , 9 (2023), 2; 94, 25	5,0 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)
15.	Boček Pavlinac, Ida; Dragić, Mirna; Persoons, Leentje; Daelemans, Dirk; Hranjec, Marijana. Synthesis and antiproliferative activity of 2,6-disubstituted imidazo[4,5-b]pyridines prepared by Suzuki cross coupling. // <i>Molecules</i> , 28 (2023), 20; 7208, 17	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
16.	Boček Pavlinac, Ida; Zlatić, Katarina; Persoons, Leentje; Daelemans, Dirk; Banjanac, Mihailo; Radovanović, Vedrana; Butković, Kristina; Kralj, Marijeta; Hranjec, Marijana. Biological activity of amidino-substituted imidazo [4,5-b]pyridines. // <i>Molecules</i> , 28 (2023), 1; 34, 16	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
17.	Bogdan, Lucija; Palčić, Ana; Duplančić, Marina; Leskovac, Mirela; Tomašić, Vesna. Eco-friendly synthesis of TiO ₂ /ZIF-8 composites: Characterisation and application for the removal of imidacloprid from wastewater. // <i>Processes</i> , 11 (2023), 3; 963, 15	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
18.	Božičević, Marin; Fiket, Lucija; Vujasinović, Magdalena; Blažić, Roko; Kovačić, Marin; Katančić, Zvonimir. Investigation of the conditions for the synthesis of poly(3,4-ethylenedioxythiophene) ATRP macroinitiator. // <i>Polymers</i> , 15 (2023), 2; 253, 18	4,7 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)
19.	Božinović, Marko; Vičević, Renata; Zekić, Nikolina; Šalić, Anita; Jurinjak Tušek, Ana; Zelić, Bruno. Intensification of endo-1,4-xylanase extraction by coupling microextractors and aqueous two-phase system. // <i>Processes</i> , 11 (2023), 2; 447, 16	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)

20.	Bratovčić, Amra; Tomašić, Vesna. Design and development of photocatalytic systems for reduction of CO ₂ into valuable chemicals and fuels. // <i>Processes</i> , 11 (2023), 5; 1433, 28	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q ₂	2,7 (2023.)
21.	Brleković, Filip; Mužina, Katarina; Kurajica, Stanislav. Characterization of sol-gel derived cobalt-doped willemite via 2D correlation spectroscopy. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 163-173	1,6 (2023.)	1,6 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q ₄	2,8 (2023.)
				ENGINEERING, CHEMICAL	Q ₃	2,7 (2023.)
22.	Bubalo, Anđelina; Vouk, Dražen; Ćurković, Lidija; Rogošić, Marko; Nakić, Domagoj; Cheeseman, Christopher. Influence of combustion temperature on the performance of sewage sludge ash as a supplementary material in manufacturing bricks. // <i>Construction and building materials</i> , 404 (2023), 133126, 14	7,4 (2023.)	8,0 (2023.)	CONSTRUCTION & BUILDING TECHNOLOGY	Q ₁	2,0 (2023.)
				ENGINEERING, CIVIL	Q ₁	1,9 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₁	3,0 (2023.)
23.	Bule Možar, Kristina; Miloloža, Martina; Martinjak, Viktorija; Cvetnić, Matija; Kušić, Hrvoje; Bolanča, Tomislav; Kučić Grgić, Dajana; Ukić, Šime. Potential of advanced oxidation as pretreatment for microplastics biodegradation. // <i>Separations</i> , 10 (2023), 2; 132, 26	2,5 (2023.)	2,6 (2023.)	CHEMISTRY, ANALYTICAL	Q ₃	2,6 (2023.)
24.	D'Abbrunzo, Ilenia; Bianco, Emma; Gigli, Lara; Demitri, Nicola; Birolo, Rebecca; Chierotti, Michele R.; Škorić, Irena; Keiser, Jennifer; Häberli, Cécile; Voinovich, Dario; Hasa, Dritan; Perissutti, Beatrice. Praziquantel meets niclosamide: a dual-drug antiparasitic cocrystal. // <i>International journal of pharmaceutics</i> , 644 (2023), 123315, 12	5,3 (2023.)	5,6 (2023.)	PHARMACOLOGY & PHARMACY	Q ₁	2,6 (2023.)
25.	Dolar, Davor; Curić, Iva; Ašperger, Danijela. Removal, adsorption, and cleaning of pharmaceutical on polyamide RO and NF membranes. // <i>Polymers</i> , 15 (2023), 12; 2745, 14	4,7 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q ₁	2,6 (2023.)
26.	Gavran, Matea; Ujević Andrijić, Zeljka; Bolf, Nenad; Rimac, Nikola; Sacher, Josip; Šahnić, Damir. Development of a calibration model for real-time solute concentration monitoring during crystallization of ceritinib using Raman spectroscopy and in-line process microscopy. // <i>Processes</i> , 11 (2023), 12; 3439, 15	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q ₂	2,7 (2023.)
27.	Glavaš, Mladena; Zlatić, Katarina; Jadreško, Dijana; Ljubić, Ivan; Basarić, Nikola. Fluorescent pH sensors based on BODIPY structure sensitive in acidic media. // <i>Dyes and pigments</i> , 220 (2023), 111660, 11	4,1 (2023.)	3,7 (2023.)	CHEMISTRY, APPLIED	Q ₂	2,3 (2023.)
				ENGINEERING, CHEMICAL	Q ₂	2,7 (2023.)
				MATERIALS SCIENCE, TEXTILES	Q ₁	1,3 (2023.)
28.	Gotovuša, Mia; Pečurlić, Ivona; Petrić, Valentino; Huzjak, Paula; Krasić, Marta; Zadavec, Martina; Konjević, Lucija; Faraguna, Fabio. Influence of reaction parameters and feedstock type on the synthesis of fatty acid propyl, butyl, isobutyl, pentyl, and isopentyl esters. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 123-142	1,6 (2023.)	1,6 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q ₄	2,8 (2023.)
				ENGINEERING, CHEMICAL	Q ₃	2,7 (2023.)
29.	Gotovuša, Mia; Racar, Marko; Konjević, Lucija; Parlov Vuković, Jelena; Faraguna, Fabio. The influence of the reaction parameters on the synthesis of fatty acid octyl esters and investigation of applications properties of its blends with mineral diesel. // <i>Energies</i> , 16 (2023), 7; 3071, 17	3,0 (2023.)	3,0 (2023.)	ENERGY & FUELS	Q ₃	4,0 (2023.)

30.	Grčić, Ivana; Mutavdžić Pavlović, Dragana; Brnardić, Ivan; Gazivoda Kraljević, Tatjana; Tolić Čop, Kristina; Radetić, Lucija; Runje, Mislav. Degradation of typical environmental pollutants (ciprofloxacin, carbamazepine and 17-β estradiol) on supported TiO ₂ photocatalysts: Identification of degradation products and in silico toxicity assessment. // <i>Journal of environmental chemical engineering</i> , 11 (2023), 6; 111438, 14	7,4 (2023.)	7,3 (2023.)	ENGINEERING, CHEMICAL	Q ₁	2,7 (2023.)
				ENGINEERING, ENVIRONMENTAL	Q ₁	3,7 (2023.)
31.	Gutiérrez, Marina; Verlicchi, Paola; Mutavdžić Pavlović, Dragana. Study of the influence of the wastewater matrix in the adsorption of three pharmaceuticals by powdered activated carbon. // <i>Molecules</i> , 28 (2023), 5; 2098, 21	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₂	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
32.	Herceg, Srećko; Ujević Andrijić, Željka; Rimac, Nikola; Bolf, Nenad. Development of mathematical models for industrial processes using dynamic neural networks. // <i>Mathematics</i> , 11 (2023), 21; 4518, 17	2,3 (2023.)	2,2 (2023.)	MATHEMATICS	Q ₁	0,7 (2023.)
33.	Ibrahim, Ahmed; Shiraishi, Mikan; Homonnay, Zoltán; Krehula, Stjepko; Marcuš, Marijan; Bafti, Arijeta; Pavić, Luka; Kubuki, Shiro. Photocatalytic and cathode active abilities of Ni-substituted α-FeOOH nanoparticles. // <i>International journal of molecular sciences</i> , 24 (2023), 18; 14300, 27	4,9 (2023.)	5,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₁	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
34.	Ivanišević, Irena. The role of silver nanoparticles in electrochemical sensors for aquatic environmental analysis. // <i>Sensors</i> , 23 (2023), 7; 3692, 52	3,4 (2023.)	3,7 (2023.)	CHEMISTRY, ANALYTICAL	Q ₂	2,6 (2023.)
				ENGINEERING, ELECTRICAL & ELECTRONIC	Q ₂	2,3 (2023.)
				INSTRUMENTS & INSTRUMENTATION	Q ₂	2,1 (2023.)
35.	Ivanković, Tomislav; Turk, Helena; Hrenović, Jasna; Schauerperl, Zdravko; Ivanković, Marica; Ressler, Antonia. Antibacterial activity of silver doped hydroxyapatite toward multidrug-resistant clinical isolates of <i>Acinetobacter baumannii</i> . // <i>Journal of hazardous materials</i> , 458 (2023), 131867, 9	12,2 (2023.)	11,9 (2023.)	ENGINEERING, ENVIRONMENTAL	Q ₁	3,7 (2023.)
				ENVIRONMENTAL SCIENCES	Q ₁	3,0 (2023.)
36.	Jakopec, Silvio; Gourdon-Grünewaldt, Lisa; Čipor, Ivona; Mešić Macan, Andrijana; Perić, Berislav; Piantanida, Ivo; Cariou, Kevin; Gasser, Gilles; Kirin, Srećko I.; Raić-Malić, Silvana. Synthesis, characterisation and biological evaluation of monometallic Re(I) and heterobimetallic Re(I)/Fe(II) complexes with a 1,2,3-triazolyl pyridine chelating moiety. // <i>Dalton transactions</i> , 52 (2023), 27; 9482-9498	3,5 (2023.)	3,3 (2023.)	CHEMISTRY, INORGANIC & NUCLEAR	Q ₂	2,3 (2023.)
37.	Jurina, Tamara; Sokač Cvetnić, Tea; Šalić, Anita; Benković, Maja; Valinger, Davor; Gajdoš Kljusurić, Jasenka; Zelić, Bruno; Jurinjak Tušek, Ana. Application of spectroscopy techniques for monitoring (bio)catalytic processes in continuously operated microreactor systems. // <i>Catalysts</i> , 13 (2023), 4; 690, 29	3,8 (2023.)	3,9 (2023.)	CHEMISTRY, PHYSICAL	Q ₂	3,2 (2023.)
38.	Kalebić, Barbara; Bafti, Arijeta; Cajner, Hrvoje; Marcuš, Marijan; Matijašić, Gordana; Čurković, Lidija. Optimization of ciprofloxacin adsorption on clinoptilolite-based adsorbents using response surface methodology. // <i>Nanomaterials</i> , 13 (2023), 4; 740, 25	4,4 (2023.)	4,7 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₂	3,0 (2023.)
				NANOSCIENCE & NANOTECHNOLOGY	Q ₂	3,8 (2023.)
				PHYSICS, APPLIED	Q ₂	2,5 (2023.)

39.	Kapitanović, Angela; Otmačić Čurković, Helena. The influence of phosphonic acid pretreatment on the bronze corrosion protection by waterborne coating. // <i>Journal of solid state electrochemistry</i> , 27 (2023), 7; 1861-1875	2,6 (2023.)	2,5 (2023.)	ELECTROCHEMISTRY	Q3	2,7 (2023.)
40.	Katić, Jozefina; Krivačić, Sara; Petrović, Željka; Mikić, Dajana; Marčuš, Marijan. Titanium implant alloy modified by electrochemically deposited functional bioactive calcium phosphate coatings. // <i>Coatings</i> , 13 (2023), 3; 640, 18	2,9 (2023.)	3,1 (2023.)	MATERIALS SCIENCE, COATINGS & FILMS	Q2	2,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
41.	Keerti Kut, T.V.N.; Bafti, Arijeta; Pisk, Jana; Pavić, Luka; Venkata Sekhar, A.; Naresh, P.; Siva Sesha Reddy, A.; Naga Raju, G.; Ravi Kumar, V.; Veeraiah, N. Dielectric features of Au ₂ O ₃ doped Li ₂ O-SiO ₂ glass system-influence of Pb ₃ O ₄ . // <i>Journal of non-crystalline solids</i> , 599 (2023), 121954, 16	3,2 (2023.)	3,2 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
42.	Klemenčić, Mia; Bolanča Mirković, Ivana; Bolf, Nenad. The influence of the production stages of cardboard pharmaceutical packaging on the circular economy. // <i>Sustainability</i> , 15 (2023), 24; 16882, 15	3,3 (2023.)	3,6 (2023.)	ENVIRONMENTAL SCIENCES	Q2	3,0 (2023.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q3	4,2 (2023.)
43.	Konjević, Lucija; Racar, Marko; Ilinčić, Petar; Faraguna, Fabio. A comprehensive study on application properties of diesel blends with propanol, butanol, isobutanol, pentanol, hexanol, octanol and dodecanol. // <i>Energy</i> , 262 A (2023), 125430, 12	9,0 (2023.)	8,2 (2023.)	ENERGY & FUELS	Q1	4,0 (2023.)
				THERMODYNAMICS	Q1	1,9 (2023.)
44.	Kosar, Vanja; Križanac, Ana-Marija; Zelić, Ivana Elizabeta; Kurajica, Stanislav; Tomašić, Vesna. Photocatalytic degradation of neonicotinoid insecticides over perlite-supported TiO ₂ . // <i>Processes</i> , 11 (2023), 9; 2588, 15	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
45.	Kovačić, Simona; Lovrinčević, Vilma; Vuković Domanovac, Marija; Vuk, Dragana. Amoxicillin biodegradation with <i>Bacillus subtilis</i> and <i>Pseudomonas aeruginosa</i> : Characterization of relevant degradation products. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 175-179	1,6 (2023.)	1,6 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,8 (2023.)
				ENGINEERING, CHEMICAL	Q3	2,7 (2023.)
46.	Kraljić Roković, Marijana; Otmačić Čurković, Helena. Paving the way for electrochemistry in Croatia: activities and the most important scientists. // <i>Journal of solid state electrochemistry</i> , 27 (2023), 7; 1731-1739	2,6 (2023.)	2,5 (2023.)	ELECTROCHEMISTRY	Q3	2,7 (2023.)
47.	Kropek, Matija; Bival Štefan, Maja; Rajkovača, Katarina; Petković, Tea; Cvetnić, Matija; Bolanča, Tomislav; Vladimir-Knežević, Sanda. Comparative phenolic profiles of monovarietal wines from different Croatian regions. // <i>Applied sciences (Basel)</i> , 13 (2023), 5; 3031, 20	2,5 (2023.)	2,7 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
				ENGINEERING, MULTIDISCIPLINARY	Q1	1,3 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
48.	Kučić Grgić, Dajana; Miloloža, Martina; Ocelić Bulatović, Vesna; Ukić, Šime; Slouf, Miroslav; Gajdosova, Veronika. Screening the efficacy of a microbial consortium of bacteria and fungi isolated from different environmental samples for the degradation of LDPE/TPS films. // <i>Separations</i> , 10 (2023), 2; 79, 19	2,5 (2023.)	2,6 (2023.)	CHEMISTRY, ANALYTICAL	Q3	2,6 (2023.)

49.	Kurajica, Stanislav; Grčić, Ivana; Minga, Iva; Mandić, Vilko; Mužina, Katarina. Hydrothermally-derived silver-decorated nanocrystalline anatase photocatalyst for Reactive Violet 2 photodegradation. // <i>Processes</i> , 11 (2023), 1; 210, 13	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
50.	Kurajica, Stanislav; Mandić, Vilko; Mužina, Katarina; Panžić, Ivana; Kralj, Damir; Duplančić, Marina; Ivković, Ivana Katarina. Thermal stability and properties of Pd/CeAlO ₃ catalyst prepared by combustion synthesis. // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 20; 10481-10490	3,0 (2023.)	3,2 (2023.)	CHEMISTRY, ANALYTICAL	Q2	2,6 (2023.)
				CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				THERMODYNAMICS	Q2	1,9 (2023.)
51.	Kurajica, Stanislav; Mužina, Katarina; Simčić, Ivan; Mandić, Vilko. Thermal evolution of gels prepared by chelation of aluminum sec-butoxide with ethyl acetoacetate in various amounts. // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 4; 1231-1239	3,0 (2023.)	3,2 (2023.)	CHEMISTRY, ANALYTICAL	Q2	2,6 (2023.)
				CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				THERMODYNAMICS	Q2	1,9 (2023.)
52.	Kurajica, Stanislav; Vuković Domanovac, Marija; Mužina, Katarina. Polyol synthesis of Ag nanowires and biocidal activity of the obtained product. // <i>Macedonian journal of chemistry and chemical engineering</i> , 42 (2023), 2; 275-282	1,1 (2023.)	1,0 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,5 (2023.)
				ENGINEERING, CHEMICAL	Q4	2,7 (2023.)
53.	Licht, Katarina; Halkijevic, Ivan; Posavcic, Hana; Kosar, Vanja. Study of ultrasound, initial concentration and electrode material on the electrochemical removal of selenium and strontium. // <i>Chemical engineering and processing</i> , 191 (2023), 109457, 10	3,8 (2023.)	3,8 (2023.)	ENERGY & FUELS	Q3	4,0 (2023.)
				ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
54.	Licht, Katarina; Kosar, Vanja; Tomašić, Vesna; Duplančić, Marina. Removal of the neonicotinoid insecticide acetamiprid from wastewater using heterogeneous photocatalysis. // <i>Environmental technology</i> , 44 (2023), 8; 1125-1134	2,2 (2023.)	2,4 (2023.)	ENVIRONMENTAL SCIENCES	Q3	3,0 (2023.)
55.	Liverić, Lovro; Holjevac Grgurić, Tamara; Govorčin Bajić, Emi; Kršulja, Marko. Effect of silver addition on Cu-based shape memory alloys. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 153-161	1,6 (2023.)	1,6 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,8 (2023.)
				ENGINEERING, CHEMICAL	Q3	2,7 (2023.)
56.	Liverić, Lovro; Holjevac Grgurić, Tamara; Mandić, Vilko; Chulist, Robert. Influence of manganese content on martensitic transformation of Cu-Al-Mn-Ag alloy. // <i>Materials</i> , 16 (2023), 17; 5782, 13	3,1 (2023.)	3,4 (2023.)	CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q2	2,6 (2023.)
57.	Lončarević, Andrea; Malbaša, Zoran; Kovačić, Marin; Ostojić, Karla; Angaitis, Ange; Skoko, Željko; Szpunar, Joanna; Urlić, Inga; Gallego Ferrer, Gloria; Rogina, Anamarija. Copper-zinc/chitosan complex hydrogels: Rheological, degradation and biological	7,7 (2023.)	7,7 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q1	3,2 (2023.)
				CHEMISTRY, APPLIED	Q1	2,3 (2023.)

	properties. // <i>International journal of biological macromolecules</i> , 251 (2023), 126373, 10			POLYMER SCIENCE	Q1	2,6 (2023.)
58.	Lončarević, Andrea; Ostojić, Karla; Urlić, Inga; Rogina, Anamarija. Preparation and properties of bimetallic chitosan spherical microgels. // <i>Polymers</i> , 15 (2023), 6; 1480, 15	4,7 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)
59.	Lovrinčević, Vilma; Guo, Yan; Vuk, Dragana; Škorić, Irena; Ma, Jiani; Basarić, Nikola. 3-Substituted 2-aminonaphthalene photocages for carboxylic acids and alcohols; decaging mechanism and potential applications in synthesis. // <i>Journal of organic chemistry</i> , 88 (2023), 21; 15176-15188	3,4 (2023.)	3,2 (2023.)	CHEMISTRY, ORGANIC	Q1	1,9 (2023.)
60.	Lovrinčević, Vilma; Vuk, Dragana; Skorić, Irena; Despotović, Ines. Mechanistic insights into the thermal transformations of heterocyclic o-distyrylbenzenes: an experimental and computational study. // <i>New journal of chemistry</i> , 47 (2023), 38; 17937-17950	2,7 (2023.)	2,8 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
61.	Ljubas, Davor; Juretić, Hrvoje; Badrov, Alan; Biošić, Martina; Babić, Sandra. Photocatalytic degradation of pharmaceutical trimethoprim in aqueous solution over nanostructured TiO ₂ film irradiated with simulated solar radiation. // <i>Applied sciences (Basel)</i> , 13 (2023), 9; 5681, 15	2,5 (2023.)	2,7 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
				ENGINEERING, MULTIDISCIPLINARY	Q1	1,3 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
62.	Ljubek, Gabrijela; Kralj, Magdalena; Kraljić Roković, Marijana. Fluorine-free mechanochemical synthesis of MXene. // <i>Materials science and technology</i> , 39 (2023), 13; 1645-1649	1,7 (2023.)	2,3 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q2	1,5 (2023.)
63.	Ljubić, Anabela; Salić, Anita; Skorić, Irena. Synthesis of hydroxylated stilbenes in a batch and flow reactor: an overview. // <i>ChemistrySelect</i> , 8 (2023), 39; e202303375, 16	1,9 (2023.)	1,9 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q3	2,5 (2023.)
64.	Macan, Jelena. Application of thermal analysis methods in biology and medicine. // <i>Periodicum biologorum</i> , 125 (2023), 1-2; 75-100	0,2 (2023.)	0,4 (2023.)	BIOLOGY	Q4	1,9 (2023.)
65.	Mandić, Vilko; Kurajica, Stanislav; Panžić, Ivana; Bafti, Arijeta; Šipušić, Juraj; Mužina, Katarina; Brleković, Filip; Gigli, Lara; Gaboardi, Mattia. Utilization of conventional PXRD apparatus for characterization of thin-films using reconsidered equations for XRR. // <i>Surfaces and interfaces</i> , 36 (2023), 102554, 10	5,7 (2023.)	5,8 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,7 (2023.)
				PHYSICS, APPLIED	Q1	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q1	2,6 (2023.)
66.	Mandić, Vilko; Panžić, Ivana; Brnardić, Ivan; Jajčinović, Igor; Mičetić, Maja. Lateral and vertical evolution of the compositional and morphological profiles in nanostructured photocatalytic titania thin films. // <i>Applied surface science</i> , 613 (2023), 156047, 27	6,3 (2023.)	5,9 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,7 (2023.)
				PHYSICS, APPLIED	Q1	2,5 (2023.)

				PHYSICS, CONDENSED MATTER	Q1	2,6 (2023.)
67.	Mandić, Vilko; Panžić, Ivana; Kraljić Roković, Marijana; Gaboardi, Mattia. Breakdown of the anodized nanostructured anatase for photovoltaic devices: The effect of water content in the electrolyte on preparation of large surfaces of nanotubes. // <i>Ceramics international</i> , 49 (2023), 9 B; 14844-14854	5,1 (2023.)	4,7 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)
68.	Mandić, Vilko; Radovanović-Perić, Floren; Panžić, Ivana; Vrsaljko, Domagoj. Addressing of different synthetic and shaping approaches for β -tri calcium phosphate macro-microporous scaffold fabrication. // <i>Ceramics international</i> , 49 (2023), 9 B; 14934-14940	5,1 (2023.)	4,7 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)
69.	Maračić, Silvija; Jakopec, Silvio; Piškor, Martina; Leventić, Marijana; Lapić, Jasmina; Djaković, Senka; Cetina, Mario; Glavaš-Obrovac, Ljubica; Raić-Malić, Silvana. Mechanochemical synthesis and antiproliferative activity of novel ferrocene quinoline/quinolone hybrids. // <i>Applied organometallic chemistry</i> , 37 (2023), 7; e7124, 16	3,7 (2023.)	3,5 (2023.)	CHEMISTRY, APPLIED	Q2	2,3 (2023.)
				CHEMISTRY, INORGANIC & NUCLEAR	Q2	2,3 (2023.)
70.	Martinez, Sanja; Šoić, Ivana; Golub, Valentino; Hudec, Bojan. Comparative electrochemical impedance spectroscopy quantification of coating weathering, long-term immersion, and salt spray test outcomes. // <i>Corrosion</i> , 79 (2023), 9; 1029-1039	1,1 (2023.)	1,7 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q3	1,5 (2023.)
71.	Matoh, Lev; Žener, Boštjan; Kovačić, Marin; Kušić, Hrvoje; Arčon, Iztok; Levstek, Marjetka; Lavrenčić Stangar, Urška. Photocatalytic sol-gel/P25 TiO ₂ coatings for water treatment: Degradation of 7 selected pharmaceuticals. // <i>Ceramics international</i> , 49 (2023), 14 B; 24395-24406	5,1 (2023.)	4,7 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)
72.	Mencaroni, Letizia; Alebardi, Martina; Elisei, Fausto; Škorić, Irena; Spalletti, Anna; Carlotti, Benedetta. Unveiling the double triplet nature of the 2Ag state in conjugated stilbenoid compounds to achieve efficient singlet fission. // <i>Physical chemistry chemical physics</i> , 25 (2023), 31; 21089-21099	2,9 (2023.)	3,0 (2023.)	CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q1	2,1 (2023.)
73.	Mikić, Dajana; Otmačić Ćurković, Helena. Protection of patinated bronze with long-chain phosphonic acid/organic coating combined system. // <i>Materials</i> , 16 (2023), 4; 1660, 15	3,1 (2023.)	3,4 (2023.)	CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q2	2,6 (2023.)
74.	Mikleć, Kristina; Grčić, Ivana; Radetić, Lucija; Cingesar, Ivan Karlo; Vrsaljko, Domagoj. Photocatalytic oxidation of amoxicillin in CPC reactor over 3D printed TiO ₂ -CNT@PETG static mixers. // <i>Coatings</i> , 13 (2023), 2; 386, 14	2,9 (2023.)	3,1 (2023.)	MATERIALS SCIENCE, COATINGS & FILMS	Q2	2,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)

75.	Milčić, Nevena; Sudar, Martina; Dokli, Irena; Majerić Elenkov, Maja; Findrik Blažević, Zvezdana. Halohydrin dehalogenase-catalysed synthesis of enantiopure fluorinated building blocks: bottlenecks found and explained by applying a reaction engineering approach. // <i>Reaction chemistry & engineering</i> , 8 (2023), 3; 673-686	3,4 (2023.)	3,8 (2023.)	CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
				ENGINEERING, CHEMICAL	Q ₂	2,7 (2023.)
76.	Milčić, Nevena; Švaco, Petra; Sudar, Martina; Tang, Lixia; Findrik Blažević, Zvezdana; Majerić Elenkov, Maja. Impact of organic solvents on the catalytic performance of halohydrin dehalogenase. // <i>Applied microbiology and biotechnology</i> , 107 (2023), 7-8; 2351-2361	3,9 (2023.)	4,9 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q ₂	2,8 (2023.)
77.	Miloloža, Martina; Rozman, Ula; Kalčikova, Gabriela; Kučić Grgić, Dajana. Aquatic toxicity of polyethylene and microcrystalline cellulose microbeads used as abrasives in cosmetics. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 181-188	1,6 (2023.)	1,6 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q ₄	2,8 (2023.)
				ENGINEERING, CHEMICAL	Q ₃	2,7 (2023.)
78.	Mlakić, Milena; Čipor, Ivona; Kovačec, Petra; Kragol, Goran; Ratković, Ana; Kovačević, Tatjana; Zadravec, Rahela; Milašinović, Valentina; Molčanov, Krešimir; Piantanida, Ivo; Škorić, Irena. The benzothiazine core as a novel motif for DNA-binding small molecules. // <i>Molecules</i> , 28 (2023), 11; 4499, 16	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₂	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
79.	Mlakić, Milena; Đurčević, Ema; Odak, Ilijana; Barić, Danijela; Juričević, Ines; Šagud, Ivana; Burčul, Franko; Lasić, Zlata; Marinić, Željko; Škorić, Irena. Thieno-thiazolostilbenes, thienobenzo-thiazoles and naphtho-oxazoles: Computational study and cholinesterase inhibitory activity. // <i>Molecules</i> , 28 (2023), 9; 3781, 22	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₂	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
80.	Mlakić, Milena; Faraho, Ivan; Odak, Ilijana; Kovačević, Borislav; Raspudić, Anamarija; Šagud, Ivana; Bosnar, Martina; Škorić, Irena; Barić, Danijela. Cholinesterase inhibitory and anti-inflammatory activity of the naphtho- and thienobenzo-triazole photoproducts: experimental and computational study. // <i>International journal of molecular sciences</i> , 24 (2023), 19; 14676, 21	4,9 (2023.)	5,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₁	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
81.	Mlakić, Milena; Odak, Ilijana; Faraho, Ivan; Bosnar, Martina; Banjanac, Mihailo; Lasić, Zlata; Marinić, Željko; Barić, Danijela; Škorić, Irena. Synthesis, photochemistry, computational study and potential application of new styryl-thiophene and naphtho-thiophene benzylamines. // <i>International journal of molecular sciences</i> , 24 (2023), 1; 610, 21	4,9 (2023.)	5,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₁	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
82.	Mlakić, Milena; Selec, Ida; Čaleta, Irena; Odak, Ilijana; Barić, Danijela; Ratković, Ana; Molčanov, Krešimir; Škorić, Irena. New thienobenzo/naphtho-triazoles as butyrylcholinesterase inhibitors: design, synthesis and computational study. // <i>International journal of molecular sciences</i> , 24 (2023), 6; 5879, 18	4,9 (2023.)	5,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₁	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
83.	Molnar, Maja; Gazivoda Kraljević, Tatjana; Pavić, Valentina; Rastija, Vesna; Komar, Mario. Environmentally friendly approach to the synthesis of 3-[benzylideneamino]-2-nethylquinazolin-4(3H)-one derivatives and calculation of their toxicity. // <i>Chemistry & biodiversity</i> , 20 (2023), 8; e202300575, 7	2,3 (2023.)	2,5 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₃	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₃	2,5 (2023.)

84.	Morović, Silvia; Vezjak Fluksi, Alegra; Babić, Sandra; Košutić, Krešimir. Impact of polymer chain rearrangements in the PA structure of RO membranes on water permeability and N-nitrosamine rejection. // <i>Molecules</i> , 28 (2023), 16; 6124, 20	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
85.	Mustapić, Mislav; Bafti, Arijeta; Glumac, Zvonko; Pavić, Luka; Skoko, Željko; Šegota, Suzana; Klaser, Teodoro; Nedeljković, Robert; Kamal Masud, Mostafa; Alothman, Asma A.; Sheikh Saleh Mushab, Mohammed; Al Hossain, Md Shahriar. Magnetic nanocellulose: influence of structural features on conductivity and magnetic properties. // <i>Cellulose</i> , 30 (2023), 2; 1149-1169	4,9 (2023.)	5,3 (2023.)	MATERIALS SCIENCE, PAPER & WOOD	Q1	1,2 (2023.)
				MATERIALS SCIENCE, TEXTILES	Q1	1,3 (2023.)
				POLYMER SCIENCE	Q1	2,6 (2023.)
86.	Mutavdžić Pavlović, Dragana; Babić, Sandra; Čizmić, Mirta; Sertić, Miranda; Pinušić, Tea. Simultaneous determination of macrolides in water samples by solid-phase extraction and capillary electrophoresis. // <i>Acta pharmaceutica</i> , 73 (2023), 4; 515-535	2,1 (2023.)	2,4 (2023.)	PHARMACOLOGY & PHARMACY	Q3	2,6 (2023.)
87.	Mužević, Matko; Lukačević, Igor; Kovač, Ivan; Gracin, Davor; Žužić, Andreja; Macan, Jelena; Varga Pajtler, Maja. Potential of AMnO ₃ (A= Ca, Sr, Ba, La) as active layer in inorganic perovskite solar cells. // <i>ChemPhysChem</i> , 24 (2023), 9; e202200837, 9	2,3 (2023.)	2,8 (2023.)	CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	Q2	2,1 (2023.)
88.	Mužina, Katarina; Kurajica, Stanislav; Brleković, Filip; Jozić, Dražan; Dražić, Goran; Volf, Lucija; Bach-Rojecky, Helena. Thermal stability study of hydrothermally derived copper-doped cerium (IV) oxide nanoparticles. // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 4; 1657-1667	3,0 (2023.)	3,2 (2023.)	CHEMISTRY, ANALYTICAL	Q2	2,6 (2023.)
				CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				THERMODYNAMICS	Q2	1,9 (2023.)
89.	Naga Koti Reddy, G.; Venkata Sekhar, A.; Pavić, Luka; Bafti, Arijeta; Pisk, Jana; Siva Sessa Reddy, A.; Venkatramaiah, N.; Naga Raju, G.; Ravi Kumar, V.; Veeraiah, N. The influence of Au ₂ O ₃ on insulating character of ZnO-P ₂ O ₅ -SeO ₂ glass system: investigation by means of dielectric studies. // <i>Applied physics. A, Materials science & processing</i> , 129 (2023), 3; 208, 16	2,5 (2023.)	2,6 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
90.	Novak Jovanović, Ivana; Vianello, Robert; Jadreško, Dijana; Racané, Livio; Hranjec, Marijana. Electrochemical oxidation and superoxide radical scavenging activity of 2-hydroxy/methoxy-phenylbenzothiazole derivatives. // <i>Journal of electroanalytical chemistry</i> , 947 (2023), 117787, 11	4,1 (2023.)	4,0 (2023.)	CHEMISTRY, ANALYTICAL	Q1	2,6 (2023.)
				ELECTROCHEMISTRY	Q2	2,7 (2023.)
91.	Ocelić Bulatović, Vesna; Kučić Grgić, Dajana; Mandić, Vilko; Miloloža, Martina; Dybal, Jiri; Gajdosova, Veronika; Slouf, Miroslav. Biodegradation of LDPE_TPS blends under controlled composting conditions. // <i>Polymer bulletin</i> , 80 (2023), 3; 3331-3357	3,1 (2023.)	3,0 (2023.)	POLYMER SCIENCE	Q2	2,6 (2023.)
92.	Panžić, Ivana; Mandić, Vilko; Mangalam, Jimmy; Rath, Thomas; Radovanović-Perić, Floren; Gaboardi, Mattia; de Coen, Brend; Bals, Sara; Schrenker, Nadine. In-situ structural degradation study of quadruple-cation perovskite solar cells with nanostructured charge transfer layer. // <i>Ceramics international</i> , 49 (2023), 14 B; 24475-24486	5,1 (2023.)	4,7 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)

93.	Papac, Josipa; García Ballesteros, Sara; Tonković, Stefani; Kovačić, Marin; Tomić, Antonija; Cvetnić, Matija; Kušić, Hrvoje; Senta, Ivan; Terzić, Senka; Ahel, Marijan; Wang, Zhaohui; Lončarić Božić, Ana. Degradation of pharmaceutical memantine by photo-based advanced oxidation processes: Kinetics, pathways and environmental aspects. // <i>Journal of environmental chemical engineering</i> , 11 (2023), 2; 109334, 13	7,4 (2023.)	7,3 (2023.)	ENGINEERING, CHEMICAL	Q1	2,7 (2023.)
				ENGINEERING, ENVIRONMENTAL	Q1	3,7 (2023.)
94.	Papac Zjačić, Josipa; Tonković, Stefani; Pulitika, Anamarija; Katančić, Zvonimir; Kovačić, Marin; Kušić, Hrvoje; Hrnjak-Murgić, Zlata; Lončarić Božić, Ana. Effect of aging on physicochemical properties and size distribution of PET microplastic: influence on adsorption of diclofenac and toxicity assessment. // <i>Toxics</i> , 11 (2023), 7; 615, 16	3,9 (2023.)	4,2 (2023.)	ENVIRONMENTAL SCIENCES	Q2	3,0 (2023.)
				TOXICOLOGY	Q1	2,8 (2023.)
95.	Perović, Klara; Kovačić, Marin; Kraljić Roković, Marijana; Kušić, Hrvoje; Genorio, Boštjan; Lavrenčić Štangar, Urška; Lončarić Božić, Ana. The development of ternary-based TiO ₂ -SnS ₂ /GO-RGO composite material for photocatalytic H ₂ production under Solar light irradiation. // <i>Materials research bulletin</i> , 167 (2023), 112418, 13	5,3 (2023.)	4,5 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
96.	Perović, Klara; Morović, Silvia; Jukić, Ante; Košutić, Krešimir. Alternative to conventional solutions in the development of membranes and hydrogen evolution electrocatalysts for application in proton exchange membrane water electrolysis: a review. // <i>Materials</i> , 16 (2023), 18; 6319, 32	3,1 (2023.)	3,4 (2023.)	CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q2	2,6 (2023.)
97.	Peršić, Ana; Popov, Nina; Kratožil Krehula, Ljerka; Krehula, Stjepko. The influence of different hematite (α -Fe ₂ O ₃) particles on the thermal, optical, mechanical, and barrier properties of LDPE/hematite composites. // <i>Materials</i> , 16 (2023), 2; 706, 14	3,1 (2023.)	3,4 (2023.)	CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q2	2,6 (2023.)
98.	Petrović, Željka; Ristić, Mira; Kraljić Roković, Marijana; Zadro, Krešo; Kuzmann, Ernő; Homonnay, Zoltán; Musić, Svetozar; Krehula, Stjepko. Effects of Pt and Ru doping on the magnetic, optical, photoelectrochemical and photocatalytic properties of electrospun hematite (α -Fe ₂ O ₃) fibres. // <i>Journal of materials research</i> , 38 (2023), 4; 974-989	2,7 (2023.)	3,0 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
99.	Plenča, Karla; Cvetnić, Sara; Prskalo, Helena; Kovačić, Marin; Cvetnić, Matija; Kušić, Hrvoje; Matusinović, Zvonimir; Kraljić Roković,	3,1 (2023.)	3,4 (2023.)	CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)

	Marijana; Genorio, Boštjan; Lavrenčič Štangar, Urška; Lončarić Božić, Ana. Biomass pyrolysis-derived biochar: a versatile precursor for graphene synthesis. // <i>Materials</i> , 16 (2023), 24; 7658, 17			MATERIALS SCIENCE, MULTIDISCIPLINARY	Q2	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
				PHYSICS, CONDENSED MATTER	Q2	2,6 (2023.)
100.	Popović, Marin; Sharifi, Tayebah; Kraljić Roković, Marijana; Genorio, Boštjan; Žener, Boštjan; Peternel, Igor; Lavrenčič Štangar, Urška; Kušić, Hrvoje; Lončarić Božić, Ana; Kovačić, Marin. Enhancing the photocatalytic performance of BiVO ₄ for micropollutant degradation by Fe and Ag photomodification. // <i>Processes</i> , 11 (2023), 9; 2803, 16	2,8 (2023.)	3,0 (2023.)	ENGINEERING, CHEMICAL	Q2	2,7 (2023.)
101.	Prlič Kardum, Jasna; Zokić, Iva; Sokač, Katarina. Could drug availability be improved through shape modification? // <i>Chemical engineering & technology</i> , 46 (2023), 11; 2292-2300	1,8 (2023.)	1,9 (2023.)	ENGINEERING, CHEMICAL	Q3	2,7 (2023.)
102.	Pršir, Kristina; Matić, Mislav; Grbić, Marlena; Mohr, Gerhard J.; Kristafor, Svjetlana; Steinberg, Ivana Murković. Naphthalimide-piperazine derivatives as multifunctional "on" and "off" fluorescent switches for pH, Hg ²⁺ and Cu ²⁺ ions. // <i>Molecules</i> , 28 (2023), 3; 1275, 22	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
103.	Pucko, Ivan; Anelić, Rafael; Faraguna, Fabio. Methacrylate terpolymers with short-chain comonomers as pour point depressants for diesel fuel and blends with biodiesel. // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 23; 13363-13373	3,0 (2023.)	3,2 (2023.)	CHEMISTRY, ANALYTICAL	Q2	2,6 (2023.)
				CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				THERMODYNAMICS	Q2	1,9 (2023.)
104.	Pucko, Ivan; Crnjac, Kristina; Faraguna, Fabio. Lauric acid-based polyol esters as potential bio-based lubricants for diesel fuel. // <i>Chemical and biochemical engineering quarterly</i> , 37 (2023), 3; 143-151	1,6 (2023.)	1,6 (2023.)	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	Q4	2,8 (2023.)
				ENGINEERING, CHEMICAL	Q3	2,7 (2023.)
105.	Racané, Livio; Ptiček, Lucija; Koštrun, Sanja; Raić-Malić, Silvana; Craig Taylor, Martin; Delves, Michael; Alsford, Sam; Olmo, Francisco; Fortes Francisco, Amanda; Kelly, John M. Bis-6-amidino-benzothiazole derivative that cures experimental stage 1 African Trypanosomiasis with a single dose. // <i>Journal of medicinal chemistry</i> , 66 (2023), 18; 13043-13057	6,9 (2023.)	7,2 (2023.)	CHEMISTRY, MEDICINAL	Q1	3,4 (2023.)
106.	Racané, Livio; Zlatić, Katarina; Cindrić, Maja; Mehić, Emina; Karminski-Zamola, Grace; Taylor, Martin C.; Kelly, John M.; Raić-Malić, Silvana; Radić Stojković, Marijana; Kralj, Marijeta et al. Synthesis and biological activity of 2-benzo[b]thienyl and 2-bithienyl amidino-substituted benzothiazole and benzimidazole derivatives. // <i>ChemMedChem</i> , 18 (2023), 18; e202300261, 13	3,6 (2023.)	3,5 (2023.)	CHEMISTRY, MEDICINAL	Q2	3,4 (2023.)
				PHARMACOLOGY & PHARMACY	Q2	2,6 (2023.)
107.	Racar, Marko; Šoljić Jerbić, Ivana; Glasovac, Zoran; Jukić, Ante.	9,0 (2023.)	8,1 (2023.)	ENERGY & FUELS	Q1	4,0 (2023.)

	Guanidine catalysts for biodiesel production: Activity, process modelling and optimization. // <i>Renewable energy</i> , 202 (2023), 1046-1053			GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q1	4,2 (2023.)
108.	Radić, Gabrijela; Perović, Klara; Sharifi, Tayebbeh; Kušić, Hrvoje; Kovačić, Marin; Kraljić Roković, Marijana. Electrochemical characterisation of the photoanode containing TiO ₂ and SnS ₂ in the presence of various pharmaceuticals. // <i>Catalysts</i> , 13 (2023), 5; 909, 15	3,8 (2023.)	3,9 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
109.	Radović, Renea; Begić, Gabrijela; Lučić Blagojević, Sanja; Karleuša, Ljerka; Špalj, Stjepan; Gobin, Ivana. Temporal dynamics of adhesion of oral bacteria to orthodontic appliances. // <i>Dental materials journal</i> , 42 (2023), 4; 469-477	1,9 (2023.)	2,4 (2023.)	DENTISTRY, ORAL SURGERY & MEDICINE	Q2	1,7 (2023.)
				MATERIALS SCIENCE, BIOMATERIALS	Q4	3,9 (2023.)
110.	Rebrović, Lucija; Jukić, Ante; Faraguna, Fabio. Influence of MWCNTs geometry and surface oxidation on rheological and thermal properties of PEG nanofluids. // <i>Journal of thermal analysis and calorimetry</i> , 148 (2023), 4; 1351-1364	3,0 (2023.)	3,2 (2023.)	CHEMISTRY, ANALYTICAL	Q2	2,6 (2023.)
				CHEMISTRY, PHYSICAL	Q3	3,2 (2023.)
				THERMODYNAMICS	Q2	1,9 (2023.)
111.	Ressler, Antonia; Ivanković, Tomislav; Ivanišević, Irena; Cvetnić, Matija; Antunović, Maja; Urlić, Inga; Ivanković, Hrvoje; Ivanković, Marica. Multiphase zinc and magnesium mono-substituted calcium phosphates derived from cuttlefish bone: A multifunctional biomaterials. // <i>Ceramics international</i> , 49 (2023), 7; 11005-11017	5,1 (2023.)	4,7 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)
112.	Ressler, Antonia; Ohlsbom, Roope; Žužić, Andreja; Gebraad, Arjen; Frankberg, Erka J.; Pakarinen, Toni-Karri; Ivanković, Hrvoje; Miettinen, Susanna; Ivanković, Marica. Chitosan/collagen/Mg, Se, Sr, Zn-substituted calcium phosphate scaffolds for bone tissue engineering applications: A growth factor free approach. // <i>European polymer journal</i> , 194 (2023), 112129, 14	5,8 (2023.)	5,3 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)
113.	Rezić, Iva; Meštrović, Ernest. Characterization of nanoparticles in antimicrobial coatings for medical applications—a review. // <i>Coatings</i> , 13 (2023), 11; 1830, 19	2,9 (2023.)	3,1 (2023.)	MATERIALS SCIENCE, COATINGS & FILMS	Q2	2,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
114.	Rujnić Havstad, Maja; Tucman, Ines; Katančić, Zvonimir; Pilipović, Ana. Influence of ageing on optical, mechanical, and thermal properties of agricultural films. // <i>Polymers</i> , 15 (2023), 17; 3638, 18	4,7 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)
115.	Samardžija, Marina; Kurtela, Marin; Vuković Domanovac, Marija; Alar, Vesna. Anticorrosion and antibacterial properties of Al NP-epoxy nanocomposite coating on grey cast iron. // <i>Coatings</i> , 13 (2023), 5; 898, 17	2,9 (2023.)	3,1 (2023.)	MATERIALS SCIENCE, COATINGS & FILMS	Q2	2,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
116.	Samardžija, Marina; Stojanović, Ivan; Vuković Domanovac, Marija; Alar, Vesna. Epoxy coating modification with metal nanoparticles to improve the anticorrosion, migration, and antibacterial properties. // <i>Coatings</i> , 13 (2023), 7; 1201, 15	2,9 (2023.)	3,1 (2023.)	MATERIALS SCIENCE, COATINGS & FILMS	Q2	2,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
				PHYSICS, APPLIED	Q2	2,5 (2023.)
117.	Satyaraju, J.; Naga Koti Reddy, G.; Bafti, Arijeta; Pavić, Luka; Venkata Sekhar, A.; Siva Sesha Reddy, A.; Ravi Kumar, V.; Veeraiah, N.	3,2 (2023.)	3,2 (2023.)	MATERIALS SCIENCE, CERAMICS	Q1	1,7 (2023.)

	Influence of HgO on dielectric features and a.c. conductivity of lithium phosphate glasses- potential material for applications in energy storage devices as electrolyte. // <i>Journal of non-crystalline solids</i> , 619 (2023), 122575, 11			MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₂	3,0 (2023.)
118.	Schauperl, Zdravko; Ivanković, Luka; Bauer, Leonard; Šolić, Sanja; Ivanković, Marica. Effects of different surface treatments of woven glass fibers on mechanical properties of an acrylic denture base material. // <i>International journal of molecular sciences</i> , 24 (2023), 2; 909, 11	4,9 (2023.)	5,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q ₁	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q ₂	2,5 (2023.)
119.	Shi, Zhen; Zeng, Hang; Zhang, Zejun; Zhang, Xiaowei; Ćurković, Lidija; Mandić, Vilko; Fu, Song; Wang, Wei; Liu, Jun; Zhao, Lizhong; Zhang, Xuefeng. Improvement on corrosion resistance of sintered Nd-Fe-B with bilayer Al/Cr thin films. // <i>Journal of magnetism and magnetic materials</i> , 565 (2023), 170222, 9	2,5 (2023.)	2,5 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₃	3,0 (2023.)
				PHYSICS, CONDENSED MATTER	Q ₃	2,6 (2023.)
120.	Šimić, Bojana; Mešić, Vanes; Đapo, Nermin; Movre Šapić, Iva; Vidak, Andrej; Alić, Amina; Erceg, Nataša. Simulation-based and video-based approaches to diversifying physics homework. // <i>Journal of Baltic science education</i> , 22 (2023), 3; 506-519	1,1 (2023.)	1,2 (2023.)	EDUCATION & EDUCATIONAL RESEARCH	Q ₃	1,2 (2023.)
121.	Sokač Cvetnić, Tea; Salić, Anita; Benković, Maja; Jurina, Tamara; Valinger, Davor; Gajdoš Kljusurić, Jasenka; Zelić, Bruno; Jurinjak Tušek, Ana. A systematic review of enzymatic kinetics in microreactors. // <i>Catalysts</i> , 13 (2023), 4; 708, 25	3,8 (2023.)	3,9 (2023.)	CHEMISTRY, PHYSICAL	Q ₂	3,2 (2023.)
122.	Suryanarayana, V.; Venkata Sekhar, A.; Bafti, Arijeta; Pavić, Luka; Siva Sessa Reddy, A.; Naga Koti Reddy, G.; Venkatramiah, N.; Ravi Kumar, V.; Veeraiah, N. Dynamical behavior of Ag ions on structural and dielectric features of As ₂ O ₃ glass ceramics containing chalcogenide oxides. // <i>Journal of non-crystalline solids</i> , 610 (2023), 122299, 17	3,2 (2023.)	3,2 (2023.)	MATERIALS SCIENCE, CERAMICS	Q ₁	1,7 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q ₂	3,0 (2023.)
123.	Šabić Runjavec, Monika; Vuković Domanovac, Marija; Jukić, Ante. Application of industrial wastewater and sewage sludge for biohydrogen production. // <i>Energies</i> , 16 (2023), 5; 2383, 15	3,0 (2023.)	3,0 (2023.)	ENERGY & FUELS	Q ₃	4,0 (2023.)
124.	Šalić, Anita; Ljubić, Anabela; Marčinko, Tomislav; Jurinjak Tušek, Ana; Cvjetko Bubalo, Marina; Tišma, Marina; Zelić, Bruno. Shifting the natural deep eutectic solvent based liquid lipase extraction from batch to continuous for more efficient process performance. // <i>Journal of cleaner production</i> , 405 (2023), 136899, 14	9,8 (2023.)	10,2 (2023.)	ENGINEERING, ENVIRONMENTAL	Q ₁	3,7 (2023.)
				ENVIRONMENTAL SCIENCES	Q ₁	3,0 (2023.)
				GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	Q ₁	4,2 (2023.)
125.	Šibalić, Darijo; Šalić, Anita; Zelić, Bruno; Tran, Nghiep Nam; Hessel, Volker; Nigam, Krishna D.P.; Tišma, Marina. Synergism of ionic liquids and lipases for lignocellulosic biomass valorization. // <i>Chemical engineering journal</i> , 461 (2023), 142011, 17	13,4 (2023.)	13,2 (2023.)	ENGINEERING, CHEMICAL	Q ₁	2,7 (2023.)
				ENGINEERING, ENVIRONMENTAL	Q ₁	3,7 (2023.)
126.	Šitum, Željko; Herceg, Srećko; Bolf, Nenad; Ujević Andrijić, Željka. Design, construction and control of a manipulator driven by pneumatic artificial muscles. // <i>Sensors</i> , 23 (2023), 2; 776, 14	3,4 (2023.)	3,7 (2023.)	CHEMISTRY, ANALYTICAL	Q ₂	2,6 (2023.)
				ENGINEERING, ELECTRICAL & ELECTRONIC	Q ₂	2,3 (2023.)

				INSTRUMENTS & INSTRUMENTATION	Q2	2,1 (2023.)
127.	Soić, Ivana; Soljić, Ines; Eškinja, Magdalena; Mujezinović, Adnan; Martinez, Sanja. The novel paste electrolyte measuring cell for EIS testing of the commonly used surface protection on bronze. // <i>Progress in organic coatings</i> , 177 (2023), 107442, 16	6,5 (2023.)	6,0 (2023.)	CHEMISTRY, APPLIED	Q1	2,3 (2023.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,7 (2023.)
128.	Tomić, Antonija; Kovačić, Marin; Kušić, Hrvoje; Karamanis, Panagiotis; Rasulev, Bakhtiyor; Lončarić Božić, Ana. Structural features promoting photocatalytic degradation of contaminants of emerging concern: insights into degradation mechanism employing QSA/PR modeling. // <i>Molecules</i> , 28 (2023), 6; 2443, 16	4,2 (2023.)	4,6 (2023.)	BIOCHEMISTRY & MOLECULAR BIOLOGY	Q2	3,2 (2023.)
				CHEMISTRY, MULTIDISCIPLINARY	Q2	2,5 (2023.)
129.	Turković, Lu; Mutavdžić Pavlović, Dragana; Mlinarić, Zvonimir; Skenderović, Anamarija; Silovski, Tajana; Sertić, Miranda. Optimisation of solid-phase extraction and LC-MS/MS analysis of six breast cancer drugs in patient plasma samples. // <i>Pharmaceuticals</i> , 16 (2023), 10; 1445, 20	4,3 (2023.)	4,6 (2023.)	CHEMISTRY, MEDICINAL	Q2	3,4 (2023.)
				PHARMACOLOGY & PHARMACY	Q1	2,6 (2023.)
130.	Ujčić, Massimo; Levak, Maja; Vranješ Penava, Nina; Govorčin Bajsić, Emi; Kosar, Vanja. Thermal degradation and thermal kinetic of SEBS block copolymer compatibilized PS/HDPE blends. // <i>Journal of elastomers and plastics</i> , 55 (2023), 1; 82-98	1,4 (2023.)	1,8 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q4	3,0 (2023.)
				POLYMER SCIENCE	Q4	2,6 (2023.)
131.	Vidak, Andrej; Movre Šapić, Iva; Dananić, Vladimir; Batista, Jadranko. Coulomb's law: augmented reality simulation. // <i>Physics teacher</i> , 61 (2023), 3; 172-174	0,5 (2023.)	0,6 (2023.)	EDUCATION, SCIENTIFIC DISCIPLINES	Q4	1,4 (2023.)
				PHYSICS, MULTIDISCIPLINARY	Q4	1,5 (2023.)
132.	Zdraveva, Emilija; Dolenec, Tamara; Tominac Trcin, Mirna; Govorčin Bajsić, Emi; Holjevac Grgurić, Tamara; Tomljenović, Antoneta; Dekaris, Iva; Jelić, Josip; Mijović, Budimir. The reliability of PCL/Anti-VEGF electrospun scaffolds to support limbal stem cells for corneal repair. // <i>Polymers</i> , 15 (2023), 12; 2663, 17	4,7 (2023.)	4,9 (2023.)	POLYMER SCIENCE	Q1	2,6 (2023.)
133.	Zelić, Ivana Elizabeta; Tomašić, Vesna; Gomzi, Zoran. Development of a new rotating photocatalytic reactor for the degradation of hazardous pollutants. // <i>International journal of chemical reactor engineering</i> , 21 (2023), 7; 823-833	1,2 (2023.)	1,3 (2023.)	ENGINEERING, CHEMICAL	Q4	2,7 (2023.)
134.	Zeljko, Martina; Lučić Blagojević, Sanja; Ocelić Bulatović, Vesna. The role of titanium dioxide surface modification on UV protective properties of eco-friendly PA coating. // <i>Progress in organic coatings</i> , 174 (2023), 107326, 8	6,5 (2023.)	6,0 (2023.)	CHEMISTRY, APPLIED	Q1	2,3 (2023.)
				MATERIALS SCIENCE, COATINGS & FILMS	Q1	2,7 (2023.)
135.	Zlatic, Katarina; Popović, Matija; Uzelac, Lidija; Kralj, Marijeta; Basarić, Nikola. Antiproliferative activity of meso-substituted BODIPY photocages: Effect of electrophiles vs singlet oxygen. // <i>European journal of medicinal chemistry</i> , 259 (2023), 259; 115705, 15	6,0 (2023.)	6,1 (2023.)	CHEMISTRY, MEDICINAL	Q1	3,4 (2023.)
136.	Žužić, Andreja; Car, Filip; Macan, Jelena; Tomašić, Vesna; Gajović, Andreja. Sr-doped calcium and barium manganites as catalysts in heterogeneous oxidation of volatile organic compounds. // <i>Catalysis communications</i> , 178 (2023), 106677, 8	3,4 (2023.)	2,9 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
137.	Žužić, Andreja; Gracin, Davor; Zubak, Marko; Macan, Jelena; Salamon, Krešimir; Jurać, Krnunoslav; Krstulović, Nikša; Radičić, Rafaela;	5,8 (2023.)	5,3 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)

	Lukačević, Igor; Mužević, Matko; Gajović, Andreja. The optical properties of strontium manganite thin films prepared by novel phototreatment technique. // <i>Journal of alloys and compounds</i> , 951 (2023), 169972, 8			MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)
138.	Žužić, Andreja; Macan, Jelena. Adsorption of dye from aqueous solution using Sr-doped lanthanum, calcium and barium manganites. // <i>Bulletin of materials science</i> , 46 (2023), 2; 107, 15	1,9 (2023.)	1,9 (2023.)	MATERIALS SCIENCE, MULTIDISCIPLINARY	Q3	3,0 (2023.)
139.	Žužić, Andreja; Pavić, Luka; Bafti, Arijeta; Marijan, Sara; Macan, Jelena; Gajović, Andreja. The role of the A-site cation and crystal structure on the electrical conductivity of strontium-doped calcium and barium manganites. // <i>Journal of alloys and compounds</i> , 935 1 (2023), 167949, 11	5,8 (2023.)	5,3 (2023.)	CHEMISTRY, PHYSICAL	Q2	3,2 (2023.)
				MATERIALS SCIENCE, MULTIDISCIPLINARY	Q1	3,0 (2023.)
				METALLURGY & METALLURGICAL ENGINEERING	Q1	1,5 (2023.)

SCOPUS – 2022.

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	Znanstveno područje časopisa prema Scopusu (Subject Area)
1.	Agaj, Andrea; Peršurić, Željka; Kraljević Pavelić, Sandra. Mediterranean food industry by-products as a novel source of phytochemicals with a promising role in cancer prevention. // <i>Molecules</i> , 27 (2022), 24; 8655, 29	4,6 (2022.)	Chemistry
			Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
2.	Anđelović Sara; Božinović, Marko; Čurić, Željka; Šalić, Anita; Jurinjak Tušek, Ana; Zagajski Kučan, Kristina; Rogošić, Marko; Radović, Mía; Cvjetko Bubalo, Marina; Zelić, Bruno. Deep eutectic solvents for biodiesel purification in a microextractor: solvent preparation, selection and process optimization. // <i>Bioengineering</i> , 9 (2022), 11; 665, 21	4,6 (2022.)	Chemical Engineering
3.	Ašperger, Danijela; Gavrančić, Marija; Prišlin, Barbara; Rendulić, Nera; Šikuten, Iva; Marković, Zvezdana; Babić, Bruna; Maletić, Edi; Karoglan Kontić, Jasminka; Preiner, Darko; Tomaz, Ivana. Optimization of microwave-assisted extraction and matrix solid-phase dispersion for the extraction of polyphenolic compounds from grape skin. // <i>Separations</i> , 9 (2022), 9; 235, 19	2,6 (2022.)	Chemistry
			Chemical Engineering
4.	Babić, Bruna; Andrić, Darko; Farkaš, Anamarija; Vuk, Dragana; Ašperger, Danijela; Dolar, Davor. Behavior of mebendazole during NF/RO adsorption and photolysis. // <i>Membranes</i> , 12 (2022), 9; 888, 15	4,2 (2022.)	Chemical Engineering
5.	Bafti, Arijeta; Kubuki, Shiro; Ertap, Hüseyin; Yükses, Mustafa; Karabulut, Mevlüt; Moguš-Milanković, Andrea; Pavić, Luka. Electrical transport in iron phosphate-based glass-(ceramics): Insights into the role of B ₂ O ₃ and HfO ₂ from model-free scaling procedures. // <i>Nanomaterials</i> , 12 (2022), 4; 639, 18	5,3 (2022.)	Chemical Engineering
			Materials Science
6.	Bai, Cui-Bing; Zhang, Lei-Yang; Wang, Nai-Xing; Yan, Zhan; Wu, Yue-Hua; Xu, Bao-Cai; Liu, Ning; Wang, Bo-Zhou; Tomašić, Vesna. Chiral NADH model: design, synthesis, asymmetric reduction reaction, and fluorescence characteristics. // <i>Letters in organic chemistry</i> , 19 (2022), 10; 827-831	0,8 (2022.)	Chemistry
			Biochemistry, Genetics and Molecular Biology
7.	Beč, Anja; Mioč, Marija; Bertoša, Branimir; Kos, Marija; Debogović, Patricia; Kralj, Marijeta; Starčević, Kristina; Hranjec, Marijana. Design, synthesis, biological evaluation and QSAR analysis of novel N-substituted benzimidazole derived carboxamides. // <i>Journal of enzyme inhibition and medicinal chemistry</i> , 37 (2022), 1; 1327-1339	5,6 (2022.)	Pharmacology, Toxicology and Pharmaceutics
8.		5,6 (2022.)	Chemistry

	Begić, Gabrijela; Petković Didović, Mirna; Lučić Blagojević, Sanja; Jelovica Badovinac, Ivana; Žigon, Jure; Perčić, Marko; Cvijanović Peloza, Olga; Gobin, Ivana. Adhesion of oral bacteria to commercial d-PTFE membranes: Polymer microstructure makes a difference. // <i>International journal of molecular sciences</i> , 23 (2022), 6; 2983, 22		Computer Science
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			Chemical Engineering
9.	Begović Kovač, Erna. Hybrid CUR-type decomposition of tensors in the Tucker format. // <i>BIT numerical mathematics</i> , 62 (2022), 1; 125-138	1,5 (2022.)	Mathematics
			Computer Science
10.	Bertagna Silva, Danilo; Buttiglieri, Gianluigi; Babić, Bruna; Ašperger, Danijela; Babić, Sandra. Performance of TiO ₂ /UV-LED-based processes for degradation of pharmaceuticals: Effect of matrix composition and process variables. // <i>Nanomaterials</i> , 12 (2022), 2; 295, 25	5,3 (2022.)	Chemical Engineering
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11.	Bistrović Popov, Andrea; Meščić Macan, Andrijana; Jakopec, Silvio; Prpić, Helena; Harej Hrkač, Anja; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. Green solvent-free synthesis of new N-heterocycle-L-ascorbic acid hybrids and their antiproliferative evaluation. // <i>Future medicinal chemistry</i> , 14 (2022), 16; 1187-1202	4,2 (2022.)	Pharmacology, Toxicology and Pharmaceutics
			Biochemistry, Genetics and Molecular Biology
12.	Blažić, Roko; Kučić Grgić, Dajana; Kraljić Roković, Marijana; Vidović, Elvira. Cellulose-g-poly(2-(dimethylamino) ethylmethacrylate) hydrogels: Synthesis, characterization, antibacterial testing and polymer electrolyte application. // <i>Gels</i> , 8 (2022), 10; 636, 24	4,6 (2022.)	Materials Science
			Chemistry
			Chemical Engineering
13.	Boček, Ida; Hok, Lucija; Persoons, Leentje; Daelemans, Dirk; Vianello, Robert; Hranjec, Marijana. Imidazo[4,5-b]pyridine derived tubulin polymerization inhibitors: Design, synthesis, biological activity in vitro and computational analysis. // <i>Bioorganic chemistry</i> , 127 (2022), 106032, 13	5,1 (2022.)	Chemistry
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14.	Boček, Ida; Hranjec, Marijana; Vianello, Robert. Imidazo[4,5-b]pyridine derived iminocoumarins as potential pH probes: Synthesis, spectroscopic and computational studies of their protonation equilibria. // <i>Journal of molecular liquids</i> , 355 (2022), 118982, 12	6,0 (2022.)	Physics and Astronomy
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			Chemistry
15.	Brahimi, Salim; Ressler, Antonia; Boumchedda, Khaled; Hamidouche, Mohamed; Kenzour, Abdelghani; Djafar, Rabah; Antunović, Maja; Bauer, Leonard; Hvizdoš, Pavol; Ivanković, Hrvoje. Preparation and characterization of biocomposites based on chitosan and biomimetic hydroxyapatite derived from natural phosphate rocks. // <i>Materials chemistry and physics</i> , 276 (2022), 125421, 10	4,6 (2022.)	Physics and Astronomy
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16.	Brekalo, Ivana; Martinez, Valentina; Karadeniz, Bahar; Orešković, Patrik; Drapanauskaite, Donata; Vriesema, Hein; Stenekes, Robert; Etter, Martin; Dejanović, Igor; Baltrusaitis, Jonas; Užarević, Krunoslav. Scale-up of agrochemical urea-gypsum cocrystal synthesis using thermally controlled mechanochemistry. // <i>ACS sustainable chemistry & engineering</i> , 10 (2022), 20; 6743-6754	8,4 (2022.)	Chemical Engineering
			Environmental Science
			Chemistry
			Energy
17.	Bubalo, Anđelina; Vouk, Dražen; Maljković, Danica; Bolanča, Tomislav. Gasification of sewage sludge in a rotary kiln reactor – a case study with incorporation of sewage sludge ash in brick production. // <i>Chemical and biochemical engineering quarterly</i> , 36 (2022), 1; 77-87	1,5 (2022.)	Chemistry
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			Biochemistry, Genetics and Molecular Biology
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19.	Bužančić, Marin; Cherednichenko, Kirill; Velčić, Igor; Žubrinčić, Josip. Spectral and evolution analysis of composite elastic plates with high contrast. // <i>Journal of elasticity</i> , 152 (2022), 1-2; 79-177	2,0 (2022.)	Engineering
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20.	Car, Filip; Brnadić, Gabriela; Tomašić, Vesna; Vrsaljko, Domagoj. Advanced preparation method of monolithic catalyst carriers using 3D-printing technology. // <i>Progress in additive manufacturing</i> , 7 (2022), 4; 797-808	-	Engineering
21.	Cingesar, Ivan Karlo; Marković, Marijan-Pere; Vrsaljko, Domagoj. Effect of post-processing conditions on polyacrylate materials used in stereolithography. // <i>Additive manufacturing</i> , 55 (2022), 102813, 12	11,0 (2022.)	Engineering Materials Science
22.	Čurić, Iva; Dolar, Davor. Investigation of pretreatment of textile wastewater for membrane processes and reuse for washing dyeing machines. // <i>Membranes</i> , 12 (2022), 5; 449, 12	4,2 (2022.)	Chemical Engineering
23.	Čurić, Iva; Dolar, Davor; Horvat, Josip; Grgić, Katia. Effect of textile wastewater secondary effluent on UF membrane characteristics. // <i>Polymers</i> , 14 (2022), 10; 2035, 14	5,0 (2022.)	Materials Science Chemistry
24.	Dabić, Dario; Hanževački, Marko; Skorić, Irena; Zegura, Bojana; Ivanković, Klaudija; Biošić, Martina; Tolić, Kristina; Babić, Sandra. Photodegradation, toxicity and density functional theory study of pharmaceutical metoclopramide and its photoproducts. // <i>Science of the total environment</i> , 807 (2022), 150694, 10	9,8 (2022.)	Environmental Science
25.	dela Rosa, Francis M.; Popović, Marin; Papac Zjačić, Josipa; Radić, Gabrijela; Kraljić Roković, Marijana; Kovačić, Marin; Farré, María José; Genorio, Boštjan; Lavrenčić Štangar, Urška; Kušić, Hrvoje; Lončarić Božić, Ana; Petrović, Mira. Visible-light activation of persulfate or H ₂ O ₂ by Fe ₂ O ₃ /TiO ₂ immobilized on glass support for photocatalytic removal of amoxicillin: Mechanism, transformation products, and toxicity assessment. // <i>Nanomaterials</i> , 12 (2022), 23; 4328, 26	5,3 (2022.)	Chemical Engineering Materials Science
26.	Dorić, Hrvoje; Bolf, Nenad; Šahnić, Damir. Development of crystallization calibration model for real-time monitoring of Fosamprenavir Calcium particle size distribution. // <i>Tehnički vjesnik</i> , 29 (2022), 3; 790-796	0,9 (2022.)	Engineering
27.	Dornjak, Luka; Kovačić, Marin; Ostojić, Karla; Angaits, Ange; Szpunar, Joanna; Urlić, Inga; Rogina, Anamarija. Chitosan-boric acid scaffolds for doxorubicin delivery in the osteosarcoma treatment. // <i>Polymers</i> , 14 (2022), 21; 4753, 14	5,0 (2022.)	Materials Science Chemistry
28.	Drušković, Morana; Vouk, Dražen; Bolanča, Tomislav; Posavčić, Hana. The influence of pretreatment on the efficiency of electrochemical processes in oily wastewater treatment. // <i>Water</i> , 14 (2022), 19; 2976, 15	3,4 (2022.)	Social Sciences Agricultural and Biological Sciences: Environmental Science Biochemistry, Genetics and Molecular Biology
29.	Duplančić, Marina; Liber, Kristina; Zelić, Ivana Elizabeta; Kosar, Vanja; Tomašić, Vesna. Optimization of imidacloprid photocatalytic degradation under UVA-LED irradiation conditions. // <i>Journal of chemical technology and biotechnology</i> , 97 (2022), 10; 2775-2784	3,4 (2022.)	Chemistry Chemical Engineering Environmental Science Biochemistry, Genetics and Molecular Biology Energy
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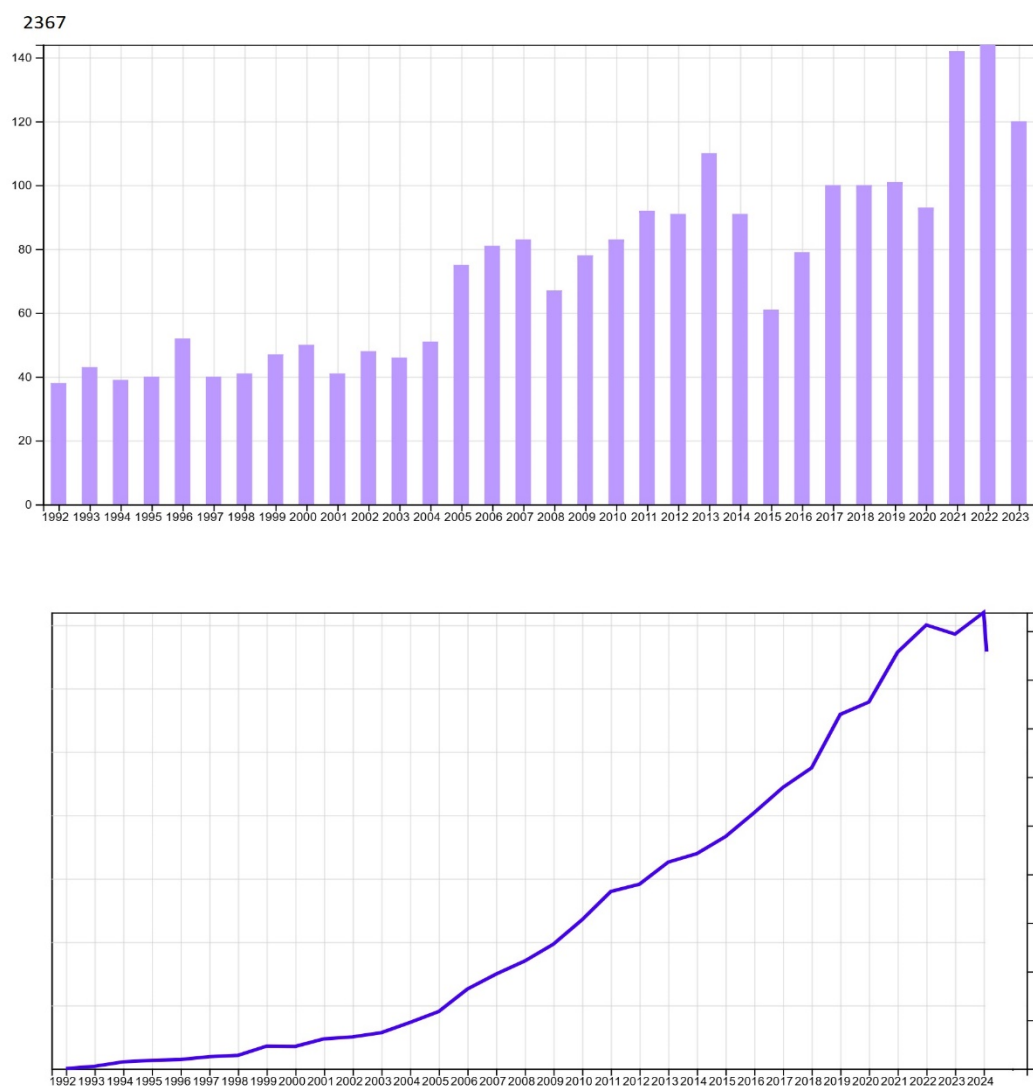
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146.	Žužić, Andreja; Macan, Jelena. Adsorption of dye from aqueous solution using Sr-doped lanthanum, calcium and barium manganites. // <i>Bulletin of materials science</i> , 46 (2023), 2; 107, 15	1,9 (2023.)	Engineering Materials Science
147.	Žužić, Andreja; Pavić, Luka; Bafti, Arijeta; Marijan, Sara; Macan, Jelena; Gajović, Andreja. The role of the A-site cation and crystal structure on the electrical conductivity of strontium-doped calcium and barium manganites. // <i>Journal of alloys and compounds</i> , 935 1 (2023), 167949, 11	5,8 (2023.)	Engineering Materials Science



Slika 5.1. Broj objavljenih radova i njihova citiranost za razdoblje 1992. – 2023. 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	59*	SCOPUS bez Web of Science: 35**	Web of Science: 766**
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 1.1.2019. – 31.12.2023. (za tablicu 5.14.)

R. br.	Referenca rada indeksiranog u bazi podataka <i>Web of Science Core Collection</i> (WoSCC)	IF	STUDIJ
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1.	Antunović, Maja; Matić, Igor; Nagy, Biserka; Caput Mihalić, Katarina; Skelin, Josipa; Štambuk, Jerko; Josipović, Pavle; Džinić, Tamara; Paradžik, Mladen; Marijanović, Inga. FADD-deficient mouse embryonic fibroblasts undergo RIPK1-dependent apoptosis and autophagy after NB-UVB irradiation. // <i>Journal of photochemistry and photobiology. B, Biology</i> . 194 (2019) ; 32-45	4,383 (2019.)	KIP
2.	Babić, Viktorija; Ivanda, Mile; Štefanić, Goran. Phase development in the metastable solid solutions of ZrO ₂ -YO _{1.5} system. // <i>Journal of molecular structure</i> , 1185 (2019), 310-322	2,463 (2019.)	KIP
3.	Baran, Nikola; Gebavi, Hrvoje; Mikac, Lara; Ristić, Davor; Gotić, Marijan; Syed, Kamran Ali; Ivanda, Mile. Sensing properties of oxidized nanostructured silicon surface on vaporized molecules. // <i>Sensors</i> , 19 (2019), 1; 119, 13	3,275 (2019.)	KIP
4.	Basioli, Lovro; Salamon, Krešimir; Tkalcčević, Marija; Mekterović, Igor; Bernstorff, Sigrid; Mičetić, Maja. Application of GISAXS in the investigation of three-dimensional lattices of nanostructures. // <i>Crystals</i> , 9 (2019), 9; 479, 13	2,404 (2019.)	KIP
5.	Bistrović Popov, Andrea; Stolić, Ivana; Krstulović, Luka; Taylor, Martin C.; Kelly, John M.; Tomić, Sanja; Tumir, Lidija-Marija; Bajić, Miroslav; Raić-Malić, Silvana. Novel symmetric bis-benzimidazoles: synthesis, DNA/RNA binding and antitrypanosomal activity. // <i>European journal of medicinal chemistry</i> . 173 (2019) , 63-75	5,572 (2019.)	KIP, IK
6.	Bogut, Irella; Popović, Željko; Tomac, Zvonimir; Matijević, Valentina; Radmilović, Goranka. Prevalence of foot deformities in young schoolchildren in Slavonia. // <i>Acta clinica Croatica</i> . 58 (2019) , 2; 288-294	0,532 (2019.)	KIP
7.	Bosnar, Sanja; Dutour Sikirić, Maja; Smrečki, Vilko; Bronić, Josip; Segota, Suzana; Strasser, Vida; Antonić Jelić, Tatjana; Palčić, Ana; Subotić, Boris. Controlled aggregation of the core(amorphous silica)@shell(TPA+ - polysilicates) nanoparticles at room temperature by selective removal of TPA+ ions from the nanoparticle shell. // <i>Inorganic chemistry frontiers</i> , 6 (2019), 7; 1639-1653	5,958 (2019.)	KIP
8.	Božović, Stojan; Martinez, Sanja; Grudić, Veselinka. A novel environmentally friendly synergistic mixture for steel corrosion inhibition in 0.51 M NaCl. // <i>Acta chimica Slovenica</i> . 66 (2019) ; 112-122	1,263 (2019.)	KIP, IK
9.	Brahmbhatt, Harshad; Molnar, Maja; Pavić, Valentina; Rastija, Vesna. Synthesis, characterization, antibacterial and antioxidant potency of NSubstituted- 2-sulfanylidene-1,3-thiazolidin-4-one derivatives and QSAR study. // <i>Medicinal chemistry</i> , 15 (2019), 8; 840-849	2,577 (2019.)	KIP
10.	Capan, Ivana; Yamazaki, Yuichi; Oki, Yuya; Brodar, Tomislav; Makino, Takahiro; Ohshima, Takeshi. Minority carrier trap in n-type 4H-SiC Schottky barrier diodes. // <i>Crystals</i> . 9 (2019), 7; 328, 7	2,404 (2019.)	KIP
11.	Carlotti, Benedetta; Cesaretti, Alessio; Cacioppa, G.; Elisei, Fausto; Odak, Ilijana; Škorić, Irena; Spalletti, Anna. Fluorosolvatochromism and hyperpolarizability of one-arm and two-arms nitro-compounds bearing heterocyclic rings. // <i>Journal of photochemistry and photobiology A: Chemistry</i> . 368 (2019) ; 190-199	3,306 (2019.)	KIP
12.	Cindrić, Maja; Sović, Irena; Mioč, Marija; Hok, Lucija; Boček, Ida; Roškarić, Petra; Butković, Kristina; Martin-Kleiner, Irena; Starčević, Kristina; Vianello, Robert; Kralj, Marijeta; Hranjec, Marijana. Experimental and computational study of the antioxidative potential of novel nitro and amino substituted benzimidazole/benzothiazole-2-carboxamides with antiproliferative activity. // <i>Antioxidants</i> . 8 (2019) , 10; 477, 22	5,014 (2019.)	KIP
13.	Cvetnić, Matija; Juretić Perišić, Daria; Kovačić, Marin; Ukić, Sime; Bolanča, Tomislav; Rasulev, Bakhtiyor; Kušić, Hrvoje; Lončarić Božić, Ana. Toxicity of aromatic pollutants and photooxidative intermediates in water: a QSAR study. // <i>Ecotoxicology and environmental safety</i> . 169 (2019) ; 918-927	4,872 (2019.)	KIP, KI
14.	Cvetnić, Matija; Novak Stankov, Mirjana; Kovačić, Marin; Ukić, Sime; Bolanča, Tomislav; Kušić, Hrvoje; Rasulev, Bakhtiyor; Dionysiou, Dionysios D.; Lončarić Božić, Ana. Key structural features promoting radical driven degradation of emerging contaminants in water. // <i>Environment international</i> . 124 (2019) ; 38-48	7,577 (2019.)	KIP, KI
15.	Celić, Mira; Gros, Mertixell; Farré, Marinella; Barceló, Damia; Petrović, Mira. Pharmaceuticals as chemical markers of wastewater contamination in the vulnerable area of the Ebro Delta (Spain). // <i>Science of the total environment</i> , 652 (2019), 952-963	6,551 (2019.)	KIP
16.	Cesnik, Morana; Sudar, Martina; Roldan, Raquel; Hernandez, Karel; Parella, Teodor; Clapés, Pere; Charnock, Simon; Vasić-Rački, Đurđa; Findrik Blažević, Zvezdana. Model-based optimization of the enzymatic aldol addition of propanal to formaldehyde: a first step towards enzymatic synthesis of 3-hydroxybutyric acid. // <i>Chemical engineering research & design</i> . 150 (2019) ; 140-152	3,350 (2019.)	KIP
17.	Čizmić, Mirta; Ljubas, Davor; Rožman, Marko; Ašperger, Danijela; Čurković, Lidija; Babić, Sandra. Photocatalytic degradation of azithromycin by nanostructured TiO ₂ film: kinetics, degradation products, and toxicity. // <i>Materials</i> . 12 (2019) , 6; 873, 16	3,057 (2019.)	KIP, IK

18.	Dabić, Dario; Babić, Sandra; Skorić, Irena. The role of photodegradation in the environmental fate of hydroxychloroquine. // <i>Chemosphere</i> . 230 (2019) ; 268-277	5,778 (2019.)	KIP
19.	Dolar, Davor; Racar, Marko; Košutić, Krešimir. Municipal wastewater reclamation and water reuse for irrigation by membrane processes. // <i>Chemical and biochemical engineering quarterly</i> . 33 (2019) , 3; 417-425	0,960 (2019.)	KIP
20.	Ekowati, Juli; Ferrero, Giuliana; José Farré, Maria; Kennedy, Maria D.; Buttiglieri, Gianluigi. Application of UVOX Redox® for swimming pool water treatment: Microbial inactivation, disinfection byproduct formation and micropollutant removal. // <i>Chemosphere</i> . 220 (2019) , 176-184	5,778 (2019.)	KIP
21.	Farré, Maria José; Jaén-Gil, Adrián; Hawkes, Jeffrey; Petrović, Mira; Catalán, Núria. Orbitrap molecular fingerprint of dissolved organic matter in natural waters and its relationship with NDMA formation potential. // <i>Science of the total environment</i> , 670 (2019), 1019-1027	6,551 (2019.)	KIP
22.	Gebavi, Hrvoje; Gašparić, Vlatko; Risović, Dubravko; Baran, Nikola; Henryk Albrycht, Paweł; Ivanda, Mile. Features and advantages of flexible silicon nanowires for SERS applications. // <i>Beilstein journal of nanotechnology</i> , 10 (2019), 10; 725-734	2,612 (2019.)	KIP
23.	Gebavi, Hrvoje; Ristić, Davor; Baran, Nikola; Mikac, Lara; Mohaček-Grošev, Vlasta; Gotić, Marijan; Ivanda, Mile. Silicon nanowires as sensory material for surface-enhanced Raman spectroscopy. // <i>Silicon</i> , 11 (2019), 2; 1151-1157	1,499 (2019.)	KIP
24.	Ghirardini, Andrea; Verlicchi, Paola. A review of selected microcontaminants and microorganisms in land runoff and tile drainage in treated sludge-amended soils. // <i>Science of the total environment</i> , 655 (2019), 939-957	6,551 (2019.)	KIP
25.	Gilja, Vanja; Katančić, Zvonimir; Kratočil Krehula, Ljerkica; Mandić, Vilko; Hrnjak-Murčić, Zlata. Efficiency of TiO ₂ catalyst supported by modified waste fly ash during photodegradation of RR45 dye. // <i>Science and engineering of composite materials</i> . 26 (2019) , 1; 292-300	0,700 (2019.)	KIP
26.	Gilja, Vanja; Katančić, Zvonimir; Mandić, Vilko; Peternel, Igor; Kušić, Hrvoje; Hrnjak-Murčić, Zlata. The role of fly ash in solar photocatalytic water treatment. // <i>Desalination and water treatment</i> . 139 (2019) ; 23-38	0,854 (2019.)	KIP
27.	Gojun, Martin; Pustahija, Lucija; Jurinjak Tušek, Ana; Šalić, Anita; Valinger, Davor; Zelić, Bruno. Kinetic parameter estimation and mathematical modelling of lipase catalysed biodiesel synthesis in a microreactor. // <i>Micromachines</i> . 10 (2019) ; 759, 18	2,523 (2019.)	KIP
28.	Gros, Meritxell; Martí, Elisabet; Balcázar, José Luis; Boy-Roura, Mercè; Busquets, Anna; Colón, Joan; Sánchez-Melsió, Alexandre; Lekunberri, Itziar; Borrego, Carles M.; Ponsá, Sergio; Petrović, Mira. Fate of pharmaceuticals and antibiotic resistance genes in a full-scale on-farm livestock waste treatment plant. // <i>Journal of hazardous materials</i> , 378 (2019), 120716	9,038 (2019.)	KIP
29.	Gros, Meritxell; Mas-Pla, Josep; Boy-Roura, Mercè; Geli, Irma; Domingo, Francesc; Petrović, Mira. Veterinary pharmaceuticals and antibiotics in manure and slurry and their fate in amended agricultural soils: Findings from an experimental field site (Baix Empordà, NE Catalonia). // <i>Science of the total environment</i> , 654 (2019), 1337-1349	6,551 (2019.)	KIP
30.	Grudić, Veselinka; Martínez, Sanja; Knežević, Bojana; Bošković, Ivana. Corrosion inhibition of steel in a sodium chloride solution by natural honey. // <i>Materials testing</i> . 61 (2019) ; 881-884	0,799 (2019.)	KIP, IK
31.	Gusmaroli, Lucia; Buttiglieri, Gianluigi; Petrović, Mira. The EU watch list compounds in the Ebro delta region: Assessment of sources, river transport, and seasonal variations. // <i>Environmental pollution</i> , 253 (2019), 606-615	6,793 (2019.)	KIP
32.	Halvorsen, Ivar J.; Dejanović, Igor; Olujić, Žarko; Skogestad, Sigurd. Thermal coupling opportunities for floating naturalgas liquefaction plants. // <i>Chemical engineering research & design</i> . 147 (2019) ; 346-353	3,350 (2019.)	KIP, KI
33.	Harej, Anja; Mešić Macan, Andrijana; Štepanić, Višnja; Klobučar, Marko; Pavelić, Krešimir; Kraljević Pavelić, Sandra; Raić-Malić, Silvana. The antioxidant and antiproliferative activities of 1,2,3-triazolyl-L-ascorbic acid derivatives. // <i>International journal of molecular sciences</i> . 20 (2019) , 19; 4735, 26	4,556 (2019.)	KIP, IK
34.	Herceg, Srećko; Ujević Andrijić, Zeljka; Bolf, Nenad. Development of soft sensors for isomerization process based on support vector machine regression and dynamic polynomial models. // <i>Chemical engineering research & design</i> . 149 (2019) ; 95-103	3,350 (2019.)	KIP, KI
35.	Horak, Ema; Robić, Marko; Šimanović, Aleksandra; Mandić, Vilko; Vianello, Robert; Hranjec, Marijana; Murković Steinberg, Ivana. Tunable solid-state emitters based on benzimidazole derivatives: aggregation induced red emission and mechanochromism of D-π-A fluorophores. // <i>Dyes and pigments</i> . 162 (2019) ; 688-696	4,613 (2019.)	KIP

36.	Ivanišević, Irena; Kassal, Petar; Milinković, Andrea; Rogina, Anamarija; Milardović, Stjepan. Combined chemical and thermal sintering for high conductivity inkjet-printed silver nanoink on flexible substrates. // <i>Chemical and biochemical engineering quarterly</i> . 33 (2019) , 3; 377-384	0,960 (2019.)	KIP
37.	Jakobek, Lidija; Matić, Petra. Non-covalent dietary fiber - polyphenol interactions and their influence on polyphenol bioaccessibility. // <i>Trends in food science & technology</i> . 83 (2019) ,235-247	11,077 (2019.)	KIP
38.	Jakovljević, Martina; Jokić, Stela; Molnar, Maja; Jašić, Midhat; Babić, Jurislav; Jukić, Huska; Banjari, Ines. Bioactive profile of various <i>Salvia officinalis</i> L. preparations. // <i>Plants</i> , 8 (2019), 3; 55, 30	2,762 (2019.)	KIP
39.	Jaén-Gil, Adrián; Buttiglieri, Gianluigi; Benito, Aleix; Gonzalez-Olmos, Rafael; Barceló, Damià; Rodríguez-Mozaz, Sara. Metoprolol and metoprolol acid degradation in UV/H ₂ O ₂ treated wastewaters: An integrated screening approach for the identification of hazardous transformation products. // <i>Journal of hazardous materials</i> , 380 (2019), 120851	9,038 (2019.)	KIP
40.	Jokić, Stela; Safranko, Silvija; Jakovljević, Martina; Cikoš, Ana-Marija; Kajić, Nikolina; Kolarević, Filip; Babić, Jurislav; Molnar, Maja. Sustainable green procedure for extraction of hesperidin from selected Croatian mandarin peels. // <i>Processes</i> , 7 (2019), 7; 469, 12	2,753 (2019.)	KIP
41.	Jurić, Slaven; Segota, Suzana; Vinceković, Marko. Influence of surface morphology and structure of alginate microparticles on the bioactive agents release behavior. // <i>Carbohydrate polymers</i> , 218 (2019), 234-242	7,182 (2019.)	KIP
42.	Karlušić, Marko; Skrabić, Marko; Majer, Marija; Buljan, Maja; Skuratov, Vladimir A; Jung, Hyun- Kyu; Gamulin, Ozren; Jakšić, Milko. Infrared spectroscopy of ion tracks in amorphous SiO ₂ and comparison to gamma irradiation induced changes. // <i>Journal of nuclear materials</i> , 514 (2019), 74-83	2,485 (2019.)	KIP
43.	Kassal, Petar; Sigurnjak, Marija; Murković Steinberg, Ivana. Paper-based ion-selective optodes for continuous sensing: Reversible potassium ion monitoring. // <i>Talanta</i> . 193 (2019) ; 51-55	5,339 (2019.)	KIP
44.	Kassotaki, Elissavet; Pijuan, Maite; Rodriguez-Roda, Ignasi; Buttiglieri, Gianluigi. Comparative assessment of endocrine disrupting compounds removal in heterotrophic and enriched nitrifying biomass. // <i>Chemosphere</i> , 217 (2019), 659-668	5,778 (2019.)	KIP
45.	Komar, Mario; Molnar, Maja; Konjarević, Anastazija. Screening of natural deep eutectic solvents for green synthesis of 2-methyl-3-substituted quinazolinones and microwave-assisted synthesis of 3-aryl quinazolinones in ethanol. // <i>Croatica chemica acta</i> , 92 (2019), 4; 511-517	0,812 (2019.)	KIP
46.	Kovačić, Marin; Ašperger, Danijela. Low-cost turbidimeter, colorimeter, and nephelometer for the student laboratory. // <i>Journal of chemical education</i> . 96 (2019) , 11; 2649-2654	1,385 (2019.)	KIP, IK
47.	Kratofil Krehula, Ljerka; Stjepanović, Jasmina; Perlog, Martina; Krehula, Stjepko; Gilja, Vanja; Travaš-Sejdić, Jadranka; Hrnjak-Murgić, Zlata. Conducting polymer polypyrrole and titanium dioxide nanocomposites for photocatalysis of RR45 dye under visible light. // <i>Polymer bulletin</i> . 76 (2019) , 4; 1697-1715	2,014 (2019.)	KIP
48.	Kučić Grgić, Dajana; Vuković Domanovac, Marija; Domanovac, Tomislav; Šabić, Monika; Cvetnić, Matija; Očelić Bulatović, Vesna. Influence of <i>Bacillus subtilis</i> and <i>Pseudomonas aeruginosa</i> BSW and Clinoptilolite addition on the biowaste composting process. // <i>Arabian journal for science and engineering</i> . 44 (2019) , 6; 5399-5409	1,711 (2019.)	KIP
49.	Kurajica, Stanislav. A brief review on the use of chelation agents in sol-gel synthesis with emphasis on β -diketones and β -ketoesters. // <i>Chemical and biochemical engineering quarterly</i> . 33 (2019) ; 295-301	0,960 (2019.)	KIP
50.	Kurajica, Stanislav; Gazivoda Kraljević, Tatjana; Mali, Gregor; Simčić, Ivan; Mandić, Vilko; Minga, Iva. Multinuclear magnetic resonance study on aluminium sec-butoxide chelated with ethyl acetoacetate in various amounts. // <i>Croatica chemica acta</i> . 92 (2019) , 1; 17-28	0,812 (2019.)	KIP
51.	Kurajica, Stanislav; Mandić, Vilko; Matijašić, Gordana; Munda, Ivana Katarina; Mužina, Katarina. Mechanochemical synthesis of zincite doped with cadmium in various amounts. // <i>Science and engineering of composite materials</i> . 26 (2019) ; 482-490	0,700 (2019.)	KIP, KI
52.	Kuzmić, Zeljka; Skorić, Irena; Marinić, Zeljko; Vuk, Dragana. Synthesis of new furan polycycles via photochemical reaction in neutral and acidic medium. // <i>Journal of molecular structure</i> . 1196 (2019) ; 611-618	2,463 (2019.)	KIP
53.	Lovinčić Milovanović, Vedrana; Hajdinjak, Ivana; Lovriša, Ivona; Vrsaljko, Domagoj The influence of the dispersed phase on the morphology, mechanical and thermal properties of PLA/PE-LD and PLA/PE-HD polymer blends and their nanocomposites with TiO ₂ and CaCO ₃ . // <i>Polymer engineering and science</i> . 59 (2019), 7; 1395-1408	1,917 (2019.)	KIP
54.	Lučić Blagojević, Sanja; Sorgo, Nicol; Buhin Sturlić, Zrinka. Influence of carbon nanotubes on polyamide properties. // <i>Chemical and biochemical engineering quarterly</i> . 33 (2019) , 3; 337-346	0,960 (2019.)	KIP

55.	Lukač, Goran; Halvorsen, Ivar J.; Olujić, Žarko; Dejanović, Igor. On controllability of a fully thermally coupled four-product dividing wall column. // <i>Chemical engineering research & design</i> . 147 (2019) ; 367-377	3,350 (2019.)	KIP, KI
56.	Macan, Jelena; Ivanko, Marina; Bukovčan, Ivana; Grčić, Ivana; Gajović, Andreja. Stable hierarchical ZnO structures for photocatalytic degradation of 2,5-dihydroxybenzoic acid. // <i>Materials science in semiconductor processing</i> , 97 (2019), 48-55	3,085 (2019.)	KIP
57.	Mandarić, Ladislav; Kalogianni, Eleni; Skoulikidis, Nikolaos; Petrović, Mira; Sabater, Sergi. Contamination patterns and attenuation of pharmaceuticals in a temporary Mediterranean river. // <i>Science of the total environment</i> , 647 (2019), 561-569	6,551 (2019.)	KIP
58.	Mandić, Lucija; Sadžak, Anja; Strasser, Vida; Baranović, Goran; Domazet Jurašin, Darija; Dutour Sikirić, Maja; Šegota, Suzana. Enhanced protection of biological membranes during lipid peroxidation: study of the interactions between flavonoid loaded mesoporous silica nanoparticles and model cell membranes. // <i>International journal of molecular sciences</i> , 20 (2019), 2709-2731	4,556 (2019.)	KIP
59.	Maračić, Silvija; Lapić, Jasmina; Djaković, Senka; Opačak-Bernardi, Teuta; Glavaš-Obrovac, Ljubica; Vršek, Valerije; Raić-Malić, Silvana. Quinoline and ferrocene conjugates: Synthesis, computational study and biological evaluations. // <i>Applied organometallic chemistry</i> . 33 (2019) , 1; e4628, 17	3,140 (2019.)	KIP, IK
60.	Marić, Ivan; Dražić, Goran; Ivanda, Mile; Jurkin, Tanja; Stefanić, Goran; Gotić, Marijan. Impact of Fe(III) ions on the structural and optical properties of anatase-type solid solutions. // <i>Journal of molecular structure</i> , 1179 (2019), 354-365	2,463 (2019.)	KIP
61.	Marušić, Katarina; Kekez, Krešimir; Martinez, Sanja. Comparison of soil properties measurements in pipeline corrosion estimation. // <i>Materials and corrosion</i> . 70 (2019) ; 1700-1707	1,533 (2019.)	KIP, IK
62.	Matijašić, Gordana; Gretić, Matija; Kezerić, Kristina; Petanjek, Juraj; Vukelić, Ema. Preparation of filaments and the 3D Printing of dronedarone HCl tablets for treating cardiac arrhythmias. // <i>AAPS Pharmscitech</i> . 20 (2019) ; 310, 13	2,401 (2019.)	KIP, KI
63.	Matijašić, Gordana; Gretić, Matija; Vinčić, Josip; Poropat, Anna; Cuculić, Leo; Rahelić, Tin. Design and 3D printing of multi-compartmental PVA capsules for drug delivery. // <i>Journal of drug delivery science and technology</i> . 52 (2019) ; 677-686	2,734 (2019.)	KIP, KI
64.	Mešić Macan, Andrijana; Gazivoda Kraljević, Tatjana; Raić-Malić, Silvana. Therapeutic perspective of vitamin C and its derivatives. // <i>Antioxidants</i> . 8 (2019) , 8; 247, 36	5,014 (2019.)	KIP, IK
65.	Mešić Macan, Andrijana; Harej, Anja; Cazin, Ines; Klobučar, Marko; Stepanić, Višnja; Pavelić, Krešimir; Kraljević Pavelić, Sandra; Schols, Dominique; Snoeck, Robert; Andrei, Graciela; Raić-Malić, Silvana. Antitumor and antiviral activities of 4-substituted 1,2,3-triazolyl-2,3-dibenzyl-L-ascorbic acid derivatives. // <i>European journal of medicinal chemistry</i> . 184 (2019) ; 111739, 17	5,572 (2019.)	KIP, IK
66.	Mikac, Lara; Marić, Ivan; Stefanić, Goran; Jurkin, Tanja; Ivanda, Mile; Gotić, Marijan. Radiolytic synthesis of manganese oxides and their ability to decolorize methylene blue in aqueous solutions. // <i>Applied surface science</i> , 476 (2019), 1086-1095	6,182 (2019.)	KIP
67.	Mitar, Anamarija; Panić, Manuela; Prlić Kardum, Jasna; Halambek, Jasna; Sander, Aleksandra; Zagajski Kučan, Kristina; Radojčić Redovniković, Ivana; Radošević, Kristina. Physicochemical properties, cytotoxicity, and antioxidative activity of natural deep eutectic solvents containing organic acid. // <i>Chemical and biochemical engineering quarterly</i> . 33 (2019) , 1; 1-18	0,960 (2019.)	KIP, KI
68.	Molnar, Maja; Periš, Ivana; Komar, Mario. Choline chloride based deep eutectic solvents as a tuneable media for synthesis of coumarinyl 1,2,4-triazoles: effect of solvent type and temperature. // <i>European journal of organic chemistry</i> , 2019 (2019), 15; 2688-2694	2,889 (2019.)	KIP
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Tablica 5.16. Popis radova mentora u bazi podataka Scopus, bez baze podataka WoSCC u razdoblju 1.1.2019. – 31.12.2023. (za tablicu 5.14.)

R. br.	Referenca rada indeksiranog u bazi podataka Scopus	IF	STUDIJ
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