


	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	

BOOK OF LECTURERS

STUDY PROGRAM: TECHNOLOGICAL ENGINEERING



MASTER ACADEMIC STUDIES (2ND LEVEL OF THE ACADEMIC STUDIES)

Bor, 2023.

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Surname, middle name, Name		Šerbula M. Snežana			
Academic title		Full Professor			
Name of the institution (full time/part time employment), from date		University of Belgrade, Technical faculty in Bor, from 01.04.1983.			
Narrow scientific field		Chemistry, chemical technology and chemical engineering			
Academic career					
	Year	Institution	Scientific field	Narrow scientific field	
Election to the current academic title	2016	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
PhD	2000	Technical faculty in Bor	Technical sciences	Technical sciences	
Master's degree	1989	Faculty of Technology and Metallurgy in Belgrade	Chemical engineering	Chemical engineering	
Diploma	1983	Faculty of Technology and Metallurgy in Belgrade	Chemical engineering	Chemical engineering	
List of the courses taught by the lecturer at the second level of study					
No.	Course code	Course title	Type of teaching (lectures (L)/ practical class (PC))	Study program/s	Study level
1.	МТИ1ОППККТМ	Selected chapters on momentum, heat and mass transport	L	Technological engineering	MAS
2.	МТИ1ХТ	Chemical thermodynamics	L	Technological engineering	MAS
3.	МТИ1ИИЗВ	Industrial sources of air pollution	L	Technological engineering	MAS
The most relevant scientific references, according to the standards for the specified field (from 5 to 10)					
1.	Dj.M. Cokesa, S.B. Radmanovic, N.I. Potkonjak, M.M. Markovic, S.M. Serbula , Soil humic acid and arsenite binding by isothermal titration calorimetry and Dynamic Light Scattering: Thermodynamics and aggregation, <i>Chemosphere</i> , 315 (2023) 137687				
2.	S.M. Serbula , J.S. Milosavljevic, J.V. Kalinovic, T.S. Kalinovic, A.A. Radojevic, T. Apostolovski-Trujic, V.M. Tasic, Arsenic and SO ₂ hotspot in South-Eastern Europe: An overview of the air quality after the implementation of the flash smelting technology for copper production, <i>Science of The Total Environment</i> , 777 (2021) 145981				
3.	J.S. Milosavljevic, S.M. Serbula , Dj.M. Cokesa, D.B. Milanovic, A.A. Radojevic, T.S. Kalinovic, J.V.Kalinovic, Soil enzyme activities under the impact of long-term pollution from mining-metallurgical copper production, <i>European Journal of Soil Biology</i> , 101 (2020) 103232				
4.	J. V. Kalinovic, S. M. Serbula , A. A. Radojevic, J. S. Milosavljevic, T. S. Kalinovic, M. M. Steharnik, Assessment of As, Cd, Cu, Fe, Pb, and Zn concentrations in soil and parts of <i>Rosa</i> spp. sampled in extremely polluted environment, <i>Environmental Monitoring and Assessment</i> , 191 (2019) 15.				
5.	A. A. Radojevic, S. M. Serbula , T. S. Kalinovic, J. V. Kalinovic, M. M. Steharnik, J. V. Petrovic, J. S. Milosavljevic, Metal/metalloid content in plant parts and soils of <i>Corylus</i> spp. influenced by mining–metallurgical production of copper, <i>Environmental Science and Pollution Research</i> , 24 (2017) 10326–				

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	10340.
6.	S. M. Serbula , J. S. Milosavljevic, A. A. Radojevic, J. V. Kalinovic, T. S. Kalinovic, Extreme air pollution with contaminants originating from the mining–metallurgical processes, <i>Science of the Total Environment</i> , 586 (2017) 1066–1075.
7.	T. S. Kalinovic, S. M. Serbula , A. A. Radojevic, J. V. Kalinovic, M. M. Steharnik, J. V. Petrovic, Elder, linden and pine biomonitoring ability of pollution emitted from the copper smelter and the tailings ponds, <i>Geoderma</i> , 262 (2016) 266–275.
8.	S. M. Serbula , A. A. Radojevic, J. V. Kalinovic, T. S. Kalinovic, Indication of airborne pollution by birch and spruce in the vicinity of copper smelter, <i>Environmental Science and Pollution Research</i> , 21 (2014) 11510–11520.
9.	S. M. Serbula , A. A. Ilic, J. V. Kalinovic, T. S. Kalinovic, N. B. Petrovic, Assessment of air pollution originating from copper smelter in Bor (Serbia), <i>Environmental Earth Sciences</i> , 71 (2014) 1651–1661.
10.	S. M. Serbula , T. S. Kalinovic, A. A. Ilic, J. V. Kalinovic, M. M. Steharnik, Assessment of airborne heavy metal pollution using <i>Pinus</i> spp. and <i>Tilia</i> spp., <i>Aerosol and Air Quality Research</i> , 13 (2013) 563–573.
Data summary on the lecturer’s scientific activities	
Total number of citations	766 (Scopus base, 25.05.2023)
Total number of papers published in SCI (SSCI) indexed journals	28
The number of active project engagements	National projects: 1 International projects:
Personal improvements	
Other relevant data	

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Surname, middle name, Name		Milić M. Snežana			
Academic title		Full Professor			
Name of the institution (full time/part time employment), from date		University of Belgrade, Technical faculty in Bor, from 01.11.1984.			
Narrow scientific field		Chemistry, chemical technology and chemical engineering			
Academic career					
	Year	Institution	Scientific field	Narrow scientific field	
Election to the current academic title	2018	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
PhD	2008	Technical faculty in Bor	Technical sciences	Chemistry, chemical technology and chemical engineering	
Master's degree	1989	Technical faculty in Bor	Technical sciences	Chemistry, chemical technology and chemical engineering	
Diploma	1984	Technical faculty in Bor	Chemical technology	Chemistry, chemical technology and chemical engineering	
List of the courses taught by the lecturer at the second level of study					
No.	Course code	Course title	Type of teaching (lectures (L)/ practical class (PC))	Study program/s	Study level
1.	МТИ1ОППККТМ	Selected chapters on momentum, heat and mass transport	L	Technological engineering	MAS
2.	МТИ1ХК	Chemical kinetics	L	Technological engineering	MAS
3.	МТИ1СОНМ	Structure and characteristics of inorganic materials	L	Technological engineering	MAS
4.	МТИ1СП	Professional practice		Technological engineering	MAS
The most relevant scientific references, according to the standards for the specified field (from 5 to 10)					
1.	D. Medić, M. Sokić, M. Nujkić, S. Đorđievski, S. Milić , S. Alagić, M. Antonijević, Cobalt extraction from spent lithium-ion battery cathode material using a sulfuric acid solution containing SO ₂ , Journal of Material Cycles and Waste Management, 25, 2 (2023) 1008-1018.				
2.	V. Trifunović, S. Milić , Lj. Avramović, R. Jonović, V. Gardić, S. Đorđievski, S. Dimitrijević, Investigation of hazardous waste - A case study of electric arc furnace dust characterization, Hemijska Industrija (Chemical Industry), 76, 4 (2022) 237-249.				
3.	M. Nujkić, Ž. Tasić, S. Milić , D. Medić, A. Papludis, V. Stiklić, Mullein leaf as potential biosorbent for copper(II) ions removal from synthetic solutions: optimization, kinetic and isotherm, International Journal of Environmental Science and Technology (2022) https://doi.org/10.1007/s13762-022-04541-w .				
4.	J. Petrović, S. Alagić, S. Milić , S. Tošić, M. Bugarin, Chemometric characterization of heavy metals in soils and shoots of the two pioneer species sampled near the polluted water bodies in the close vicinity of the copper mining and metallurgical complex in Bor (Serbia) Phytoextraction and biomonitoring contexts,				

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	Chemosphere, 262 (2021) 127808.
5.	M. Pešić, S. Milić , M. Nujkić, M. Marić, Determination of Heavy Metal Concentration and Correlation Analysis of Turbidity: a Case Study of the Zlot Source (Bor, Serbia), Water, Air, & Soil Pollution, 231 (2020) 98.
6.	M. Nujkić, S. Milić , B. Spalovic, A. Dardas, S. Alagić, D. Ljubic, A. Papludis, <i>Saponaria officinalis L.</i> and <i>Achillea millefolium L.</i> as possible indicators of trace elements pollution caused by mining and metallurgical activities in Bor, Serbia, Environmental Science and Pollution Research, 27, 36 (2020) 44969-44982.
7.	M. Pešić, S. Milić , M. Nujkić, M. Marić: The impact of climatic parameters on the turbidity and natural organic matter content in drinking water in the City of Bor (Eastern Serbia), Environmental Earth Sciences, 79, 267 (2020).
8.	D. Medić, S. Milić , S. Alagić, I. Đorđević, S. Dimitrijević, Classification of spent Li-ion batteries based on ICP-OES/X-ray characterization of the cathode materials, Hemijska Industrija (Chemical Industry) 74, 3 (2020) 221-230.
9.	M. Dimitrijević, D. Urošević, S. Milić , M. Sokić, R. Marković, Dissolution of copper from smelting slag by leaching in chloride media, Journal of Mining and Metallurgy, Section B: Metallurgy, 53, 3 (2017) 407-412.
10.	M.D. Dimitrijević, M.M. Nujkić, S.Č. Alagić, S.M. Milić , S.B. Tošić, Heavy metal contamination of topsoil and parts of peach-tree growing at different distances from a smelting complex, International Journal of Environmental Science and Technology, 13, 2 (2016) 615-630.

Data summary on the lecturer's scientific activities

Total number of citations	688 (Scopus base, 25.05.2023)	
Total number of papers published in SCI (SSCI) indexed journals	31	
The number of active project engagements	National projects: 1	International projects: 1
Personal improvements		
Other relevant data		



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Surname, middle name, Name	Doković M. Jelena
Academic title	Full professor
Name of the institution (full time/part time employment), from date	University of Belgrade, Technical faculty in Bor, from 26.02.2006. (30%) and from 12.03.2008. (100%)
Narrow scientific field	Mechanical engineering, Fracture mechanics



Academic career				
	Year	Institution	Scientific field	Narrow scientific field
Election to the current academic title	2016	Technical faculty in Bor	Mechanical engineering	Fracture mechanics
PhD	2001	Faculty of Mechanical Engineering in Kragujevac	Mechanical engineering	Fracture mechanics
Master's degree	1998	Faculty of Mechanical Engineering in Kragujevac	Mechanical engineering	Fracture mechanics
Diploma	1994	Faculty of Mechanical Engineering in Kragujevac	Mechanical engineering	Fracture mechanics

List of the courses taught by the lecturer at the second level of study					
No.	Course code	Course title	Type of teaching (lectures (L)/ practical class (PC))	Study program/s	Study level
1.	MTI1TOIMP	Theoretical foundations for the preparation of a Master thesis	L+PC	Technological engineering	MAS
2.	MTI1XT	Chemical Thermodynamics	L	Technological engineering	MAS

The most relevant scientific references, according to the standards for the specified field (from 5 to 10)	
1.	J. M. Djoković , R. R. Nikolić, J. Bujnak, B. Hadzima, F. Pastorek, R. Dwornicka and R. Ulewicz, Selection of the Optimal Window Type and Orientation for the Two Cities in Serbia and One in Slovakia, <i>Energies</i> , 15 (2022) 323, ISSN: 1996-1073, Publisher: MDPI AG, Basel, Switzerland, https://www.mdpi.com/1996-1073/15/1/323
2.	S. M. Kalinović, D. I. Tanikić, J. M. Djoković , R. R. Nikolić, B. Hadzima and R. Ulewicz, Optimal solution for an energy efficient construction of a ventilated façade obtained by a genetic algorithm, <i>Energies</i> , 14 (2021) 3293 (1-14), ISSN: 1996-1073, Publisher: MDPI AG, Basel, Switzerland, https://www.mdpi.com/1996-1073/14/11/3293/htm
3.	R. R. Nikolić, J. M. Djoković , B. Hadzima and R. Ulewicz, Spot-weld service life estimate based on application of the interfacial crack concept, <i>Materials</i> , 13 (2020) 2976, 1-11, ISSN 1996-1944, Publisher: MDPI AG, Basel, Switzerland, https://www.mdpi.com/1996-1944/13/13/2976
4.	J. M. Djoković , R. R. Nikolić, R. Ulewicz and B. Hadzima, (2020), Interface Crack Approaching a Three-Material Joint, <i>Applied Sciences</i> , 10 (2020) 416, 1-12, ISSN (electronic): 2076-3417, Publisher: MDPI AG, Basel, Switzerland, https://www.mdpi.com/2076-3417/10/1/416
5.	J. M. Djoković , R. R. Nikolić, D. M. Šumarac, and J. Bujnak, Analysis based on the energy release rate criterion of a dynamically growing crack approaching an interface, <i>International Journal of Damage Mechanics</i> , 25(8) (2016) 1170-1183, ISSN 1056-7895, http://ijd.sagepub.com/content/25/8/1170.abstract
6.	S. M. Kalinović , J. M. Djoković, Analysis of dynamic thermal performance of the walls in residential buildings in Serbia, <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , Publisher: SAGE Publishing, UK, 2020, 235, 20, 4851-4861, ISSN: 0954-4062, Online ISSN: 2041-2983, https://journals.sagepub.com/doi/full/10.1177/0954406220941894

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7.	J. M. Djoković , R. R. Nikolić, J. Bujnak, B. Hadzima, R. Tomić, "Some Aspects of the Three-Dimensional Interface Cracks Analysis", <i>Technical gazette</i> , 2020, 27, 1, 1-4, ISSN 1330-3651(Print), ISSN 1848-6339 (Online), Publisher: Strojariski fakultet u Slavonskom Brodu; Fakultet elektrotehnike, računarstva i informacijskih tehnologija Osijek; Građevinski i arhitektonski fakultet Osijek, http://hrcak.srce.hr/tehnicki-vjesnik , http://www.tehnicki-vjesnik.com/web/public/archive
8.	A. Murariu, D. M. Veljić, D. R. Barjaktarević, M. P. Rakin, N. A. Radović, A. S. Sedmak and J. M. Djoković , Influence of material velocity on heat generation during linear welding stage of friction stir welding, <i>Thermal science</i> , 20, 5 (2016) 1693-1701, ISSN: 1056-7895, http://thermalscience.vinca.rs/2016/5/25
9.	J. M. Djoković , R. R. Nikolić, Influence of the joint geometry on the stress intensity factor of the fillet welded cruciform joint subjected to tension and bending, <i>Materials Today: Proceedings</i> , 3, 4 (2016) 959 – 964, http://www.sciencedirect.com/science/article/pii/S2214785316002339
10.	J. M. Djoković , R. R. Nikolić, K. Z. Živković, Interfacial crack behavior in the stationary temperature field conditions, <i>Thermal Science</i> , 18 (2014) S169-S178, http://thermalscience.vinca.rs/2014/supplement/18
Data summary on the lecturer's scientific activities	
Total number of citations	58 (Scopus base, 25.05.2023)
Total number of papers published in SCI (SSCI) indexed journals	43
The number of active project engagements	National projects: 1 International projects:
Personal improvements	
Other relevant data	


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Surname, middle name, Name	Alagić Č. Sladana
Academic title	Full professor
Name of the institution (full time/part time employment), from date	University of Belgrade, Technical faculty in Bor, from 19.04.2008.
Narrow scientific field	Chemistry, chemical technology and chemical engineering

Academic career				
	Year	Institution	Scientific field	Narrow scientific field
Election to the current academic title	2022	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
PhD	2005	Faculty of natural sciences and mathematics in Niš	Chemical science	Chemistry
Master's degree	2000	Faculty of natural sciences and mathematics in Niš	Chemical science	Chemistry
Diploma	1986	Faculty of philosophy in Niš	Chemical science	Chemistry

List of the courses taught by the lecturer at the second level of study					
No.	Course code	Course title	Type of teaching (lectures (L)/ practical class (PC))	Study program/s	Study level
1.	MTI1ATP3JC	Analysis of technological processes and environmental protection	L	Technological engineering	MAS



The most relevant scientific references, according to the standards for the specified field (from 5 to 10)	
1.	S.Č. Alagić , S.B. Tošić, M.D. Dimitrijević, M.M. Antonijević, M.M. Nujkić: Assessment of the quality of polluted areas based on the content of heavy metals in different organs of the grapevine (<i>Vitis vinifera</i>) cv Tamjanika. Environmental Science and Pollution Research, 22 (2015) 7155-7175
2.	S.Č. Alagić , B.S. Maluckov, V.B. Radojčić: How can plants manage polycyclic aromatic hydrocarbons? May these effects represent a useful tool for an effective soil remediation? A review. Clean Technologies and Environmental Policy, 17 (2015) 597-614.
3.	S.Tošić, S. Alagić , M. Dimitrijević, A. Pavlović, M. Nujkić: Plant parts of the apple tree (<i>Malus spp.</i>) as possible indicators of heavy metal pollution. AMBIO, 45 (2016) 501-512.
4.	S.Č. Alagić , S.B. Tošić, M.D. Dimitrijević, J.V. Petrović, D.V. Medić: The characterization of heavy metals in the grapevine (<i>Vitis vinifera</i>) cultivar Rkatsiteli and wild blackberry (<i>Rubus fruticosus</i>) from East Serbia by ICP-OES and BAFs. Communications in Soil Science and Plant Analysis. 47 (2016) 2034-2045.
5.	S.Č. Alagić , V.P. Stankov Jovanović, V.D. Mitić, J.S. Cvetković, G.M. Petrović, G.S. Stojanović, Bioaccumulation of HMW PAHs in the roots of wild blackberry from the Bor region (Serbia): Phytoremediation and biomonitoring aspects. Science of the Total Environment, 562C (2016) 561-570.
6.	S.Č. Alagić , V.P. Stankov Jovanović, V.D. Mitić, J.S. Nikolić, G.M. Petrović, S.B. Tošić, G.S. Stojanović: The effect of multiple contamination of soil on LMW and MMW PAHs accumulation in the roots of <i>Rubus fruticosus</i> L. naturally growing near The Copper Mining and Smelting Complex Bor (East Serbia). Environmental Science and Pollution Research, 24 (2017) 15609-15621.
7.	S.Č. Alagić , S.B. Tošić, M.D. Dimitrijević, J.V. Petrović, D.V. Medić: Chemometric evaluation of trace metals in <i>Prunus persica</i> L. Batech and <i>Malus domestica</i> from Minićevo (Serbia). Food Chemistry, 217 (2017) 568-575.

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8.	S.Č. Alagić , Z.M. Stević, P.B. Jovanić, I. Morić, S. Jeremić, Lj.B. Popara: The characterization of the selected trees damaged during severe weather episode on the mountain Avala (Serbia) using IR thermography, ICP-OES, and microbiological analysis. <i>International Journal of Environmental Research</i> , 12 (2018) 135-146.
9.	S.Č. Alagić , S.B. Tošić, M.D. Dimitrijević, M.M. Nujkić, A.D. Papludis, V. Z. Fogl: The content of the potentially toxic elements, iron and manganese in the grapevine cv Tamjanika growing near the biggest copper mining/metallurgical complex on the Balkan peninsula: Phytoremediation, biomonitoring and some toxicological aspects. <i>Environmental Science and Pollution Research</i> , 25 (2018) 34139-34154.
10.	J.V. Petrović, S.Č. Alagić , S.M. Milić, S.B. Tošić, M.M. Bugarin: Chemometric characterization of heavy metals in soils and shoots of the two pioneer species sampled near the polluted water bodies in the close vicinity of the copper mining and metallurgical complex in Bor (Serbia): Phytoextraction and biomonitoring contexts. <i>Chemosphere</i> , 262 (2021)127808.

Data summary on the lecturer's scientific activities



Total number of citations	484 (Scopus base, 25.05.2023)	
Total number of papers published in SCI (SSCI) indexed journals	38	
The number of active project engagements	National projects: 1	International projects:
Personal improvements		
Other relevant data	h-index: 13	

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Surname, middle name, Name		Petrović Mihajlović B. Marija			
Academic title		Associate professor			
Name of the institution (full time/part time employment), from date		University of Belgrade, Technical faculty in Bor, from 22.02.2007.			
Narrow scientific field		Chemistry, chemical technology and chemical engineering			
Academic career					
	Year	Institution	Scientific field	Narrow scientific field	
Election to the current academic title	2017	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
PhD	2012	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
Diploma	2006	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
List of the courses taught by the lecturer at the second level of study					
No.	Course code	Course title	Type of teaching (lectures (L)/ practical class (PC))	Study program/s	Study level
1.	МТИ1ХПЗЖС	Chemical principles in environmental protection	L	Technological engineering	MAS
2.	МТИ1ЕИ	Electrochemical engineering	L	Technological engineering	MAS
3.	МТИ1ХК	Chemical kinetics	L	Technological engineering	MAS
The most relevant scientific references, according to the standards for the specified field (from 5 to 10)					
1.	Ž.Z. Tasić, M.B. Petrović Mihajlović , M.B. Radovanović, A.T. Simonović, D.V. Medić, M.M. Antonijević, Electrochemical determination of L-tryptophan in food samples on graphite electrode prepared from waste batteries, Scientific Reports, 12 (1) (2022) 5469				
2.	M. Radovanović, M. Petrović Mihajlović , Z. Tasić, A. Simonović, M. Antonijević, Inhibitory effect of L-Threonine and L-Lysine and influence of surfactant on stainless steel corrosion in artificial body solution, Journal of Molecular Liquids, 342 (2021) 116939				
3.	Ž.Z. Tasić, M.B. Petrović Mihajlović , M.B. Radovanović, A.T. Simonović, M.M. Antonijević, Experimental and theoretical studies of paracetamol as a copper corrosion inhibitor, Journal of Molecular Liquids, 327 (2021) 114817				
4.	M.B. Radovanović, Ž.Z. Tasić, M.B. Petrović Mihajlović , A.T. Simonović, M.M. Antonijević, Electrochemical and DFT studies of brass corrosion inhibition in 3% NaCl in the presence of environmentally friendly compounds, Scientific Reports, 9 (1) (2019) 16081				
5.	Z.Z. Tasić, M.B. Petrović Mihajlović , A.T. Simonović, M.B. Radovanović, M.M. Antonijević, Ibuprofen as a corrosion inhibitor for copper in synthetic acid rain solution, Scientific Reports, 9 (1) (2019) 14710				
6.	M. B. Petrović Mihajlović , M. B. Radovanović, A. T. Simonović, Ž. Z. Tasić, M. M. Antonijević, Evaluation of purine based compounds as the inhibitors of copper corrosion in simulated body fluid, Results in Physics, 14 (2019) 102357.				
7.	Ž. Tasić, M. Petrović Mihajlović , M. Radovanović, M. Antonijević: Electrochemical investigations of copper corrosion inhibition by azithromycin in 0.9% NaCl, Journal of Molecular Liquids, 265, (2018) 687				

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	- 692.		
8.	M. Petrović Mihajlović , M. Radovanović, Ž. Tasić, M. Antonijević: Imidazole based compounds as copper corrosion inhibitors in seawater, <i>Journal of Molecular Liquids</i> , 225 (2017) 127 – 136.		
9.	Z. Z. Tasic, M. B. Petrović Mihajlović , M. M. Antonijević: The influence of chloride ions on the anticorrosion ability of binary inhibitor system of 5-methyl-1H-benzotriazole and potassium sorbate in sulfuric acid solution, <i>Journal of Molecular Liquids</i> , 222 (2016) 1-7.		
10.	M. Radovanović, M. Petrović Mihajlović , A. Simonović, S. Milić, M. Antonijević: Cysteine as agree corrosion in inhibitor for Cu ₃ Zn brass in neutral and weakly alkaline sulphate solutions, <i>Environmental Science and Pollution Research</i> , 20 (2013) 4370 – 4381.		
Data summary on the lecturer's scientific activities			
Total number of citations		1505 (Scopus base, 25.05.2023)	
Total number of papers published in SCI (SSCI) indexed journals		33	
The number of active project engagements		National projects: 1	International projects:
Personal improvements			
Other relevant data			

	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	


Surname, middle name, Name		Radovanović B. Milan			
Academic title		Full professor			
Name of the institution (full time/part time employment), from date		University of Belgrade, Technical faculty in Bor, from 22.02.2007.			
Narrow scientific field		Chemistry, chemical technology and chemical engineering			
Academic career					
	Year	Institution	Scientific field	Narrow scientific field	
Election to the current academic title	2023	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
PhD	2013	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
Diploma	2006	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
List of the courses taught by the lecturer at the second level of study					
No.	Course code	Course title	Type of teaching (lectures (L)/ practical class (PC))	Study program/s	Study level
1.	MTI1COHM	Structure and properties of inorganic materials	L	Technological engineering	MAS
2.	MTI1EII	Electrochemical engineering	L	Technological engineering	MAS
The most relevant scientific references, according to the standards for the specified field (from 5 to 10)					
1.	Ž.Z. Tasić, M.B. Petrović Mihajlović, M.B. Radovanović , A.T. Simonović, D.V. Medić, M.M. Antonijević, Electrochemical determination of L-tryptophan in food samples on graphite electrode prepared from waste batteries, <i>Scientific Reports</i> , 12 (1) (2022) 5469				
2.	M. Radovanović , M. Petrović Mihajlović, Z. Tasić, A. Simonović, M. Antonijević, Inhibitory effect of L-Threonine and L-Lysine and influence of surfactant on stainless steel corrosion in artificial body solution, <i>Journal of Molecular Liquids</i> , 342 (2021) 116939				
3.	Ž.Z. Tasić, M.B. Petrović Mihajlović, M.B. Radovanović , A.T. Simonović, M.M. Antonijević, Experimental and theoretical studies of paracetamol as a copper corrosion inhibitor, <i>Journal of Molecular Liquids</i> , 327 (2021) 114817				
4.	M.B. Radovanović , Ž.Z. Tasić, M.B. Petrović Mihajlović, A.T. Simonović, M.M. Antonijević, Electrochemical and DFT studies of brass corrosion inhibition in 3% NaCl in the presence of environmentally friendly compounds, <i>Scientific Reports</i> , 9 (1) (2019) 16081				
5.	Z.Z. Tasić, M.B. Petrović Mihajlović, A.T. Simonović, M.B. Radovanović , M.M. Antonijević, Ibuprofen as a corrosion inhibitor for copper in synthetic acid rain solution, <i>Scientific Reports</i> , 9 (1) (2019) 14710				
6.	M. B. Petrović Mihajlović, M. B. Radovanović , A. T. Simonović, Ž. Z. Tasić, M. M. Antonijević, Evaluation of purine based compounds as the inhibitors of copper corrosion in simulated body fluid, <i>Results in Physics</i> , 14 (2019) 102357.				
7.	Ž. Tasić, M. Petrović Mihajlović, M. Radovanović , M. Antonijević: Electrochemical investigations of copper corrosion inhibition by azithromycin in 0.9% NaCl, <i>Journal of Molecular Liquids</i> , 265, (2018) 687 - 692.				

	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	

8.	M. Petrović Mihajlović, M. Radovanović , Ž. Tasić, M. Antonijević: Imidazole based compounds as copper corrosion inhibitors in seawater, <i>Journal of Molecular Liquids</i> , 225 (2017) 127 – 136.
9.	M. B. Radovanović , Ž. Z. Tasić, A. T. Simonović, M. B. Petrović Mihajlović, M. M. Antonijević, Corrosion behaviour of titanium in simulated body solutions with the addition of biomolecules, <i>ACS Omega</i> 22 (5) (2020) 12768 – 12776.
10.	M. Radovanović , M. Petrović Mihajlović, A. Simonović, S. Milić, M. Antonijević: Cysteine as agree corrosion in inhibitor for Cu ₃ Zn brass in neutral and weakly alkaline sulphate solutions, <i>Environmental Science and Pollution Research</i> , 20 (2013) 4370 – 4381.

Data summary on the lecturer's scientific activities

Total number of citations	630 (Scopus base, 25.05.2023)	
Total number of papers published in SCI (SSCI) indexed journals	30	
The number of active project engagements	National projects: 1	International projects:
Personal improvements		
Other relevant data		

	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	

Surname, middle name, Name	Nujkić M. Maja
Academic title	Associate professor
Name of the institution (full time/part time employment), from date	University of Belgrade, Technical faculty in Bor, from 20.10.2008.
Narrow scientific field	Chemistry, chemical technology and chemical engineering

Academic career



	Year	Institution	Scientific field	Narrow scientific field
Election to the current academic title	2021	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
PhD	2016	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
Master's degree	2010	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
Diploma	2008	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering

List of the courses taught by the lecturer at the second level of study

No.	Course code	Course title	Type of teaching (lectures (L)/ practical class (PC))	Study program/s	Study level
1.	МТИ1ХПЗЖС	Chemical principles in environment protection	PC	Technological engineering	MAS
2.	МТИ1АТПЗЖС	Analysis of technological processes and environmental protection	L+PC	Technological engineering	MAS

The most relevant scientific references, according to the standards for the specified field (from 5 to 10)



1.	D. Medić, M. Sokić, M. Nujkić , S. Đorđević, S. Milić, S. Alagić, M. Antonijević, Cobalt extraction from spent lithium-ion battery cathode material using a sulfuric acid solution containing SO ₂ , <i>Journal of Material Cycles and Waste Management</i> , 25, 2 (2023) 1008 - 1018.
2.	M. Nujkić , Ž. Tasić, S. Milić, et al. Mullein leaf as potential biosorbent for copper(II) ions removal from synthetic solutions: optimization, kinetic and isotherm. <i>International Journal of Environmental Science and Technology</i> (2022). https://doi.org/10.1007/s13762-022-04541-w
3.	Nujkić M. , S. Milić, B. Spalović, A. Dardas, S. Alagić, D. Ljubić, A. Papludis, <i>Saponaria officinalis L. and Achillea millefolium L.</i> as possible indicators of trace elements pollution caused by mining and metallurgical activities in Bor, Serbia, <i>Environmental Science and Pollution Research</i> , 27 (2020) 44969–44982.
4.	S.Č. Alagić, S.B. Tošić, M.D. Dimitrijević, M.M. Nujkić , A.D. Papludis, V. Z. Fogl: The content of the potentially toxic elements, iron and manganese in the grapevine cv Tamjanika growing near the biggest copper mining/metallurgical complex on the Balkan peninsula: Phytoremediation, biomonitoring and some toxicological aspects. <i>Environmental Science and Pollution Research</i> , 25 (2018) 34139-34154.
5.	M. Nujkić , M. Dimitrijević, S. Alagić, S. Tošić, J. Petrović,: Impact of metallurgical activities on the content of trace elements in the spatial soil and plant parts of <i>Rubus fruticosus L.</i> , <i>Environmental Science Processes & Impacts</i> , 18 (2016) 350 - 360.

	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	


6.	S. Č. Alagić, S. B. Tošić, M. D. Dimitrijević, M. Antonijević, M. M. Nujkić : Assessment of the quality of polluted areas based on the content of heavy metals in different organs of the grapevine (<i>Vitis vinifera</i>) cv Tamjanika, Environmental Science and Pollution Research, 22 (2015) 7155 - 7175.
7.	S. Tošić, S. Alagić, M. Dimitrijević, A. Pavlović, M. Nujkić : Plant parts of the apple tree (<i>Malus spp.</i>) as possible indicators of heavy metal pollution, AMBIO: a journal of the human environment, 45 (2016) 501 - 512.
8.	M. Dimitrijević, M. Nujkić , S. Alagić, S. Milić, S. Tosić: Heavy metal contamination of topsoil and parts of peach-tree growing at different distances from a smelting complex, International Journal of Environmental Science and Technology, 13 (2016) 615 - 630.
9.	M Antonijević, M Dimitrijević, S Milić, M Nujkić : Metal concentrations in the soils and native plants surrounding the old flotation tailings pond of the Copper Mining and Smelting Complex Bor (Serbia), Journal of Environmental Monitoring, 14 (2012) 866 - 877.
10.	M. Pešić, S. Milić, M. Nujkić , M. Marić, Determination of Heavy Metal Concentration and Correlation Analysis of Turbidity: a Case Study of the Zlot Source (Bor, Serbia), Water Air Soil Pollut., 231, (2020) 98.

Data summary on the lecturer's scientific activities

Total number of citations	156 (Scopus base, 25.05.2023)	
Total number of papers published in SCI (SSCI) indexed journals	11	
The number of active project engagements	National projects: 1	International projects:
Personal improvements		
Other relevant data		

	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	



Surname, middle name, Name		Simonović T. Ana			
Academic title		Assistant professor			
Name of the institution (full time/part time employment), from date		University of Belgrade, Technical faculty in Bor, from 22.02.2007.			
Narrow scientific field		Chemistry, chemical technology and chemical engineering			
Academic career					
	Year	Institution	Scientific field	Narrow scientific field	
Election to the current academic title	2019	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
PhD	2014	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
Diploma	2006	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
List of the courses taught by the lecturer at the second level of study					
No.	Course code	Course title	Type of teaching (lectures/ practical class)	Study program/s	Study level
1.	МТИ1ОППККТМ	Selected chapters on momentum, heat and mass transport	PC	Technological engineering	MAS
2.	МТИ1ЕИ	Electrochemical engineering	L	Technological engineering	MAS
3.	МТИ1ХТ	Chemical Thermodynamics	PC	Technological engineering	MAS
4.	МТИ1СП	Professional practice		Technological engineering	MAS
The most relevant scientific references, according to the standards for the specified field (from 5 to 10)					
1.	Ž.Z. Tasić, M.B.P. Mihajlović, M.B. Radovanović, A.T.Simonović , D.V. Medić, M.M. Antonijević, Electrochemical determination of L-tryptophan in food samples on graphite electrode prepared from waste batteries, <i>Scientific Reports</i> , 12(1) (2022) 5469.				
2.	Ž.Z. Tasić, M.B. Petrović Mihajlović, M.B. Radovanović, A.T. Simonović , M.M. Antonijević, Experimental and theoretical studies of paracetamol as a copper corrosion inhibitor, <i>Journal of Molecular Liquids</i> , 327 (2021) 114817.				
3.	M. Radovanović, M.P. Mihajlović, Ž. Tasić, A. Simonović , M. Antonijević, Inhibitory effect of L-Threonine and L-Lysine and influence of surfactant on stainless steel corrosion in artificial body solution <i>Journal of Molecular Liquids</i> , 342 (2021) 116939.				
4.	Ana Simonović , Marija Petrović Mihajlović, Milan Radovanović, Žaklina Tasić, and Milan Antonijević, Inhibition of Copper Corrosion in Acid Rain Solution Using the Imidazole Derivatives, <i>Russian Journal of Electrochemistry</i> , 57(5) (2021) 544–553.				
5.	Zaklina Z. Tasić, Marija B. Petroviž Mihajlović, Ana T. Simonović , Milan B. Radovanović, Milan M. Antonijević, Review of applied surface modifications of pencil graphite electrodes for paracetamol sensing, <i>Results in Physics</i> 22 (2021) 103911.				

	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	

6.	Ana T. Simonović , Žaklina Z. Tasić, Milan B. Radovanović, Marija B. Petrović Mihajlović, and Milan M. Antonijević, Influence of 5-Chlorobenzotriazole on Inhibition of Copper Corrosion in Acid Rain Solution, ACS Omega 5 (2020) 12832–12841.
7.	Milan B. Radovanović, Žaklina Z. Tasić, Ana T. Simonović , Marija B. Petrović Mihajlović, Milan M. Antonijević, Corrosion Behavior of Titanium in Simulated Body Solutions with the Addition of Biomolecules, ACS Omega 5 (2020) 12768–12776.
8.	M.B. Petrović Mihajlović, M.B. Radovanović, A.T. Simonović , Ž.Z. Tasić, M.M. Antonijević, Evaluation of purine based compounds as the inhibitors of copper corrosion in simulated body fluid, Results in Physics 14 (2019)
9.	Milan B. Radovanović, Žaklina Z. Tasić, Marija B. Petrović Mihajlović, Ana T. Simonović & Milan M. Antonijević, Electrochemical and DFT studies of brass corrosion inhibition in 3% NaCl in the presence of environmentally friendly compounds, Scientific Reports, 9 (2019) 16081.
10.	Ž.Z. Tasić, M.B. Petrović Mihajlović, M.B. Radovanović, A.T. Simonović , M.M. Antonijević Cephadrine as corrosion inhibitor for copper in 0.9% NaCl solution, Journal of Molecular Structure, 1159 (2018) 46–54.

Data summary on the lecturer's scientific activities

Total number of citations	377 (Scopus base, 25.05.2023)	
Total number of papers published in SCI (SSCI) indexed journals	22	
The number of active project engagements	National projects: 1	International projects:
Personal improvements		
Other relevant data		

	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	

Surname, middle name, Name	Kalinović S. Tanja
Academic title	Assistant professor
Name of the institution (full time/part time employment), from date	University of Belgrade, Technical faculty in Bor, from 16.10.2008.
Narrow scientific field	Chemistry, chemical technology and chemical engineering

Academic career				
	Year	Institution	Scientific field	Narrow scientific field
Election to the current academic title	2016	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
PhD	2016	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
Master's degree	2010	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
Diploma	2008	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering

List of the courses taught by the lecturer at the second level of study					
No.	Course code	Course title	Type of teaching (lectures (L)/ practical class (PC))	Study program/s	Study level
1.	МТИИИЗВ	Industrial sources of air pollution	L+PC	Technological engineering	MAS



The most relevant scientific references, according to the standards for the specified field (from 5 to 10)	
1.	S. M. Šerbula, J. S. Milosavljević, J. V. Kalinović, T. S. Kalinović , A. A. Radojević, T. Apostolovski Trujic, V. Tasic, Arsenic and SO ₂ hotspot in South-Eastern Europe: An overview of the air quality after the implementation of the flash smelting technology for copper production, <i>Science of The Total Environment</i> , 777 (2021) 145981.
2.	J. V. Kalinovic, S. M. Serbula, A. A. Radojevic, J. S. Milosavljevic, T. S. Kalinovic , M. M. Steharnik, Assessment of As, Cd, Cu, Fe, Pb, and Zn concentrations in soil and parts of <i>Rosa</i> spp. sampled in extremely polluted environment, <i>Environmental Monitoring and Assessment</i> , 191 (2019) 15.
3.	A. A. Radojevic, S. M. Serbula, T. S. Kalinovic , J. V. Kalinovic, M. M. Steharnik, J. V. Petrovic, J. S. Milosavljevic, Metal/metalloid content in plant parts and soils of <i>Corylus</i> spp. influenced by mining–metallurgical production of copper, <i>Environmental Science and Pollution Research</i> , 24 (2017) 10326–10340.
4.	S. M. Serbula, J. S. Milosavljevic, A. A. Radojevic, J. V. Kalinovic, T. S. Kalinovic , Extreme air pollution with contaminants originating from the mining–metallurgical processes, <i>Science of the Total Environment</i> , 586 (2017) 1066–1075.
5.	T. S. Kalinovic , S. M. Serbula, J. V. Kalinovic, A. A. Radojevic, J. V. Petrovic, M. M. Steharnik, J. S. Milosavljevic, Suitability of linden and elder in the assessment of environmental pollution of Brestovac spa and Bor lake (Serbia), <i>Environmental Earth Sciences</i> , 76 (2017) 178.
6.	T. S. Kalinovic , S. M. Serbula, A. A. Radojevic, J. V. Kalinovic, M. M. Steharnik, J. V. Petrovic, Elder, linden and pine biomonitoring ability of pollution emitted from the copper smelter and the tailings ponds, <i>Geoderma</i> , 262 (2016) 266–275.

	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	



7.	S. M. Serbula, A. A. Radojevic, J. V. Kalinovic, T. S. Kalinovic , Indication of airborne pollution by birch and spruce in the vicinity of copper smelter, <i>Environmental Science and Pollution Research</i> , 21 (2014) 11510– 11520.
8.	S. M. Serbula, A. A. Ilic, J. V. Kalinovic, T. S. Kalinovic , N. B. Petrovic, Assessment of air pollution originating from copper smelter in Bor (Serbia), <i>Environmental Earth Sciences</i> , 71 (2014) 1651–1661.
9.	S. M. Serbula, T. S. Kalinovic , J. V. Kalinovic, A. A. Ilic, Exceedance of air quality standards resulting from pyro-metallurgical production of copper: a case study, Bor (Eastern Serbia), <i>Environmental Earth Sciences</i> , 68 (2013) 1989–1998.
10.	S. M. Serbula, T. S. Kalinovic , A. A. Ilic, J. V. Kalinovic, M. M. Steharnik, Assessment of airborne heavy metal pollution using <i>Pinus</i> spp. and <i>Tilia</i> spp., <i>Aerosol and Air Quality Research</i> , 13 (2013) 563–573.

Data summary on the lecturer's scientific activities

Total number of citations	220 (Scopus base, 25.05.2023)	
Total number of papers published in SCI (SSCI) indexed journals	13	
The number of active project engagements	National projects: 1	International projects:
Personal improvements		
Other relevant data		

	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	


Surname, middle name, Name		Radojević A. Ana			
Academic title		Assistant professor			
Name of the institution (full time/part time employment), from date		University of Belgrade, Technical faculty in Bor, from 20.10.2008.			
Narrow scientific field		Chemistry, chemical technology and chemical engineering			
Academic career					
	Year	Institution	Scientific field	Narrow scientific field	
Election to the current academic title	2017	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
PhD	2017	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
Master's degree	2010	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
Diploma	2008	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
List of the courses taught by the lecturer at the second level of study					
No.	Course code	Course title	Type of teaching (lectures (L)/ practical class (PC))	Study program/s	Study level
1.	МТИИИЗВ	Industrial sources of air pollution	L+PC	Technological engineering	MAS
The most relevant scientific references, according to the standards for the specified field (from 5 to 10)					
1.	S. Šerbula, J. Milosavljević, J. Kalinović, T. Kalinović, A. Radojević , T. Apostolovski Trujic, V. Tasic, Arsenic and SO ₂ hotspot in South-Eastern Europe: An overview of the air quality after the implementation of the flash smelting technology for copper production, <i>Science of the Total Environment</i> , 777 (2021) 145981.				
2.	J. Milosavljević, S. Šerbula, D. Cokesa, D. Milanovic, A. Radojević , T. Kalinović, J. Kalinović: Soil enzyme activities under the impact of long-term pollution from mining-metallurgical copper production, <i>European Journal of Soil Biology</i> , 101 (2020) 103232.				
3.	J.V. Kalinovic, S.M. Serbula, A.A. Radojevic , J.S. Milosavljevic, T.S. Kalinovic, M.M. Steharnik, Assessment of As, Cd, Cu, Fe, Pb, and Zn concentrations in soil and parts of <i>Rosa</i> spp. sampled in extremely polluted environment, <i>Environmental Monitoring and Assessment</i> , 19(1) (2019).				
4.	S. Šerbula, J. Milosavljević, A. Radojević , J. Kalinović, T. Kalinović: Extreme air pollution with contaminants originating from the mining–metallurgical processes, <i>Science of the Total Environment</i> , 586 (2017) 1066–1075.				
5.	A.A. Radojevic , S.M. Serbula, T.S. Kalinovic, J.V. Kalinovic, M.M. Steharnik, J.V. Petrovic, J.S. Milosavljevic, Metal/metalloid content in plant parts and soils of <i>Corylus</i> spp. influenced by mining–metallurgical production of copper, <i>Environmental Science and Pollution Research</i> , 24(11) (2017) 10326–10340.				
6.	S.M. Serbula, J.S. Milosavljevic, A.A. Radojevic , J.V. Kalinovic, T.S. Kalinovic, Extreme air pollution with contaminants originating from the mining–metallurgical processes, <i>Science of the Total Environment</i> , 586 (2017) 1066–1075.				

	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	



7.	S.M. Serbula, A.A. Radojevic , J.V. Kalinovic, T.S. Kalinovic, Indication of airborne pollution by birch and spruce in the vicinity of copper smelter, Environmental Science and Pollution Research, 21 (2014) 11510–11520.
8.	S.M. Serbula, A.A. Ilic , J.V. Kalinovic, T.S. Kalinovic, N.B. Petrovic, Assessment of air pollution originating from copper smelter in Bor (Serbia), Environmental Earth Sciences, 71 (2014) 1651–1661.
9.	S.M. Serbula, D.Dj. Miljkovic, R.M. Kovacevic, A.A. Ilic , Assessment of airborne heavy metal pollution using plant parts and topsoil, Ecotoxicology and Environmental Safety, 76 (2012) 209–214.
10.	S.M. Šerbula, M.M. Antonijević, N.M. Milošević, S.M. Milić, A.A. Ilić , Concentrations of particulate matter and arsenic in Bor (Serbia), Journal of Hazardous Materials, 181 (2010) 43–51.

Data summary on the lecturer's scientific activities

Total number of citations	389 (Scopus base, 25.05.2023)	
Total number of papers published in SCI (SSCI) indexed journals	14	
The number of active project engagements	National projects: 1	International projects:
Personal improvements		
Other relevant data Member of the Council of the Technical Faculty in Bor (2022–present); Member of the Organizing Comities of the International Conferences IOC'17, EcoTER'18, EcoTER'19, EcoTER'21, and EcoTER'22; Member of the working group of the Programme for the Environmental protection on the territory of the Bor Municipality (in the period 2022–2031); Member of the Serbian Chemical Society (2021–present); Member of the Council for Ecology of the Copper Mining and Smelting Combine Bor – Serbia (in the period 2011–2012.); h-index=10.		

	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	



Surname, middle name, Name		Tasić Z. Žaklina			
Academic title		Associate professor			
Name of the institution (full time/part time employment), from date		University of Belgrade, Technical faculty in Bor, from 01.12.2012.			
Narrow scientific field		Chemistry, chemical technology and chemical engineering			
Academic career					
	Year	Institution	Scientific field	Narrow scientific field	
Election to the current academic title	2023	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
PhD	2017	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
Master's degree	2012	Faculty of Technology and Metallurgy in Belgrade	Technological engineering	Biochemical engineering and biotechnology	
Diploma	2011	Faculty of Technology and Metallurgy in Belgrade	Technological engineering	Biochemical engineering and biotechnology	
List of the courses taught by the lecturer at the second level of study					
No.	Course code	Course title	Type of teaching (lectures (L)/ practical class (PC))	Study program/s	Study level
1.	MTIIEI	Electrochemical engineering	PC	Technological engineering	MAS
The most relevant scientific references, according to the standards for the specified field (from 5 to 10)					
1.	Ž.Z. Tasić, M.B.P. Mihajlović, M.B. Radovanović, A.T.Simonović, D.V. Medić, M.M. Antonijević, Electrochemical determination of L-tryptophan in food samples on graphite electrode prepared from waste batteries, Scientific Reports, 12(1) (2022) 5469.				
2.	Ž.Z. Tasić, M.B. Petrović Mihajlović, M.B. Radovanović, A.T. Simonović, M.M. Antonijević, Experimental and theoretical studies of paracetamol as a copper corrosion inhibitor, Journal of Molecular Liquids, 327 (2021) 114817.				
3.	M. Radovanović, M.P. Mihajlović, Ž. Tasić, A. Simonović, M. Antonijević, Inhibitory effect of L-Threonine and L-Lysine and influence of surfactant on stainless steel corrosion in artificial body solution Journal of Molecular Liquids, 342 (2021) 116939.				
4.	M.B. Petrović Mihajlović, M.B. Radovanović, A.T. Simonović, Ž.Z. Tasić, M.M. Antonijević, Evaluation of purine based compounds as the inhibitors of copper corrosion in simulated body fluid, Results in Physics 14 (2019)				
5.	Ž.Z. Tasić, M.B. Petrović Mihajlović, M.B. Radovanović, M.M. Antonijević, New trends in corrosion protection of copper, Chemical Papers, 73(9) (2019) 2103–2132.				
6.	Ž.Z. Tasić, M.B. Petrović Mihajlović, M.B. Radovanović, M.M. Antonijević, Electrochemical investigations of copper corrosion inhibition by azithromycin in 0.9% NaCl, Journal of Molecular Liquids, 265 (2018) 687–692.				
7.	Ž.Z. Tasić, M.B. Petrović Mihajlović, M.B. Radovanović, A.T. Simonović, M.M. Antonijević Cephadrine as corrosion inhibitor for copper in 0.9% NaCl solution, Journal of Molecular Structure, 1159 (2018) 46–54.				

	University of Belgrade Technical faculty in Bor		
	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	


8.	M.B. Petrović Mihajlović, M.B. Radovanović, Ž.Z. Tasić , M.M. Antonijević, Imidazole based compounds as copper corrosion inhibitors in seawater, <i>Journal of Molecular Liquids</i> , 225 (2017) 127–136.
9.	Ž.Z. Tasić , M.B. Petrović Mihajlović, M.M. Antonijević, The influence of chloride ions on the anti-corrosion ability of binary inhibitor system of 5-methyl-1H-benzotriazole and potassium sorbate in sulfuric acid solution, <i>Journal of Molecular Liquids</i> , 222 (2016) 1–7.
10.	Ž.Z. Tasić , M.M. Antonijević, M.B. Petrović Mihajlović, The influence of synergistic effects of 5-methyl-1H-benzotriazole and potassium sorbate as well as 5-methyl-1H-benzotriazole and gelatin on the copper corrosion in sulphuric acid solution, <i>Journal of Molecular Liquids</i> , 219 (2016) 463–473.

Data summary on the lecturer's scientific activities

Total number of citations	482 (Scopus base, 25.05.2023)	
Total number of papers published in SCI (SSCI) indexed journals	23	
The number of active project engagements	National projects: 1	International projects:
Personal improvements		
Other relevant data		

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	Accreditation of study program		
	MASTER ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	

Surname, middle name, Name		Kalinović V. Jelena			
Academic title		Assistant Professor			
Name of the institution (full time/part time employment), from date		University of Belgrade, Technical faculty in Bor (full time employment), from 16 October 2008 to 3 June 2018; from 30 September 2019			
Narrow scientific field		Chemistry, chemical technology and chemical engineering			
Academic career					
	Year	Institution	Scientific field	Narrow scientific field	
Election to the current academic title	2019	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
PhD	2019	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering	
Master's degree	2010	Technical faculty in Bor	Technological engineering	Biochemical engineering and biotechnology	
Diploma	2008	Technical faculty in Bor	Technological engineering	Biochemical engineering and biotechnology	
List of the courses taught by the lecturer at the second level of study					
No.	Course code	Course title	Type of teaching (lectures (L)/ practical class (PC))	Study program/s	Study level
2.	МТИИИЗВ	Industrial sources of air pollution	PC	Technological engineering	MAS
The most relevant scientific references, according to the standards for the specified field (from 5 to 10)					
1.	S. M. Šerbula, J. S. Milosavljević, J. V. Kalinović , T. S. Kalinović, A. A. Radojević, T. Apostolovski Trujic, V. Tasic, Arsenic and SO ₂ hotspot in South-Eastern Europe: An overview of the air quality after the implementation of the flash smelting technology for copper production, Science of The Total Environment, 777 (2021) 145981.				
2.	J. V. Kalinovic , S. M. Serbula, A. A. Radojevic, J. S. Milosavljevic, T. S. Kalinovic, M. M. Steharnik, Assessment of As, Cd, Cu, Fe, Pb, and Zn concentrations in soil and parts of <i>Rosa</i> spp. sampled in extremely polluted environment, Environmental Monitoring and Assessment, 191:15 (2019).				
3.	A. A. Radojevic, S. M. Serbula, T. S. Kalinovic, J. V. Kalinovic , M. M. Steharnik, J. V. Petrovic, J. S. Milosavljevic, Metal/metalloid content in plant parts and soils of <i>Corylus</i> spp. influenced by mining–metallurgical production of copper, Environmental Science and Pollution Research, 24 (2017) 10326–10340.				
4.	S. M. Serbula, J. S. Milosavljevic, A. A. Radojevic, J. V. Kalinovic , T. S. Kalinovic, Extreme air pollution with contaminants originating from the mining–metallurgical processes, Science of the Total Environment, 586 (2017) 1066–1075.				
5.	T. S. Kalinovic, S. M. Serbula, J. V. Kalinovic , A. A. Radojevic, J. V. Petrovic, M. M. Steharnik, J. S. Milosavljevic, Suitability of linden and elder in the assessment of environmental pollution of Brestovaca spa and Bor lake (Serbia), Environmental Earth Sciences, 76:178 (2017).				
6.	T. S. Kalinovic, S. M. Serbula, A. A. Radojevic, J. V. Kalinovic , M. M. Steharnik, J. V. Petrovic, Elder, linden and pine biomonitoring ability of pollution emitted from the copper smelter and the tailings ponds, Geoderma, 262 (2016) 266–275.				

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	Accreditation of study program		
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7.	S. M. Serbula, A. A. Radojevic, J. V. Kalinovic , T. S. Kalinovic, Indication of airborne pollution by birch and spruce in the vicinity of copper smelter, Environmental Science and Pollution Research, 21 (2014) 11510– 11520.
8.	S. M. Serbula, A. A. Ilic, J. V. Kalinovic , T. S. Kalinovic, N. B. Petrovic, Assessment of air pollution originating from copper smelter in Bor (Serbia), Environmental Earth Sciences, 71 (2014) 1651–1661.
9.	S. M. Serbula, T. S. Kalinovic, J. V. Kalinovic , A. A. Ilic, Exceedance of air quality standards resulting from pyro-metallurgical production of copper: a case study, Bor (Eastern Serbia), Environmental Earth Sciences, 68 (2013) 1989–1998.
10.	S. M. Serbula, T. S. Kalinovic, A. A. Ilic, J. V. Kalinovic , M. M. Steharnik, Assessment of airborne heavy metal pollution using <i>Pinus</i> spp. and <i>Tilia</i> spp., Aerosol and Air Quality Research, 13 (2013) 563–573.

Data summary on the lecturer's scientific activities

Total number of citations	212 (Scopus base, 25.05.2023)	
Total number of papers published in SCI (SSCI) indexed journals	12	
The number of active project engagements	National projects: 1	International projects:
Personal improvements		
Other relevant data		