

	<b>University of Belgrade</b> Technical Faculty in Bor Vojske Jugoslavije 12, 19210 Bor		
	<b>ACCREDITATION OF THE STUDY PROGRAM</b>		
	DOCTORAL ACADEMIC STUDIES	TECHNOLOGICAL ENGINEERING	

# **BOOK OF TEACHERS**

## **STUDY PROGRAM: TECHNOLOGICAL ENGINEERING**

### **DOCTORAL ACADEMIC STUDIES (3<sup>RD</sup> LEVEL OF THE ACADEMIC STUDIES)**

BOR, 2023

## List of teachers:

Snežana Milić	3
Snežana Šerbula	5
Grozanka Bogdanović	7
Slađana Alagić	8
Jelena Đoković	10
Dejan Tanikić	12
Marija Petrović Mihajlović	13
Ana Simonović	14
Milan Radovanović	16
Žaklina Tasić	17
Zoran Stević	19
Vesna Krstić	21
Jasmina Stevanović	23
Miomir Pavlović	25
Lidija T. Mančić	27
Tanja Kalinović	29

<b>Surname, middle name, Name</b>		<b>Milić M. Snežana</b>		
<b>Academic title</b>		Full Professor		
<b>Name of the institution (full time/part time employment), from date</b>		University of Belgrade, Technical faculty in Bor, from 01.11.1984.		
<b>Narrow scientific field</b>		Chemistry, chemical technology and chemical engineering		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
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
<b>Specialization</b>				
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
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
<b>No.</b>	<b>Course code</b>	<b>Course title</b>		
1.	ДТИ1ФПМ	Mass transport phenomena		
2.	ДТИ1ОПХК	Chemical kinetics – selected topics		
3.	ДТИ1ОПТК	Special course in ceramic technology		
4.	ДТИ1НМ	Materials science		
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
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 <sub>2</sub> , <i>Journal of Material Cycles and Waste Management</i> , 25, 2 (2023) 1008-1018.			M22
2.	V. Trifunović, S. Milić, Lj. Avramović, R. Jonović, V. Gardić, S. Đorđević, S. Dimitrijević, Investigation of hazardous waste - A case study of electric arc furnace dust characterization, <i>Hemijska Industrija (Chemical Industry)</i> , 76, 4 (2022) 237-249.			M23
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, <i>International Journal of Environmental Science and Technology</i> (2022) <a href="https://doi.org/10.1007/s13762-022-04541-w">https://doi.org/10.1007/s13762-022-04541-w</a> .			M22
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, <i>Chemosphere</i> , 262 (2021) 127808.			M21
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), <i>Water, Air, &amp; Soil Pollution</i> , 231 (2020) 98.			M22
6.	M. Nujkić, S. Milić, B. Spalovic, A. Dardas, S. Alagić, D. Ljubic, A. Papludis, <i>Saponaria officinalis</i> L. and <i>Achillea millefolium</i> L. as possible indicators of trace elements pollution caused by mining and metallurgical activities in Bor, Serbia, <i>Environmental Science and Pollution Research</i> , 27, 36 (2020) 44969-44982.			M22
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), <i>Environmental Earth Sciences</i> , 79, 267 (2020).			M22
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, <i>Hemijska Industrija (Chemical Industry)</i> 74, 3 (2020) 221-230.			M23
9.	M. Dimitrijević, D. Urošević, S. Milić, M. Sokić, R. Marković, Dissolution of copper from smelting slag by leaching in chloride media, <i>Journal of Mining and Metallurgy, Section B: Metallurgy</i> , 53, 3 (2017) 407-412.			M22
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, <i>International Journal of Environmental Science and Technology</i> , 13, 2 (2016) 615-630.			M22

<b>Data summary on the lecturer's scientific activities</b>		
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		

<b>Surname, middle name, Name</b>		<b>Snežana M. Šerbula</b>		
<b>Academic title</b>		Full professor		
<b>Name of the institution (full time/part time employment), from date</b>		University of Belgrade, Technical Faculty in Bor		
<b>Narrow scientific field</b>		Chemistry, chemical technology and chemical engineering		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
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 science	Technical sciences
Specialization	1989.	University of Belgrade, Faculty of Technology and Metallurgy	Technical science	Chemical Engineering
Master's degree				
Diploma	1983.	University of Belgrade, Faculty of Technology and Metallurgy	Technical science	Chemical Engineering
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
<b>No.</b>	<b>Course code</b>	<b>Course title</b>		
1.	ДТИ1ФПМ	Mass transfer phenomena		
2.	ДТИ1ОПХТ	Selected chapters of chemical thermodynamics		
3.	ДТИ1АА	Aerosols in the atmosphere		
4.	ДТИ2ТОВ	Waste water treatment		
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
1.	J. Kalinović, S. Šerbula, A. Radojević, J. Milosavljević, T. Kalinović, M. Steharnik: Assessment of As, Cd, Cu, Fe, Pb, and Zn concentrations in soil and parts of Rosa spp. sampled in extremely polluted environment, Environmental Monitoring and Assessment, Vol. 191 (2019) 15			M22
2.	S. Šerbula: PROCEEDINGS 27th INTERNATIONAL CONFERENCE ECOLOGICAL TRUTH AND ENVIRONMENTAL RESEARCH – EcoTER'19, Borsko jezero, Serbia, 18.06.2019. - 21.06.2019., pp. 1 - 664			M36
3.	S. Šerbula: MONOGRAPH ECOLOGICAL TRUTH AND ENVIRONMENTAL RESEARCH, Editors: Snežana M. Šerbula, Publisher: University of Belgrade, Technical Faculty in Bor, Printed by University of Belgrade, Technical Faculty in Bor, pp. i - 159, 2018			M17
4.	S. Šerbula: Environment and local government in Bor (Serbia), International local governments symposium, Alanya, Turkey, 01.11.2018 - 03.11.2018, pp. 74 - 81			M31
5.	S. Šerbula, J. Milosavljević, A. Radojević, J. Kalinović, T. Kalinović: Extreme air pollution with contaminants originating from the mining–metallurgical processes, Science of the Total Environment, Vol. 586 (2017) 1066 - 1075			M21
6.	A. Radojević, S. Šerbula, T. Kalinović, J. Kalinović, M. Steharnik, J. Petrovic, J. Milosavljević: Metal/metalloid content in plant parts and soils of Corylus spp. influenced by mining–metallurgical production of copper, Environmental Science and Pollution Research, Vol. 24, No. 11 (2017) 10326 - 10340			M21
7.	T. Kalinović, S. Šerbula, J. Kalinović, A. Radojević, J. Petrovic, M. Steharnik, J. Milosavljević: Suitability of linden and elder in the assessment of environmental pollution of Brestovac spa and Bor lake (Serbia), Environmental Earth Sciences, Vol. 76, No. 4 (2017)			M22
8.	S. Šerbula: The impact of mining metallurgical copper production in Bor on the environment, YUCORR 2017, Meeting Point of the Science and Practice in the Fields of Corrosion, Materials and Environmental Protection, Tara Mountain, Serbia, Serbia, 12.09.2017 - 15.09.2017 23 - 37			M31
9.	S. Šerbula: Air Quality; Aerosol and Biomonitoring, Editors: Šerbula M. Snežana, Publisher: NOVA Publishers, New York, Printed by NOVA Science Publishers, New York, (2016) 1 - 216			M17
10.	T. Kalinović, S. Šerbula, A. Radojević, J. Kalinović, M. Steharnik, J. Petrovic: Elder, linden and pine biomonitoring ability of pollution emitted from the copper smelter and the tailings ponds, Geoderma, Vol. 262 (2016) 266 - 275			M21a
11.	S. Šerbula, V. Stanković, D. Živković, Ž. Kamberović, M. Gorgievski, T. Kalinović: Characteristics of Wastewater Streams within the Bor Copper Mine and their Influence on Pollution of the Timok River, Serbia, Mine Water and the Environment, Vol. 35, No. 4 (2016) 480 - 485			M22
12.	S. Šerbula, D. Živković, A. Radojević, T. Kalinović, J. Kalinović: Emission of SO <sub>2</sub> and SO <sub>4</sub> <sup>2-</sup> from copper smelter and its influence on the level of total S in soil and moss in Bor, Serbia, and the			M23

	surroundings, Hemijska industrija, Vol. 69, No. 1 (2015) 51 - 58	
13.	D. Živković, S. Kalinović, N. Štrbac, A. Mitovski, <b>S. Šerbula</b> , L. Balanović, M. Sokić: Exergy efficiency concept in industrial ecology, IV International Congress: Engineering, environmental Materials in Processing Industry, Jahorina, Bosnia and Herzegovina, 04.03.2015 - 06.03.2015, 883 - 889	M33
14.	<b>S. Šerbula</b> , A. Radojević, J. Kalinović, T. Kalinović: Indication of airborne pollution by birch and spruce in the vicinity of copper smelter, Environmental Science and Pollution Research, Vol. 21, No. 19 (2014) 11510 - 11520	M21
15.	<b>S. Šerbula</b> , A. Radojević, J. Kalinović, T. Kalinović, N. Petrović: Assessment of air pollution originating from copper smelter in Bor (Serbia), Environmental Earth Sciences, Vol. 71, No. 4 (2014) 1651 - 1661	M22
16.	M. Gorgievski, D. Božić, V. Stanković, N. Štrbac, <b>S. Šerbula</b> : Kinetics equilibrium and mechanism of Cu <sup>2+</sup> , Ni <sup>2+</sup> and Zn <sup>2+</sup> ions biosorption using wheat straw, Ecological Engineering, Vol. 58 (2013) 113 - 122	M21
17.	D. Božić, M. Gorgievski, V. Stanković, N. Štrbac, <b>S. Šerbula</b> : Adsorption of heavy metal ions by beech sawdust - Kinetics, mechanism and equilibrium of the process, Ecological Engineering, Vol. 58 (2013) 202 - 206	M21
18.	<b>S. Šerbula</b> , T. Kalinović, A. Radojević, J. Kalinović, M. Šteharnik: Assessment of airborne heavy metal pollution using Pinus spp. and Tilia spp., Aerosol and Air Quality Research, Vol. 13 (2013) 563 - 573	M21
19.	<b>S. Šerbula</b> , D. Miljković, R. Kovačević, A. Ilić: Assessment of airborne heavy metal pollution using plant parts and topsoil, Ecotoxicology and Environmental Safety, Vol. 76, No. 1 (2012) 209 - 214	M21
20.	<b>S. Šerbula</b> , M. Antonijević, N. Milošević, S. Milić, A. Ilić: Concentrations of particulate matter and arsenic in Bor (Serbia), Journal of Hazardous Materials, Vol. 181, No.1-3 (2010) 43 - 51	M21
<b>Data summary on the lecturer's scientific activities</b>		
Total number of citations	460	
Total number of papers published in SCI (SSCI) indexed journals	18	
The number of active project engagements	National projects: 2	International projects:
Personal improvements		
Other relevant data		

<b>Surname, middle name, Name</b>		<b>Grozdanka Bogdanović</b>		
Academic title		Full Professor		
Name of the institution (full time/part time employment), from date		University of Belgrade, Technical Faculty in Bor, from 01.10.1992		
Narrow scientific filed		Mineral and Recycling Technologies		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
Election to the current academic title	2015	Technical faculty in Bor	Mining	Mineral and Recycling Technologies
PhD	2005	Technical faculty in Bor	Mining	Mineral and Recycling Technologies
Specialization				
Master's degree	1995	Technical faculty in Bor	Mining	Mineral Processing
Diploma	1990	Technical faculty in Bor	Mining	Mineral Processing
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
No.	Course code	Course title		
1.	ДРИ1ТПХМК	Theoretical Principles of Concentration Chemical Methods		
2.	ДРУ2СМФ	Specific Methods of Flotation		
3.	ДИ2ТОР3	Fundamental of soil remediation		
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
1.	F. Popescu, M.Trumić, A.E. Cioabla, ... <b>G.Bogdanović</b> , G. Trif-Tordai. Analysis of Surface Water Quality and Sediments Content on Danube Basin in Djerdap-Iron Gate Protected Areas, <i>Water (Switzerland)</i> , 14(19) ( 2022), 2991.	M22		
2.	V.Stanković, M. Gorgievski, D.Božić, <b>G.D.Bogdanović</b> , Mine Waters Purification by Biosorption Coupled with Green Energy Production from Wood and Straw Biomass. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 28(4) (2022), pp. 255–264	M 23		
3.	S.J. Petrović, <b>G.D. Bogdanović</b> , M.M. Antonijević, Leaching of chalcopyrite with hydrogen peroxide in hydrochloric acid solution, <i>Transactions of Nonferrous Metals Society of China</i> , 28 (7) (2018), 1444-1455.	M21		
4.	V. Stanković, V. Milošević, D. Miličević, M. Gorgievski, <b>G.Bogdanović</b> , Reprocessing of the old flotation tailings deposited on the RTB Bor tailings pond – a case study, <i>Chemical Industry and Chemical Engineering Quarterly</i> , 24(4)(2018), 333-344.	M23		
5.	M.S. Trumic, M.Z. Trumic, B. Vujic, Lj. Andric, <b>G.Bogdanovic</b> , Results of fibre and toner flotation depending on oleic acid dosage, <i>Waste Management and Research</i> , 34(9)(2016), 969-974	M22		
6.	Z. O. Stevanović, M. M. Antonijević, <b>G. D. Bogdanović</b> , M. M. Bugarin, V.K. Trujić, R.T.Marković, D. M.Nedeljković: The effect of oxidants through a tailing dump depth and the leaching of copper, <i>Carpathian Journal of Earth and Environmental Sciences</i> , 8 (1) (2013) 29-38.	M23		
7.	Z.O.Stevanović, M.M.Antonijević, <b>G.D. Bogdanović</b> , V.K. Trujić, M.M. Bugarin., Influence of the chemical and mineralogical composition on the acidity of an ethodolo copper mine in the Bor river valley (Eastern Serbia). <i>GCHE Chemistry and Ecology Journal</i> , 27(5) (2011) 401-414.	M23		
8.	D. Božić, V. Stanković, M. Gorgievski, <b>G. Bogdanović</b> , R. Kovačević, Adsorption of heavy metal ions by sawdust of deciduous trees, <i>Journal of Hazardous Materials</i> , 171 (1-3) (2009) 684-692.	M21		
9.	M. Gorgievski, D. Božić, V. Stanković, <b>G. Bogdanović</b> , Copper electrowinning from acid mine drainage: A case study from the closed mine “Cerovo”, <i>Journal of Hazardous Materials</i> , 170 (2-3) (2009) 716-72.	M21		
10.	M. M. Antonijevic, <b>G. D. Bogdanović</b> , M. B. Radovanovic, M. B. Petrovic, A. T.Stamenkovic, Influence of pH and chloride ions on electrochemical behavior of brass in alkaline solution, <i>International Journal of Electrochemical Science</i> , 4(5) (2009) 654-661	M22		
11.	M.M.Antonijević, M.D.Dimitrijević, Z.O.Stevanović, S.M.Šerbula, <b>G.D.Bogdanović</b> , Investigation of the possibility of copper recovery from the flotation tailings by acid leaching, <i>Journal of Hazardous Materials (ISSN 0304-3894)</i> , 158(1)(2008) 23-34.	M21		
12.	M.M.Antonijević, M.D.Dimitrijević, S.M.Šerbula, V.LJ.Dimitrijević, <b>G.D.Bogdanović</b> , S.M.Milić, Influence of inorganic anions on electrochemical ethodol of pyrite, <i>Electrochimica Acta</i> , 50 (2005) 4160-4167.	M21		
13.	M.M.Antonijević, <b>G.D.Bogdanović</b> , Investigation of the leaching of chalcopryitic ore in acidic solutions, <i>Hydrometallurgy</i> , 73(2004) 245-256.	M21		
14.	M.M. Antonijević, S.M. Milić, S.M. Šerbula and <b>G.D.Bogdanović</b> , The influence of chloride ions and benzotriazole on the corrosion behavior of Cu37Zn brass in alkaline medium, <i>Electrochimica Acta</i> , 50(2005)3693-3701	M21		
15.	<b>G. Bogdanović</b> , V. Stanković, M. S. Trumić, D. Antić, M. Trumić, Leaching of Low-Grade Copper Ores: A Case Study for „ Kraku Bugaresku-Cementacija“ Deposits (Eastern Serbia), <i>Journal of Mining and Metallurgy, Section A: Mining</i> , 52( 1)(2016) 45 – 56.	M24		
<b>Data summary on the lecturer’s scientific activities</b>				
Total number of citations		641		
Total number of papers published in SCI (SSCI) indexed journals		18		

The number of active project engagements	National projects: 1	International projects: 1
Personal improvements		

<b>Surname, middle name, Name</b>		<b>Sladana Č. Alagić</b>		
<b>Academic title</b>		Full professor		
<b>Name of the institution (full time/part time employment), from date</b>		University of Belgrade, Technical faculty in Bor, from 19.04.2008.		
<b>Narrow scientific filed</b>		Chemistry, chemical technology, and chemical engineering		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
Election to the current academic title	20.9.2022.	University of Belgrade, Technical faculty in Bor	Chemical science	Chemistry
PhD	2005.	Faculty of natural sciences and mathematics	Chemical science	Chemistry
Specialization				
Master's degree	2000.	Faculty of natural sciences and mathematics	Chemical science	Chemistry
Diploma	1986.	Faculty of philosophy	Chemical science	Chemistry

**List of the courses taught by the lecturer at doctoral academic study programs**

No.	Course code	Course title
1.	ДТИ13ЖС	Environmental protection
2.		
3.		

**The most relevant scientific references, according to the standards for the specified field (from 10to 20)**

1.	<b>S.Č. Alagić</b> , S.S. Šerbula, S.B. Tošić, A.N. Pavlović, J.V. Petrović (2013): Bioaccumulation of Arsenic and Cadmium in Birch and Lime from the Bor Region. <i>Archives of Environmental Contamination and Toxicology</i> , 65(4):671-682	<b>M22</b>
2.	M. Maric, M. Antonijević, <b>S. Alagic</b> (2013): The investigation of the possibility for using some wild and cultivated plants as hyperaccumulators of heavy metals from contaminated soil. <i>Environmental Science and Pollution Research</i> , 20(2):1181-1188	<b>M21</b>
3.	S. Dimitrijevic, M. Rajcic-Vujasinovic, <b>S. Alagic</b> , V. Grekulovic, V. Trujic (2013): Formulation and characterization of electrolyte for decorative gold plating based on mercaptotriazole. <i>Electrochimica Acta</i> , 104:330-336	<b>M21</b>
4.	<b>S. Alagić</b> , S. Tošić, A. Pavlović (2014): NICKEL CONTENT IN DECIDUOUS TREES NEAR COPPER MINING AND SMELTING COMPLEX BOR (EAST SERBIA). <i>Carpathian Journal of Earth and Environmental Sciences</i> , 9(4):191-199	<b>M23</b>
5.	<b>S.Č. Alagić</b> , S.B. Tošić, M.D. Dimitrijević, M.M. Antonijević, M.M. Nujkić (2015): 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. <i>Environmental Science and Pollution Research</i> , 22(9):7155-7175	<b>M21</b>
6.	<b>S.Č. Alagić</b> , B.S. Maluckov, V.B. Radojčić (2015): How can plants manage polycyclic aromatic hydrocarbons? May these effects represent a useful tool for an effective soil remediation? A review. <i>Clean Technologies and Environmental Policy</i> , 17(3):597-614	<b>M22</b>
7.	S.Tošić, <b>S. Alagić</b> , M. Dimitrijević, A. Pavlović, M. Nujkić (2016): Plant parts of the apple tree ( <i>Malus spp.</i> ) as possible indicators of heavy metal pollution. <i>AMBIO</i> , 45(4):501-512	<b>M21</b>
8.	M. Dimitrijevic, M. Nujkic, <b>S. Alagic</b> , S. Milic, S. Tosic (2016): Heavy metal contamination of topsoil and parts of peach-tree growing at different distances from a smelting complex. <i>International Journal of Environmental Science and Technology</i> , 13:615-630	<b>M22</b>
9.	M. Nujkić, M. Dimitrijević, <b>S. Alagić</b> , S. Tošić, J. Petrović (2016): Impact of metallurgical activities on the content of trace elements in the spatial soil and plant parts of <i>Rubus fruticosus</i> L. <i>Environmental Science: Processes &amp; Impacts</i> , 18:350-360	<b>M22</b>
10.	<b>S.Č. Alagić</b> , S.B. Tošić, M.D. Dimitrijević, J.V. Petrović, D.V. Medić (2016): 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. <i>Communications in Soil Science and Plant Analysis</i> . 47(17):2034-2045	<b>M23</b>
11.	<b>S.Č. Alagić</b> , V.P. Stankov Jovanović, V.D. Mitić, J.S. Cvetković, G.M. Petrović, G.S. Stojanović (2016): Bioaccumulation of HMW PAHs in the roots of wild blackberry from the Bor region (Serbia): Phytoremediation and biomonitoring aspects. <i>Science of the Total Environment</i> ,	<b>M21a</b>

	562C:561-570	
12.	<b>S.Č. Alagić</b> , V.P. Stankov Jovanović, V.D. Mitić, J.S. Nikolić, G.M. Petrović, S.B. Tošić, G.S. Stojanović (2017): 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). <i>Environmental Science and Pollution Research</i> , 24(18): 15609-15621	<b>M22</b>
13.	<b>S.Č. Alagić</b> , S.B. Tošić, M.D. Dimitrijević, J.V. Petrović, D.V. Medić (2017): Chemometric evaluation of trace metals in <i>Prunus persica</i> L. Batech and <i>Malus domestica</i> from Minićevo (Serbia). <i>Food Chemistry</i> , 217:568-575	<b>M21a</b>
14.	S. Tosic, G. Stojanovic, S. Mitic, A. Pavlovic, <b>S. Alagic</b> (2017): Mineral composition of selected Serbian propolis samples. <i>Journal of Apicultural Science</i> , 61(1):5-15	<b>M23</b>
15.	<b>S.Č. Alagić</b> , Z.M. Stević, P.B. Jovanić, I. Morić, S. Jeremić, Lj.B. Popara (2018): 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(2):135-146	<b>M23</b>
16.	<b>S.Č. Alagić</b> , S.B. Tošić, M.D. Dimitrijević, M.M. Nujkić, A.D. Papludis, V. Z. Fogl (2018): 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(34):34139-34154	<b>M22</b>
17.	S. B. Dimitrijević, <b>S. Č. Alagić</b> , M. M. Rajčić-Vujasinović, S. P. Dimitrijević, A. T. Ivanović (2019): IR/Raman characterization of Au-mercaptoptriazole crystals. <i>Bulgarian Chemical Communications</i> , 51(3) p. 358-364	<b>M23</b>
18.	Silvana B. Dimitrijević; <b>Slađana Alagić</b> ; Sonja Pavlović; Biljana Stanković; Nikola Kotur; Aleksandra Ivanović; Stevan P. Dimitrijević (2021): Cytotoxicity of the gold complex based on mercaptoptriazole – A comparison with the conventional cyanide electrolyte. <i>Journal of the Indian Chemical Society</i> . 98(11), 100219	<b>M23</b>
19.	Jelena V. Petrović, <b>Slađana Č. Alagić</b> , Snezana M. Milić, Snezana B. Tošić, Mile M. Bugarin (2021): 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 article number 127808	<b>M21</b>
<b>Data summary on the lecturer's scientific activities</b>		
Total number of citations	589	
Total number of papers published in SCI (SSCI) indexed journals	37	
The number of active project engagements	National projects: 1	International projects:
Personal improvements		
Other relevant data	h-index: 14	

<b>Surname, middle name, Name</b>		<b>Djoković M. Jelena</b>		
<b>Academic title</b>		full professor		
<b>Name of the institution (full time/part time employment), from date</b>		University of Belgrade, Technical Faculty in Bor, 2008.		
<b>Narrow scientific filed</b>		mechanical engineering, fracture mechanics		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
Election to the current academic title	2016.	University of Belgrade, Technical Faculty in Bor	mechanical engineering	fracture mechanics
PhD	2001.	Faculty of Mechanical Engineering, University of Kragujevac	mechanical engineering	fracture mechanics
Specialization				
Master's degree	1998.	Faculty of Mechanical Engineering, University of Kragujevac	mechanical engineering	fracture mechanics
Diploma	1994.	Faculty of Mechanical Engineering, University of Kragujevac	mechanical engineering	steel construction
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
No.	Course code	Course title		
1.	DTI1OPHT	Selected topics of Chemical Thermodynamics		
2.				
3.				
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
1.	<b>Jelena M. Djoković</b> , Ružica R. Nikolić, Jan Bujnak, Branislav Hadzima, Filip Pastorek, Renata Dwornicka and Robert Ulewicz, Selection of the Optimal Window Type and Orientation for the Two Cities in Serbia and One in Slovakia, <i>Energies</i> , 2022, Vol.15, No. 1, pp. 323(1-18), ISSN: 1996-1073, Publisher: MDPI AG, Basel, Switzerland, DOI: 10.3390/en15010323, <a href="https://www.mdpi.com/1996-1073/15/1/323">https://www.mdpi.com/1996-1073/15/1/323</a>			M22
2.	Saša M. Kalinović, Dejan I. Tanikić, <b>Jelena M. Djoković</b> , Ružica R. Nikolić, Branislav Hadzima and Robert Ulewicz, Optimal solution for an energy efficient construction of a ventilated façade obtained by a genetic algorithm, <i>Energies</i> , 2021, Vol.14, No. 11, pp. 3293(1-14), ISSN: 1996-1073, Publisher: MDPI AG, Basel, Switzerland, DOI: 10.3390/en14113293, <a href="https://www.mdpi.com/1996-1073/14/11/3293/htm">https://www.mdpi.com/1996-1073/14/11/3293/htm</a>			M22
3.	Ružica R. Nikolić, <b>Jelena M. Djoković</b> , Branislav Hadzima and Robert Ulewicz, Spot-weld service life estimate based on application of the interfacial crack concept, <i>Materials</i> , 2020, 13(13), 2976, pp. 1-11, ISSN 1996-1944, Publisher: MDPI AG, Basel, Switzerland, DOI: doi.org/10.3390/ma13132976, <a href="https://www.mdpi.com/1996-1944/13/13/2976">https://www.mdpi.com/1996-1944/13/13/2976</a>			M22
4.	<b>Jelena M. Djoković</b> , Ružica R. Nikolić, Robert Ulewicz and Branislav Hadzima, (2020), Interface Crack Approaching a Three-Material Joint, <i>Applied Sciences</i> , 2020, Vol. 10, No. 1, 416, pp. 1-12, ISSN(electronic): 2076-3417, Publisher: MDPI AG, Basel, Switzerland, DOI:10.3390/app10010416, <a href="https://www.mdpi.com/2076-3417/10/1/416">https://www.mdpi.com/2076-3417/10/1/416</a>			M22
5.	<b>Jelena M. Djoković</b> , Ružica R. Nikolić, Dragoslav M. Šumarac, and Jan Bujnak, Analysis based on the energy release rate criterion of a dynamically growing crack approaching an interface, <i>International Journal of Damage Mechanics</i> , Vol. 25(8), 2016, pp. 1170-1183 ISSN 1056-7895, DOI information:10.1177/1056789516650246, <a href="http://ijd.sagepub.com/content/25/8/1170.abstract">http://ijd.sagepub.com/content/25/8/1170.abstract</a>			M22
6.	Saša M. Kalinović, <b>Jelena M. Djoković</b> , 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, Doi: doi.org/10.1177/0954406220941894, 2020, Vol. 235, No. 20, pp.4851-4861, ISSN: 0954-4062, Online ISSN: 2041-2983, <a href="https://journals.sagepub.com/doi/full/10.1177/0954406220941894">https://journals.sagepub.com/doi/full/10.1177/0954406220941894</a>			M22
7.	<b>Djoković, J. M.</b> , R. R. Nikolić, J. Bujnak, B. Hadzima, R. Tomić, "Some Aspects of the Three-Dimensional Interface Cracks Analysis", <i>Technical gazette</i> , 2020, Vol. 27, No. 1, pp. 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, DOI: 10.17559/TV-20161102131118, <a href="http://hrcak.srce.hr/tehnicki-vjesnik">http://hrcak.srce.hr/tehnicki-vjesnik</a> , <a href="http://www.tehnicki-vjesnik.com/web/public/archive">http://www.tehnicki-vjesnik.com/web/public/archive</a>			M23
8.	Alin Murariu, Darko M. Veljić, Dragana R. Barjaktarević, Marko P. Rakin, Nenad A. Radović,			M22

	Aleksandar S. Sedmak and <b>Jelena M. Djoković</b> , Influence of material velocity on heat generation during linear welding stage of friction stir welding, <i>Thermal science</i> , 2016, Vol. 20, No. 5, pp. 1693-1701, ISSN: 1056-7895, DOI information: 10.2298/TSCI150904217M, <a href="http://thermalscience.vinca.rs/2016/5/25">http://thermalscience.vinca.rs/2016/5/25</a>	
9.	<b>Jelena M. Djoković</b> , Ružica 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> , Vol. 3, No. 4, 2016, pp. 959 – 964, DOI: 10.1016/j.matpr.2016.03.028, <a href="http://www.sciencedirect.com/science/article/pii/S2214785316002339">http://www.sciencedirect.com/science/article/pii/S2214785316002339</a>	M23
10.	<b>Jelena M. Djoković</b> , Ružica R. Nikolić, Katarina Z. Živković, Interfacial crack behavior in the stationary temperature field conditions, <i>Thermal Science</i> , 2014, Vol. 18, Suppl.1, pp. S169-S178, DOI information: 10.2298/TSCI120828113D, <a href="http://thermalscience.vinca.rs/2014/supplement/18">http://thermalscience.vinca.rs/2014/supplement/18</a>	M23
<b>Data summary on the lecturer's scientific activities</b>		
Total number of citations	65	
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		

<b>Surname, middle name, Name</b>		<b>Tanikić, Ilija, Dejan</b>		
<b>Academic title</b>		Full Professor		
<b>Name of the institution (full time/part time employment), from date</b>		University of Belgrade – Technical Faculty in Bor, full time employment from 14.9.1998.		
<b>Narrow scientific filed</b>		Mechanical Engineering		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
Election to the current academic title	2020.	Technical Faculty in Bor	Mechanical Engineering	Mechanical Engineering
PhD	2009.	Faculty of Mechanical Engineering, Niš	Mechanical Engineering	Mechanical Engineering
Specialization				
Master's degree	2004.	Faculty of Mechanical Engineering, Niš	Mechanical Engineering	Mechanical Engineering
Diploma	1998.	Faculty of Mechanical Engineering, Niš	Mechanical Engineering	Mechanical Engineering
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
No.	Course code	Course title		
1.	ДРИ2ИСУ	Intelligent Systems for Supervision		
2.	ДРИ2МУ	Machine Learning		
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
1.	D. Tanikić, Computationally intelligent optimization of metal cutting regimes, Measurement, Vol. 152, 2020., 107358			M21
2.	D. Tanikić, V. Marinković, M. Manić, G. Devedžić, S. Randelović, Application of response surface methodology and fuzzy logic based system for determining cutting temperature, Bulletin of the Polish academy of sciences – Technical Sciences, Vol. 64, No. 2, 2016., 435-445			M22
3.	S. Kalinović, D. Tanikić, J. Đoković, R. Nikolić, B. Hadzima, R. Ulewicz, Optimal Solution for an Energy Efficient Construction of a Ventilated Facade Obtained by a Genetic Algorithm, Energies, Vol. 14, No. 11, 2021., 3293			M23
4.	D. Brodić, D. Tanikić, A. Amelio, An approach to evaluation of the extremely low-frequency magnetic field radiation in the laptop computer neighborhood by artificial neural networks, Neural Computing and Applications, Vol. 28, No. 11, 2017., 3441-3453			M21
5.	S. Randelović, M. Madić, M. Milutinović, D. Tanikić, Methodological approach for the texture deformation analysis in the cold extrusion process, The International Journal of Advanced Manufacturing Technology, Vol. 92, No. 9–12, 2017., 3593–3603			M22
6.	D. Tanikić, V. Marinković, Modelling and Optimization of the Surface Roughness in the Dry Turning of the Cold Rolled Alloyed Steel Using Regression Analysis, Journal of the Brazilian Society of Mechanical Sciences and Engineering, Vol. 34, No. 1, 2012., 41-48			M23
7.	D. Tanikić, M. Manić, G. Devedžić, Ž. Cojbašić, Modelling of the Temperature in the Chip-Forming Zone Using Artificial Intelligence Techniques, Neural Network World, Vol. 20, No. 2, 2010., 171-187			M23
8.	V. Despotović, D. Tanikić, Sentiment Analysis of Microblogs Using Multilayer Feed-forward Artificial Neural Networks, Computing and Informatics, Vol. 36, No. 5, 2017., 1127-1142			M23
9.	D. Tanikić, M. Manić, G. Devedžić, Z. Stević, Modelling Metal Cutting Parameters Using Intelligent Techniques, Strojniški vestnik – Journal of Mechanical Engineering, Vol. 56, No. 1, 2010., 52-62			M23
10.	D. Tanikić, M. Manić, G. Radenković, D. Mančić, Metal Cutting Process Parameters Modeling: An Artificial Intelligence Approach, Journal of Scientific and Industrial Research, Vol. 68, No. 6, 2009., 530-539			M23
<b>Data summary on the lecturer's scientific activities</b>				
Total number of citations		70		
Total number of papers published in SCI (SSCI) indexed journals		11		
The number of active project engagements		National projects: 2	International projects:	
Personal improvements				
Other relevant data				

<b>Surname, middle name, Name</b>		<b>Marija B. Petrović Mihajlović</b>		
<b>Academic title</b>		Associate professor		
<b>Name of the institution (full time/part time employment), from date</b>		Technical faculty in Bor, 22.02.2007.		
<b>Narrow scientific filed</b>		Chemistry, chemical technology and chemical engineering		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
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
Specialization				
Master's degree				
Diploma	2006.	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
<b>No.</b>	<b>Course code</b>	<b>Course title</b>		
1.	ДТИ1HM	Materials science		
2.	ДТИ1ET	Electrochemical technology		
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
1.	Ž.Z. Tasić, <b>M.B. Petrović Mihajlović</b> , 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) article number 5469			M21
2.	M. Radovanović, <b>M. Petrović Mihajlović</b> , 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) article number 116939			M21
3.	Ž.Z. Tasić, <b>M.B. Petrović Mihajlović</b> , 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) article number 114817			M21
4.	M.B. Radovanović, Ž.Z. Tasić, <b>M.B. Petrović Mihajlović</b> , 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) article number 16081			M21
5.	Z.Z. Tasić, <b>M.B. Petrović Mihajlović</b> , 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) article number 14710			M21
6.	<b>M. B. Petrović Mihajlović</b> , 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.			M21
7.	Ž. Tasić, <b>M. Petrović Mihajlović</b> , M. Radovanović, M. Antonijević: Electrochemical investigations of copper corrosion inhibition by azithromycin in 0.9% NaCl, Journal of Molecular Liquids, 265, (2018) 687 - 692.			M21
8.	<b>M. Petrović Mihajlović</b> , M. Radovanović, Ž. Tasić, M. Antonijević: Imidazole based compounds as copper corrosion inhibitors in seawater, Journal of Molecular Liquids, 225 (2017) 127 – 136.			M21
9.	Z. Z. Tasic, <b>M. B. Petrović Mihajlović</b> , 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, Journal of Molecular Liquids, 222 (2016) 1-7.			M21
10.	M. Radovanović, <b>M. Petrović Mihajlović</b> , A. Simonović, S. Milić, M. Antonijević: Cysteine as agree corrosion inhibitor for Cu37Zn brass in neutral and weakly alkaline sulphate solutions, Environmental Science and Pollution Research, 20 (2013) 4370 – 4381.			M21
<b>Data summary on the lecturer's scientific activities</b>				
Total number of citations		1505		
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				

<b>Surname, middle name, Name</b>		<b>Ana T. Simonović</b>		
<b>Academic title</b>		assistant professor		
<b>Name of the institution (full time/part time employment), from date</b>		University of Belgrade, Technical Faculty in Bor, 22.02. 2007.		
<b>Narrow scientific filed</b>		Chemistry, chemical technology and chemical engineering		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
Election to the current academic title	2019.	University of Belgrade, Technical Faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
PhD	2014.	University of Belgrade, Technical Faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
Specialization				
Master's degree				
Diploma	2006.	University of Belgrade, Technical Faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
No.	Course code	Course title		
1.	ДТИ2ТОР3	Fundamental of soil remediation		
2.	ДТИ2ТЧО	Solid waste treatment		
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
1.	Ž.Z. Tasić, M.B.P. Mihajlović, M.B. Radovanović, <b>A.T.Simonović</b> , 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) article number: 5469.			M21
2.	Ž.Z. Tasić, M.B. Petrović Mihajlović, M.B. Radovanović, <b>A.T. Simonović</b> , M.M. Antonijević, Experimental and theoretical studies of paracetamol as a copper corrosion inhibitor, <i>Journal of Molecular Liquids</i> , 327 (2021) article number 114817.			M21
3.	M. Radovanović, M.P. Mihajlović, Ž. Tasić, <b>A. Simonović</b> , 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) article number: 116939.			M21
4.	<b>Ana Simonović</b> , 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.			M23
5.	Zaklina Z. Tasić, Marija B. Petrovič Mihajlović, <b>Ana T. Simonović</b> , 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.			M22
6.	<b>Ana T. Simonović</b> , 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, <i>ACS Omega</i> 5 (2020) 12832–12841.			M22
7.	Milan B. Radovanović, Žaklina Z. Tasić, <b>Ana T. Simonović</b> , Marija B: Petrović Mihajlović, Milan M. Antonijević, Corrosion Behavior of Titanium in Simulated Body Solutions with the Addition of Biomolecules, <i>ACS Omega</i> 5 (2020) 12768–12776.			M22
8.	M.B. Petrović Mihajlović, M.B. Radovanović, <b>A.T. Simonović</b> , 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)			M21
9.	Milan B. Radovanović, Žaklina Z. Tasić, Marija B. Petrović Mihajlović, <b>Ana T. Simonović</b> & Milan 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 (2019) 16081.			M21
10.	Ž.Z. Tasić, M.B. Petrović Mihajlović, M.B. Radovanović, <b>A.T. Simonović</b> , M.M. Antonijević Cephadrine as corrosion inhibitor for copper in 0.9% NaCl solution, <i>Journal of Molecular Structure</i> , 1159 (2018) 46–54.			M21
<b>Data summary on the lecturer's scientific activities</b>				
Total number of citations		495		
Total number of papers published in SCI (SSCI) indexed journals		22		
The number of active project engagements		National projects: 1	International projects:	
Personal improvements				



<b>Surname, middle name, Name</b>		<b>Milan B. Radovanović</b>		
<b>Academic title</b>		Full professor		
<b>Name of the institution (full time/part time employment), from date</b>		Technical faculty in Bor, 22.02.2007.		
<b>Narrow scientific field</b>		Chemistry, chemical technology and chemical engineering		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
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
Specialization				
Master's degree				
Diploma	2006.	Technical faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
No.	Course code	Course title		
1.	ДТИ1ЕТ	Electrochemical technology		
2.	ДТИ1ОПТК	Special course in ceramic technology		
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
1.	Ž.Z. Tasić, M.B. Petrović Mihajlović, <b>M.B. Radovanović</b> , 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) article number 5469			M21
2.	<b>M. Radovanović</b> , 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) article number 116939			M21
3.	Ž.Z. Tasić, M.B. Petrović Mihajlović, <b>M.B. Radovanović</b> , A.T. Simonović, M.M. Antonijević, Experimental and theoretical studies of paracetamol as a copper corrosion inhibitor, Journal of Molecular Liquids, 327 (2021) article number 114817			M21
4.	<b>M.B. Radovanović</b> , 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) article number 16081			M21
5.	Z.Z. Tasić, M.B. Petrović Mihajlović, A.T. Simonović, <b>M.B. Radovanović</b> , M.M. Antonijević, Ibuprofen as a corrosion inhibitor for copper in synthetic acid rain solution, Scientific Reports, 9 (1) (2019) article number 14710			M21
6.	M. B. Petrović Mihajlović, <b>M. B. Radovanović</b> , 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.			M21
7.	Ž. Tasić, M. Petrović Mihajlović, <b>M. Radovanović</b> , M. Antonijević: Electrochemical investigations of copper corrosion inhibition by azithromycin in 0.9% NaCl, Journal of Molecular Liquids, 265, (2018) 687 - 692.			M21
8.	M. Petrović Mihajlović, <b>M. Radovanović</b> , Ž. Tasić, M. Antonijević: Imidazole based compounds as copper corrosion inhibitors in seawater, Journal of Molecular Liquids, 225 (2017) 127 – 136.			M21
9.	<b>M. B. Radovanović</b> , 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, ACS Omega 22 (5) (2020) 12768 – 12776.			M22
10.	<b>M. Radovanović</b> , M. Petrović Mihajlović, A. Simonović, S. Milić, M. Antonijević: Cysteine as agree corrosion inhibitor for Cu37Zn brass in neutral and weakly alkaline sulphate solutions, Environmental Science and Pollution Research, 20 (2013) 4370 – 4381.			M21
<b>Data summary on the lecturer's scientific activities</b>				
Total number of citations		787		
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				

<b>Surname, middle name, Name</b>		<b>Žaklina Z. Tasić</b>		
<b>Academic title</b>		associate professor		
<b>Name of the institution (full time/part time employment), from date</b>		University of Belgrade, Technical Faculty in Bor, 01 December 2012.		
<b>Narrow scientific filed</b>		Chemistry, chemical technology and chemical engineering		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
Election to the current academic title	2023.	University of Belgrade, Technical Faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
PhD	2017.	University of Belgrade, Technical Faculty in Bor	Technological engineering	Chemistry, chemical technology and chemical engineering
<b>Specialization</b>				
Master's degree	2012.	University of Belgrade, Faculty of Technology and Metallurgy	Technological engineering	Biochemical engineering and biotechnology
Diploma	2011.	University of Belgrade, Faculty of Technology and Metallurgy	Technological engineering	Biochemical engineering and biotechnology
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
No.	Course code	Course title		
3.	DTE1FC	Fundamentals of corrosion		
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
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) article number: 5469.			M21
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) article number 114817.			M21
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) article number: 116939.			M21
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)			M21
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.			M23
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.			M21
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.			M23
8.	M.B. Petrović Mihajlović, M.B. Radovanović, Ž.Z. Tasić, M.M. Antonijević, Imidazole based compounds as copper corrosion inhibitors in seawater, Journal of Molecular Liquids, 225 (2017) 127–136.			M21
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, Journal of Molecular Liquids, 222 (2016) 1–7.			M21
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, Journal of Molecular Liquids, 219 (2016) 463–473.			M21
<b>Data summary on the lecturer's scientific activities</b>				
Total number of citations		482		
Total number of papers published in SCI (SSCI) indexed journals		23		
The number of active project engagements		National projects: 1	International projects: 2	

Personal improvements	
Other relevant data	

<b>Surname, middle name, Name</b>		<b>Stević M. Zoran</b>		
<b>Academic title</b>		Full professor		
<b>Name of the institution (full time/part time employment), from date</b>		University of Belgrade, Technical faculty in Bor, from May 15 2001		
<b>Narrow scientific filed</b>		Electrical engineering		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
Election to the current academic title	2013.	University of Belgrade, Technical faculty in Bor	Technical and technological sciences	Electrical engineering
PhD	2004.	University of Belgrade, School of electrical engineering in Belgrade	Technical and technological sciences	Electrical engineering
Master's degree	1999.	University of Belgrade, School of electrical engineering in Belgrade	Technical and technological sciences	Electrical engineering
Diploma	1983.	University of Belgrade, School of electrical engineering in Belgrade	Technical and technological sciences	Electrical engineering
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
No.	Course code	Course title		
1.	DR11NTKAOIE	Advanced technologies for using alternative and renewable energy sources		
2.	DR12ISU	Intelligent control systems		
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
1.	Z. Stević, M. Rajčić-Vujasinović, Chalcocite as a potential material for supercapacitors, Journal of Power Sources 160 (2006) 1511-1517			M21
2.	Dragan Milivojević, Zoran Stević and Mirjana Rajčić-Vujasinović, Hardware and Software of a Bipolar Current Source Controlled by PC, Sensors 8 (2008) 1977- 1983			M21
3.	Zoran Stević, Mirjana Rajčić Vujasinović, Aleksandar Dekanski, Estimation of Parameters Obtained by Electrochemical Impedance Spectroscopy on Systems Containing High Capacities, Sensors 9 (2009) 7365-7373			M21
4.	Dejan Tanikić, Miodrag Manić, Goran Devedžić, Zoran Stević, Modelling Metal cutting Parameters Using Intelligent Techniques, Journal of Mechanical Engineering 56(2010)1, 52-62			M23
5.	Zoran R. Andjelkovic, Dragan R. Milivojevic, Zoran M. Stevic, Thermovisual camera commands decoding and ISI format encrypting, Journal of Scientific and Industrial Research, Vol. 69, (2010) 523-528			M23
6.	Zoran Stević, M. Rajčić-Vujasinović, S. Bugarinović and A.Dekanski, Construction and Characterisation of Double Layer Capacitors, Acta Physica Polonica A, Vol. 117 (2010)1, 228-233			M23
7.	Z. Stević, I. Radovanović, M. Rajčić-Vujasinović, S. Bugarinović, V. Grekulović, Synthesis and characterization of specific electrode materials for solar cells and supercapacitors, J. Renewable Sustainable Energy 5 (2013) No 4, p. 041816-1-12			M23
8.	Z. Stevic, M. Rajcic-Vujasinovic, I. Radovanovic, Comparative Analysis of Dynamic Electrochemical Test Methods of Supercapacitors, Int. J. Electrochem. Sci., 9 (2014) 7110 – 7130			M23
9.	Z. Stevic, M. Rajcic-Vujasinovic, I. Radovanovic, V. Nikolic, Modeling and Sensing of Electrochemical Processes upon Dirac Potentiostatic Excitation of Capacitive Charging/Discharging, Int. J. Electrochem. Sci., 10 (2015) 6020-6029			M23
10.	Emina Požega, Svetlana Ivanov, Zoran Stević, Ljiljana Karanović, Rudolf Tomanec, Lidija Gomidželović, Ana Kostov, Identification and characterization of single crystal Bi <sub>2</sub> Te <sub>3-x</sub> Se <sub>x</sub> alloy, Transactions of Nonferrous Metals Society of China, 25 (2015), 3279-3285			M21
11.	S. Martinović, M. Vlahović, Z. Stević, T. Volkov Husović, Influence of sintering temperature on low level laser (LLL) destruction of low cement high alumina refractory concrete, Engineering Structures, 99 (2015) 462–467			M21
12.	Daniel M. Mijailović, Marija M. Vukčević, Zoran M. Stević, Ana M. Kalijadis, Dušica B. M21 Stojanović, Vladimir V. Panić, and Petar S. Uskoković, Supercapacitive Performances of Activated Highly Microporous Natural Carbon Macrofibers, Journal of Electrochemical Society, 2017 164(6), A1061-A1068			M21
13.	Slađana Časlav Alagić, Zoran Miroslava Stević, Predrag Branko Jovanić, Ivana Morić, Sanja Jeremić, Ljubomir Blagoje 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, International Journal of Environmental Research (2018), 12(2), 135-146			M23

14.	Zoran Stevic, Milica Vlahovic, Sanja Martinovic, Stevan Dimitrijevic, Elena Ponomaryova, Tatjana Volkov-Husovic, Modelling, simulation and optimization of pulse-reverse regime of copper, silver and gold electrodeposition, International Journal of Materials Research, 109 (2018) 6, 514-521	M23
15.	Sanja Petronic, Zoran Stevic, Silvana Dimitrijevic, Boris Rajcic, Dubravka Milovanovic, Application of semiconductor continuous and Nd:YAG pulsed laser processing for nondestructive cleaning of the historical paper, Journal of Laser Applications 32, 032024 (2020)	M22
16.	Vanja Z. Mališić, Nataša Z. Tomić, Marija M. Vuksanović, Bojana D. Balanč, Zoran M. Stević, Aleksandar D. Marinković, Radmila M. Jančić Heinemann, Slaviša S. Putić, An Experimental Study of Mechanical Properties and Heat Transfer of Acrylic Composites with Structural and Surface Modified Al <sub>2</sub> O <sub>3</sub> Particles, Science of Sintering 52 (2020) 457-467	M22
17.	Milan Radivojević, Marko Tanasković, Zoran Stević, The Adaptive Algorithm of a four Way Intersection regulated by Traffic Lights with four Phases within a Cycle, Expert Systems With Applications, 166 (2021) 114073	M21
18.	Zoran Stevic, Misa Stevic, Ilija Radovanovic, Predrag Stolic, Milos Milesevic, Milos Marjanovic, Milan Radivojević, Sanja Petronic, Computer-controlled voltage/current source and response monitoring system for electrochemical investigations, International Journal of Electrochemical Science, 16 (2021) Article ID: 210659 1-14	M23
19.	Boris Rajčić, Sanja Petronić, Katarina Colić, Zoran Stević, Ana Petrović, Žarko Mišković and Dubravka Milovanović, Laser Processing of Ni-Based Superalloy Surfaces Susceptible to Stress Concentration, Metals 2021, 11, 750	M21
20.	Predrag Stolic, Zoran Stevic, Sanja Petronic, Vojkan Nikolic, Misa Stevic, Dragan Kreculj, Danijela Milosevic, Modelling, Simulation, and Computer Control of a High Frequency Wood Drying System, Electronics, 12 (2023), Issue 1, 226	M22
<b>Data summary on the lecturer's scientific activities</b>		
Total number of citations		225
Total number of papers published in SCI (SSCI) indexed journals		38
The number of active project engagements		National projects: 1      International projects: 1
Personal improvements	Authorized thermographic examiner Level 2.	
Other relevant data: KAPK reviewer		

<b>Surname, middle name, Name</b>		<b>Vesna R. Krstić</b>		
<b>Academic title</b>		Senior Research Associate		
<b>Name of the institution (full time/part time employment), from date</b>		Mining and Metallurgy Institute Bor (full time employment), from 2009		
<b>Narrow scientific field</b>		Natural and mathematical sciences, physical chemistry		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
Election to the current academic title	2019	IHTM Belgrade, Serbia	Natural and mathematical sciences	Chemistry
PhD	2005	University of Cantabria, Santander, Spain	Chemical engineering	Inorganic chemistry
Specialization	-	-	-	-
Master's degree	2000	Western University of Timisoara, Romania	Chemistry, Biology and Chemistry	Chemistry
Diploma	1996	Faculty of natural sciences, Belgrade, Serbia	Physical chemistry	Electrochemistry
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
No.	Course code	Course title		
1.	ДТИ1ОПХТ	Selected topics of Chemical Thermodynamics		
2.	ДТИ2ТОВ	Wastewater treatment		
3.				
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
1.	Krstić V, Urošević T, Pešovski B (2018). A review on adsorbents for treatment of water and wastewaters containing copper ions. <i>Chemical Engineering Science</i> 192, 273–287.			M21
2.	Krstić V., (2021). Chapter 12: Some Effective Methods for Treatment of Wastewater from Cu Production. In: Inamuddin, Ahamed M.I., Lichtfouse E. (eds) <i>Water Pollution and Remediation: Heavy Metals. Environmental Chemistry for a Sustainable World</i> , vol 53. Springer, Cham. pp. 313-440.			M13
3.	Krstić V., (2021). Chapter 14: Role of zeolite adsorbent in water treatment. <i>Handbook of Nanomaterials for Wastewater Treatment, Fundamentals and Scale Up Issues Micro and Nano Technologies</i> , pp. 417-481.			M13
4.	Vesna Krstić, Tamara Urošević, Marina Uđilanović, Andrija Ćirić, Snežana Milić. (2022) Chapter 20: Sorbent based on citrus peel waste for wastewater treatment. Book titled: "Nano-biosorbents for decontamination of water/air/soil pollutions". pp.455-478.			M13
5.	Krstić V, Pešovski B (2019). Reviews the research on some dimensionally stable anodes (DSA) based on titanium. <i>Hydrometallurgy</i> 185, 71–75.			M21a
6.	Lončar D, Paunković J, Jovanović V, Krstić V, (2019). Environmental and social responsibility of companies across European Union countries – panel data analysis. <i>Science of the Total Environment</i> 657, 287–296.			M21a
7.	Krstić V., Pešovski B., (2021). Novel multifunctional two layer catalytic activated titanium electrodes for various technological and environmental processes. <i>Arabian Journal of Chemistry</i> 14 (4), 103101.			M21
8.	Radmila Markovic, Vesna Krstic, Bernd Friedrich, Srećko Stopic, Jasmina Stevanovic, Zoran Stevanovic, Vesna Marjanovic, <i>Electrorefining Process of Non-Commercial Copper Anodes, Metals (11) (2021) 1187.</i>			M21
9.	Maja Pagnacco, Smilja Marković, Jelena Potočnik, Vesna Krstić, Pavle Tančić, Miloš Mojović, Zorica Mojović, The influence of electrode constituents on hydrogen evolution reaction on W- and Mo-bronze-based electrodes, <i>Journal of Electrochemical Society</i> 169 (2022) 106508.			M21
10.	L.Gomidželović, E.Požega, A.Kostov, N.Vuković, V.Krstić, D.Živković, Lj.Balanović, Thermodynamics and characterization of shape memory Cu–Al–Zn alloys, <i>Transactions of Nonferrous Metals Society of China</i> , 25 (8) (2015) 2630–2636.			M21
11.	Krstić V., 2022. Theoretical and experimental assessment of a novel method to establish the complete measurement range of the calorimeter and its limit of detection and quantification, <i>Chinese Journal of Chemical Engineering</i> 44 (2022) 466-473.			M22
12.	Lidija Đurđevac Ignjatović, Vesna Krstić, Vlastimir Radonjanin, Violeta Jovanović, Mirjana Malešev, Dragan Ignjatović, Vanja Đurđevac, Application of cement paste in mining works, environmental protection and sustainable development goals in the mining industry. <i>Sustainability</i> 2022, 14(13), 7902.			M22
13.	Zorica Sovrlić, Snežana Tošić, Renata Kovačević, Violeta Jovanović, Vesna Krstić, The importance of measuring arsenic in honey, water and PM10 for food safety, as an environmental study: Experience from the mining and metallurgical districts of Bor, Serbia, <i>Sustainability</i> 2022, 14, 12446.			M22
14.	Dejan Lončar, Nicholas Brown Tyack, Vesna Krstić, Jane Paunković. Methods for assessing the impact			M22

	of PM2.5 on health and mortality while controlling for socio economic factors. Heliyon 8 (2022) e10729.	
15.	Zorica Sovrlić, Snežana Tošić, Renata Kovačević, Violeta Jovanović, Vesna Krstić, The importance of measuring arsenic in honey, water and PM10 for food safety, as an environmental study: Experience from the mining and metallurgical districts of Bor, Serbia, Sustainability 2022, 14, 12446.	M22
16.	Branka Pešovski, Vesna Krstić, Silvana Dimitrijević, Electrochemical characteristics of the anodized titanium oxide films in sulfuric acid. Journal of New Materials for Electrochemical Systems 25 (4) (2022) 259-267.	M23
17.	B.Trumić, L.Gomidželović, S.Marjanović, V.Krstić, A. Ivanović, S. Dimitrijević, Pt-Rh alloys: Investigation of tensile strength and elongation at high temperatures, Archives of Metallurgy and Materials, 2 (60) (2015) 643-647.	M22
18.	Carmen Blanco Delgado, Vesna R. Krstić, Carmen Pesquera González, Fernando González Martínez; Modified clays, PILC's, applied in catalysis; Hemijska Industrija 8, 65(1) (2011) 37-41.	M23
19.	B.Trumić, L.Gomidželović, S.Marjanović, A.Ivanović, V.Krstić, Platinum-based alloys: Investigation of the effect of impurities content on creep rate, rupture time and relative elongation at high temperatures, Materials Research-Ibero-American Journal of Materials 20 (1) (2017) 1-9.	M23
20.	Carmen Blanco, Vesna Krstić, Carmen Pesquera, Ana Perdigón, Fernando González, Mesoporous materials as supports of Rh catalysts. Synthesis, characterization and catalytic application. Studies in Surface Science and Catalysis 174, Part B (2008) 1343-1346.	M23
<b>Data summary on the lecturer's scientific activities</b>		
Total number of citations (Scopus)		349
Total number of papers published in SCI (SSCI) indexed journals		25
The number of active project engagements		National projects: 1   International projects: /
Personal improvements		
Other relevant data		

<b>Surname, middle name, Name</b>		<b>Јасмина С. Стевановић</b>		
<b>Academic title</b>		Senior Research Associate		
<b>Ужа научна област</b>		Natural and mathematical sciences, Chemistry		
<b>Academic career</b>	Year	Institution	Scientific field	Narrow scientific field
Election to the current academic title	2005.	IHTM, Belgrade	Natural and mathematical sciences, Chemistry	Election to the current academic title
PhD	1995.	Faculty of technology and metallurgy, Belgrade	Technical sciences	PhD
Diploma	1987.	Faculty of technology and metallurgy, Belgrade	Chemical technology	Diploma
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
No.	Course code	Course title		
1.	ДТИ1ЕТ	Electrochemical technology		
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
1.	Milica Košević, Srećko Stopić, Vesna Cvetković, Michael Schroeder, <b>Jasmina Stevanović</b> , Vladimir Panić, Bernd Friedrich, "Mixed RuO <sub>2</sub> /TiO <sub>2</sub> uniform microspheres synthesized by low-temperature ultrasonic spray pyrolysis and their advanced electrochemical performances", Applied Surface Science 464, 15 (2019) 1-9			M21a
2.	R. Marković, B. Friedrich, J. Stajić–Trošić, B. Jordović, B. Jugović, M. Gvozdrenović, <b>J. Stevanović</b> , "Behaviour of non-standard composition copper bearing anodes from the copper refining process", Journal of Hazardous Materials 182 (1-3) (2010) 55-63			M21
3.	M. M. Gvozdrenović, B. Z. Jugović, T. Lj. Trišović, <b>J. S. Stevanović</b> , B. N. Grgur, "Electrochemical characterization of polyaniline electrode in ammonium citrate containing electrolyte", Materials Chemistry and Physics 125 (2011) 601-605.			M21
4.	R. Elkais, M. M. Gvozdrenović, B. Z. Jugović, <b>J. S. Stevanović</b> , N. D. Nikolić, B. N. Grgur, „Electrochemical synthesis and characterization of polyaniline thin film and polyaniline powder”, Progress in Organic Coatings 71 (1) (2011) 32-35			M21
5.	M. M. Gvozdrenović, B. Z. Jugović, <b>J. S. Stevanović</b> , B. N. Grgur, T. Lj. Trišović, Z. S. Jugović, „Electrochemical synthesis and corrosion behavior of polyaniline-benzoate coating on copper“, Synthetic Metals 161 (2011) 1313-1318.			M21
6.	D. Jambrec, M. Gvozdrenovic, M. Antov, B. Grgur, B. Jokic, <b>J. Stevanovic</b> , B. Jugovic, "Electrochemically Deposited Nano Fibrous Polyaniline for Amperometric Determination of Glucose", Digest Journal of Nanomaterials and Biostructures 7 (2) (2012) 785-794			M21
7.	Ljiljana Avramović, Evica R. Ivanović, Vesna M. Maksimović, Miroslav M. Pavlović, Marina Vuković, <b>Jasmina S. Stevanović</b> , Nebojša D. Nikolić, "Correlation between crystal structure and morphology of potentiostatically electrodeposited silver dendritic nanostructures ", Trans. Nonferrous Met. Soc. China 28 (2018) 1903–1912			M21
8.	Milica Košević, Nataša Vukićević, Srećko Stopić, <b>Jasmina Stevanović</b> , Bernd Friedrich, Vladimir Panić, Branislav Nikolić, "Structure–Activity/Stability Correlations from the Electrochemical Dynamic Responses of Titanium Anode Coatings Formed of Ordered TiO <sub>2</sub> @RuO <sub>2</sub> Microspheres", Journal of the Electrochemical Society 165 (15) (2018) J3363-J3370			M21
9.	Marijana R. Pantović Pavlović, Sanja G. Eraković, Miroslav M. Pavlović, <b>Jasmina S. Stevanović</b> , Vladimir V. Panić, Nenad L. Ignjatović, "Anaphoretical/oxidative approach to the in-situ synthesis of adherent hydroxyapatite/titanium oxide composite coatings on titanium", Surface and Coatings Technology 358 (2019) 688-694			M21
10.	Bojan M. Jokić, Enis S. Džunuzović, Branimir N. Grgur, Branimir Z. Jugović, Tomislav Lj. Trišovic, <b>Jasmina S. Stevanović</b> , "The influence of m-aminobenzoic acid on electrochemical synthesis and behavior of poly(aniline-co-(m-aminobenzoic acid)", Journal of Polymer Research 24 (2017) 146.			M22
<b>Data summary on the lecturer's scientific activities</b>				
Total number of citations (Scopus)			738	
Total number of papers published in SCI (SSCI) indexed journals			61	
The number of active project engagements			National projects: 1	International projects: 2
Personal improvements				
Other relevant data				



<b>Surname, middle name, Name</b>		<b>Miroslav, Miomir, Pavlović</b>		
<b>Academic title</b>		Ph.D., senior research associate		
<b>Name of the institution (full time/part time employment), from date</b>		University of Belgrade, Institute of Chemistry, Technology and Metallurgy (full time), from 01.01.2011		
<b>Narrow scientific filed</b>		Electrochemistry, electrochemical engineering		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
Election to the current academic title	2020	Institute of Chemistry, Technology and Metallurgy	Chemistry	Electrochemistry
PhD	2015	University of Belgrade, Faculty of Technology and Metallurgy	Chemical Engineering	Materials Engineering
Specialization				
Master's degree				
Diploma	2007	University of Belgrade, Faculty of Technology and Metallurgy	Chemical Engineering	Organic chemical technology and polymer engineering
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
No.	Course code	Course title		
1.	ДТИ1ЕТ	Electrochemical technology		
2.	ДТИ1ТКП	Fundamentals of corrosion		
3.				
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
1.	M.R. Pantović Pavlović, <b>M.M. Pavlović</b> , S. Eraković, J.S. Stevanović, V.V. Panić, N. Ignjatović, „Simultaneous anodization/anaphoretic electrodeposition synthesis of nano calcium phosphate/titaniumoxide composite coatings assisted with chitosan oligosaccharide lactate”, <i>Mat. Lett.</i> 261, 127121, 2020, DOI: 10.1016/j.matlet.2019.127121,			M21
2.	Marijana R. Pantović Pavlović, Boris P. Stanojević, <b>Miroslav M. Pavlović</b> , Marija D. Mihailović, Jasmina S. Stevanović, Vladimir V. Panić, Nenad L. Ignjatović, „Anodizing/anaphoretic electrodeposition of nano calcium phosphate/chitosan lactate multifunctional coatings on titanium with advanced corrosion resistance, bioactivity and antibacterial properties“, <i>ACS Biomater. Sci. Eng.</i> , 7(7), 3088-3102, 2021			M21
3.	<b>M.M. Pavlović</b> , M.R. Pantović Pavlović, S.G. Eraković Pantović, J.S. Stevanović, S.R. Stopić, B. Friedrich, V. V Panić, „The Roles of Constituting Oxides in Rare-Earth Cobaltite-Based Perovskites on their Pseudocapacitive Behavior”, <i>J. Electroanal. Chem.</i> , 897, 115556., 2021 DOI: 10.1016/j.jelechem.2021.115556			M21
4.	M.R.Pantović Pavlović, N.L. Ignjatović, V.V. Panić, I.I. Mirkov, J.B. Kulaš, A.Lj. Malešević, <b>M.M. Pavlović</b> , “Immunomodulatory Effects Mediated by Nano Amorphous Calcium Phosphate/Chitosan Oligosaccharide Lactate Coatings Decorated with Selenium on Titanium Implants”, <i>J. Funct. Biomater.</i> 14(4), 227, 2023, doi:10.3390/jfb14040227			M21
5.	Ljiljana Avramović, <b>Miroslav M. Pavlović</b> , Vesna M. Maksimović, Marina Vuković, Jasmina S. Stevanović, Mile Bugarin, Nebojša D. Nikolić, Comparative Morphological and Crystallographic Analysis of Electrochemically- and Chemically-Produced Silver Powder Particles, <i>Metals</i> , 7(5), 2075-4701, 2017			M21
6.	Ljiljana Avramović, Evica R. Ivanović, Vesna M. Maksimović, <b>Miroslav M. Pavlović</b> , Marina Vuković, Jasmina S. Stevanović, Nebojša D. Nikolić, “Correlation between crystal structure and morphology of potentiostatically electrodeposited silver dendritic nanostructures”, <i>Nonferrous Met. Soc. China</i> , 28(9), 1903-1912, 2018			M21
7.	Marijana R. Pantović Pavlović, Sanja G. Eraković, <b>Miroslav M. Pavlović</b> , Jasmina S. Stevanović, Vladimir V. Panić, Nenad L. Ignjatović, „Anaphoretic/oxidative approach to the in-situ synthesis of adherent hydroxyapatite/titanium oxide composite coatings on titanium”, <i>Surf. Coat. Technol.</i> , 358, 688-694, 2019			M21
8.	Sanja Eraković, <b>Miroslav M. Pavlović</b> , Srećko Stopić, Jasmina Stevanović, Miodrag Mitrić, Bernd Friedrich, Vladimir Panić, „Interactive promotion of supercapacitance of rare earth/CoO <sub>3</sub> -based spray pyrolytic perovskite microspheres hosting the hydrothermal ruthenium oxide”, <i>Electrochim. Acta</i> , 321, 134721, 2019			M21
9.	S. V Panić, M.R. Pantović Pavlović, M.M. Varničić, V. Tadić, S. Stopić, B. Friedrich, <b>M.M. Pavlović</b> , “Rare-Earth/Manganese Oxide-Based Composites Materials for Electrochemical Oxygen Reduction Reaction”, <i>Catalysts</i> , 12(6), 641, 2022			M22

10.	Avramović Lj., Bugarin M., Milanović D., Conić V., <b>Pavlović M.M.</b> , Vuković M., Nikolić N.D., The particle size distribution (PSD) as criteria for comparison of silver powders obtained by different methods of synthesis and by conditions of electrolysis, <i>J. Min. Metall. Sect. B Metall.</i> 54(3) (2018) 291-300	M22
11.	P. Stanić, N. Vukićević, V. Cvetković, <b>M. Pavlović</b> , S. Dimitrijević, B. Šmit, M. Živković, "Anticorrosion activity of 2-thiohydantoin-Schiff base derivatives for mild steel in 0.5 M HCl", <i>J. Serbian Chem. Soc.</i> , 87(12), 1409–1423, 2022	M23
12.	M. V. Tomić, V. M. Mičić, R. F. Godec, M. G. Pavlović, Đ. Vaštag, M. G. Riđošić, <b>M. M. Pavlović</b> , " Sage Extracts as Inhibitors of Steel Corrosion in 4% HCl", <i>Int. J. Electrochem. Sci.</i> , 11(5), 3339 – 3350, 2016	M23
13.	Nataša M Vukićević, Vesna S Cvetković, Ljiljana S Jovanović, <b>Miroslav M Pavlović</b> , Jovan N Jovićević, Formation of niobium oxides by electrolysis from acidic aqueous solutions on glassy carbon, <i>Maced. J. Chem. Chem. Eng.</i> , 38(1) (2019)	M23
<b>Data summary on the lecturer's scientific activities</b>		
Total number of citations		197 (Scopus)
Total number of papers published in SCI (SSCI) indexed journals		31
The number of active project engagements		National projects: 1   International projects: 3
Personal improvements		
Other relevant data		

<b>Surname, middle name, Name</b>		<b>Lidija T. Mančić</b>		
<b>Academic title</b>		Principal Research Fellow		
<b>Name of the institution (full time/part time employment), from date</b>		Institute of Technical Sciences of SASA		
<b>Narrow scientific filed</b>		Material science, nanoparticles, hybrid structures		
<b>Academic career</b>	<b>Year</b>	<b>Institution</b>	<b>Scientific field</b>	<b>Narrow scientific field</b>
Election to the current academic title	2014	Institute of multidisciplinary research, Belgrade University	Natural and Mathematical Sciences	Chemistry
PhD	2004	Centre for multidisciplinary studies, Belgrade University	Material science	Nanostructured materials
<b>Specialization</b>				
Master's degree	1996	Technical faculty in Bor, Belgrade University	Technical science	Technology of Inorganic Chemistry
Diploma	1992	Technical faculty in Bor, Belgrade University	Technology	Technology of Inorganic Chemistry
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
No.	Course code	Course title		
1.	ДТИ1ОПТК	Special course in ceramic technology		
2.	ДТИ1ИМ	Materials science		
3.				
<b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b>				
1.	Milošević, M., Radoičić, M., Ohara, S., Abe, H., Spasojević, J., Mančić, L., Šaponjić Z., Advanced photocatalysis mediated by TiO <sub>2</sub> /Ag/TiO <sub>2</sub> nanoparticles modified cotton fabric. Cellulose, 2023 (30) 4749–4771. <a href="https://doi.org/10.1007/s10570-023-05165-0">https://doi.org/10.1007/s10570-023-05165-0</a>			M21a
2.	Mančić, L.; Almeida, L.A.; Machado, T.M.; Gil-Londoño, J.; Dinić, I.; Tomić, M.; Marković, S.; Jardim, P.; Marinkovic, B.A. Tetracycline Removal through the Synergy of Catalysis and Photocatalysis by Novel NaYF <sub>4</sub> :Yb,Tm@TiO <sub>2</sub> -Acetylacetonate Hybrid Core-Shell Structures. Int. J. Mol. Sci. 2023, 24, 9441. <a href="https://doi.org/10.3390/ijms24119441">https://doi.org/10.3390/ijms24119441</a>			M21
3.	Aleksić K., Stojković Simatović, I., Stanković, A., Veselinović, Lj., Stojadinović, S., Rac, V., Radmilović, N., Rajić, V., Škapin, S.D., Mančić, L., Marković, S., Enhancement of ZnO@RuO <sub>2</sub> bifunctional photo-electro catalytic activity toward water splitting, Front. Chem. 2023 (11) 1173910. <a href="https://doi.org/10.3389/fchem.2023.1173910">https://doi.org/10.3389/fchem.2023.1173910</a>			M21
4.	Stamenković, T., Radmilović, N., Prekajski-Đorđević, M., Rabasović, M., Dinić, I., Tomić, M., Lojpur, V., Mančić, L., Quantum yield and energy transfer in up-conversion SrGd <sub>2</sub> O <sub>4</sub> :Yb,Er nanoparticles obtained via sol-gel assisted combustion, J Lumin. 2023 (253) 1194911. <a href="https://doi.org/10.1016/j.jlumin.2022.119491">https://doi.org/10.1016/j.jlumin.2022.119491</a>			M21
5.	Veselinović, L.; Mitrić, M.; Mančić, L.; Jardim, P.M.; Škapin, S.D.; Cvjetičanin, N.; Milović, M.D.; Marković, S. Crystal Structure and Electrical Properties of Ruthenium-Substituted Calcium Copper Titanate. Materials 2022, 15, 8500. <a href="https://doi.org/10.3390/ma15238500">https://doi.org/10.3390/ma15238500</a>			M21
6.	Vukovic, M., Dinic, I., Jardim, P., Marković, S., Veselinović, Lj., Nikolić, M., Mancic, L., The low-temperature sonochemical synthesis of up-converting β NaYF <sub>4</sub> :Yb,Er mesocrystals, Adv Powder Technol. 2022 (33) 103403. <a href="https://doi.org/10.1016/j.apt.2021.103403">https://doi.org/10.1016/j.apt.2021.103403</a>			M21
7.	Ignjatović, N.L., Mančić, L., Vuković, M., Stojanović, Z., Nikolić, M., Škapin, S., Jovanović, S., Veselinović, Lj., Uskoković, V., Lazić, S., Marković, S., Lazarević, M., Uskoković, D. Rare-earth (Gd <sup>3+</sup> , Yb <sup>3+</sup> /Tm <sup>3+</sup> , Eu <sup>3+</sup> ) co-doped hydroxyapatite as magnetic, up-conversion and down-conversion materials for multimodal imaging. Sci Rep. 2019 (9) 16305. <a href="https://doi.org/10.1038/s41598-019-52885-0">https://doi.org/10.1038/s41598-019-52885-0</a>			M21
8.	Alkan, G., Yavas, H., Goksel, B., Mancic, L., Friedrich B., Milosevic, O. Deep insight into the			M21

	photoluminescent nanocrystalline particles: heat-treatment, structure, mechanisms and mechanics, J Mater. Res. 2019 (8) 2466-2472. <a href="https://doi.org/10.1016/j.jmrt.2018.10.013">https://doi.org/10.1016/j.jmrt.2018.10.013</a>	
9.	Alkan, G., Mancic, L., Tamura, S., Tomita, K., Tan, Z., Sun, F., Rudolf, R., Ohara, S., Friedrich, B., Milosevic, O., Plasmon enhanced luminescence in hierarchically structured Ag@(Y <sub>0.95</sub> Eu <sub>0.05</sub> ) <sub>2</sub> O <sub>3</sub> nanocomposites synthesized by ultrasonic spray pyrolysis, Adv Powder Technol. 2019 (30) 1409-1418. <a href="https://doi.org/10.1016/j.appt.2019.04.024">https://doi.org/10.1016/j.appt.2019.04.024</a>	M21
10.	Mancic, L., Djukic-Vukovic, A., Dinic, I., Nikolic, M.G., Rabasovic, M.D., Krmpot, AJ., Costa, A.M.L.M., Trisic, D., Lazarevic, M., Mojovic, Lj., Milosevic, O., NIR photo-driven upconversion in NaYF <sub>4</sub> :Yb,Er/PLGA particles for in vitro bioimaging of cancer cells, Mater. Sci. Eng. C. 2018 (91) 597-6052 <a href="https://doi.org/10.1016/j.msec.2018.05.081">https://doi.org/10.1016/j.msec.2018.05.081</a>	M21
<b>Data summary on the lecturer's scientific activities</b>		
Total number of citations		More than 1000
Total number of papers published in SCI (SSCI) indexed journals		More than 100
The number of active project engagements		National projects: 0    International projects: 2
Personal improvements	Post-doctoral study at Pontifical Catholic University of Rio de Janeiro	
Other relevant data		

<b>Surname, middle name, Name</b>		<b>Kalinović, S., Tanja</b>		
<b>Academic title</b>		Assistant professor		
<b>Name of the institution (full time/part time employment), from date</b>		Technical faculty in Bor (full time employment), from 16 October 2008.		
<b>Narrow scientific filed</b>		Chemistry, chemical technology and chemical engineering		
<b>Academic career</b>	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
<b>Specialization</b>				
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
<b>List of the courses taught by the lecturer at doctoral academic study programs</b>				
No.	Course code	Course title		
1.	ДТН1АА	Aerosols in the atmosphere		
<b>The most relevant scientific references, according to the standards for the specified field (from 10to 20)</b>				
1.	S. M. Šerbula, J. S. Milosavljević, J. V. Kalinović, T. S. Kalinović, A. A. Radojević, T. Apostolovski Trujic, V. Tasic, Arsenic and SO <sub>2</sub> 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.			M21
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 (15) (2019).			M22
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.			M22
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.			M21
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 (178) (2017).			M23
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.			M21a
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.			M21
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.			M22
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.			M22
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.			M22
<b>Data summary on the lecturer's scientific activities</b>				
Total number of citations		219		
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	