

|                                                                                   |                                                                  |                                            |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------|
|  | <b>University of Belgrade</b><br><b>Technical faculty in Bor</b> |                                            |  |
|                                                                                   | ACCREDITATION OF THE STUDY PROGRAMME                             |                                            |                                                                                     |
|                                                                                   | <b>DOCTORAL</b><br><b>ACADEMIC STUDIES</b>                       | <b>METALLURGICAL</b><br><b>ENGINEERING</b> |                                                                                     |

# BOOK OF LECTURERS

## STUDY PROGRAM: METALLURGICAL ENGINEERING

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

Bor, 2023.

| NO. | LIST OF LECTURERS                |    |
|-----|----------------------------------|----|
|     | <b>Full Professore</b>           |    |
| 1.  | Nada Štrbac                      | 3  |
| 2.  | Srba Mladenović                  | 4  |
| 3.  | Dragan Manasijević               | 5  |
| 4.  | Vesna Grekulović                 | 7  |
|     | <b>Senior research associate</b> |    |
| 5.  | Dr. Vladan Čosović               | 8  |
| 6.  | Dr. Miroslav Sokić               | 10 |
|     | <b>Associate Professor</b>       |    |
| 7.  | Saša Marjanović                  | 12 |
| 8.  | Ljubiša Balanović                | 14 |
| 9.  | Ivana Marković                   | 16 |
| 10. | Milan Gorgievski                 | 18 |
| 11. | Nenad N. Milijić                 | 20 |
|     | <b>Assistant Professor</b>       |    |
| 12. | Uroš Stamenković                 | 21 |

|                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                        |                                    |                                                     |                                                     |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-------------------------|
| Surname, middle name, Name                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                        |                                    | Štrbac, Dragomir, Nada                              |                                                     |                         |
| Academic title                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                        |                                    | Full professor                                      |                                                     |                         |
| Name of the institution (full time/part time employment), from date                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                        |                                    | Technical Faculty in Bor                            |                                                     |                         |
| Narrow scientific filed                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                        |                                    | Extractive metallurgy and metallurgical engineering |                                                     |                         |
| Academinc career                                                                                                                                                                                                                                                                                                                                                                         | Year                                                                                                                                                                                                                                                   | Institution                        | Scientific field                                    | Narrow scientific field                             |                         |
| Election to the current academic title                                                                                                                                                                                                                                                                                                                                                   | 2008                                                                                                                                                                                                                                                   | Technical Faculty in Bor           | Technical and technological science                 | Extractive metallurgy and metallurgical engineering |                         |
| PhD                                                                                                                                                                                                                                                                                                                                                                                      | 1996                                                                                                                                                                                                                                                   | Technical Faculty in Bor           | Technical and technological science                 | Metallurgical engineering                           |                         |
| Master's degree                                                                                                                                                                                                                                                                                                                                                                          | 1992                                                                                                                                                                                                                                                   | Technical Faculty in Bor           | Technical and technological science                 | Metallurgical engineering - Extractive metallurgy   |                         |
| Diploma                                                                                                                                                                                                                                                                                                                                                                                  | 1988                                                                                                                                                                                                                                                   | Technical Faculty in Bor           | Technical and technological science                 | Metallurgical engineering - Extractive metallurgy   |                         |
| List of the courses taught by the lecturer at doctoral academic study programs                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                        |                                    |                                                     |                                                     |                         |
| No.                                                                                                                                                                                                                                                                                                                                                                                      | Course code                                                                                                                                                                                                                                            | Course title                       |                                                     |                                                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                          | ДИМ1МНП                                                                                                                                                                                                                                                | Methodology of Scientific Research |                                                     |                                                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                          | ДМИ1МК                                                                                                                                                                                                                                                 | Metallurgical kinetics             |                                                     |                                                     |                         |
| The most relevant scientific references, according to the standards for the specified field (from 10 to 20)                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                        |                                    |                                                     |                                                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                          | Vuković, M., Voza, D., Štrbac, N., Takić, L., Cooperation over international water resources: A case from the Danube river basin, Sociologia, 46 (3), (2014), 320-342.                                                                                 |                                    |                                                     |                                                     | M23                     |
|                                                                                                                                                                                                                                                                                                                                                                                          | Gorgievski, M., Božić, D., Stanković, V., Štrbac, N., Šerbula, S., Kinetics, equilibrium and mechanism of Cu2+, Ni2+ and Zn2+ ions biosorption using wheat straw, Ecological Engineering, 58, (2013), 113-122.                                         |                                    |                                                     |                                                     | M21                     |
|                                                                                                                                                                                                                                                                                                                                                                                          | Mihajlović, I., Štrbac, N., Đorđević, P., Mitovski, A., Nikolić, D., Živković, Ž., Optimum conditions for copper extraction from the flotation waste using factorial experimental design, Environment Protection Engineering, 38 (4), (2012), 171-184. |                                    |                                                     |                                                     | M23                     |
|                                                                                                                                                                                                                                                                                                                                                                                          | Štrbac, N., Mihajlović, I., Andrić, V., Živković, Ž., Rosić, A., Kinetic investigations of two processes for zinc recovery from zinc plant residue, Canadian Metallurgical Quarterly, 50 (1), (2011), 28-36.                                           |                                    |                                                     |                                                     | M23                     |
|                                                                                                                                                                                                                                                                                                                                                                                          | Štrbac, N., Mihajlović, I., Minić, D., Živković, Ž., Characterization of the natural mineral form from the PbS-Sb2S3system, Journal of Mining and Metallurgy, Section B: Metallurgy, 46 (1), (2010), 75-86.                                            |                                    |                                                     |                                                     | M21                     |
|                                                                                                                                                                                                                                                                                                                                                                                          | Štrbac, N., Mihajlović, I., Minić, D., Živković, D., Živković, Ž., Kinetics and mechanism of arsenic sulfides oxidation, Journal of Mining and Metallurgy, Section B: Metallurgy, 45 (1), (2009), 59-67.                                               |                                    |                                                     |                                                     | M22                     |
|                                                                                                                                                                                                                                                                                                                                                                                          | Štrbac, N., Živković, D., Mihajlović, I., Boyanov, B., Živković, Ž., Mechanism and kinetics of the oxidation of synthetic α-NiS, Journal of the Serbian Chemical Society, 73 (2), (2008), 211- 219.                                                    |                                    |                                                     |                                                     | M23                     |
|                                                                                                                                                                                                                                                                                                                                                                                          | Urošević, S., Vuković, M., Pejčić, B., Štrbac, N., Minning-metallurgical sources of pollution in eastern Serbia and environmental consciousness, Revista Internacional de Contaminacion Ambiental, 34 (1), (2018), 103-115.                            |                                    |                                                     |                                                     | M23                     |
|                                                                                                                                                                                                                                                                                                                                                                                          | Štrbac, N., Marković, I., Mitovski, A., Balanović, L., Živković, D., Grekulović, V., The possibilities for reuse of steel scrap in order to obtain blades for knives, Revista de Metalurgia, 53 (1), (2017).                                           |                                    |                                                     |                                                     | M21                     |
|                                                                                                                                                                                                                                                                                                                                                                                          | Mitovski, A., Štrbac, N., Mihajlović, I., Sokić, M., Stojanović, J.; Thermodynamic and kinetic analysis of the polymetallic copper concentrate oxidation process, Journal of Thermal Analysis and Calorimetry, 118 (2), (2014), 1277-1285.             |                                    |                                                     |                                                     | M22                     |
| Data summary on the lecturer's scientific activities                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                        |                                    |                                                     |                                                     |                         |
| Total number of citations                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                        |                                    | 640                                                 |                                                     |                         |
| Total number of papers published in SCI (SSCI) indexed journals                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                        |                                    | 65                                                  |                                                     |                         |
| The number of active project engagements                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                        |                                    | National projects: 1                                |                                                     | International projects: |
| Personal improvements                                                                                                                                                                                                                                                                                                                                                                    | She holds the license of responsible designer of metallurgical processes number 385 D070 06, issued by the Serbian Chamber of Engineers, since 2006.                                                                                                   |                                    |                                                     |                                                     |                         |
| Other relevant data: Member of SHD, president of the branch of SHD in Bor (2008-2013). She is a member of the main board of SIMS. She held the position of vice dean for teaching (2015-2016) and dean (2017-2022). She is a member of the editorial board of the magazine "Technology", the editorial board of "Recycling and sustainable development", the editorial board of "JMM-B". |                                                                                                                                                                                                                                                        |                                    |                                                     |                                                     |                         |

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|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------|--------------------------------|
| <b>Surname, middle name, Name</b>                                                                                  |                                                                                                                                                                                                                                                                         | <b>Srba A. Mladenović</b>                                         |                           |                                |
| <b>Academic title</b>                                                                                              |                                                                                                                                                                                                                                                                         | Full professor                                                    |                           |                                |
| <b>Name of the institution (full time/part time employment), from date</b>                                         |                                                                                                                                                                                                                                                                         | Technical faculty in Bor (full time employment), from 10.10.1998. |                           |                                |
| <b>Narrow scientific filed</b>                                                                                     |                                                                                                                                                                                                                                                                         | Processing metallurgy                                             |                           |                                |
| <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                                                                             | 2022                                                                                                                                                                                                                                                                    | Technical faculty in Bor                                          | Metallurgy engineering    | Processing metallurgy          |
| PhD                                                                                                                | 2012                                                                                                                                                                                                                                                                    | Technical faculty in Bor                                          | Metallurgy engineering    | Processing metallurgy          |
| Specialization                                                                                                     |                                                                                                                                                                                                                                                                         |                                                                   |                           |                                |
| Master's degree                                                                                                    | 2004                                                                                                                                                                                                                                                                    | Technical faculty in Bor                                          | Metallurgy engineering    | Processing metallurgy          |
| Diploma                                                                                                            | 1998                                                                                                                                                                                                                                                                    | Technical faculty in Bor                                          | Metallurgy engineering    | Processing metallurgy          |
| <b>List of the courses taught by the lecturer at doctoral academic study programs</b>                              |                                                                                                                                                                                                                                                                         |                                                                   |                           |                                |
| No.                                                                                                                | Course code                                                                                                                                                                                                                                                             | Course title                                                      |                           |                                |
| 1.                                                                                                                 | ДМИ2СПЈМЈ                                                                                                                                                                                                                                                               | MODERN PROCEDURES OF CASTING AND MODELING IN FOUNDRY              |                           |                                |
| 2.                                                                                                                 |                                                                                                                                                                                                                                                                         |                                                                   |                           |                                |
| 3.                                                                                                                 |                                                                                                                                                                                                                                                                         |                                                                   |                           |                                |
| <b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b> |                                                                                                                                                                                                                                                                         |                                                                   |                           |                                |
| 1.                                                                                                                 | S. Mladenović, D. Marković, Lj. Ivanić, S. Ivanov, D. Gusković, The microstructure and mechanical properties of as-cast Sn-Sb-Zn lead free solder alloys, Metalurgia International, 17 (4) (2012) 34-38 [ISSN: 1582-2214; IF(2011) =0,084]                              |                                                                   |                           |                                |
| 2.                                                                                                                 | S. Mladenović, Lj. Ivanić, S. Marjanović, S. Ivanov, D. Gusković, Electrochemical and wetting behavior of as-cast Sn-Zn-Bi lead free solder alloys, Metalurgia International, 17 (7) (2012) 125-129 [ISSN: 1582-2214; IF(2011) =0,084]                                  |                                                                   |                           |                                |
| 3.                                                                                                                 | S. Mladenović, Lj. Ivanić, S. Marjanović, S. Ivanov, D. Gusković, The rate of Fe and Pb elimination from molten copper by the use of different flux composition, Metalurgia international, 17 (9) (2012) 38-41[ISSN: 1582-2214; IF(2011) =0,084]                        |                                                                   |                           |                                |
| 4.                                                                                                                 | S. Mladenović, D. Marković, Lj. Ivanić, S. Ivanov, Z. Aćimović-Pavlović, The microstructure and properties of ascast Sn-Zn-Bi solder alloys, Hemijska industrija, 66 (4) (2012) 595-600[ISSN: 2217-7426; IF(2011) =0,205]                                               |                                                                   |                           |                                |
| 5.                                                                                                                 | S. Mladenović, Lj. Ivanić, M. Rajčić – Vujasinović, S. Ivanov, D. Gusković, Electrochemical and wetting behavior of as-cast Sn-Zn-Sb lead free solders alloys, Hemijska industrija, DOI:10.2298/HEMIND120608084M, (article in press) [ISSN: 2217-7426; IF(2011) =0,205] |                                                                   |                           |                                |
| 6.                                                                                                                 | S. Ivanov, Lj. Ivanić, D. Gusković, S. Mladenović, Optimization of the aging regime of Al-based alloys, Hemijska industrija 66 (4) (2012) 601-608[ISSN: 2217-7426; IF(2011) =0,205]                                                                                     |                                                                   |                           |                                |
| 7.                                                                                                                 | M. Mirić, D. Gusković, S. Ivanov, S. Marjanović, S. Mladenović, The influence of rolling and drawing on properties of gold strips and tubes for jewelry, Metalurgia international, 18 3 (2013) article in press[ISSN: 1582- 2214; IF(2011) =0,084]                      |                                                                   |                           |                                |
| 8.                                                                                                                 |                                                                                                                                                                                                                                                                         |                                                                   |                           |                                |
| 9.                                                                                                                 |                                                                                                                                                                                                                                                                         |                                                                   |                           |                                |
| 10.                                                                                                                |                                                                                                                                                                                                                                                                         |                                                                   |                           |                                |
| <b>Data summary on the lecturer's scientific activities</b>                                                        |                                                                                                                                                                                                                                                                         |                                                                   |                           |                                |
| Total number of citations                                                                                          |                                                                                                                                                                                                                                                                         | 20                                                                |                           |                                |
| Total number of papers published in SCI (SSCI) indexed journals                                                    |                                                                                                                                                                                                                                                                         | 20                                                                |                           |                                |
| The number of active project engagements                                                                           |                                                                                                                                                                                                                                                                         | National projects: 1                                              | International projects: ? |                                |
| Personal improvements                                                                                              |                                                                                                                                                                                                                                                                         |                                                                   |                           |                                |
| Other relevant data                                                                                                |                                                                                                                                                                                                                                                                         |                                                                   |                           |                                |

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------------|---------------------------|-----------------------------------------------------|
| Surname, middle name, Name                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              | Manasijević, Miroslav, Dragan                       |                           |                                                     |
| Academic title                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              | Full Professor                                      |                           |                                                     |
| Name of the institution (full time/part time employment), from date                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              | Technical Faculty in Bor, from 01.03.2001.          |                           |                                                     |
| Narrow scientific filed                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              | Extractive Metallurgy and Metallurgical Engineering |                           |                                                     |
| Academinc career                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                     | Year                         | Institution                                         | Scientific field          | Narrow scientific field                             |
| Election to the current academic title                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2017.                        | Technical Faculty in Bor                            | Metallurgical Engineering | Extractive Metallurgy and Metallurgical Engineering |
| PhD                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2007.                        | Technical Faculty in Bor                            | Metallurgical Engineering | Technical Sciences - Metallurgy                     |
| Diploma                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2000.                        | Technical Faculty in Bor                            | Metallurgical Engineering | Metallurgy - Extractive Metallurgy                  |
| List of the courses taught by the lecturer at doctoral academic study programs                              |                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              |                                                     |                           |                                                     |
| No.                                                                                                         | Course code                                                                                                                                                                                                                                                                                                                                                                                                                         | Course title                 |                                                     |                           |                                                     |
| 4.                                                                                                          | DMI1PP                                                                                                                                                                                                                                                                                                                                                                                                                              | Pyrometallurgical processes  |                                                     |                           |                                                     |
| 5.                                                                                                          | DMI1MT2                                                                                                                                                                                                                                                                                                                                                                                                                             | Metallurgical thermodynamics |                                                     |                           |                                                     |
| The most relevant scientific references, according to the standards for the specified field (from 10 to 20) |                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              |                                                     |                           |                                                     |
| 11.                                                                                                         | D. Manasijević, Lj. Balanović, I. Marković, M. Gorgievski, U. Stamenković, D. Minić, M. Premović, A. Đorđević, V. Čosović, Study of thermal properties and microstructure of the Ag–Ge alloys, Journal of Thermal Analysis and Calorimetry, 147 (3) (2022) 1955-1964. <a href="https://doi.org/10.1007/s10973-021-10664-y">https://doi.org/10.1007/s10973-021-10664-y</a> [ISSN (1388-6150), IF(2021)=4.755]                        |                              |                                                     |                           | M21                                                 |
| 12.                                                                                                         | D. Manasijević, Lj. Balanović, I. Marković, D. Minić, M. Premović, A. Đorđević, M. Gorgievski, U. Stamenković, Microstructure and thermal properties of the Bi–Ag alloys, Journal of Thermal Analysis and Calorimetry, 147 (3) (2022) 1965-1972. <a href="https://doi.org/10.1007/s10973-020-10482-8">https://doi.org/10.1007/s10973-020-10482-8</a> [ISSN (1388-6150), IF(2021)=4.755]                                             |                              |                                                     |                           | M21                                                 |
| 13.                                                                                                         | D. Manasijević, Lj. Balanović, I. Marković, M. Gorgievski, U. Stamenković, K. Božinović, Microstructure evaluation and thermal properties of Ag–Sb alloys, Journal of Physics and Chemistry of Solids, 169 (2022). <a href="https://doi.org/10.1016/j.jpcs.2022.110874">https://doi.org/10.1016/j.jpcs.2022.110874</a> [ISSN(0022-3697), IF(2021)=4.383]                                                                            |                              |                                                     |                           | M22                                                 |
| 14.                                                                                                         | D. Manasijević, Lj. Balanović, I. Marković, M. Gorgievski, U. Stamenković, K. Božinović, D. Minić, M. Premović, Microstructural analysis and thermal conductivity of the Ag–Bi–Sn alloys, Thermochimica Acta, 717 (2022). <a href="https://doi.org/10.1016/j.tca.2022.179344">https://doi.org/10.1016/j.tca.2022.179344</a> [ISSN(0040-6031), IF(2021)=3.378]                                                                       |                              |                                                     |                           | M22                                                 |
| 15.                                                                                                         | M. Premović, A. Đorđević, D. Minić, D. Manasijević, B. Radičević, N. Kolarević, V. Ristić, Thermodynamic description and electrical conductivity of the Ge–In–Zn system: Experiments and modeling, CALPHAD: Computer Coupling of Phase Diagrams and Thermochemistry 77 (2022). <a href="https://doi.org/10.1016/j.calphad.2022.102432">https://doi.org/10.1016/j.calphad.2022.102432</a> [ISSN(0364-5916), IF(2021)=2.004]          |                              |                                                     |                           | M22                                                 |
| 16.                                                                                                         | D. Manasijević, Lj. Balanović, I. Marković, M. Gorgievski, U. Stamenković, K. Božinović, Microstructure, melting behavior and thermal conductivity of the Sn–Zn alloys, Thermochimica Acta, 702 (2021). <a href="https://doi.org/10.1016/j.tca.2022.179344">https://doi.org/10.1016/j.tca.2022.179344</a> [ISSN(0040-6031), IF(2021)=3.378]                                                                                         |                              |                                                     |                           | M22                                                 |
| 17.                                                                                                         | D. Manasijević, Lj. Balanović, I. Marković, M. Gorgievski, U. Stamenković, A. Đorđević, D. Minić, V. Čosović, Structural and thermal properties of Sn–Ag alloys, Solid State Sciences, 119 (2021). <a href="https://doi.org/10.1016/j.solidstatesciences.2021.106685">https://doi.org/10.1016/j.solidstatesciences.2021.106685</a> [ISSN(1873-3085), IF(2021)=3.752]                                                                |                              |                                                     |                           | M22                                                 |
| 18.                                                                                                         | T.H. Grgurić, D. Manasijević, S. Kožuh, I. Ivanić, I. Anžel, B. Kosec, M. Bizjak, E.G. Bajsić, Lj. Balanović, M. Gojić, The effect of the processing parameters on the martensitic transformation of Cu–Al–Mn shape memory alloy, Journal of Alloys and Compounds, 765 (2018) 664-676. <a href="https://doi.org/10.1016/j.jallcom.2018.06.250">https://doi.org/10.1016/j.jallcom.2018.06.250</a> [ISSN: 0925-8388, IF(2017)= 3.779] |                              |                                                     |                           | M21a                                                |
| 19.                                                                                                         | M. Premović, Y. Du, D. Minić, C. Zhang, D. Manasijević, Lj. Balanović, I. Marković, Experimental investigation and thermodynamic calculation of the Cu–Ge–Sb system, Journal of Alloys and Compounds, 726 (2017) 820-832. <a href="https://doi.org/10.1016/j.jallcom.2017.08.051">https://doi.org/10.1016/j.jallcom.2017.08.051</a> [ISSN: 0925-8388, IF(2017)=3.779]                                                               |                              |                                                     |                           | M21                                                 |
| 20.                                                                                                         | M. Premović,Y. Du, D. Minić, B. Sundman, C. Zhang, A. Watson, D. Manasijević, A. Djordjević, Experimental investigation and thermodynamic calculations of the Ag–Ga–Sn phase diagram, CALPHAD: Computer Coupling of Phase Diagrams and Thermochemistry, 56 (2017) 215–223. <a href="https://doi.org/10.1016/j.calphad.2017.01.010">https://doi.org/10.1016/j.calphad.2017.01.010</a> [ISSN: 0364-5916, IF(2017)=1.935]              |                              |                                                     |                           | M21                                                 |
| 21.                                                                                                         | D. Manasijević, D. Minić, Lj. Balanović, M. Premović, M. Gorgievski, D. Živković, D. Milisavljević, Experimental investigation and thermodynamic prediction of the Al–Bi–In phase diagram, Journal of Alloys and Compounds, 687 (2016) 969-975. <a href="https://doi.org/10.1016/j.jallcom.2016.06.262">https://doi.org/10.1016/j.jallcom.2016.06.262</a> [ISSN: 0925-8388, IF(2016)= 3.133]                                        |                              |                                                     |                           | M21                                                 |
| 22.                                                                                                         | Lj. Balanović, D. Živković, D. Manasijević, D. Minić, V. Čosović, N. Talijan, Calorimetric investigation of Al–Zn alloys using Oelsen method, Journal of Thermal Analysis and Calorimetry, 118 (2) (2014) 1287-1292. <a href="https://doi.org/10.1007/s10973-014-3990-1">https://doi.org/10.1007/s10973-014-3990-1</a> [ISSN: 1388-6150, IF(2014)=2.042]                                                                            |                              |                                                     |                           | M22                                                 |

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 23.                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>D. Manasijević</b> , D. Minić, D. Živković, N. Talijan, Ž. Živković, Experimental investigation and thermodynamic prediction of the Ga-Sb-Sn phase equilibria, International Journal of Materials Research, 101 (7) (2010) 827-833. [ISSN: 1862-5282, IF(2010)=0,860] | M21                                              |
| 24.                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>D. Manasijević</b> , J. Vreščić, D. Minić, A. Kroupa, D. Živković, Ž. Živković, Phase equilibria and thermodynamics of the Bi-SbSn ternary system, Journal of Alloys and Compounds, 438 (1-2) (2007) 150-157. [ISSN: 0925-8388, IF(2007)=1,455]                       | M21                                              |
| 25.                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>D. Manasijević</b> , D. Minić, D. Živković, D. Rajnović, Experimental study and thermodynamic calculation of Bi-Cu-Sb system phase equilibria, Intermetallics, 16 (1) (2008) 107-112. [ISSN: 0966-9795, IF(2008)=2,034]                                               | M21                                              |
| <b>Data summary on the lecturer's scientific activities</b>                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                          |                                                  |
| Total number of citations                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                          | 787 (Scopus on 20.04.2023)                       |
| Total number of papers published in SCI (SSCI) indexed journals                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                          | 151                                              |
| The number of active project engagements                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                          | National projects: 1   International projects: 0 |
| Personal improvements                                                                                                                                                                                                                                                                                                                                                                                                                                 | Advanced study stays: University of Zagreb (Croatia)                                                                                                                                                                                                                     |                                                  |
| Other relevant data:<br>The winner of the medal for excellence and success in science of the Serbian Chemical Society for 2009. Co-editor and member of the editorial board of the Journal of Mining and Metallurgy Section: B Metallurgy, international journal with IF2021=1.311, published by the Technical Faculty in Bor; President of the Committee for Thermodynamics and Phase Diagrams of Serbia and Member of the Serbian Chemical Society. |                                                                                                                                                                                                                                                                          |                                                  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                               |                                           |                                                                             |                                                     |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------|-------------------------|
| Surname, middle name, Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                               |                                           | Grekulovic, J, Vesna                                                        |                                                     |                         |
| Academic title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                               |                                           | Full Professor                                                              |                                                     |                         |
| Name of the institution (full time/part time employment), from date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                               |                                           | University in Belgrade, Technical Faculty in Bor (full time), 18. 04. 2002. |                                                     |                         |
| Narrow scientific filed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                               |                                           | Extractive metallurgy and metallurgical engineering                         |                                                     |                         |
| Academinc career                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Year                                                                                                                                                                                                                                                                                          | Institution                               | Scientific field                                                            | Narrow scientific field                             |                         |
| Election to the current academic title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2022.                                                                                                                                                                                                                                                                                         | Technical Faculty in Bor                  | Metallurgical engineering                                                   | Extractive metallurgy and metallurgical engineering |                         |
| PhD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2012.                                                                                                                                                                                                                                                                                         | Technical Faculty in Bor                  | Metallurgical engineering                                                   | Technical sciences-Metallurgy                       |                         |
| Magister degree                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2006.                                                                                                                                                                                                                                                                                         | Technical Faculty in Bor                  | Metallurgical engineering                                                   | Extractive metallurgy                               |                         |
| Diploma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1999.                                                                                                                                                                                                                                                                                         | Technical Faculty in Bor                  | Metallurgical engineering                                                   | Extractive metallurgy                               |                         |
| List of the courses taught by the lecturer at doctoral academic study programs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                               |                                           |                                                                             |                                                     |                         |
| No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Course code                                                                                                                                                                                                                                                                                   | Course title                              |                                                                             |                                                     |                         |
| 6.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DMI2FP2                                                                                                                                                                                                                                                                                       | Transport phenomena II                    |                                                                             |                                                     |                         |
| 7.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DMI1MK                                                                                                                                                                                                                                                                                        | Metallurgical kinetics                    |                                                                             |                                                     |                         |
| 8.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DMI1HEP                                                                                                                                                                                                                                                                                       | Hydro- and electrometallurgical processes |                                                                             |                                                     |                         |
| The most relevant scientific references, according to the standards for the specified field (from 10 to 20)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                               |                                           |                                                                             |                                                     |                         |
| 26.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M. Markovic, M. Gorgievski, N. Strbac, <b>V. Grekulovic</b> , K. Bozinovic, M. Zdravkovic, M. Vukovic, Raw Eggshell as an Adsorbent for Copper Ions Biosorption-Equilibrium, Kinetic, Thermodynamic and Process Optimization Studies, Metals, 13 (2)(2023), Article No.13020206               |                                           |                                                                             |                                                     | M22                     |
| 27.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M. Zdravkovic, <b>V. Grekulovic</b> , M. Rajcic-Vujasinovic, A. Mitovski, N. Strbac, U. Stamenkovic, The Influence of Benzotriazole on the Electrochemical Behavior of the AgCu50 Alloy in a Chloride Medium, Protection of metals and physical chemistry of surfaces, 58 (4)(2022), 811-821. |                                           |                                                                             |                                                     | M22                     |
| 28.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | I. Markovic, <b>V. Grekulovic</b> , M. Rajcic-Vujasinovic, S. Mladenovic, Influence of thermo-mechanical treatment on the electrochemical behavior of cast and sintered dilute Cu-Au alloy, Journal of alloys and compounds, 831 (2020), Article No. 154726                                   |                                           |                                                                             |                                                     | M21a                    |
| 29.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>V. Grekulovic</b> , M. Rajcic-Vujasinovic, A. Mitovski, Electrochemical Behavior of Agcu50 in Alkaline Media in the Presence of Chlorides and 2-Mercaptobenzothiazole, Journal of mining and metallurgy Section B-Metallurgy, 53 (3)(2017), 349-356.                                       |                                           |                                                                             |                                                     | M22                     |
| 30.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | V. Stankovic, M. Gojo, <b>V. Grekulovic</b> , N. Pajkic, T. Cigula, Surface Quality of the Ni-Tio2 Composite Coatings Produced by Electroplating, Journal of mining and metallurgy Section B-Metallurgy, 53 (3)(2017), 341-348.                                                               |                                           |                                                                             |                                                     | M22                     |
| 31.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M. Rajcic-Vujasinovic, <b>V. Grekulovic</b> , U. Stamenkovic, Z. Stevic, Electrochemical behavior of alloy AgCu50 during oxidation in the presence of chlorides and benzotriazole, Materials Testing, 59 (6)(2017), 517-523.                                                                  |                                           |                                                                             |                                                     | M23                     |
| 32.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>V. Grekulovic</b> , M. Rajcic-Vujasinovic, Z. Stevic, Electrochemical Characterization of a Commercial Au-Ag-Cu Alloy in an Acidic Medium, International journal of electrochemical science, 11 (1)(2016), 165-174.                                                                        |                                           |                                                                             |                                                     | M22                     |
| 33.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M. Rajcic-Vujasinovic, <b>V. Grekulovic</b> , Z. Stevic, S. Nestorovic, I. Markovic, S. Simov, Comparison of the electrochemical behavior of cast and sintered CuAg 4 at. % alloy during thermomechanical treatment, Journal of the Serbian chemical society, 78 (10)(2013), 1583-1594.       |                                           |                                                                             |                                                     | M23                     |
| 34.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M. Rajcic-Vujasinovic, <b>V. Grekulovic</b> , Z. Stevic, N. Vukovic, Potentiostatic oxidation of AgCu50 alloy in alkaline solution in the presence of chlorides, Corrosion science, 70 (2013), 221-228.                                                                                       |                                           |                                                                             |                                                     | M21a                    |
| 35.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>V. Grekulovic</b> , M. Rajcic-Vujasinovic, B. Pesic, Z. Stevic, Influence of BTA on Electrochemical Behavior of AgCu50 Alloy, International journal of electrochemical science, 7 (6)(2012), 5231-5245.                                                                                    |                                           |                                                                             |                                                     | M22                     |
| Data summary on the lecturer's scientific activities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                               |                                           |                                                                             |                                                     |                         |
| Total number of citations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                               |                                           | 47                                                                          |                                                     |                         |
| Total number of papers published in SCI (SSCI) indexed journals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                               |                                           | 26                                                                          |                                                     |                         |
| The number of active project engagements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                               |                                           | National projects: 1                                                        |                                                     | International projects: |
| Personal improvements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                               |                                           |                                                                             |                                                     |                         |
| Other relevant data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                               |                                           |                                                                             |                                                     |                         |
| Participation in 1 international and 12 domestic projects, a mentor defended 6 master work, 4 graduate work, 11 final works and 17 works for student conferences. Member of the Defense Commission 2 Doctoral dissertations, 3 graduate thesis, 9 final labor, member of the organizational board of 11 international conferences. Member of the Council of the Technical Faculty in Bor since 2017, Head of Department and Head of the Department of Metallurgical Engineering since October 2018. A member of the manifestations of promotion of natural and technical sciences in young people, a member of the Serbian chemical society. |                                                                                                                                                                                                                                                                                               |                                           |                                                                             |                                                     |                         |

|                                                                                                             |             |                                                                                                                                |                                      |                                           |
|-------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------|
| Surname, middle name, Name                                                                                  |             | Vladan R.Ćosović                                                                                                               |                                      |                                           |
| Academic title                                                                                              |             | Senior research associate                                                                                                      |                                      |                                           |
| Narrow scientific filed                                                                                     |             | Materials science - materials engineering (metal materials and alloys, sintered metal materials, composites with metal matrix) |                                      |                                           |
| Academinc career                                                                                            | Year        | Institution                                                                                                                    | Scientific field                     | Narrow scientific field                   |
| Election to the current academic title                                                                      | 2015.       | Institute of Chemistry, Technology and Metallurgy in Belgrade                                                                  | Technical and technological sciences | Materials science – materials engineering |
| Phd                                                                                                         | 2008.       | Faculty of Technology and Metallurgy in Belgrade                                                                               | Technical and technological sciences | Materials science – materials engineering |
| Master's degree                                                                                             | 2004.       | Faculty of Technology and Metallurgy in Belgrade                                                                               | Technical and technological sciences | Materials science – materials engineering |
| Diploma                                                                                                     | 2002.       | Faculty of Technology and Metallurgy in Belgrade                                                                               | Technical and technological sciences | Materials science – materials engineering |
| List of the courses taught by the lecturer at doctoral academic study programs                              |             |                                                                                                                                |                                      |                                           |
| No.                                                                                                         | Course code |                                                                                                                                | Course title                         |                                           |
| 1                                                                                                           | ДМИ1СММ     |                                                                                                                                | Modern metal materials               |                                           |
| The most relevant scientific references, according to the standards for the specified field (from 10 to 20) |             |                                                                                                                                |                                      |                                           |

|     |                                                                                                                                                                                                                                                                                                            |      |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1.  | M. Premović, P. Brož, D. Minić, D. Manasijević, D. Živković, V. Ćosović, A. Đorđević, Thermodynamic assessment and experimental study of the Al-Ag-Ga phase diagram, Thermochimica Acta, vol. 646 (2016) str. 39-48. [IF 2016 = 2.236]                                                                     | M21  |
| 2.  | A. Ćosović, T. Žák, S. Glišić, M. Sokić, S. Lazarević, V. Ćosović, A. Orlović, Synthesis of nano-crystalline NiFe <sub>2</sub> O <sub>4</sub> powders in subcritical and supercritical ethanol, Journal of Supercritical Fluids 113 (2016) 96-105. [IF2016 = 2.991]                                        | M21  |
| 3.  | D. Minić, M. Premović, D. Manasijević, V. Ćosović, D. Živković, A. Marković, Experimental investigation and thermodynamic calculations of the Ag–Bi–Ga phase diagram, Journal of Alloys and Compounds, 646 (2015) 461-471. [IF(2015)= 3.014]                                                               | M21a |
| 4.  | V. Ćosović, D. Minić, D. Manasijević, M. Premović, I. Dervišević, D. Živković, Experimental investigation and thermodynamic calculations of the Ag–Ga–Zn phase diagram, Journal of Alloys and Compounds, 632 (2015) 783-793. [IF(2015)=3.014]                                                              | M21a |
| 5.  | D. Minić, M. Premović, V. Ćosović, D. Manasijević, Lj. Nedeljković, D. Živković, Experimental investigation and thermodynamic calculations of the Cu–In–Ni phase diagram, Journal of Alloys and Compounds 617 (2014) 379- 388. [IF(2015)= 2.999]                                                           | M21a |
| 6.  | M. Premović, D. Minić, V. Ćosović, D. Manasijević, D. Živković, Experimental Investigation and Thermodynamic Calculations of the Bi-Ge-Sb Phase Diagram, Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science 45(11) (2014) 4829-4841. [IF(2014)=1.730]                   | M21  |
| 7.  | V. Ćosović, A. Ćosović, N. Talijan, D. Živković, D. Manasijević, D. Minić, Improving dispersion of SnO <sub>2</sub> nanoparticles in Ag-SnO <sub>2</sub> electrical contact materials using template method, Journal of Alloys and Compounds, 567 (2013) 33-39 [IF(2013)=2.726]                            | M21a |
| 8.  | D. Manasijević, D. Živković, N. Talijan, V. Ćosović, L. Gomidzelović, R. Todorović, D. Minić, Thermal analysis and thermodynamic prediction of phase equilibria in the ternary Au-Ga-Sb system, Journal of Physics and Chemistry of Solids, 74(2) (2013) 280-285 [IF(2013)=1.594]                          | M22  |
| 9.  | D. Minić, M. Premović, V. Ćosović, D. Manasijević, D. Živković, A. Kostov, N. Talijan, Experimental investigation and thermodynamic calculations of the Al-Cu-Sb phase diagram, Journal of Alloys and Compounds, 555 (2013) 347-356 [IF(2013)=2.726]                                                       | M21a |
| 10. | I. Dervišević, D. Minić, Ž. Kamberović, V. Ćosović, M. Ristić, Characterization of PCBs from computers and mobile phones, and the proposal of newly developed materials for substitution of gold, lead and arsenic, Environmental Science and Pollution Research, 20 (6) (2013) 4278-4292 [IF(2013)=2.951] | M21  |
| 11. | V. Ćosović, N. Talijan, D. Živković, D. Minić, Ž. Živković, Comparison of properties of silver-metal oxide electrical contact materials, Journal of Mining and Metallurgy, Section B: Metallurgy, 48 (1)B (2012) 131-141. [IF(2012)=1.435]                                                                 | M21  |
| 12. | D. Živković, M. Sokić, Ž. Živković, D. Manasijević, Lj. Balanović, N. Štrbac, V. Ćosović, B. Boyanov, B., Thermal study and mechanism of Ag <sub>2</sub> S oxidation in air, Journal of Thermal Analysis and Calorimetry, 111 (2) (2013) 1173-1176. [IF(2012) = 1.982]                                     | M22  |
| 13. | D. Minić, D. Manasijević, V. Ćosović, N. Talijan, Ž. Živković, D. Živković, M. Premović, Experimental investigation and thermodynamic prediction of the Cu-Sb-Zn phase diagram Journal of Alloys and Compounds, 517(2012) 31-39, [IF(2012)=2.390]                                                          | M21a |
| 14. | N. Talijan, V. Ćosović, J. Stajić-Trošić, A. Grujić, T. Žák, Z. Lee, V. Radmilović, Thermomagnetic Analysis of Nanocrystalline Nd <sub>4</sub> .5Fe <sub>77</sub> B <sub>18.5</sub>                                                                                                                        | M21  |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Alloy, Materials Transactions, 50 (9) (2009) 2302-2307, [IF(2009)=0.826]                                                                                                                                                              |                                                                                                                                                                                                                                                |
| 15.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | V. Čosović, T. Žák, N. Talijan, A. Grujić, J. Stajić-Trošić, Phase composition, structure and magnetic behaviour of low neodymium rapid-quenched Nd-Fe-B alloys, Journal of Alloys and Compounds, 456 (2008) 251-256 [IF(2008)=1.510] | M21                                                                                                                                                                                                                                            |
| <b>Data summary on the lecturer's scientific activities</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                |
| Total number of citations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                       | 210                                                                                                                                                                                                                                            |
| Total number of papers published in SCI (SSCI) indexed journals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                       | 68                                                                                                                                                                                                                                             |
| The number of active project engagements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                       | National projects: 1    International projects: 0                                                                                                                                                                                              |
| Personal improvements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                       | -2005. Institute of Physics of Materials, ASCR, Brno, Czech Republic;<br>-2006. Royal Institute of Technology, KTH Stockholm, Sweden;<br>-2007. National Center for Electron Microscopy, Lawrence Berkeley National Laboratory, Berkeley, USA. |
| <p>Other relevant data:</p> <p>Vladan Čosović, Ph.D., participated in the implementation of 3 projects from the basic research program of the Ministry of Science and Technology of the Republic of Serbia, as well as 2 innovation projects. Since 2013, he has been the head of subproject ON 172037-2 within the project ON 172037 "Modern multicomponent metal systems and nanostructured materials with different functional properties". He also participated in the implementation of a total of 7 projects within the framework of international bilateral scientific and technical cooperation, and was once the project manager, namely: 4 with the Czech Republic (2002-2005, 2007-2010, 2010-2014, 2014-2016) partner - Institute of Materials Physics, Czech Academy of Sciences (CAS), Brno; then 2 with the People's Republic of China (2011-2012, 2013-2014) partner - Central South University, Changsha, Hunan, China and 1 with the United States of America (2007-2008), partner - National Center for Electron Microscopy, Lawrence Berkeley National Laboratory, Berkeley, USA, as well as in the implementation of 2 international COST projects (2007-2011, 2013-2014). He is a member of the Union of Engineers of Metallurgy of Serbia and a member of the Committee for Thermodynamics and Phase Diagrams of Serbia. He received a certificate of appreciation for the advancement of science and technology in the field of metallurgy and merit in achieving the goals and objectives of the Union of Metallurgical Engineers in 2012.</p> |                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                |

|                                                                                                             |                                                                                                                                                                                                                                                                         |                                                     |                           |                         |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------|-------------------------|
| Surname, middle name, Name                                                                                  |                                                                                                                                                                                                                                                                         | Miroslav D. Sokić                                   |                           |                         |
| Academic title                                                                                              |                                                                                                                                                                                                                                                                         | Senior research associate                           |                           |                         |
| Narrow scientific filed                                                                                     |                                                                                                                                                                                                                                                                         | Extractive metallurgy and metallurgical engineering |                           |                         |
| Academic career                                                                                             | Year                                                                                                                                                                                                                                                                    | Institution                                         | Scientific field          | Narrow scientific field |
| Full research professor                                                                                     | 2017                                                                                                                                                                                                                                                                    | ITNMS                                               | Metallurgical engineering | Non-ferrous metallurgy  |
| Senior research associate                                                                                   | 2014                                                                                                                                                                                                                                                                    | ITNMS                                               | Metallurgical engineering | Non-ferrous metallurgy  |
| Research associate                                                                                          | 2009                                                                                                                                                                                                                                                                    | ITNMS                                               | Metallurgical engineering | Non-ferrous metallurgy  |
| Phd                                                                                                         | 2008                                                                                                                                                                                                                                                                    | TMF, Belgrade                                       | Metallurgical engineering | Non-ferrous metallurgy  |
| Master's degree                                                                                             | 2000                                                                                                                                                                                                                                                                    | TMF, Belgrade                                       | Metallurgical engineering | Non-ferrous metallurgy  |
| Diploma                                                                                                     | 1993                                                                                                                                                                                                                                                                    | TMF, Belgrade                                       | Metallurgical engineering | Non-ferrous metallurgy  |
| List of the courses taught by the lecturer at doctoral academic study programs                              |                                                                                                                                                                                                                                                                         |                                                     |                           |                         |
| No.                                                                                                         | Course code                                                                                                                                                                                                                                                             | Course title                                        |                           |                         |
| 1                                                                                                           | ДМИ1МР                                                                                                                                                                                                                                                                  | Metallurgical reactors                              |                           |                         |
| The most relevant scientific references, according to the standards for the specified field (from 10 to 20) |                                                                                                                                                                                                                                                                         |                                                     |                           |                         |
| 1                                                                                                           | M. Sokić, D. Radovanović, B. Marković, J. Stojanović, Ž. Kamberović, N. Petronijević, S. Stanković, <i>Treatment of the acidiceffluent from a copper smelter by flotation tailings</i> , Hemijska industrija, 73, 2, (2019) 115-124.                                    |                                                     |                           | M23                     |
| 3                                                                                                           | V. Manojlović, Ž. Kamberović, M. Gavrilovski, M. Sokić, M. Korać, <i>Combustion of metallurgical wastes using secondaryaluminum foils</i> , Combustion Science and Technology, 189, 6 (1072-1089) 2017.                                                                 |                                                     |                           | M22                     |
| 4                                                                                                           | M.Dimitrijević, D.Urošević, S. Milić, M.Sokić, R.Marković, <i>Dissolution of Copper from Smelting Slag by Leaching in ChlorideMedia</i> , Journal of mining and metallurgy, Sec. B: Metallurgy, 53 (3) B (2017) 407-412.                                                |                                                     |                           | M22                     |
| 5                                                                                                           | Ž. Kamberović, V. Manojlović, M. Sokić, M. Gavrilovski, V. Đukić, <i>Postupak i proizvod nastao obradom otpadne aluminijumskefolije</i> , Objava (AI) 31.10.2017 u Glasniku intelektualne svojine br. 10/2017, Broj rešenja 2017/11035.                                 |                                                     |                           | M94                     |
| 6                                                                                                           | A. Cosović, T. Žák, S. Glišić, M. Sokić, S. Lazarević, V. Cosović, A. Orlović, <i>Synthesis of nano-crystalline NiFe2O4 powders insubcritical and supercritical ethanol</i> , Journal of Supercritical Fluids, 113 (2016) 96–105.                                       |                                                     |                           | M21                     |
| 7                                                                                                           | V. Manojlović, Ž. Kamberović, M. Sokić, M. Gavrilovski, M. Korać, <i>Designing of synergistic waste mixtures for a multiphasereactive smelting</i> , Metals, 6, 6 (2016) 138; doi:10.3390/met6060138,                                                                   |                                                     |                           | M21                     |
| 8                                                                                                           | M. Sokić, I. Ilić, V. Manojlović, B. Marković, Z. Gulišija, M. Pavlović, N. Štrbac, <i>Modelling and predicting of end of life vehiclesnumber distribution in Serbia</i> , Acta Polytechnica Hungarica, 13, 4 (2016) 159-172. DOI: 10.12700/APH.13.4.2016.4.10,         |                                                     |                           | M23                     |
| 9                                                                                                           | A. Mitovski, N. Štrbac, D. Manasijević, M. Sokić, A. Daković, D. Živković, Lj. Balanović, <i>Thermal analysis and kinetics of the chalcopryite-pyrite concentrate oxidation process</i> , Metalurgija, 54, 2 (2015) 311-314,                                            |                                                     |                           | M22                     |
| 10                                                                                                          | M. Sokić, V. Matković, Z. Gulišija, B. Marković, <i>Tehnologija proizvodnje kobalt praha</i> , ITNMS, Beograd, 2015. Odluka 13/6-8 od 27.11.2015.                                                                                                                       |                                                     |                           | M81                     |
| 11                                                                                                          | M. Sokić, V. Milošević, V. Stanković, V. Matković, B. Marković, <i>Acid leaching of oxide-sulphide copper ore prior the flotation – away for an increased metal recovery</i> , Hemijska industrija, 69, 5 (2015) 453-458.                                               |                                                     |                           | M23                     |
| 12                                                                                                          | D. Živković, N. Štrbac, M. Sokić, V. Andrić, I. Jovanović, M. Jovičić, B. Anđelić, S. Radosavljević, <i>Physicochemical investigation of some archaeometallurgical findings from locality Kmpije</i> , J. of Thermal Analysis and Calorimetry, 118, 2 (2014) 1369-1373. |                                                     |                           | M22                     |
| 13                                                                                                          | A. Mitovski, N. Štrbac, I. Mihajlović, M. Sokić, J. Stojanović, <i>Thermodynamic and kinetic analysis of the polymetallic copper concentrate oxidation process</i> , Journal of Thermal Analysis and Calorimetry, 118, 2 (2014) 1277-1285                               |                                                     |                           | M22                     |
| 14                                                                                                          | D.Živković, M.Sokić, Ž.Živković, D.Manasijević, Lj.Balanović, N.Štrbac, V.Ćosović, B.Boyanov, B., <i>Thermal study and mechanism of Ag2S oxidation in air</i> , Journal of Thermal Analysis and Calorimetry, 111 (2) (2013) 1173-1176.                                  |                                                     |                           | M22                     |
| 15                                                                                                          | D.Živković, V.Ćosović, Ž.Živković, N.Štrbac, M.Sokić, N.Talijan, B.Boyanov, A.Mitovski, <i>Kinetic investigation of silver sulfide phase transformations</i> , Materials Science in Semiconductor Processing, 16 (1) (2013) 217-220. ISSN: 1369-8001                    |                                                     |                           | M22                     |
| 16                                                                                                          | M. Sokić, B. Marković, V. Matković, D. Živković, N. Štrbac, J. Stojanović, <i>Kinetics and mechanism of sphalerite leaching by sodium nitrate in sulphuric acid solution</i> , Journal of mining and metallurgy Sect. B: Metallurgy, 48 (2) B (2012) 185-195.           |                                                     |                           | M21                     |
| 17                                                                                                          | I. Ilić, Z. Gulišija, M. Sokić, <i>Reciklaža metalčnih sekundarnih sirovina</i> , Recenzenti: N. Talijan&N. Štrbac, Institutzatehnologijunuklearnihidruginhmineralnihsirovina, Beograd (2010) 260. ISBN 978-86-82867-23-4, COBISS:SR-ID 174944780.                      |                                                     |                           | M41                     |
| 18                                                                                                          | M. Sokić, B. Nikolić, Ž. Kamberović, <i>Prerada polimetalčnih sirovina i međuprodukata obojenih metala</i> , Recenzenti: I. Ilić &M. Gavrilovski, SavezinženjerametalurgijeSrbije, Beograd (2009) 195. ISBN 978-86-87183-09-4, COBISS:SR-ID 170119436.                  |                                                     |                           | M42                     |
| 20                                                                                                          | M. Sokić, B. Marković, D. Živković, <i>Kinetics of chalcopryite leaching by sodium nitrate in sulphuric acid</i> , Hydrometallurgy, 95 (2-3) (2009) 273-279.                                                                                                            |                                                     |                           | M21a                    |
| Data summary on the lecturer's scientific activities                                                        |                                                                                                                                                                                                                                                                         |                                                     |                           |                         |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------|
| Total number of citations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 146                  |                            |
| Total number of papers published in SCI (SSCI) indexed journals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32                   |                            |
| The number of active project engagements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | National projects: 2 | International projects : 0 |
| Other relevant data: He is a member of the editorial boards of Journal of mining and metallurgy, Sect.:B-Metallurgy, Metallurgical & Materials Engineering, Bakar and Tehnika-RGM, he was vice president and member of scientific boards of 24 international scientific conferences. Member of the International Associated Phase Diagram and Thermodynamics Committee (APDTC). President of the Scientific Council of ITNMS from 2011 to 2018, and since 2018 he is the director of the institute. Winner of the SIMS Award for the advancement of science and technology in the field of metallurgy. Since January 2018, President of SIMS. Since 2013 engaged as a lecturer at the doctoral studies at the Technical Faculty in Bor. |                      |                            |

|                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                            |                         |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------|-------------------------|
| Surname, middle name, Name                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  | Marjanović Radivoje Saša                   |                         |
| Academic title                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  | Associate Professor                        |                         |
| Name of the institution (full time/part time employment), from date                                         |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  | Technical Faculty in Bor, from 01.05.1996. |                         |
| Narrow scientific filed                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  | Processing metallurgy and metal materials  |                         |
| Academinc career                                                                                            | Year                                                                                                                                                                                                                                                                                                                                                                                                 | Institution                                      | Scientific field                           | Narrow scientific field |
| Election to the current academic title                                                                      | 2015.                                                                                                                                                                                                                                                                                                                                                                                                | Technical Faculty in Bor                         | Processing metallurgy and metal materials  |                         |
| PhD                                                                                                         | 2010.                                                                                                                                                                                                                                                                                                                                                                                                | Technical Faculty in Bor                         | Processing metallurgy and metal materials  |                         |
| Specialization                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                            |                         |
| Master's degree                                                                                             | 2001.                                                                                                                                                                                                                                                                                                                                                                                                | Technical Faculty in Bor                         | Technical sciences-Metallurgy              |                         |
| Diploma                                                                                                     | 1996.                                                                                                                                                                                                                                                                                                                                                                                                | Technical Faculty in Bor                         | Technical sciences-Metallurgy              |                         |
| List of the courses taught by the lecturer at doctoral academic study programs                              |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                            |                         |
| No.                                                                                                         | Course code                                                                                                                                                                                                                                                                                                                                                                                          | Course title                                     |                                            |                         |
| 9.                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      | Physics of the strength and plasticity of metals |                                            |                         |
| 10.                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                            |                         |
| 11.                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                            |                         |
| The most relevant scientific references, according to the standards for the specified field (from 10 to 20) |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                            |                         |
| 36.                                                                                                         | Miloš Janošević, Vesna Conić, Dragana Božić, Ljiljana Avramović, Ivana Jovanović, Željko Kamberović, <b>Saša Marjanović</b> , Indium Recovery from Jarosite Pb–Ag Tailings Waste (Part 1), Minerals, ISSN 2075-163X, 13(4), 540, 2023., [Impact factor (IF) 2,818/2021], <b>M21</b>                                                                                                                  |                                                  |                                            |                         |
| 37.                                                                                                         | Emina Požega, Nikola Vuković, Lidija Gomidželović, Miloš Janošević, Milenko Jovanović, Saša Marjanović, Milijana Mitrović, Improving Thermoelectric Properties of p-type (BiSb) <sub>2</sub> (TeSe) <sub>3</sub> Single Crystal by Zr Doping, Science of Sintering, ISSN: 1820-7413 (online); 0350-820X (print), 55 (2023), pp. 57-70, [Impact factor (IF) 1,725/2021], <b>M22</b>                   |                                                  |                                            |                         |
| 38.                                                                                                         | A. Ivanović, B. Trumić, S. Ivanov, <b>S. Marjanović</b> , M. Zrilić, B. Petković, T. Volkov-Husović: Optimisation of the Recrystallisation Annealing Regime of Pd-5Ni Alloy , Johnson Matthey Technology Review (Alternativni naslov: Platinum Metals Review), ISSN 2056-5135 (vidi 0032-1400, Alternativni naslov), Vol. 60, No. 1, pp. 31 - 38, 2016., [Impact factor (IF) 2.704/2015], <b>M22</b> |                                                  |                                            |                         |
| 39.                                                                                                         | B. Trumić, L. Gomidželović, <b>S. Marjanović</b> , 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., pp. 643-647 - <b>M22</b> , IF = 0,763, ISSN 1733-3490                                                                                                           |                                                  |                                            |                         |
| 40.                                                                                                         | D. Manasijević, A. Mitovski, D. Minić, D. Živković, <b>S. Marjanović</b> , R. Todorović, LJ. Balanović, <i>Prediction of phase equilibria and thermal analysis in the Bi-Cu-Pb ternary system</i> , Thermochimica Acta 503–504, 2010, pp. 115–120. IF = 1,659; 35/70 (2008) – <b>M22</b> , ISSN 0040-6031                                                                                            |                                                  |                                            |                         |
| 41.                                                                                                         | D. Manasijević, D. Minić, D. Živković, J. Vreštal, A. Aljilji, N. Talijan, J. Stajić-Trošić, <b>S. Marjanović</b> , R. Todorović, <i>Experimental investigation and thermodynamic calculation of the Cu–In–Sb phase diagram</i> , Calphad: Computer Coupling of Phase Diagrams and Thermochemistry 33, 2009, pp. 221-226. IF = 1,904 - <b>M21</b> , ISSN 0364-5916                                   |                                                  |                                            |                         |
| 42.                                                                                                         | <b>S. Marjanović</b> , D. Gusković, M. Trucić, B. Marjanović, <i>Investigation of Mechanical and Structural Characteristics of Some Alloys in Ag-rich Corner of Ag-Cu-Sn System</i> , Journal of Mining and Metallurgy, vol. 43, (2) B, 2007, pp. 177-186 IF (2009) = 0,548 – <b>M22</b> , ISSN 1450-5339                                                                                            |                                                  |                                            |                         |
| 43.                                                                                                         | <b>S. Marjanović</b> , D. Manasijević, D. Minić, D. Živković, R. Todorović, <i>Thermal analysis of some alloys in the Ag-Cu-Sn ternary system</i> , Journal of Optoelectronics and Advanced Materials, vol 11 (2), 2009, pp. 175-179. IF = 0,433 - <b>M23</b> , ISSN 1454 – 4164                                                                                                                     |                                                  |                                            |                         |
| 44.                                                                                                         | B. Trumić, L. Gomidželović, <b>S. Marjanović</b> , 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, ISSN 1516-1439, Vol. 20, No. 1, 2017., pp. 191 - 199, [Impact factor (IF) 0,884/2016], <b>M23</b>                                                  |                                                  |                                            |                         |
| 45.                                                                                                         | E. Požega, P. Nikolić, S. Bernik, L. Gomidželović, N. Labus, M. Radovanović, <b>S. Marjanović</b> : Synthesis and investigation of BiSbTeSe single crystal doped with Zr produced using Bridgman method, Revista de Metalurgia, ISSN 0034-8570, Vol. 53, No. 3, 2017., [Impact factor (IF) 0,388/2016], <b>M23</b>                                                                                   |                                                  |                                            |                         |
| 46.                                                                                                         | V. Cvetković-Stamenković, D. Manasijević, <b>S. Marjanović</b> , A. Ivanović, B. Trumić, V. Marjanović, M. Jovanović: Influence of Thermomechanical Processing Regime on the Mechanical Properties and Electrical Conductivity of PdNi5 Alloy, Hemijska Industrija, ISSN 0367-598X, Vol. 71, No. 5, 2017., pp. 419 - 428, [Impact factor (IF) 0,509/2016], <b>M23</b>                                |                                                  |                                            |                         |
| Data summary on the lecturer’s scientific activities                                                        |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                            |                         |
| Total number of citations                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                      | 48                                               |                                            |                         |

|                                                                 |                      |                           |  |
|-----------------------------------------------------------------|----------------------|---------------------------|--|
| 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                                             |                      |                           |  |

|                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |                           |                                                     |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------|-----------------------------------------------------|
| Surname, middle name, Name                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ljubiša Tomislav Balanović                        |                           |                                                     |
| Academic title                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                             | Associate Professor                               |                           |                                                     |
| Name of the institution (full time/part time employment), from date                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                             | Technical Faculty in Bor, from 18.02.2008         |                           |                                                     |
| Narrow scientific filed                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |                           |                                                     |
| Academinc career                                                                                            | Year                                                                                                                                                                                                                                                                                                                                                                                                                                        | Institution                                       | Scientific field          | Narrow scientific field                             |
| Election to the current academic title                                                                      | 24.09.2018.                                                                                                                                                                                                                                                                                                                                                                                                                                 | Technical Faculty in Bor                          | Metallurgical Engineering | Extractive Metallurgy and Metallurgical Engineering |
| PhD                                                                                                         | Doctorate in 2013.                                                                                                                                                                                                                                                                                                                                                                                                                          | Technical Faculty in Bor                          | Metallurgical Engineering | Technical Sciences - Metallurgy                     |
| Diploma                                                                                                     | Diploma in 2004.                                                                                                                                                                                                                                                                                                                                                                                                                            | Technical Faculty in Bor                          | Metallurgical Engineering | Metallurgy - Extractive Metallurgy                  |
| List of the courses taught by the lecturer at doctoral academic study programs                              |                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |                           |                                                     |
| No.                                                                                                         | Course code                                                                                                                                                                                                                                                                                                                                                                                                                                 | Course title                                      |                           |                                                     |
| 12.                                                                                                         | DMI2SMKM                                                                                                                                                                                                                                                                                                                                                                                                                                    | Modern methods of materials characterization      |                           |                                                     |
| 13.                                                                                                         | DMI2SMM                                                                                                                                                                                                                                                                                                                                                                                                                                     | Modern metal materials                            |                           |                                                     |
| The most relevant scientific references, according to the standards for the specified field (from 10 to 20) |                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |                           |                                                     |
| 47.                                                                                                         | D. Manasijević, <b>Lj. Balanović</b> , I. Marković, M. Gorgievski, U. Stamenković, D. Minić, M. Premović, A. Đorđević, V. Čosović, Study of thermal properties and microstructure of the Ag–Ge alloys, Journal of Thermal Analysis and Calorimetry, 147 (3) (2022) 1955-1964. <a href="https://doi.org/10.1007/s10973-021-10664-y">https://doi.org/10.1007/s10973-021-10664-y</a> [ISSN (1388-6150), IF(2021)=4.755]                        |                                                   |                           | M21                                                 |
| 48.                                                                                                         | D. Manasijević, <b>Lj. Balanović</b> , I. Marković, D. Minić, M. Premović, A. Đorđević, M. Gorgievski, U. Stamenković, Microstructure and thermal properties of the Bi–Ag alloys, Journal of Thermal Analysis and Calorimetry, 147 (3) (2022) 1965-1972. <a href="https://doi.org/10.1007/s10973-020-10482-8">https://doi.org/10.1007/s10973-020-10482-8</a> [ISSN (1388-6150), IF(2021)=4.755]                                             |                                                   |                           | M21                                                 |
| 49.                                                                                                         | I. Manasijević, <b>Lj. Balanović</b> , T. Holjevac Grgurić, D. Minić, M. Gorgievski, Study of microstructure and thermal properties of the low-melting Bi–In eutectic alloys, Journal of Thermal Analysis and Calorimetry, 136 (2) (2019) 643-649. <a href="https://doi.org/10.1007/s10973-018-7679-8">https://doi.org/10.1007/s10973-018-7679-8</a> [ISSN (1388-6150), IF(2020)=4.626]                                                     |                                                   |                           | M21                                                 |
| 50.                                                                                                         | D. Manasijević, <b>Lj. Balanović</b> , I. Marković, M. Gorgievski, U. Stamenković, K. Božinović, Microstructure evaluation and thermal properties of Ag–Sb alloys, Journal of Physics and Chemistry of Solids, 169 (2022). <a href="https://doi.org/10.1016/j.jpcs.2022.110874">https://doi.org/10.1016/j.jpcs.2022.110874</a> [ISSN(0022-3697), IF(2021)=4.383]                                                                            |                                                   |                           | M22                                                 |
| 51.                                                                                                         | D. Manasijević, <b>Lj. Balanović</b> , I. Marković, M. Gorgievski, U. Stamenković, K. Božinović, D. Minić, M. Premović, Microstructural analysis and thermal conductivity of the Ag–Bi–Sn alloys, Thermochimica Acta, 717 (2022). <a href="https://doi.org/10.1016/j.tca.2022.179344">https://doi.org/10.1016/j.tca.2022.179344</a> [ISSN(0040-6031), IF(2021)=3.378]                                                                       |                                                   |                           | M22                                                 |
| 52.                                                                                                         | D. Manasijević, <b>Lj. Balanović</b> , I. Marković, M. Gorgievski, U. Stamenković, A. Đorđević, D. Minić, V. Čosović, Structural and thermal properties of Sn–Ag alloys, Solid State Sciences, 119 (2021). <a href="https://doi.org/10.1016/j.solidstatesciences.2021.106685">https://doi.org/10.1016/j.solidstatesciences.2021.106685</a> [ISSN(1873-3085), IF(2021)=3.752]                                                                |                                                   |                           | M22                                                 |
| 53.                                                                                                         | T.H. Grgurić, D. Manasijević, S. Kožuh, I. Ivanić, I. Anžel, B. Kosec, M. Bizjak, E.G. Bajsić, <b>Lj. Balanović</b> , M. Gojić, The effect of the processing parameters on the martensitic transformation of Cu-Al-Mn shape memory alloy, Journal of Alloys and Compounds, 765 (2018) 664-676. <a href="https://doi.org/10.1016/j.jallcom.2018.06.250">https://doi.org/10.1016/j.jallcom.2018.06.250</a> [ISSN: 0925-8388, IF(2017)= 3.779] |                                                   |                           | M21a                                                |
| 54.                                                                                                         | D. Manasijević, D. Minić, <b>Lj. Balanović</b> , M. Premović, M. Gorgievski, D. Živković, D. Milisavljević, Experimental investigation and thermodynamic prediction of the Al–Bi–In phase diagram, Journal of Alloys and Compounds, 687 (2016) 969-975. <a href="https://doi.org/10.1016/j.jallcom.2016.06.262">https://doi.org/10.1016/j.jallcom.2016.06.262</a> [ISSN: 0925-8388, IF(2016)= 3.133]                                        |                                                   |                           | M21a                                                |
| 55.                                                                                                         | <b>Lj. Balanović</b> , D. Živković, D. Manasijević, D. Minić, V. Čosović, N. Talijan, Calorimetric investigation of Al-Zn alloys using Oelsen method, Journal of Thermal Analysis and Calorimetry, 118 (2) (2014) 1287-1292. <a href="https://doi.org/10.1007/s10973-014-3990-1">https://doi.org/10.1007/s10973-014-3990-1</a> [ISSN: 1388-6150, IF(2014)=2.042]                                                                            |                                                   |                           | M22                                                 |
| 56.                                                                                                         | <b>Lj. Balanović</b> , D. Živković, A. Mitovski, D. Manasijević, Ž. Živković, Calorimetric investigations and thermodynamic calculation of Zn-Al-Ga system, Journal of Thermal Analysis and Calorimetry, 103 (3) (2011) 1055-1061. <a href="http://dx.doi.org/10.1007/s10973-010-1070-8">http://dx.doi.org/10.1007/s10973-010-1070-8</a> [ISSN 1388-6150; 1572-8943, IF(2011)=1.604]                                                        |                                                   |                           | M22                                                 |
| Data summary on the lecturer's scientific activities                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |                           |                                                     |
| Total number of citations                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                             | 245 (Scopus on 10.03.2023)                        |                           |                                                     |
| Total number of papers published in SCI (SSCI) indexed journals                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                             | 62                                                |                           |                                                     |
| The number of active project engagements                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             | National projects: 1    International projects: 0 |                           |                                                     |
| Personal improvements                                                                                       | Advanced study stays: Central South University (China), Hebei University of Economics and Business (China), University of Nova Gorica (Slovenia)                                                                                                                                                                                                                                                                                            |                                                   |                           |                                                     |
| Other relevant data:                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |                           |                                                     |

Editor-in-Chief of Journal of Mining and Metallurgy Section: B Metallurgy, international journal with IF2021=1.311, published by the Technical Faculty in Bor; Member of the Committee for Thermodynamics and Phase Diagrams of Serbia and Member of the Serbian Chemical Society.

|                                                                                                             |                                                                                                                                                                                                                                                                                                                                         |                                         |                                                                         |                                           |      |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------|-------------------------------------------|------|
| Surname, middle name, Name                                                                                  |                                                                                                                                                                                                                                                                                                                                         |                                         | Ivana I. Markovic                                                       |                                           |      |
| Academic title                                                                                              |                                                                                                                                                                                                                                                                                                                                         |                                         | Associated Professor                                                    |                                           |      |
| Name of the institution (full time/part time employment), from date                                         |                                                                                                                                                                                                                                                                                                                                         |                                         | Technical Faculty in Bor, University of Belgrade (full time), from 2008 |                                           |      |
| Narrow scientific filed                                                                                     |                                                                                                                                                                                                                                                                                                                                         |                                         | Processing metallurgy and metal materials                               |                                           |      |
| Academic career                                                                                             | Year                                                                                                                                                                                                                                                                                                                                    | Institution                             | Scientific field                                                        | Narrow scientific field                   |      |
| Election to the current academic title                                                                      | 2019                                                                                                                                                                                                                                                                                                                                    | Technical Faculty in Bor                | Metallurgy                                                              | Processing metallurgy and metal materials |      |
| PhD                                                                                                         | 2014                                                                                                                                                                                                                                                                                                                                    | Technical Faculty in Bor                | Metallurgy                                                              |                                           |      |
| Specialization                                                                                              | 2007                                                                                                                                                                                                                                                                                                                                    | Technical Faculty in Bor                | Metallurgy                                                              | Processing metallurgy and metal materials |      |
| Master's degree                                                                                             | -                                                                                                                                                                                                                                                                                                                                       | Technical Faculty in Bor                | Metallurgy                                                              |                                           |      |
| Diploma                                                                                                     | 2004                                                                                                                                                                                                                                                                                                                                    | Technical Faculty in Bor                | Metallurgy                                                              |                                           |      |
| List of the courses taught by the lecturer at doctoral academic study programs                              |                                                                                                                                                                                                                                                                                                                                         |                                         |                                                                         |                                           |      |
| No.                                                                                                         | Course code                                                                                                                                                                                                                                                                                                                             | Course title                            |                                                                         |                                           |      |
| 14.                                                                                                         | ДМИ2СММК                                                                                                                                                                                                                                                                                                                                | Sintered metal materials and composites |                                                                         |                                           |      |
| 15.                                                                                                         | ДМИ1ФМ4                                                                                                                                                                                                                                                                                                                                 | Physical metallurgy 4                   |                                                                         |                                           |      |
| 16.                                                                                                         |                                                                                                                                                                                                                                                                                                                                         |                                         |                                                                         |                                           |      |
| The most relevant scientific references, according to the standards for the specified field (from 10 to 20) |                                                                                                                                                                                                                                                                                                                                         |                                         |                                                                         |                                           |      |
| 57.                                                                                                         | I. Marković, S. Nestorović, B. Markoli, M. Premović, S. Mladenović, Study of anneal hardening in cold worked Cu-Au alloy, Journal of Alloys and Compounds, 658 (2016) 414-421. (ISSN 0925-8388; IF(2016)=3.133)                                                                                                                         |                                         |                                                                         |                                           | M21a |
| 58.                                                                                                         | I. Marković, S. Nestorović, B. Markoli, M. Premović, S. Šturm, Anneal hardening in cold rolled PM Cu-Au alloy, Materials Science & Engineering A, 658 (2016) 393–399. (ISSN 0921-5093; IF(2016)=3.094)                                                                                                                                  |                                         |                                                                         |                                           | M21a |
| 59.                                                                                                         | M. Premović, Y. Du, D. Minić, C. Zhang, D. Manasijević, Lj. Balanović, I. Marković, Experimental investigation and thermodynamic calculation of the Cu-Ge-Sb system, Journal of Alloys and Compounds, 726 (2017) 820-832. (ISSN 0925- 8388; IF(2016)= 3.133)                                                                            |                                         |                                                                         |                                           | M21a |
| 60.                                                                                                         | I. Marković, S. Ivanov, U. Stamenković, R. Todorović, A. Kostov, Annealing behavior of Cu-7at.%Pd alloy deformed by cold rolling, Journal of Alloys and Compounds, 768 (2018) 944-952. (ISSN 0925-8388; IF(2017)=3.779)                                                                                                                 |                                         |                                                                         |                                           | M21a |
| 61.                                                                                                         | S. Nestorović, D. Marković, I. Marković, Influence of thermal cycling treatment on the anneal hardening effect of Cu10Zn alloy, Journal of Alloys and Compounds, 489(2)(2010) 582-585. (ISSN 0925-8388; IF(2010)=2.138)                                                                                                                 |                                         |                                                                         |                                           | M21a |
| 62.                                                                                                         | M. Rajčić-Vujasinović, S. Nestorović, V. Grekulović, I. Marković, Z. Stević, Electrochemical behavior of cast CuAg4at.% alloy, Corrosion, 66(10)(2010) 105004/1-105004/5. (ISSN 0010-9312; IF(2010)=1.151)                                                                                                                              |                                         |                                                                         |                                           | M21  |
| 63.                                                                                                         | M. Rajčić-Vujasinović, S. Nestorović, V. Grekulović, I. Marković, Z. Stević, Electrochemical behavior of sintered CuAg4 at pct. alloy, Metallurgical and Materials Transactions B, 41(5)(2010) 955-961. (ISSN 1073-5615; IF(2010)=0.974)                                                                                                |                                         |                                                                         |                                           | M21  |
| 64.                                                                                                         | S. Nestorović, I. Marković, D. Marković, Influence of thermomechanical treatment on the hardening mechanisms and structural changes of a cast Cu-6.6wt.%Ag alloy, Materials and Design, 31(3)(2010) 1644-1649. (ISSN 0261-3069; IF(2011)=2.200)                                                                                         |                                         |                                                                         |                                           | M21  |
| 65.                                                                                                         | I. Marković, S. Nestorović, D. Marković: Effect of thermo-mechanical treatment on properties improvement and microstructure changes in copper-gold alloy, Materials and Design, 53(2014) 137-144. (ISSN 0261-3069; IF(2014)=3.501)                                                                                                      |                                         |                                                                         |                                           | M21  |
| 66.                                                                                                         | I. Marković, S. Nestorović, D. Marković, D. Gusković, Properties improvement and microstructure changes during thermomechanical treatment in sintered Cu-Au alloy, Transactions of Nonferrous Metals Society of China, 24(2)(2014) 431-440. (ISSN 1003-6326; IF(2014)=1.178)                                                            |                                         |                                                                         |                                           | M21  |
| 67.                                                                                                         | S. Nestorović, I. Rangelov (Marković), D. Marković, Improvements in properties of sintered and cast Cu-Ag alloys by anneal hardening effect, Powder Metallurgy, 54(1)(2011) 36-39. (ISSN 0032-5899; IF(2010)=0.783)                                                                                                                     |                                         |                                                                         |                                           | M22  |
| 68.                                                                                                         | S.Mladenović, D.Manasijević, B.Maluckov, I.Marković, S.Marjanović, D.Živković, Solidification properties and microstructure investigation of the as-cast Sn-rich alloys of the Sn–Sb–Zn ternary system, Kovove Materialy = Metallic Materials, 54(3)(2016) 211-218. (ISSN 1338-4252 (online), ISSN 0023-432X (printed); IF(2015)=0.365) |                                         |                                                                         |                                           | M23  |
| 69.                                                                                                         | N.Štrbac, I.Marković, A.Mitovski, Lj. Balanović, D.Živković, V.Grekulović, The possibilities for reuse of steel scrap in order to obtain blades for knives, Revista de Metalurgia, 53(1)(2017) e086. (ISSN-L: 0034-8570, IF(2015)=0.203)                                                                                                |                                         |                                                                         |                                           | M23  |
| 70.                                                                                                         | I.Rangelov (Marković), S. Nestorović, D. Marković, Korelacija između mehaničkih osobina i strukturnih promena sinterovane legure Cu–4 at% Ag tokom termomehaničke obrade, Hemijska industrija, 62(2)(2008) 78-84.(ISSN 0367-                                                                                                            |                                         |                                                                         |                                           | M23  |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                            |                      |                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 598X; IF(2009)=0.117)                                                                                                                                                                                                                                                                                                                      |                      |                           |
| 71.                                                                                                                                                                                                                                                                                                                                                                                                                                             | D. Živković, D. Minić, D. Manasijević, N. Talijan, Lj. Balanović, A. Mitovski, V. Čosović, <b>I.Rangelov (Marković)</b> , Phase diagram investigation and characterization of alloys in Bi-Ga10Sb90 section of Ga-Bi-Sb system, Journal of Optoelectronics and Advanced Materials, 12(6)(2010) 1262-1267. (ISSN 1454-4164; IF(2010)=0.412) |                      | M23                       |
| Data summary on the lecturer's scientific activities                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                            |                      |                           |
| Total number of citations                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                            | 34                   |                           |
| Total number of papers published in SCI (SSCI) indexed journals                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                            | 17                   |                           |
| The number of active project engagements                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                            | National projects: 2 | International projects: - |
| Personal improvements                                                                                                                                                                                                                                                                                                                                                                                                                           | Within the Erasmus+ project professional development at the Metallurgical Faculty in Sisak, University of Zagreb during May 2017.                                                                                                                                                                                                          |                      |                           |
| Other relevant data: Since 2016, he is the technical editor of the prominent international journal (M22) Journal of Mining and Metallurgy Section: B Metallurgy. He is a member of professional associations: Serbian Chemical Society, Committee for thermodynamics and phase diagrams of Serbia and the Association of Engineers and Technicians of Serbia. Since 2018, he has been the president of the Serbian branch chemical society Bor. |                                                                                                                                                                                                                                                                                                                                            |                      |                           |

|                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                              |                                                     |                                                     |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Surname, middle name, Name                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                              | Gorgievski Dragi Milan                              |                                                     |
| Academic title                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                              | Associate professor                                 |                                                     |
| Name of the institution (full time/part time employment), from date                                         |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                              | Technical faculty in Bor, from 15.10.2013           |                                                     |
| Narrow scientific filed                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                              | Extractive metallurgy and metallurgical engineering |                                                     |
| Academinc career                                                                                            | Year                                                                                                                                                                                                                                                                                                                                                                                                    | Institution                                                                                  | Scientific field                                    | Narrow scientific field                             |
| Election to the current academic title                                                                      | 2015                                                                                                                                                                                                                                                                                                                                                                                                    | Technical faculty in Bor                                                                     | Metallurgical Engineering                           | Extractive metallurgy and Metallurgical Engineering |
| PhD                                                                                                         | 2015                                                                                                                                                                                                                                                                                                                                                                                                    | Technical faculty in Bor                                                                     | Metallurgical Engineering                           | Extractive metallurgy and Metallurgical Engineering |
| Diploma                                                                                                     | 2007                                                                                                                                                                                                                                                                                                                                                                                                    | Technical faculty in Bor                                                                     | Metallurgical Engineering                           | Technical Sciences - Metallurgy                     |
| List of the courses taught by the lecturer at doctoral academic study programs                              |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                              |                                                     |                                                     |
| No.                                                                                                         | Course code                                                                                                                                                                                                                                                                                                                                                                                             | Course title                                                                                 |                                                     |                                                     |
| 17.                                                                                                         | DMI1HEP                                                                                                                                                                                                                                                                                                                                                                                                 | Hydro and electrometallurgical processes                                                     |                                                     |                                                     |
| 18.                                                                                                         | DMI1SMKM                                                                                                                                                                                                                                                                                                                                                                                                | Modern methods of materials characterization                                                 |                                                     |                                                     |
| 19.                                                                                                         | DMI2FP2                                                                                                                                                                                                                                                                                                                                                                                                 | Transport phenomena 2                                                                        |                                                     |                                                     |
| The most relevant scientific references, according to the standards for the specified field (from 10 to 20) |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                              |                                                     |                                                     |
| 72.                                                                                                         | M. Marković, <b>M. Gorgievski</b> , N. Štrbac, V. Grekulović, K. Božinović, M. Zdravković, M. Vuković, Raw Eggshell as an Adsorbent for Copper Ions Biosorption—Equilibrium, Kinetic, Thermodynamic and Process Optimization Studies, Metals, 13 (2) (2023) 206. <a href="https://doi.org/10.3390/met13020206">https://doi.org/10.3390/met13020206</a> [ISSN 2075-4701, IF(2021) = 2.695]               |                                                                                              |                                                     | M22                                                 |
| 73.                                                                                                         | D. Božić, <b>M. Gorgievski</b> , V. Stanković, M. Cakić, S. Dimitrijević, V. Conić, Biosorption of lead ions from aqueous solutions by beech sawdust and wheat straw, Chemical Industry and Chemical Engineering Quarterly (CICEQ), 27 (1) (2021) 21-34. <a href="https://doi.org/10.2298/CICEQ191113021B">https://doi.org/10.2298/CICEQ191113021B</a> [ISSN 1451-9372, IF(2021) = 0.925]               |                                                                                              |                                                     | M23                                                 |
| 74.                                                                                                         | M. Marković, <b>M. Gorgievski</b> , D. Božić, V. Stanković, M. Cakić, V. Grekulović, K. Božinović, Lead removal from aqueous solutions using bean shells - Equilibrium, kinetics, and thermodynamic studies, Revista de Chimie, 72 (4) (2021) 118-137. <a href="https://doi.org/10.37358/RC.21.4.8462">https://doi.org/10.37358/RC.21.4.8462</a> [ISSN 2668-8212, IF(2019) = 1.755]                     |                                                                                              |                                                     | M22                                                 |
| 75.                                                                                                         | V. Stanković, <b>M. Gorgievski</b> , D. Božić, Cross-flow leaching of alkali and alkaline-earth metals from sawdust and wheat straw – Modelling of the process, Biomass and Bioenergy, 88 (2016) 17-23. <a href="https://doi.org/10.1016/j.biombioe.2016.03.013">https://doi.org/10.1016/j.biombioe.2016.03.013</a> [ISSN 0961-9534, IF(2016) = 4.186]                                                  |                                                                                              |                                                     | M21                                                 |
| 76.                                                                                                         | V. Stanković, <b>M. Gorgievski</b> , D. Božić, G. Bogdanović, Mine waters purification by biosorption coupled with green energy production from wood and straw biomass, Chemical Industry & Chemical Engineering Quarterly (CICEQ), 28 (4) (2022) 255-264. <a href="https://doi.org/10.2298/CICEQ210617037S">https://doi.org/10.2298/CICEQ210617037S</a> [ISSN 1451-9372, IF(2021) = 0,925]             |                                                                                              |                                                     | M23                                                 |
| 77.                                                                                                         | V. Stanković, V. Milošević, D. Miličević, <b>M. Gorgievski</b> , G. Bogdanović, Reprocessing of the old flotation tailings deposited on the RTB Bor tailings pond - a case study, Chemical Industry and Chemical Engineering Quarterly (CICEQ), 24 (4) (2018) 333-344. <a href="https://doi.org/10.2298/CICEQ170817005S">https://doi.org/10.2298/CICEQ170817005S</a> [ISSN 1451-9372, IF(2018) = 0,806] |                                                                                              |                                                     | M23                                                 |
| 78.                                                                                                         | S. Šerbula, V. Stanković, D. Živković, Ž. Kamberović, <b>M. Gorgievski</b> , 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, 35 (4) (2016) 480-485. DOI: 10.1007/s10230-016-0392-6 [ISSN 1025-9112, IF(2014) = 1,206]                                                       |                                                                                              |                                                     | M22                                                 |
| 79.                                                                                                         | D. Božić, <b>M. Gorgievski</b> , V. Stanković, N. Štrbac, S. Šerbula, Adsorption of heavy metal ions by beech sawdust - Kinetics, mechanism and equilibrium of the process, Ecological Engineering, 58 (2013) 202-206. <a href="https://doi.org/10.1016/j.ecoleng.2013.06.033">https://doi.org/10.1016/j.ecoleng.2013.06.033</a> [ISSN 0925-8574, IF(2013) = 3,479]                                     |                                                                                              |                                                     | M21                                                 |
| 80.                                                                                                         | <b>M. Gorgievski</b> , D. Božić, V. Stanković, N. Štrbac, S. Šerbula, 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, 58 (2013) 113-122. <a href="https://doi.org/10.1016/j.ecoleng.2013.06.025">https://doi.org/10.1016/j.ecoleng.2013.06.025</a> [ISSN 0925-8574, IF(2013) = 3,479]        |                                                                                              |                                                     | M21                                                 |
| 81.                                                                                                         | D. Božić, V. Stanković, <b>M. Gorgievski</b> , G. Bogdanović, R. Kovačević, Adsorption of heavy metal ions by sawdust of deciduous trees, Journal of Hazardous Materials, 171 (1-3) (2009) 684-692. <a href="https://doi.org/10.1016/j.jhazmat.2009.06.055">https://doi.org/10.1016/j.jhazmat.2009.06.055</a> [ISSN 0304-3894, IF(2009) = 4.144]                                                        |                                                                                              |                                                     | M21                                                 |
| Data summary on the lecturer's scientific activities                                                        |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                              |                                                     |                                                     |
| Total number of citations                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                         | 474 (SCOPUS on 13.03.2023.)                                                                  |                                                     |                                                     |
| Total number of papers published in SCI (SSCI) indexed journals                                             |                                                                                                                                                                                                                                                                                                                                                                                                         | 36                                                                                           |                                                     |                                                     |
| The number of active project engagements                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                         | National projects: 1      International projects: /                                          |                                                     |                                                     |
| Personal improvements                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                         | Advanced study stays: Hebei University of Economics and Business (China); Royal Institute of |                                                     |                                                     |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
|                                                                                                                                                                                                                                                                                                          | Technology (KTH), Sweden |
| Other relevant data: Managing Editor of the Journal of Mining and Metallurgy, Section B: Metallurgy (international journal with IF2021=1.311 published by the Technical Faculty in Bor); Member of the Serbian Chemical Society; Member of the Committee for Thermodynamics and Phase Diagrams of Serbia |                          |

|                                                                                                                    |                                                                                                                                                                                                                                                                                     |                                                                                                |                                      |                                |
|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------|
| <b>Surname, middle name, Name</b>                                                                                  |                                                                                                                                                                                                                                                                                     | <b>Milijić, N, Nenad</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 (full time employment), from February 1, 2008 |                                      |                                |
| <b>Narrow scientific field</b>                                                                                     |                                                                                                                                                                                                                                                                                     | Engineering management                                                                         |                                      |                                |
| <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                                                                                                                                                                                                                                                                                | University of Belgrade, Technical Faculty in Bor                                               | Technical and Technological sciences |                                |
| PhD                                                                                                                | 2015                                                                                                                                                                                                                                                                                | University of Belgrade, Technical Faculty in Bor                                               | Technical and Technological sciences |                                |
| Specialization                                                                                                     |                                                                                                                                                                                                                                                                                     |                                                                                                |                                      |                                |
| Master's degree                                                                                                    | 2009                                                                                                                                                                                                                                                                                | University of Belgrade, Technical Faculty in Bor                                               | Technical and Technological sciences |                                |
| Diploma                                                                                                            | 2006                                                                                                                                                                                                                                                                                | University of Belgrade, Technical Faculty in Bor                                               | Technical and Technological sciences |                                |
| <b>List of the courses taught by the lecturer at doctoral academic study programs</b>                              |                                                                                                                                                                                                                                                                                     |                                                                                                |                                      |                                |
| No.                                                                                                                | Course code                                                                                                                                                                                                                                                                         | Course title                                                                                   |                                      |                                |
|                                                                                                                    |                                                                                                                                                                                                                                                                                     | Project Management                                                                             |                                      |                                |
|                                                                                                                    |                                                                                                                                                                                                                                                                                     |                                                                                                |                                      |                                |
|                                                                                                                    |                                                                                                                                                                                                                                                                                     |                                                                                                |                                      |                                |
| <b>The most relevant scientific references, according to the standards for the specified field (from 10 to 20)</b> |                                                                                                                                                                                                                                                                                     |                                                                                                |                                      |                                |
|                                                                                                                    | Nikolić, I., Milošević, I., <b>Milijić, N.</b> , Mihajlović, I.: Cleaner production and technical effectiveness: Multi-criteria Analysis of Copper Smelting Facilities, Journal of Cleaner Production, Vol 215, 2019, pp. 423-432.                                                  |                                                                                                |                                      |                                |
|                                                                                                                    | <b>Milijić, N.</b> , Mihajlović, I., Nikolić, Dj., Živković, Ž.: Multicriteria analysis of safety climate measurements at workplaces in production industries in Serbia, International Journal of Industrial Ergonomics, Vol 44, No 4, 2014, pp. 510-519.                           |                                                                                                |                                      |                                |
|                                                                                                                    | <b>Milijić, N.</b> , Mihajlović, I., Štrbac, N., Živković, Ž.: Developing a Questionnaire for Measuring Safety Climate in the Workplace in Serbia, International Journal of Occupational Safety and Ergonomics, Vol 19, No 4, 2013, pp. 631-645.                                    |                                                                                                |                                      |                                |
|                                                                                                                    | Jovanović, F., <b>Milijić, N.</b> , Dimitrova, M., Mihajlović, I.: Risk Management Impact Assessment on the Success of Strategic Investment Projects: Benchmarking Among Different Sector Companies, Acta Polytechnica Hungarica, Vol 13, No 5, 2016, pp. 221-241.                  |                                                                                                |                                      |                                |
|                                                                                                                    | Nikolić, I., Milošević, I., <b>Milijić, N.</b> , Jovanović, A., Mihajlović, I.: New approach to multi-criteria ranking of the copper concentrate smelting processes based on the PROMETHEE/GAIA methodology, Acta Polytechnica Hungarica, Vol 16, No 1, 2019, pp. 143-164.          |                                                                                                |                                      |                                |
|                                                                                                                    | Urošević, S., <b>Milijić, N.</b> , Đorđević Maljković, N., Karabašević, D.: Indicators of Motivation and Employee Satisfaction in Public Enterprise – Case Study of PE “Post of Serbia”, Industrija, Vol 44, No 3, 2016, pp. 77-95.                                                 |                                                                                                |                                      |                                |
|                                                                                                                    | Riznić, D., <b>Milijić, N.</b> , Lazić, J.: Merenje performansi ključnih dimenzija unutrašnjeg marketina, Industrija, Vol 39, No 2, 2011, pp. 185-201.                                                                                                                              |                                                                                                |                                      |                                |
|                                                                                                                    | <b>Milijić, N.</b> , Mihajlović, I.: Međuzavisnost demografskih faktora i njihov uticaj na klimu bezbednosti u proizvodnim kompanijama, Industrija, Vol 39, No 2, 2011, pp. 223-235.                                                                                                |                                                                                                |                                      |                                |
|                                                                                                                    | <b>Milijić, N.</b> , Jovanović, I., Mihajlović, I., Jovanović, A.: Modelling factors of occupational health and safety (OH&S) during the investment projects, Serbian Project Management Journal, Vol 5, No 1, 2015, pp. 18-28.                                                     |                                                                                                |                                      |                                |
|                                                                                                                    | <b>Milijić, N.</b> , Stojanović, A., Mihajlović, I., Jovanović, I., Popović, M.: Safety Climate in Project-Based Organizations: Multi-Criteria Analysis. Management: Journal of Sustainable Business and Management Solutions in Emerging Economies, Vol 27, No 3, 2022, pp. 35-46. |                                                                                                |                                      |                                |
| <b>Data summary on the lecturer's scientific activities</b>                                                        |                                                                                                                                                                                                                                                                                     |                                                                                                |                                      |                                |
| Total number of citations                                                                                          |                                                                                                                                                                                                                                                                                     | 56 heterocitations (Scopus)                                                                    |                                      |                                |
| Total number of papers published in SCI (SSCI) indexed journals                                                    |                                                                                                                                                                                                                                                                                     | 5                                                                                              |                                      |                                |
| The number of active project engagements                                                                           |                                                                                                                                                                                                                                                                                     | National projects: 1                                                                           |                                      | International projects: 4      |
| Personal improvements                                                                                              |                                                                                                                                                                                                                                                                                     |                                                                                                |                                      |                                |
| Other relevant data                                                                                                |                                                                                                                                                                                                                                                                                     |                                                                                                |                                      |                                |

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|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------|
| Surname, middle name, Name                                                                                  |                                                                                                                                                                                                                                                                                                                                       |                                                   | Stamenković, Slobodan, Uroš                                                                  |                                              |                           |
| Academic title                                                                                              |                                                                                                                                                                                                                                                                                                                                       |                                                   | Assistant professor                                                                          |                                              |                           |
| Name of the institution (full time/part time employment), from date                                         |                                                                                                                                                                                                                                                                                                                                       |                                                   | University of Belgrade, Technical faculty in Bor, part time employment, since September 2013 |                                              |                           |
| Narrow scientific filed                                                                                     |                                                                                                                                                                                                                                                                                                                                       |                                                   | Processing metallurgy and metallic materials                                                 |                                              |                           |
| Academic career                                                                                             | Year                                                                                                                                                                                                                                                                                                                                  | Institution                                       | Scientific field                                                                             | Narrow scientific field                      |                           |
| Election to the current academic title                                                                      | 2020                                                                                                                                                                                                                                                                                                                                  | University of Belgrade, Technical faculty in Bor, | Metallurgical engineering                                                                    | Processing metallurgy and metallic materials |                           |
| PhD                                                                                                         | 2020                                                                                                                                                                                                                                                                                                                                  | University of Belgrade, Technical faculty in Bor, | Metallurgical engineering                                                                    | Processing metallurgy and metallic materials |                           |
| Specialization                                                                                              | /                                                                                                                                                                                                                                                                                                                                     | /                                                 | /                                                                                            | /                                            |                           |
| Master's degree                                                                                             | 2014                                                                                                                                                                                                                                                                                                                                  | University of Belgrade, Technical faculty in Bor, | Metallurgical engineering                                                                    | Processing metallurgy and metallic materials |                           |
| Diploma                                                                                                     | 2012                                                                                                                                                                                                                                                                                                                                  | University of Belgrade, Technical faculty in Bor, | Metallurgical engineering                                                                    | Processing metallurgy and metallic materials |                           |
| List of the courses taught by the lecturer at doctoral academic study programs                              |                                                                                                                                                                                                                                                                                                                                       |                                                   |                                                                                              |                                              |                           |
| No.                                                                                                         | Course code                                                                                                                                                                                                                                                                                                                           | Course title                                      |                                                                                              |                                              |                           |
| 20.                                                                                                         | ДМИ1ФЧПМ                                                                                                                                                                                                                                                                                                                              | PHYSICS OF STRENGTH AND PLASTICITY OF METALS      |                                                                                              |                                              |                           |
| 21.                                                                                                         |                                                                                                                                                                                                                                                                                                                                       |                                                   |                                                                                              |                                              |                           |
| 22.                                                                                                         |                                                                                                                                                                                                                                                                                                                                       |                                                   |                                                                                              |                                              |                           |
| The most relevant scientific references, according to the standards for the specified field (from 10 to 20) |                                                                                                                                                                                                                                                                                                                                       |                                                   |                                                                                              |                                              |                           |
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| 88.                                                                                                         | Z. Stošić, D. Manasijević, L. Balanović, T. Holjevac-Grgurić, U. Stamenković, M. Premović, M. Duško, M. Gorgievski, R. Todorović: Effects of Composition and Thermal Treatment of Cu-Al-Zn Alloys with Low Content of Al on their Shape-memory Properties, Materials Research, ISSN 1516-1439, Vol. 20, No. 5, pp. 1425 - 1431, 2017. |                                                   |                                                                                              |                                              | M23                       |
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| Data summary on the lecturer's scientific activities                                                        |                                                                                                                                                                                                                                                                                                                                       |                                                   |                                                                                              |                                              |                           |
| Total number of citations                                                                                   |                                                                                                                                                                                                                                                                                                                                       |                                                   | 41                                                                                           |                                              |                           |
| 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: Long-term member of International October conference organizing committee. Member of the international editorial board of the Journal of Mining and Metallurgy Section: B metallurgy, published by Technical Faculty in Bor. Member at the promotion events of natural and technical sciences among young people. Member of the Materials Research Society of Serbia.