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Akademska karijera

- **Doktor nauka – tehnološko inženjerstvo,** Univerzitet u Beogradu, Tehnički fakultet u Boru (2017.)
- **Master inženjer tehnologije (biohemijsko inženjerstvo i biotehnologija),** Univerzitet u Beogradu, Tehnološko-metalurški fakultet u Beogradu (2012.)
- **Diplomirani inženjer tehnologije (biohemijsko inženjerstvo i biotehnologija),** Univerzitet u Beogradu, Tehnološko-metalurški fakultet u Beogradu (2011.)

Oblasti istraživanja

- Korozija, inhibitori korozije
- Senzorske elektrode
- Biosorpcija

Relevantni podaci

- Višegodišnji član organizacionih odbora međunarodnih konferencija EcoTER i IOC.
- Član Srpskog hemijskog društva.

Izdanja

- Nujkić M., Tasić Ž. (2021), **Praktikum za ispitivanje vazduha, vode i zemljišta**, Univerzitet u Beogradu, Tehnički fakultet u Boru, Bor, ISBN: 978-86-62305-1.
- Tasić Ž., Nujkić M. (2021), **Praktikum iz Toksikologije**, Univerzitet u Beogradu, Tehnički fakultet u Boru, Bor, ISBN: 978-86-6305-111-9.
- Antonijević M., Tasić Ž., Petrović Mihajlović M., Simonović A., Radovanović M. (2018), **Expired antibiotics as possible solution for corrosion of metals caused by acid rain** *in* Monograph Ecological Truth and Environmental Research, Editor: Šerbula S.M., pp. 93–120, University of Belgrade, Technical Faculty in Bor, Bor, ISBN: 978-86-6305-080-8.

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- Radovanović M., Petrović Mihajlović M., Tasić Ž., Simonović A., Antonijević M. (2021), Inhibitory effect of L-Threonine and L-Lysine and influence of surfactant on stainless steel corrosion in artificial body solution, *Journal of Molecular Liquids*, 342, 116939.
- **Tasić Ž.Z.**, Petrović Mihajlović M.B., Radovanović M.B., Simonović A.T., Antonijević M.M. (2021), Experimental and theoretical studies of paracetamol as a copper corrosion inhibitor, *Journal of Molecular Liquids*, 327, 114817.
- Radovanović M.B., **Tasić Ž.Z.**, **Petrović Mihajlović M.B.**, Simonović A.T., Antonijević M.M. (2019), Electrochemical and DFT studies of brass corrosion inhibition in 3% NaCl in the presence of environmentally friendly compounds, *Scientific Reports*, 9(1), 16081.
- Petrović Mihajlović M.B., Radovanović M.B., Simonović, A.T., **Tasić Ž.Z.**, Antonijević M.M. (2019), Evaluation of purine based compounds as the inhibitors of copper corrosion in simulated body fluid, *Results in Physics*, 14, 102357.

Projekti

- Angažovanje po Ugovoru o realizaciji i finansiranju naučno-istraživačkog rada NIO u 2021. godini (br. 451-03-9/2021-14/200131), u 2022. godini (br. 451-03-68/2022-14/200131), u 2023. godini (br. 451-03-47/2023-01/200131).
- IPA project: Academic Environmental Protection Studies on surface water quality in significant cross-border nature reservation Djerdap/Iron Gate national park and Carska Bara special nature reserve, with population awareness reising woorkshops (2019–2021).
- JST SATREPS project: Research on the Integration System of Spatial Environment Analyses and Advanced Metal Recovery to Ensure Sustainable Resource Development (2014–2020).
- „Neki aspekti rastvaranja metala i prirodnih minerala” (2011–2019, br. projekta 172 031).