**Табела. 9.5.** Компетентност ментора

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Име и презиме** | | | | Даниела Шојић Меркулов | | | | | | | |
| **Звање** | | | | Ванредни професор | | | | | | | |
| **Ужа научна област** | | | | Аналитичка хемија | | | | | | | |
| **Академска каријера** | | | Година | Институција | | | | | Област | | |
| Избор у звање | | | 2016. | Природно-математички факултет | | | | | Аналитичка хемија | | |
| Докторат | | | 2009. | Природно-математички факултет | | | | | Аналитичка и физичка хемија | | |
| Диплома | | | 2001. | Природно-математички факултет | | | | | Физичка хемија | | |
| **Списак дисертација у којима је наставнк ментор или је био ментор у претходних 10 година** | | | | | | | | | | | |
| Р.Б. | Наслов дисертације | | | | Име кандидата | | \*пријављена | | | \*\* одбрањена | |
|  |  | | | |  | |  | | |  | |
| \*Година у којој је дисертација пријављена (само за дисертације које су у току), \*\* Година у којој је дисертација одбрањена (само за дисертације из ранијег периода) | | | | | | | | | | | |
| **Радови у научним часописима из области студијског програма са званичне листе ресорног министарства за науку, у сладу са захтевима допунских стандарда за дато поље** | | | | | | | | | | | |
| 1. | | N.L. Finčur, J.B. Krstić, F.S. Šibul, D.V. Šojić, V.N. Despotović, N.D. Banić, J.R. Agbaba, B.F. Abramović, Removal of alprazolam from aqueous solutions by heterogeneous photocatalysis: Influencing factors, intermediates, and products, *Chemical Engineering Journal*, **307C** (2017) 1105–1115. | | | | | | | | | М21 |
| 2. | | N.D. Banić, B. F. Abramović, D.V. Šojić, J.B. Krstić, N.L. Finčur, I.P. Bočković, Efficiency of neonicotinoids photocatalytic degradation by using annular slurry reactor, *Chemical Engineering Journal*, **286** (2016) 184–190. | | | | | | | | | М21 |
| 3. | | D.V. Šojić, D.Z. Orčić, D.D. Četojević-Simin, N.D. Banić, B.F. Abramović, Efficient removal of sulcotrione and its formulated compound Tangenta® in aqueous TiO2 suspension: Stability, photoproducts assessment and toxicity, *Chemosphere*, **138C** (2015) 988-994. | | | | | | | | | М21 |
| 4. | | M. Vranješ, Z.V. Šaponjić, Lj. Živković, V.N. Despotović, D.V. Šojić, B.F. Abramović, M.I. Čomor, Elongated titania nanostructures as efficient photocatalysts for degradation of selected herbicide, *Applied Catalysis B: Environmental* **160**–**161** (2014) 589–596. | | | | | | | | | М21 |
| 5. | | D.V Šojić, D.Z. Orčić, D.D. Četojević-Simin, V.N. Despotović, B.F. Abramović, Kinetics and the mechanism of the photocatalytic degradation of mesotrione in aqueous suspension and toxicity of its degradation mixtures, *Journal of Molecular Catalysis A: Chemical*, **392** (2014) 67–75. | | | | | | | | | М21 |
| 6. | | D.D. Četojević-Simin, S.J. Armaković, D.V. Šojić, B.F. Abramović, Toxicity assessment of metoprolol and its photodegradation mixtures obtained by using different type of TiO2 catalysts in the mammalian cell lines, *Science of the Total Environment*, **463-464C** (2013) 968–974. | | | | | | | | | М21 |
| 7. | | B.F. Abramović, V.N. Despotović, D.V. Šojić, D.Z. Orčić, J.J. Csanádi, D.D. Četojević-Simin, Photocatalytic degradation of the herbicide clomazone in natural water using TiO2: Kinetics, mechanism, and toxicity of degradation products, *Chemosphere* **93** (2013) 166–171. | | | | | | | | | М21 |
| 8. | | M.B. Radoičić, I.A. Janković, V.N. Despotović, D.V. Šojić, T.D. Savić, Z.V. Šaponjić, B.F. Abramović, M.I. Čomor, The role of surface defect sites of titania nanoparticles in the photocatalysis: Aging and modification, *Applied Catalysis B: Environmental*, **138-139C** (2013) 122–127. | | | | | | | | | М21 |
| 9. | | D. Šojić, V. Despotović, D. Orčić, E. Szabó, E. Arany, S. Armaković, E. Illés, K. Gajda-Schrantz, A. Dombi, T. Alapi, E. Sajben-Nagy, A. Palágyi, Cs. Vágvölgyi, L. Manczinger, L. Bjelica, B. Abramović, Degradation of thiamethoxam and metoprolol by UV, O3 and UV/O3 hybrid processes: Kinetic, degradation intermediates and toxicity, *Journal of Hydrology*, **472–473** (2012) 314–327. | | | | | | | | | М21 |
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| 13. | | Abramović, S. Kler, D. Šojić, M. Laušević, T. Radović, D. Vione, Photocatalytic degradation of metoprolol tartrate in suspensions of two TiO2-based photocatalysts with different surface area. Identification of intermediates and proposal of degradation pathways, *Journal of Hazardous Materials*, **198** (2011) 123–132. | | | | | | | | | М21 |
| 14. | | D.V. Šojić, V.N. Despotović, N.D. Abazović, M.I. Čomor, B.F. Abramović, Photocatalytic degradation of selected herbicides in aqueous suspensions of doped titania under visible light irradiation, *Journal of Hazardous Materials*, **179** (2010) 49–56. | | | | | | | | | М21 |
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| 18. | | B.F. Abramović, D.V. Šojić, V.B. Anderluh, N.D. Abazović, M.I. Čomor, Nitrogen-doped TiO2 suspensions in photocatalytic degradation of herbicides mecoprop and (4-chloro-2-methylphenoxy)acetic acid using various light sources, *Desalination*, **244** (2009) 293–302. | | | | | | | | | М21 |
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| **Збирни подаци научне активност наставника** | | | | | | | | | | | |
| Укупан број цитата, без аутоцитата | | | | | | Укупан број цитата 501, без аутоцитата 440 | | | | | |
| Укупан број радова са SCI (или SSCI) листе | | | | | | 27 | | | | | |
| Тренутно учешће на пројектима | | | | | | Домаћи (1) | | Међународни | | | |