

Publication list

1. N.L. Finčur, M.J. Šćepanović, M.U. Grujić-Brojčin, B.F. Abramović, J.B. Krstić, A. Kremenović, T. Srećković, A. Golubović, Adsorption and degradation of some psychiatric drugs by sol-gel synthesized titania based photocatalyst: influence of tungsten and sodium content, *Journal of Sol-Gel Science and Technology*, 90 (2019) 510–524. (IF2017: 1.745)
2. N.D. Banić, B.F. Abramović, J.B. Krstić, D.V. Šojić Merkulov, N.L. Finčur, M.N. Mitrić, Novel WO₃/Fe₃O₄ magnetic photocatalysts: Preparation, characterization and thiacloprid photodegradation, *Journal of Industrial and Engineering Chemistry*, 70 (2019) 264–275. (IF2018: 4.841)
3. M. Lazarević, D. Šojić Merkulov, V. Despotović, A. Djordjević, N. Finčur, N. Banić, B. Abramović, Reaction kinetics of of mesotrione removal catalyzed by TiO₂ in the presence of different electron acceptors, *Reaction Kinetics, Mechanisms and Catalysis*, 127 (2019) 205–217. (IF2017: 1.515)
4. D. Šojić Merkulov, V. Despotović, N. Banić, S. Armaković, N. Finčur, M. Lazarević, D. Četojevic-Simin, D. Orčić, M. Radoičić, Z. Šaponjić, M. Čomor, B. Abramović, Photocatalytic decomposition of selected biologically active compounds in environmental waters using TiO₂/polyaniline nanocomposites: Kinetics, toxicity and intermediates assessment, *Environmental Pollution*, 239 (2018) 457–465. (IF2016: 5.099)
5. T. Ivetić, N. Finčur, B. Miljević, Lj. Đačanin Far, S. Lukić-Petrović, B. Abramović, Indium-zinc-oxide nanocrystallites: preparation, properties and visible-light-generated photocatalytic efficiency in degradation of psychoactive drugs from water systems, *Romanian Journal of Physics*, 63 (2018) Art. No. 608. (IF2016: 1.758)
6. 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. (IF2015: 5.310)
7. D.V. Šojić Merkulov, M.J. Lazarević, V.N. Despotović, N.D. Banić, N.L. Finčur, S.P. Maletić, B.F. Abramović, The effect of inorganic anions and organic matter on mesotrione (Callisto®) removal from environmental waters, *Journal of Serbian Chemical Society*, 82 (2017) 343–355. (IF2015: 0.970)
8. 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. (IF2015: 5.310)
9. T.B. Ivetić, N.L. Finčur, B.F. Abramović, M.R. Dimitrievska, G.R. Štrbac, K.O. Čajko, B.B. Miljević, Lj.R. Đačanin, S.R. Lukić-Petrović, Environmentally friendly photoactive heterojunction zinc tin oxide nanoparticles, *Ceramics International*, 42 (2016) 3575–3583. (IF2015: 2.758)
10. T. Ivetić, N. Finčur, Lj. Đačanin, B. Abramović, S. Lukić-Petrović, Ternary and coupled binary zinc tin oxide nanopowders: Synthesis, characterization, and potential application in photocatalytic processes, *Materials Research Bulletin*, 62 (2015) 114–121. (IF2014: 2.435)
11. S.J. Armaković, S. Armaković, N.L. Finčur, F. Šibul, D. Vione, J.P. Šetrajčić, B.F. Abramović, Influence of electron acceptors on the kinetics of metoprolol photocatalytic degradation in TiO₂ suspension. A combined experimental and theoretical study, *RSC Advances*, 5 (2015) 54589–54604. (IF2014: 3.289)
12. N. Tomić, M. Grujić-Brojčin, N. Finčur, B. Abramović, B. Simović, J. Krstić, B. Matović, M. Šćepanović, Photocatalytic degradation of alprazolam in water suspension of brookite type TiO₂ nanopowders prepared using hydrothermal route, *Materials Chemistry and Physics*, 163 (2015) 518–528. (IF2014: 2.259)
13. B. Abramović, V. Despotović, D. Šojić, N. Finčur, Mechanism of clomazone photocatalytic degradation: hydroxyl radical, electron and hole scavengers, *Reaction Kinetics, Mechanisms and Catalysis*, 115 (2015) 67–79. (IF2015: 1.265)
14. T.B. Ivetić, M.R. Dimitrievska, N.L. Finčur, Lj.R. Đačanin, I.O. Gúth, B.F. Abramović, S.R. Lukić-Petrović, Effect of annealing temperature on structural and optical properties of Mg-doped ZnO nanoparticles and their photocatalytic efficiency in alprazolam degradation, *Ceramics International*, 40 (2014) 1545–1552. (IF2014: 2.605)
15. A. Golubović, N. Tomić, N. Finčur, B. Abramović, I. Veljković, J. Zdravković, M. Grujić-Brojčin, B. Babić, B. Stojadinović, M. Šćepanović, Synthesis of pure and La-doped anatase nanopowders by sol-gel and hydrothermal methods and their efficiency in photocatalytic degradation of alprazolam, *Ceramics International*, 40 (2014) 13409–13418. (IF2014: 2.605)