


Примљено. 03.6.2019.			
ОРГ. ЈЕД.	Б р о ј	Прилог	Бројевост
01	498/5		

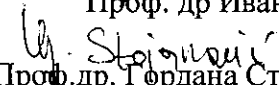
На основу члана 121 Статута ПМФ-а одређени смо одлуком декана бр. 202/2-01 за чланове комисије за категоризацију радова М21А, М21, М22 и М23 пријављених кандидата за избор наставника. На основу приложене документације подносимо следећи извештај

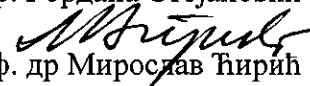
Кандидат	Бр.радова М21А	Бр.радова М21	Бр.радова М22	Бр.радова М23	Укупно поена
Јелена Митровић	1	7	2	18	130

У прилогу се налазе бодовани радови.

У Нишу, 27. мај 2019.


Проф. др Иван Манчев


Проф. др. Гордана Стојановић


Проф. др Мирослав Тирић

Rad u međunarodnom časopisu izuzetnih vrednosti (M21a)

1. Velinov N, Mitrović J, Kostić M, Radović M, Petrović M, Bojić D, Bojić A (2019) Wood residue reuse for a synthesis of lignocellulosic biosorbent: Characterization and application for simultaneous removal of copper (II), reactive blue 19 and cyprodinil from water, *Wood Science and Technology* (10.1007/s00226-019-01093-0)

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Rad u vrhunskom međunarodnom časopisu (M21)

1. Kostić M., Đorđević M., Mitrović J., Velinov N., Bojić D., Antonijević M., Bojić A. (2017) Removal of cationic pollutants from water by xanthated corn cob: optimization, kinetics, thermodynamics, and prediction of purification process, *Environmental Science and Pollution Research*, 24(21), 17790-17804 (10.1007/s11356-017-9419-1)

<https://link.springer.com/article/10.1007/s11356-017-9419-1>

2. Danijela Bojić, Milan Momčilović, Dragan Milenković, Jelena Mitrović, Predrag Banković, Nena Velinov, Goran Nikolić (2017) Characterisation of a low cost *Lagenaria Vulgaris* based carbon for ranitidine removal from aqueous solutions, *Arabian Journal of Chemistry*, 10(7), 956–964 (10.1016/j.arabjc.2014.12)

<https://www.sciencedirect.com/science/article/pii/S1878535214003700>

3. Miloš Kostić, Jelena Mitrović, Miljana Radović, Miloš Đorđević, Milica Petović, Danijela Bojić, Aleksandar Bojić (2016) Effects of power of ultrasound on removal of Cu(II) ions by xanthated *Lagenaria vulgaris* shell, *Ecological Engineering*, 90, 82-86 (10.1016/j.ecoleng.2016.01.063)

<https://www.sciencedirect.com/science/article/abs/pii/S0925857416300635>

4. Maja N. Stanković, Nenad S. Krstić, Jelena Z. Mitrović, Slobodan M. Najdanović, Milica M. Petrović, Danijela V. Bojić, Vladimir D. Dimitrijević, Aleksandar L. Bojić (2016) Biosorption of copper(II) ions by methyl-

sulfonated *Lagenaria vulgaris* shell: kinetic, thermodynamic and desorption studies, *New Journal of Chemistry*, 40, 2126-2134 (10.1039/C5NJ02408K)

<https://pubs.rsc.org/en/content/articlelanding/2016/nj/c5nj02408k#!divAbstract>

5. Milica M. Petrović, Ian J. Slipper, Milan D. Antonijević, Goran S. Nikolić, Jelena Z. Mitrović, Danijela V. Bojić, Aleksandar Lj. Bojić, (2015) Characterization of the Bi_2O_3 coat based anode prepared by galvanostatic electrodeposition and its use for the electrochemical degradation of Reactive Orange 4, *Journal of the Taiwan Institute of Chemical Engineers*, 50, 282-287 (doi.org/10.1016/j.jtice.2014.12.010)

<https://www.sciencedirect.com/science/article/pii/S1876107014004076>

6. Milica M. Petrović, Jelena Z. Mitrović, Milan D. Antonijević, Branko Matović, Danijela V. Bojić, Aleksandar Lj. Bojić (2015) Synthesis and characterization of new $\text{Ti-Bi}_2\text{O}_3$ anode and its use for reactive dye degradation, *Materials Chemistry and Physics*, 158, 31-37 (10.1016/j.matchemphys.2015.03.030)

<https://www.sciencedirect.com/science/article/pii/S0254058415001935>

7. Maja N. Stanković, Nenad S. Krstić, Ian J. Slipper, Jelena Z. Mitrović, Miljana D. Radović, Danijela V. Bojić, Aleksandar Lj. Bojić (2013) Chemically modified *Lagenaria vulgaris* as an biosorbent for the removal of Cu(II) from water, *Australian Journal of Chemistry*, 66 (2), 227-236 (doi.org/10.1071/CH12422)

<http://www.publish.csiro.au/paper/CH12422.htm>

Rad u istaknutom međunarodnom časopisu (M₂₂)

1. Nena Velinov, Slobodan Najdanović, Miljana Radović Vucić, Jelena Mitrović, Miloš Kostić, Danijela Bojić, Aleksandar Bojić (2019) Biosorption of loperamide by lignocellulosic- Al_2O_3 hybrid: optimization, kinetics, isothermal and thermodynamic studies, *Cellulose Chemistry and Technology*, 53(1-2), 175-189

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2. Miloš Kostić, Miljana Radović, Jelena Mitrović, Milan Antonijević, Danijela Bojić, Milica Petrović, Aleksandar Bojić (2014) Using xanthated *Lagenaria vulgaris* shell biosorbent for removal of Pb(II) ions from wastewater, *Journal of the Iranian Chemical Society*, 11 (2), 565-578 (10.1007/s13738-013-0326-1)

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Rad u međunarodnom časopisu (M₂₃)

1. Jelena Mitrović, Miljana Radović Vučić, Miloš Kostić, Nena Velinov, Slobodan Najdanović, Danijela Bojić, Aleksandar Bojić (2019) Sulfate radicals based degradation of the antraquinone textile dye in a plug flow photoreactor, Journal of the Serbian Chemical Society (doi 10.2298/JSCS190313035M)

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2. Velinov N., Mitrović J., Radović M., Petrović M., Kostić M., Bojić D., Bojić A. (2018) New biosorbent based on chemically modified lignocellulosic biomass (*Lagenaria vulgaris*) by Al₂O₃: characterization and application, Environmental Engineering Science, 35(8), 791–803 (10.1089/ees.2017.0263)

<https://www.liebertpub.com/doi/abs/10.1089/ees.2017.0263>

3. S. Najdanović, M. Petrović, J. Sliper, M. Kostić, M. Prekajski, J. Mitrović, A. Bojić (2018) A New Photocatalyst Bismuth Oxo Citrate: Synthesis, Characterization, and Photocatalytic Performance, Water Environment Research 90(8) 719-728 (10.2175/106143017X15131012152924)

4. Marija Vasić, Marjan Ranđelović, Jelena Mitrović, Nikola Stojković, Branko Matović, Aleksandra Zarubica (2017) Decolorization of crystal violet over TiO₂ and TiO₂ doped with zirconia photocatalysts, Hemijska industrija, 71(3), 259-269 (10.2298/HEMIND160521036V)

<https://www.ache-pub.org.rs/index.php/HemInd/article/view/200/pdf>

5. Milos M. Kostic, Ian Slipper, Milan Antonijevic, Jelena Mitrovic, Miljana Radovic, Danijela Bojic, Aleksandar Bojic (2015) Preparation and characterization of xanthated *Lagenaria vulgaris* shell biosorbent, Oxidation Communications, 38(4A) 2173-2188

6. Danijela V. Bojić, Goran S. Nikolić, Jelena Z. Mitrović, Miljana D. Radović, Milica M. Petrović, Dragana Z. Marković, Aleksandar Lj. Bojić (2016) Kinetic, equilibrium and thermodynamic studies of Ni(II) ions sorption on sulfuric acid treated *Lagenaria vulgaris* shell, Chemical Industry and Chemical Engineering Quarterly, 22(3):235-247 (10.2298/CICEQ150318037B)

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7. Radović Miljana D., Mitrović Jelena Z., Kostić Miloš M., Bojić Danijela V., Petrović Milica M., Najdanović Slobodan M., Bojić Aleksandar Lj. (2015) Comparison of ultraviolet radiation/hydrogen peroxide, fenton and photo-fenton processes for the decolorization of reactive dyes, Hemijska industrija, 69(6) 657–665 (10.2298/HEMIND140905088R)

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8. Milica Petrović, Miljana Radović, Miloš Kostić, Jelena Mitrović, Danijela Bojić, Aleksandra Zarubica, Aleksandar Bojić (2015) A novel biosorbent *Lagenaria vulgaris* shell - ZrO_2 for the removal of textile dye from water, *Water Environment Research*, 87(7), 635-643 (10.2175/106143015X14212658614838)

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11. Milica Petrovic, Jelena Mitrović, Miljana Radović, Miloš Kostić, Aleksandar Bojić (2014) Preparation and Characterization of Stainless Steel/ Bi_2O_3 Anode and Its Dyes Degradation Ability, *The Canadian journal of chemical engineering*, 92(6), 1000-1007 (10.1002/cjce.21953)

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13. Milenkovic Dragan D, Milosavljevic Milutin M, Marinkovic Aleksandar D, Djokic Veljko R, Mitrovic Jelena Z, Bojic Aleksandar Lj (2013) Removal of copper(II) ion from aqueous solution by high-porosity activated carbon, *Water SA*, 39 (4), 515-52 (10.4314/wsa.v39i4.10)

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14. Danijela V. Bojić, Marjan S. Ranđelović, Aleksandra R. Zarubica, Jelena Z. Mitrović, Miljana D. Radović, Milovan M. Purenović, Aleksandar Lj. Bojić (2013) Comparison of new biosorbents based on chemically modified *Lagenariavulgaris* shell, *Desalination and Water Treatment*, 51(34-36), 6871–6881 (10.1080/19443994.2013.771287)

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