

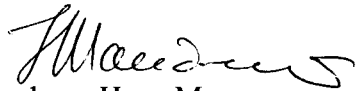
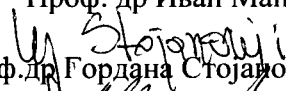

ПРОЦЕНА РАДОВА ЗА ИЗБОР НАСТАВНИКА			
Датум:		09. 5. 2022.	
Бр. радова	Бр. радова	Бр. радова	Бр. радова
01	386	3	

На основу члана 121 Статута ПМФ-а одређени смо одлуком декана бр. 202/2-01 за чланове комисије за категоризацију радова M21A, M21, M22 и M23 пријављених кандидата за избор наставника. На основу приложене документације подносимо следећи извештај

Кандидат	Бр. радова M21A	Бр. радова M21	Бр. радова M22	Бр. радова M23	Укупно поена
Зорица Стојановић Радић	9	15	21	16	353

У прилогу се налазе бодовани радови.

У Нишу, 9. мај 2022.


Проф. др Иван Манчев

Проф. др Гордана Стојановић

Проф. др Мирослав Тирић

Радови објављени у међународним часописима изузетних вредности категорије M21a

1. Genčić M., Aksić J., Živković Stošić M., Randelović P., Stojanović N., **Stojanović-Radić Z.**, Radulović N. Linking the antimicrobial and anti-inflammatory effects of immortelle essential oils with its chemical composition – The interplay between the major and minor constituents. *Food and Chemical Toxicology*, 2021, 112666.
<https://pubmed.ncbi.nlm.nih.gov/34762977/>
2. **Stojanović-Radić, Z.**; Dimitrijević, M.; Genčić, M.; Pejčić, M.; Radulović, N. Anticandidal activity of *Inula helenium* root essential oil: Synergistic potential, anti-virulence efficacy and mechanism of action, *Industrial Crops and Products*, 149, 2020, 112373. doi.org/10.1016/j.indcrop.2020.112373.
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3. Pejčić, M; **Stojanović-Radić, Z.**; Genčić, M.; Dimitrijević, M.; Radulović, N. Anti-virulence potential of basil and sage essential oils: Inhibition of biofilm formation, motility and pyocyanin production of *Pseudomonas aeruginosa* isolates, *Food and Chemical Toxicology*, 141, 2020, 111431. doi.org/10.1016/j.fct.2020.111431
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4. Mitić, Z.S.; Jovanović, B.; Jovanović, S.Č.; **Stojanović-Radić, Z.Z.**; Mihajilov-Krstev, T.; Jovanović, N.M.; Nikolić, B.M.; Marin, D.; Zlatković, B.K.; Stojanović, G. S. Essential oils of *Pinus halepensis* and *P. heldreichii*: Chemical composition, antimicrobial and insect larvicidal activity, *Industrial Crops and Products.*, 2019, 140, 111702.
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5. Salehi, B.; **Stojanović-Radić, Z.**; Matejić, J.; Sharifi-Rad, M.; Anil Kumar, N. V.; Martins, N.; Sharifi-Rad, J. The therapeutic potential of curcumin: A review of clinical trials. *European Journal of Medicinal Chemistry*, 2019, 163, 527–545. 10.1016/j.ejmech.2018.12.016.
<https://www.sciencedirect.com/science/article/abs/pii/S0223523418310535?via%3Dihub>
6. Salehi, B.; Valussi, M.; Jugran, A.K.; Martorell, M.; Ramírez-Alarcón, K.; **Stojanović-Radić, Z.Z.**; Antolak, H.; Kępiel, D.; Mileski, K.S.; Sharifi-Rad, M.; et al. Nepeta species: From farm to food applications and phytotherapy. *Trends in Food Science and Technology*, 2018, 80, 104–122. doi.org/10.1016/j.tifs.2018.07.030.
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7. **Stojanović-Radić, Z.**; Pejčić, M.; Joković, N.; Jokanović, M.; Ivić, M.; Šojić, B.;

Škaljac, S.; Stojanović, P.; Mihajilov- Krstev, T. Inhibition of *Salmonella* Enteritidis growth and storage stability in chicken meat treated with basil and rosemary essential oils alone or in combination. *Food Control*, **2018**, 90, 332–343. doi.org/10.1016/j.foodcont.2018.03.013.

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8. Mitić, Z.S.; Jovanović, B.; Jovanović, S.Č.; Mihajilov-Krstev, T.; **Stojanović-Radić, Z.Z.**; Cvetković, V.J.; Mitrović, T.L.; Marin, P.D.; Zlatković, B.K.; Stojanović, G.S. Comparative study of the essential oils of four *Pinus* species: Chemical composition, antimicrobial and insect larvicidal activity. *Industrial Crops and Products*, **2018**, 111:55-62. doi.org/10.1016/j.indcrop.2017.10.004.

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9. Radulović N., Genčić M., Stojanović N., Randjelović P., **Stojanović-Radić Z.Z.**, Stojiljković N. 2017. Toxic essential oils. Part V: Behaviour modulating and toxic properties of thujones and thujone-containing essential oils of *Salvia officinalis* L., *Artemisia absinthium* L., *Thuja occidentalis* L. and *Tanacetum vulgare* L. *Food and Chemical Toxicology*, 105:355-369. doi.org/10.1016/j.fct.2017.04.044

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Радови објављени у врхунским међународним часописима категорије M21 (8 поена)

1. Radulović N., Dekić M., **Stojanović-Radić Z.** 2011. A new antimicrobial glucosinolate autolysis product, 4-isothiocyanatobutanoic acid, from the diffuse wallflower (*Erysimum diffusum*): Methyl 4-isothiocyanatobutanoate, a long unrecognized artifact of the isolation procedure? *Food chemistry*, 129(1): 125-130.

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2. Radulović N., Djordjević N., **Stojanović-Radić Z.** 2011. Volatiles of the Balkan endemic *Daucus guttatus* ssp *zahariadii* and cultivated and wild-growing *D. carota* - A comparison study. *Food chemistry*, 125(1): 35-43.

M₂₁ IF: 4,268

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3. Radulović N., Dekić M., Randelović P., Stojanović, N., Zarubica, A., **Stojanović-Radić Z.** 2012. Toxic essential oils: Anxiolytic, antinociceptive and antimicrobial properties of the yarrow *Achillea umbellata* Sibth. et Sm. (Asteraceae) volatiles. *Food and Chemical Toxicology*, 50(6): 2016-2026.

M₂₁ IF: 2,999

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4. Dekić M.S., Radulović N.S., Stojanović N.M., Randjelović P.J., **Stojanović-Radić Z.Z.**, Najman S., Stojanović S. 2017. Spasmolytic, antimicrobial and cytotoxic activities of 5-phenylpentyl isothiocyanate, a new glucosinolate autolysis product from horseradish (*Armoracia rusticana* P. Gaertn., B. Mey. & Scherb., Brassicaceae). *Food Chemistry*, 232(1): 329-339. DOI: 10.1016/j.foodchem.2017.03.150.

M_{21a} IF: 4,232

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5. Stanković M.S., **Stojanović-Radić Z.Z.**, Blanco-Salas J., Vázquez-Pardo F.M., Ruiz-Téllez T. 2017. Screening of selected species from Spanish flora as a source of bioactive substances, *Industrial Crops and Products*, 95:493-501. DOI: 10.1016/j.indcrop.2016.09.070

M_{21a} IF: 3,554

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6. Bugarčić Z.M., Divac V.M., Kostić M.D., Janković N.Ž., Heinemann F.W., Radulović N.S., Stojanović-Radić Z.Z. 2015. Synthesis, crystal and solution structures and antimicrobial screening of palladium(II) complexes with 2-(phenylselanylmethyl)oxolane and 2-(phenylselanylmethyl)oxane as ligands. *Journal of Inorganic Biochemistry*, 143:9-19. DOI: 10.1016/j.jinorgbio.2014.11.002

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7. Radulović, N., Blagojević, P., Stojanović-Radić, Z., Stojanović, N. 2013. Antimicrobial Plant Metabolites: Structural Diversity and Mechanism of Action. *Current Medicinal Chemistry*, 20(7): 932-952.

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8. Radulović, N., Mladenović, M., Blagojević, P., Stojanović-Radić, Z., Ilić-Tomić, T., Senerović, L., Nikodinović-Runić, J. 2013. Toxic essential oils. Part III: Identification and biological activity of new allylmethoxyphenyl esters from a Chamomile species (*Anthemis segetalis* Ten.). *Food and Chemical Toxicology*, 62: 554–565. **M₂₁ IF: 3,440**

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9. Radulović, N., Randelović, P., Stojanović, N., Blagojević, P., Stojanović-Radić, Z., Ilić, I., Đorđević, V. 2013. Toxic essential oils. Part II: Chemical, toxicological, pharmacological and microbiological profiles of *Artemisia annua* L. volatiles. *Food and Chemical Toxicology*, 58:37-49.

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10. Radulović, N., Denić, M., Stojanović-Radić, Z. 2014. Synthesis of Small Combinatorial Libraries of Natural Products: Identification and Quantification of New Long-chain 3-Methyl-2-alkanones from the Root Essential Oil of *Inula helenium* L. (Asteraceae). *Phytochemical Analysis*, 25(1): 75-80. **M21**
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11. Radulović, N. S.; Nikolić, M.G.; Mladenović, M.Z.; Randelović, P.; Stojanović, N.M.; **Stojanović-Radić, Z.**; Jovanović, Lj.. Antispasmodic and antimicrobial activities of pyrazole-containing ferrocenyl alkanols versus their phenyl analogs, and the entry point to potential multitarget treatment for inflammatory bowel diseases, *Applied Organometallic Chemistry*, 2022, 36(2), e6514.

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12. Benedeković, G.; Popsavin, M.; Radulović, Niko S.; **Stojanović-Radić, Z.**; Farkas, S.; Francuz, J.; Popsavin, V. Synthesis and antimicrobial activity of (–)-cleistenolide and analogues, *Bioorganic Chemistry*, 2021, 106, 104491. doi.org/10.1016/j.bioorg.2020.104491.

<https://www.sciencedirect.com/science/article/abs/pii/S0045206820317892?via%3Dihub>

13. Bojanović, M., Ignjatović, A., Stalević, M., Arsić-Arsenijević, V., Randelović, M., Gerginić, V., **Stojanović-Radić, Z.**, Stojković, O., Živković-Marinkov, E., Otašević, S. 2022. Clinical presentations, cluster analysis and laboratory-based investigation of *Aspergillus* otomycosis—a single centre experience. *Journal of Fungi*, 8:315.

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14. Salehi, B.; **Stojanović-Radić, Z.**; Matejić, J.; Sharopov, F.; Antolak, H.; Kręgiel, D.; Sen, S.; Sharifi-Rad, M.; Acharya, K.; Sharifi-Rad, R.; et al. Plants of genus *Mentha*: From farm to food factory. *Plants* 2018, 7. doi.org/10.3390/plants7030070.

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15. Salehi, B.; Del Prado-Audelo, M.L.; Cortés, H.; Leyva-Gómez, G.; **Stojanović-Radić, Z.**; Singh, Y.D.; Patra, J.K.; Das, G.; Martins, N.; Martorell, M.; Sharifi-Rad, M.; Cho, W.C.; Sharifi-Rad, J. Therapeutic Applications of Curcumin Nanomedicine Formulations in Cardiovascular Diseases. *Journal of Clinical Medicine*, 2020, 9, 746. <https://doi.org/10.3390/jcm9030746>.

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Радови у истакнутим међународним часописима категорије M22

1. Radulović N., Denić M., **Stojanović-Radić Z.** 2010. Antimicrobial phenolic abietane diterpene from *Lycopus europaeus* L. (Lamiaceae). *Bioorganic & Medicinal chemistry letters*, 20(17): 4988-4991 **M22 IF: 2,661**

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2. Radulović N., Dekić M., **Stojanović-Radić Z.**, Zoranić S. 2010. *Geranium macrorrhizum* L. (Geraniaceae) essential oil: A potent agent against *Bacillus subtilis*. *Chemistry & Biodiversity*, 7(11): 2783-2800 **M22 IF: 1,856**

3. **Stojanović-Radić Z.**, Čomić Lj., Radulović N., Blagojević P., Miltojević A., Denić M., Rajković J., Mihajilov-Krstev T. 2012. Antistaphylococcal activity of *Inula helenium* L. root essential oil: eudesmane sesquiterpene lactones induce cell membrane damage. *European Journal of Clinical Microbiology and Infectious Diseases*, 31(6): 1015-1025.

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4. Radulović N., Denić M., Stojanović-Radić Z., Skropeta D. 2012. Fatty and volatile oils of the gypsywort *Lycopus europaeus* L. and the Gaussian-like distribution of its wax alkanes. *Journal of American Oil Chemists Society*, 89: 2165–2185. **M22 IF: 1,773**

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5. **Stojanović-Radić Z.**, Čomić Lj., Radulović N., Blagojević P., Miltojević A., Mihajilov-Krstev T., Rajković, J. 2012. Commercial *Carlinae radix* herbal drug: Botanical identity, chemical composition and antimicrobial properties. *Pharmaceutical Biology*, 50(8): 933-940.

M22 IF: 1,465

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6. Dekić M.S., Radulović N.S., Randelović V.N., **Stojanović-Radić Z.Z.**, Veljković B.P. 2015. Essential Oils and Diethyl Ether Extracts of Serbian *Xeranthemum cylindraceum* and *X. annuum*: Chemical Composition, Antimicrobial Activity, and Chemotaxonomic Implications. *Chemistry & Biodiversity*, 12: 1378–1397. **M22 IF: 1,735**

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7.Šarac Z., Matejić J.S., **Stojanović-Radić Z.Z.**, Veselinović J.B., Džamić A.M., Bojović S., Marin P.D. 2014. Biological activity of *Pinus nigra* terpenes - Evaluation of FtsZ inhibition by selected compounds as contribution to their antimicrobial activity. *Computers in Biology and Medicine*, **54**:72-78.

M₂₂ IF: 1,683

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8.Radulović N.S., Mladenović M.Z., **Stojanović-Radić Z.Z.** 2014. Synthesis of small libraries of natural products: New esters of long-chain alcohols from the essential oil of *Scandix pecten-veneris* L. (Apiaceae), *Flavour & Fragrance Journal*, **29**: 255–266.

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9.Radulović, N. S., Zlatković, D., Dekić, M., **Stojanović-Radić, Z.** 2014. Further Antibacterial *Geranium macrorrhizum* L. Metabolites and Synthesis of Epoxygermacrones. *Chemistry & Biodiversity*, **11**: 542–550.

M₂₂ IF: 1,735

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10.Radulović, N., Mladenović, M., Stojanović-Radić, Z., Bogdanović, G., Stevanović, D., Vukićević R. 2014. Synthesis, characterization, and antimicrobial evaluation of a small library of ferrocene-containing acetoacetates and phenyl analogs: the discovery of a potent anticandidal agent. *Molecular Diversity*, **18**(3):497-510.

M₂₂ IF: 2,117

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11.Stojanovic J.P., Stojanovic G.S., **Stojanović-Radić Z.Z.**, Zlatkovic B.K., Ickovski J.D., Zlatanovic I.G., Jovanovic S.C., Mitic Z.S. Essential Oils of Six *Achillea* Species: Chemical Profiles, Antimicrobial Potential and Toxicity toward Crustaceans, *Chemistry & Biodiversity*, **2022**, **19**, e202100905, DOI: 10.1002/cbdv.202100905.

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12.Mitić Z.S., **Stojanović-Radić Z.**, Cvetković V.J., Jovanović S.Č., Dimitrijević M., Ickovski J.D., Jovanović N., Mihajilov-Krstev T., Stojanović G.S.. *Pseudotsuga menziesii* (Pinaceae): Volatile profiles, antimicrobial activity and toxicological evaluation

of its essential oil. *Chemistry & Biodiversity*, **2021**, *18*, e2100424.

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13. Filipović, G.; Stevanović, M. D.; **Stojanović-Radić, Z.**; Obradović, R.; Randjelović, P. J.; Radulović, N. S. Choosing the Right Essential Oil for a Mouthwash: Chemical, Antimicrobial and Cytotoxic Studies. *Chemistry & Biodiversity*, **2020**, *17*, e2000748. doi.org/10.1002/cbdv.202000748.

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14. Sharifi-Rad, J.; Rodrigues, C.F.; **Stojanović-Radić, Z.**; Dimitrijević, M.; Aleksić, A.; Neffe-Skocińska, K.; Zielińska, D.; Kołożyn-Krajewska, D.; Salehi, B.; Milton Prabu, S.; Schutz, F.; Docea, A.O.; Martins, N.; Calina, D. Probiotics: Versatile Bioactive Components in Promoting Human Health. *Medicina* **2020**, *56*, 433. doi.org/10.3390/medicina5609043.

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16. Madić, V.; **Stojanović-Radić, Z.**; Jušković, M.; Jugović, D.; Žabar Popović, A.; Vasiljević, P. Genotoxic and antigenotoxic potential of herbal mixture and five medicinal plants used in ethnopharmacology, *South African Journal of Botany*, *125*, **2019**, 290-297. doi.org/10.1016/j.sajb.2019.07.043.

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17. Ristić, M.N.; Radulović, N.S.; Dekić, B.R.; Dekić, V.S.; Ristić, N.R.; **Stojanović-Radić, Z.** Synthesis and Spectral Characterization of Asymmetric Azines Containing a Coumarin Moiety: The Discovery of New Antimicrobial and Antioxidant Agents. *Chemistry & Biodiversity*. **2019**, *16*. doi.org/10.1002/cbdv.201800486.

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19. Stojanović P.; Kocić, B.; Stojanović N.; Radulović, N.; **Stojanović-Radić Z.**; Stanković-Đorđević, D. Community-acquired *Clostridium difficile* infection in Serbian pediatric population. *European Journal of Clinical Microbiology and Infectious Diseases*, **2018**, *37*, 1061–1069.

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20. Radulović, N.S.; Stojanović, N.M.; Glišić, B.; Randjelović, P.J.; **Stojanović-Radić, Z.Z.**; Mitić, K. V.; Nikolić, M.G.; Djuran, M.I. Water-soluble gold(III) complexes with N-donor ligands as potential immunomodulatory and antibiofilm agents. *Polyhedron*, **2018**, 141, 164–180. doi.org/10.1016/j.poly.2017.11.044.

<https://www.sciencedirect.com/science/article/abs/pii/S0277538717307726?via%3Dihub>

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<https://jidc.org/index.php/journal/article/view/27367014>

Радови објављени у часописима међународног значаја, M23 (3 поена)

1. Mihajlov-Krstev T., Radnović D., Kitić D., **Stojanović-Radić Z.**, Zlatković B. 2009. Antimicrobial activity of *Satureja hortensis* L. essential oil against pathogenic microbial strains. *Biotechnology & Biotechnological equipment*. 23(4): 1492-1496.

M23 IF: 0,291

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2. Radulović, Niko S., Dekić, Milan S., **Stojanović-Radić, Zorica Z.**, Palić, Radosav M. 2009. Volatile constituents of *Erodium cicutarium* (L.) L' Herit. (Geraniaceae). *Central European Journal of Biology*, 4(3): 404-410.

M23 IF: 0,915

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3. Dimitrijević, D., **Stojanović-Radić, Z.**, Stanković, M., Randelović, V., Lakušić, D. 2010. Antimicrobial activity, total phenol and flavonoid contents of *Jovibarba heuffelii* (Schott.) A Löve & D. Löve extracts. *Biotechnology & Biotechnological Equipment*, 2010, Special Edition (24): 465-468.

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4. **Stojanović-Radić Z.**, Čomić Lj., Radulović N., Dekić M., Randjelović V., Stefanović O. 2010. Chemical composition and antimicrobial activity of *Erodium* species: *E. ciconium* L., *E. cicutarium* L. and *E. absinthioides* Willd.

(Geraniaceae). *Chemical papers*, 64(3): 368-377.

M₂₃ IF: 0,754

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5. Radulović N., Dekić M., **Stojanović-Radić Z.**, Palić R. 2011. Chemical composition and antimicrobial activity of the essential oils of *Geranium columbinum* L. and *G. lucidum* L. (Geraniaceae). *Turkish journal of chemistry*, 35(3): 499-512.

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