

**PERSONAL INFORMATION**

Zorica Stojanović-Radić



📍 67/8, Bulevar Nemanjića, Niš, 18000, Serbia  
 📞 063/1045943  
 ✉ [zstojanovic@pmf.ni.ac.rs](mailto:zstojanovic@pmf.ni.ac.rs)  
[zstojanovicradic@yahoo.com](mailto:zstojanovicradic@yahoo.com)

Sex: female  
 Date of birth: 15/7/1981  
 Nationality: Serbian

**WORK EXPERIENCE**

- 2020- **Guest Professor**  
 Teaching subjects: Microbiology and experimental techniques, Environmental microbiology, Developmental biology, Molecular biology  
 Hunan Agricultural University  
 China
- 2017- **Associate Professor**  
 Teaching subjects: Medical Microbiology, Methodology of Scientific Research, Microbial Physiology and Metabolism, Pathogenic Microorganisms  
 Department of Biology and Ecology  
 Faculty of Science and Mathematics  
 University of Niš  
 Serbia
- 2013-2017 **Assistant Professor**  
 Teaching subjects: Medical Microbiology, General Microbiology, Algology and Mycology, Methodology of Scientific Research, Microbial Physiology and Metabolism, Microbial Ecology and Biotechnology  
 Department of Biology and Ecology  
 Faculty of Science and Mathematics  
 University of Niš  
 Serbia
- 2010-2013 **Teaching Assistant**  
 Teaching subjects: General Microbiology, Algology and Mycology, Methodology of Scientific Research at the Department of Biology and Ecology, Faculty of Science and Mathematics, University of Niš  
 Department of Biology and Ecology  
 Faculty of Science and Mathematics  
 University of Niš  
 Serbia
- 2007-2010 **Biology teacher** in class for students with special ability in physics  
 High School "Светозар Марковић" Niš, Serbia

2005-2010 **Teaching Associate,**  
 Teaching subjects: Morphology and systematics of invertebrates, Animal ecology with zoogeography, Methodology of biology teaching, general microbiology, General animal physiology, Comparative animal physiology, Biochemistry, Algology, mycology and lichenology  
 Department of Biology and Ecology  
 Faculty of Science and Mathematics  
 University of Niš  
 Serbia

## EDUCATION AND TRAINING

2007-2012 Ph.D. in Biology (Microbiology), Faculty of Science, University of Kragujevac  
 PhD Research (Dissertation Topic): Biological Activities of the Selected Essential Oils from Asteraceae family and Mechanisms of Their Antimicrobial Action

2000-2004 M.Sc. in Biological Sciences, Faculty of Science and Mathematics, University of Niš

1996-2000 Medical High School in Zaječar

## PERSONAL SKILLS

Mother tongue(s) serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

## ADDITIONAL SKILLS, COMPETENCES AND ACTIVITIES

- Editor of the journal “Biologica Nyssana”, published by Department of Biology and Ecology, Faculty of Science and Mathematics, University of Niš
- Member of the Accreditation Commission at the Department of Biology and Ecology, Faculty of Science and Mathematics, University of Niš. Responsibility in this Commission was preparing the documentation and curriculums of all subjects for the first accreditation of the current PhD studies in biology.
- Participant of the project financed by Ministry of Education, Science and Technology, Serbia (1/2011 – present – researcher, project administrator): Combinatorial libraries of heterogeneous catalysts, natural products, modified natural products and their analogues: way to biologically active agents (Project leader: prof. dr. Niko Radulović)
- Reviewer of many scientific papers (Journals at the SCI list of publications)
- Participated in the organization and realization of the Symposium on flora of the Southeast Serbia and Neighbouring Regions (2010, 2013, 2016, 2019);
- Participated at the Festival of Science „Nauk nije bauk“, Niš, 2010, 2011, 2012, 2013;
- Realization of 25 MSc Theses as a mentor
- Current mentor of five PhD theses
- Invited speaker at CPhI Worldwide 2019 (05-07. 11.2019.), Natural Extracts Stage, Frankfurt, Germany
- Certificate in EMI (English as a medium of instruction) course

**JOB-RELATED AND DIGITAL SKILLS**

Research experience:

- Working with cell cultures *in vitro* (toxicology of natural and/or synthetic compounds; biology and ecology of microorganisms).
- Antimicrobial activity of different plant secondary metabolites (PSM)
- Antifungal activity of PSM
- Isolation of the active principles of PSM
- Mechanism of selected PSM on bacterial membranes
- Anti-virulence mechanisms of antimicrobial action
- Bacterial biofilms (genera *Pseudomonas*, *Staphylococcus*, *Escherichia*, *Candida*) and their susceptibility to selected PSM and synthesized/isolated individual compounds
- Food pathogens and PSM as potential food spoilage preventing ingredients (*Bacillus cereus*, *Listeria monocytogenes*, *Salmonella enterica*..)
- Mode of antimicrobial/antifungal action

Digital skills:

- Good computer expertise with MS Office tools (Word, Excel, Power Point, etc.)
- Good command of web research tools (SciFinder, Scopus)
- Good command in biology related statistical programs (XLSTAT plug in for Excell, GraphPad Prism)

Driving licence B

**List of publications**
**Publications in international SCI-journals with peer review:**

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.
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.
3. 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 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 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.
6. **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.
7. 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
8. 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.
9. 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.
10. Radulović N., Dekić M., **Stojanović-Radić Z.** 2011. Chemical composition and antimicrobial activity of the volatile oils of *Geranium sanguineum* L. and *G. robertianum* L. (Geraniaceae), *Medicinal Chemistry Research*, 21(5): 601-615.

11. Dekić V., Radulović N., Vukićević R., Dekić B., **Stojanović-Radić Z.**, Palić R. 2011. Influence of the aryl substituent identity in 4-arylamino-3-nitrocoumarins on their antimicrobial activity. *African Journal of Pharmacy and Pharmacology*, 5(3): 371-375.
12. 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.
13. **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.
14. 89: 2165–2185.
15. **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.
16. Radulović N., Dekić M., **Stojanović-Radić Z.** 2012. Antimicrobial volatile glucosinolate autolysis products from *Hornungia petraea* (L.) Rchb. (Brassicaceae). *Phytochemistry letters*, 5(2): 351-357.
17. Dimitrijević D., Stanković M., Stojanović-Radić Z., Randelović R., Lakušić D. 2012. Antioxidant and antimicrobial activity of different extracts from leaves and roots of *Jovibarba heuffelii* (Schott.) A. Löve and D. Löve. *Journal of Medicinal Plants Research*, 6(33): 4804-4810.
18. Radulović N.S., Stojković M.B., Mitić S.S., Randjelović P.J., Ilić I.R., Stojanović N.M., Stojanović-Radić Z.Z. 2012. Exploitation of the antioxidant potential of *Geranium macrorrhizum* (Geraniaceae): hepatoprotective and antimicrobial activities. *Natural Product Communications*, 7(12):1609-14.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. Mihajilov-Krstev T., Radnović D., Kitić D., Jovanović V., Mitić V., **Stojanović-Radić Z.**, Zlatković B. 2014. Chemical composition, antimicrobial, antioxidative and anticholinesterase activity of *Satureja Montana* L. ssp *montana* essential oil. *Central European Journal of Biology*, 9(7):668-677.
28. 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
29. Henderson G., Cox F., Ganesh S., Jonker A., Young W., Global Rumen Census Collaborators (..**Stojanović-Radić Z.**..), Janssen P.H. 2015. Rumen Microbial Community composition varies with diet and host, but a core microbiome is found across a wide geographical range. *Scientific Reports*, 5: 14567.
30. 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.

31. Radulović N., **Stojanović-Radić Z.**, Stojanović P., Stojanović N., Dekić V., Dekić B. 2015. A small library of 4-(alkylamino)-3-nitrocoumarin derivatives with potent antimicrobial activity against gastrointestinal pathogens. *Journal of the Serbian Chemical Society*, 80(3): 315-327.
32. Sharifi-Rad J., Mnayer D., Tabanelli G., **Stojanović-Radić Z.Z.**, Sharifi-Rad M., Yousaf Z., Vallone L., Setzer W.N., Iriti M. 2016. Plants of the genus *Allium* as antibacterial agents: From tradition to pharmacy. *Cellular and Molecular Biology*, 62(9):57-68.
33. **Stojanović-Radić Z.Z.**, Pejčić M., Stojanović N., Sharifi-Rad J., Stanković N. 2016. Potential of *Ocimum basilicum* L. and *Salvia officinalis* L. essential oils against biofilms of *Pseudomonas aeruginosa* clinical isolates. *Cellular and Molecular Biology*, 62(9):27-33.
34. Stojanović P., Stojanović N., **Stojanović-Radić Z.Z.**, Arsić Arsenijević V., Otašević S., Randjelović P., Radulović N. 2017. Surveillance and characterization of *Candida* bloodstream infections in a Serbian tertiary care hospital. *The Journal of Infection in Developing Countries* 10(06): 643-656.
35. 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
36. 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.
37. 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.
38. 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. 2018. Comparative study of the essential oils of four *Pinus* species: Chemical composition, antimicrobial and insect larvicidal activity. *Industrial Crops and Products*, 111: 55-62.
39. Radulović, N.S., Stojanović, N.M., Glišić, B., Randjelović, P.J., **Stojanović-Radić, Z.Z.**, Mitić, K. V., Nikolić, M.G., Djuran, M.I. 2018. Water-soluble gold(III) complexes with N-donor ligands as potential immunomodulatory and antibiofilm agents. *Polyhedron*, 141: 164-180.
40. 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*, 37: 1061-1069.
41. **Stojanović-Radić, Z.**, Pejčić, M., Joković, N., Jokanović, M., Ivić, M., Šojić, B., Škaljac, S., Stojanović, P., Mihajilov-Krstev, T. 2018. Inhibition of *Salmonella* Enteritidis growth and storage stability in chicken meat treated with basil and rosemary essential oils alone or in combination. *Food Control*, 90: 332-343.
42. Matejić, J.S., **Stojanović-Radić, Z.Z.**, Ristić, M.S., Veselinović, J.B., Zlatković, B.K., Marin, P.D., Džamić, A.M. 2018. Chemical characterization, in vitro biological activity of essential oils and extracts of three *Eryngium* L. species and molecular docking of selected major compounds. *Journal of Food Science and Technology*, 55: 2910-2925.
43. Salehi, B., Valussi, M., Jugran, A.K., Martorell, M., Ramírez-Alarcón, K., **Stojanović-Radić, Z.Z.**, Antolak, H., Kręgiel, D., Mileski, K.S., Sharifi-Rad, M., et al. *Nepeta* species: From farm to food applications and phytotherapy. *Trends in Food Science and Technology*, 80: 104-122.
44. 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.
45. Ristić, M.N., Radulović, N.S., Dekić, B.R., Dekić, V.S., Ristić, N.R., **Stojanović-Radić, Z.** 2019. Synthesis and Spectral Characterization of Asymmetric Azines Containing a Coumarin Moiety: The Discovery of New Antimicrobial and Antioxidant Agents. *Chemistry and Biodiversity*, 16: e1800486.
46. Salehi, B., **Stojanović-Radić, Z.**, Matejić, J., Sharifi-Rad, M., Anil Kumar, N. V., Martins, N., Sharifi-Rad, J. 2019. The therapeutic potential of curcumin: A review of clinical trials. *European Journal of Medicinal Chemistry*, 163: 527-545.
47. Stojanovic-Radic, Z., Pejčić, M., Dimitrijevic, M., Aleksic, A., Kumar, N.A., Salehi, B., Cho, W.C., Sharifi-Rad, J. 2019. Piperine-A major principle of black pepper: A review of its bioactivity and studies. *Applied Sciences-Basel*. 9(20).
48. Salehi B., Heravi R.E., Eydian Z., Stojanovic-Radić Z., Martorell M., Iriti M., Sharifi-Rad J. 2020. Herbal remedies as alternative to conventional therapies for the treatment of pediatric infectious diseases. *Cellular and Molecular Biology*, 66 (4): 45-53.

49. Pejčić M., Stojanović-Radić Z., Genčić M., Dimitrijević M., Radulović N. 2020. 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: 111431.
50. Salehi B., Dimitrijevic M. Aleksic A., Neffe-Skocinska K., Zielinska D., Kolozyn-Krajewska D., Sharifi-Rad J., **Stojanovic-Radic Z.Z.**, Prabu S., Milton Rodrigues C.F., Martins N. 2020. Human microbiome and homeostasis: insights into the key role of prebiotics, probiotics, and symbiotics. *Critical Reviews in Food Science and Nutrition*, DOI 10.1080/10408398.2020.1760202.
51. Stojanovic-Radic Z.Z., Dimitrijevic M., Gencic M.S., Pejdic M., Radulovic N.S. 2020. Anticandidal activity of *Inula helenium* root essential oil: Synergistic potential, anti-virulence efficacy and mechanism of action. *Industrial Crops and Products*, 149: 112373.
52. Salehi B., Del Prado-Audelo M.L., Cortes H., Leyva-Gomez G., Stojanovic-Radic Z.Z., Singh Y.D., Patra Jayanta K., Das G., Martins N., Martorell M., Sharifi-Rad M., Cho W.C., Sharifi-Rad J. 2020. Therapeutic Applications of Curcumin Nanomedicine Formulations in Cardiovascular Diseases. *Journal of Clinical Medicine*, 9(3): 10.3390/jcm9030746.
53. Stojanovic-Radic Z.Z., Pejdic M., Dimitrijevic M., Aleksic A., Kumar N.A.V., Salehi B., Cho W.C., Sharifi-Rad J. 2019. Piperine-A Major Principle of Black Pepper: A Review of Its Bioactivity and Studies. *Applied Sciences-Basel*, 9(20): 10.3390/app9204270.
54. Mitić Z.S., Jovanovic B., Jovanovic S.C., Stojanovic-Radic Z.Z., Mihajilov-Krstev T.M., Jovanovic N.M., Nikolic B.M., Marin P.D., Zlatkovic B.K., Stojanovic G.S. 2019. Essential oils of *Pinus halepensis* and *P. heldreichii*: Chemical composition, antimicrobial and insect larvicidal activity. *Industrial Crops and Products*, 140:111702.
55. Madić V.P., Stojanovic-Radic Z.Z., Juskovic M., Jugovic D., Zabar-Popovic A., Vasiljevic P.J. 2019. Genotoxic and antigenotoxic potential of herbal mixture and five medicinal plants used in ethnopharmacology. *European Journal of Medicinal Chemistry*, 163: 527-545.
- 56.

#### International and national conferences:

1. Pejčić M., **Stojanović-Radić Z.**, Stojanović N., Stanković N., Radulović N.S. Antibiofilm potential of *Ocimum basilicum* and *Salvia officinalis* commercial essential oils. Book of abstracts, 12<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Kopaonik, Jun 16-19, 2016, str. 89.
2. **Stojanović-Radić Z.**, Matejić J., Stojanović J., Džamić A.M., Radulović N.S. Interference of the ordinarily used solvents in the outcome of plant extract's antimicrobial testing. Book of abstracts, 12<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Kopaonik, Jun 16-19, 2016, str. 90.
3. Đorđević M., Radulović N.S., Stojanović N., **Stojanović-Radić Z.** Chemical composition of the essential oil of *Heracleum sphondylium* L. (Apiaceae) from the settings of the city of Niš (SE Serbia). Book of abstracts, 12<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Kopaonik, Jun 16-19, 2016, str. 121.
4. **Stojanović-Radić Z.**, Pejčić M., Ničić S., Ristić J., Mihajilov-Krstev T. Efficacy of *Ocimum basilicum* L. and *Rosmarinus officinalis* L. essential oils against the growth of *Salmonella enterica* subsp. enteritidis in meat. Book of abstracts, 12<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Kopaonik, Jun 16-19, 2016, str. 123.
5. **Stojanović-Radić Z.**, Stanković M.S., Salas J.B., Vázquez F.M., Téllez T.R. Biological activity of *Mentha spicata* L. (Lamiaceae) plant extract. Book of abstracts, 12<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Kopaonik, Jun 16-19, 2016, str. 126.
6. Matejić J.S., Džamić A., **Stojanović-Radić Z.**, Zlatković B., Marin P.D. Antimicrobial activity of the essential oil of *Eryngium palmatum* from Serbia. Book of abstracts, 2<sup>nd</sup> International Conference on Natural Product Utilization: From Plants to Pharmacy Shelf, Plovdiv-Bulgaria, 14-17 October, 2015. PP.130.
7. Mihajilov-Krstev T., **Stojanović-Radić Z.**, Čučak D., Jović J., Joković N., Matejić J., Radnović D. A new method for reducing the risk of salmonellosis by inactivation of *Salmonella enteritidis* on shell egg surface. Final Program and Book of Abstracts, International Symposium: Natural products and Drug Discovery-Future Perspectives, Vienna-Austria, 13-14 November, 2014, PP 26.
8. Dekić M.S., Radulović N.S., Randjelović P.J., Stojanović N.M., **Stojanović-Radić Z.Z.** Spasmolytic and antimicrobial activity of 5-phenylpentyl isothiocyanate, a new glucosinolate autolysis product from horseradish

- (*Armoracia rusticana* P. Gaertn., B. Mey. & Scherb., Brassicaceae). Natural volatiles & Essential Oils, 45th ISEO Abstracts, Istanbul, 7-10 September, 2014. PP. 121.
9. Radulović N.S., Zlatković D., Dekić M., **Stojanović-Radić Z.** 2014. Further Antibacterial *Geranium macrorrhizum* L. essential oil constituents and the Synthesis of Epoxygermacrones. Natural volatiles & Essential Oils, 45th ISEO Abstracts, Istanbul, 7-10 September, 2014. PP. 122.
  10. Blagojević P., Radulović N., Mladenović M., **Stojanović-Radić Z.Z.**, Ilić-Tomić T., Senerović L., Nikodinović-Runić J. Identification and biological activity of allylmetoxyphenyl esters from *Anthemis segetalis* Ten. (Asteraceae) essential oil. Natural volatiles & Essential Oils, 45th ISEO Abstracts, Istanbul, 7-10 September, 2014. PP. 163.
  11. **Stojanović-Radić Z.Z.**, Radulović N., Živković M. Efficacy of parsley and celery essential oils against the growth of *Bacillus cereus* in commercial chicken soup. Natural volatiles & Essential Oils, 45th ISEO Abstracts, Istanbul, 7-10 September, 2014. PP. 207.
  12. Radulović N., **Stojanović-Radić Z.Z.**, Stojanović N., Đorđević M. Antimicrobial activity of the essential oil of *Heraclium sphondylium* L. (Apiaceae): synergistic interactions of individual constituents, cell membrane damaging and antibiofilm activities. Natural volatiles & Essential Oils, 45th ISEO Abstracts, Istanbul, 7-10 September, 2014. PP. 208.
  13. Stojanović N.M., Radulović N., Denić M., Randjelović P., **Stojanović-Radić Z.Z.** Toxicity of thujone and thujone containing medicinal plants? The case of *Salvia officinalis*, *Artemisia absinthium*, *Thuja occidentalis* and *Tanacetum vulgare* essential oils. Natural volatiles & Essential Oils, 45th ISEO Abstracts, Istanbul, 7-10 September, 2014. YSL-03.
  14. Radulović, N., Mladenović, M., **Stojanović-Radić, Z.**, Stevanović, D., Vukićević, R., Sinteza, karakterizacija i antimikrobna aktivnost male biblioteka acetoacetata koji sadrže ferocen i njihovih fenil analoga - novi antikandidalni agensi, 51. Savetovanje srpskog hemijskog društva, Srpsko hemijsko društvo, pp. 91 - 91, ISSN: 978-86-7132-054-2, Srbija, 5. - 7. Jun, 2014.
  15. Dekić, V., Radulović, N., Stojanović, P., **Stojanović-Radić, Z.**, Dekić B., Stojanović, N., Biblioteka 4-alkilamino-3-nitrokumarina sa jakom antimikrobnom aktivnošću protiv gastrointestinalnih patogena, 51. Savetovanje srpskog hemijskog društva, Srpsko hemijsko društvo, pp. 110 - 110, ISSN: 978-86-7132-054-2, udc: , doi: , Srbija, 5. - 7. Jun, 2014.
  16. Jović J., **Stojanović-Radić Z.**, Zlatković B., Radnović D., Matejić J., Mihajilov-Krstev T. Antimicrobial activity of Absinthii herba essential oils. Book of abstracts, 11<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Kopaonik, Jun 13-16, 2013, str. 94.
  17. Jović J., Žabar A., Čomić Lj., Mihajilov-Krstev T., **Stojanović-Radić, Z.**, Vasiljević, P. Biological activity of Inulae radix water decoction and extracts. Book of abstracts, 11<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Kopaonik, Jun 13-16, 2013, str. 95.
  18. Matejić J.S., Stanković N., Čirić J., Kostić M., Rajković J., **Stojanović-Radić Z.**, Mihajilov-Krstev T., Joković N. Fermentation of meadow honey with probiotic bacteria. Book of Abstracts of International Conference on Natural Products Utilization: From Plant to Pharmacy Shelf, Bansko-Bulgaria, 3-6 November, 2013, str.170.
  19. Dekić, M. Zlatković, D., Radulović, N., Stojanović-Radić, Z. Epoksidi germakrona iz biljne vrste *Geranium macrorrhizum* L: izolovanje, sinteza, spektralna karakterizacija i mikrobiološka aktivnost, 50. Savetovanje Srpskog hemijskog društva, Srpsko hemijsko društvo, pp. 108 - 108, ISSN: 978-86-7132-048-1, Srbija, 14. - 15. Jun, 2012.
  20. Dekić, M., Radulović, N., **Stojanović-Radić, Z.** Antimicrobial volatile glucosinolate autolysis products from *Hornungia petraea* (L.) Rchb. (Brassicaceae), 43rd International Symposium on Essential Oils, Centro de Biotecnologia Vegetal - Fundação da Faculdade de Ciências de Lisboa, pp. 84 - 84, ISSN: 978-989-20-3188-0, Portugalija, 5. - 8. Septembar, 2012
  21. **Stojanović-Radić, Zorica, Z.**, Matović, Milić, Mihajilov-Krstev, Tatjana: „The contribution of Josif Pančić to protection of biodiversity and to genofond’s preservation of Serbian flora”, International Scientific Conference “Sustainable use of forest ecosystems, The Challenge of 21<sup>st</sup> Century”, Proceedings: 534-537. 8-10 November, 2006. Donji Milanovac, Serbia.
  22. Mihajilov-Krstev, Tatjana, Matović, Milić, **Stojanović-Radić, Zorica, Z.**: „Antimicrobial activity of forest plants to the environment”, International Scientific Conference “Sustainable use of forest ecosystems, The Challenge of 21<sup>st</sup> Century”, Proceedings: 462- 470. 8-10 November, 2006. Donji Milanovac, Serbia.
  23. **Stojanović-Radić, Zorica Z.**, Nešić, Marija V., Čomić, Ljiljana R., Radulović, Niko S. Biological effects of rosemary essential oil (*Rosmarinus officinalis* L.). Book of abstracts, 10<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighbouring Regions, Niš, 2010, 100-101.
  24. Radulović N., Dekić M., **Stojanović-Radić Z.**, Palić R. 2010. *Geranium macrorrhizum* L. (Geraniaceae) essential oil: A potent agent against *Bacillus subtilis*. 41<sup>st</sup> International Symposium on Essential Oils, Wrocław, Poland. Book of abstracts, 139.

25. Dimitrijević D., **Stojanović-Radić Z.**, Stanković M., Randrlović V., Lakušić D. 2010. Antimicrobial activity, total phenol and flavonoid contents of *Jovibarba heuffelii* (Schott.) A Löve & D. Löve extracts. Second Balkan Conference on Biology, Plovdiv, Bulgaria. Book of Abstracts, 71.
26. Radulović N., Denić M., **Stojanović-Radić Z.** 2011. A new antimicrobial phenolic abietane diterpene from *Lycopus europaeus* L. (Lamiaceae). Book of Abstracts, 49<sup>th</sup> meeting of the Serbian Chemical Society, Kragujevac, Serbia.

**Other publications (papers in national journals, Editorial work, Chapters in international monographs)**

1. **Stojanović-Radić, Zorica Z.**, Jakšić, Predrag, Verovnik, Rudi. Survey of target species. In: Prime Butterfly areas in Serbia, Ed. Predrag Jakšić. HabiProt, Beograd, Srbija, 2008.
2. **Stojanović-Radić Z.**, Nešić M., Čomić Lj., Radulović N. 2010. Antimicrobial activity and cytotoxicity of commercial rosemary oil (*Rosmarinus officinalis* L.). *Biologica Nyssana*. 1(1-2), 83-88.
3. **Stojanović-Radić Z.** 2012. Antimicrobial activity of the three commercial drug's essential oils: Chamomillae flos, Calendulae flos and Millefolii herba. *Biologica Nyssana*, 3(2): 69-76.
4. Jović J., Mihajilov-Krstev T., Žabar A., **Stojanović-Radić Z.** 2012. Influence of solvent on antimicrobial activity of Carlinae radix essential oil and decoct. *Biologica Nyssana*, 3(2): 61-67.
5. **Stojanović-Radić Z.**, Dimitrijević M., Stanković N., Aleksić A., Pejčić M. 2016. Frequency of isolation and antibiotic resistance patterns of bacterial isolates from wound infections. *Biologica Nyssana*, 7(2): 151-158.
6. Vladimir Randelović, **Zorica Stojanović-Radić**, Eds. 11<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Book of abstracts, Vlasina, 13-16 June, 2013.
7. Vladimir Randelović, **Zorica Stojanović-Radić**, Eds. 12<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Book of abstracts, Kopaonik, 16-19 June, 2016. ISBN 978-86-6275-055-61.
8. Vladimir Randelović, **Zorica Stojanović-Radić**, Eds. 13<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Book of abstracts, Stara planina, 20-23 June, 2019.
9. **Stojanović-Radić, Zorica Z.**, Jakšić, Predrag, Verovnik, Rudi. Survey of target species. In: Prime Butterfly areas in Serbia, Ed. Predrag Jakšić. HabiProt, Beograd, Srbija, 2008
10. **Stojanović-Radić Z.**, Matejić J., Radulović N. 2013. Garlic Essential Oil: Biological Activities and Further Potential. In: *Recent Progress in Medicinal Plants, Vol 36: Essential Oils I*, J.N. Govil, S. Bhattacharya, Eds., Studium Press LLC, Houston, Chapter 12, pp. 289-329. ISBN: 1-933699-96-5.



