

Curriculum Vitae (CV)

DR. JELENA S. KATANIĆ STANKOVIĆ

RESEARCH ASSOCIATE

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h-index: **15** Citations: **615** (5/2022; Scopus)

University Education

- 2012-2017** PhD in Chemistry (major in Biochemistry), Faculty of Science, University of Kragujevac, Serbia
- 2011-2012** MSc of Chemistry - Research and Development, Faculty of Science, University of Kragujevac, Serbia
- 2007-2011** BSc of Chemistry - Research and Development, Faculty of Science, University of Kragujevac, Serbia

Professional Experience

- 2019 – to date** Research Associate, Department of Science, Institute for Information Technologies, University of Kragujevac, Serbia
- 2018 – 2019** Research Associate, Department of Chemistry, Faculty of Science, University of Kragujevac, Serbia
- 2013 – 2018** Research Assistant, Department of Chemistry, Faculty of Science, University of Kragujevac, Serbia
- 2012-2013** Graduate Researcher, Department of Chemistry, Faculty of Science, University of Kragujevac, Serbia

Research Stays

- 2021 (2 months)** *Postdoctoral fellowship* – Institute of Pharmaceutical Sciences, Department of Pharmacognosy, University of Graz, Graz, Austria, *supervisor*: Univ.-Prof. Dr. Rudolf Bauer
- 2021 (7 days)** ERASMUS+ staff training mobility – Faculty of Biotechnical Sciences, University "St. Kliment Ohridski", Bitola, North Macedonia, *supervisor*: Prof. Dr. Dijana Blazhekovikj - Dimovska
- 2019 (7 days)** ERASMUS+ staff training mobility – Faculty of Sciences, Friedrich-Alexander-Universität (FAU), Erlangen-Nürnberg, Germany, *supervisors*: Prof. Dr. Monika Pischetsrieder and Prof. Dr. Wolfgang Kreis
- 2016 (1 month)** Institute of Pharmaceutical Sciences, Department of Pharmacognosy, University of Graz, Graz, Austria, *supervisor*: Univ.-Prof. Dr. Rudolf Bauer

2015 (3 months) Institute of Pharmaceutical Sciences, Department of Pharmacognosy, University of Graz, Graz, Austria, *supervisor*: Univ.-Prof. Dr. Rudolf Bauer

Selected Career-related Activities

Since 2022 Institutional Deputy Coordinator for Erasmus+ Program at the Institute for Information Technologies

Since 2021 Associate Editor in *Natural Resources for Human Health* journal

2021 Member of the organizing committee – *10th Conference of Serbian Biochemical Society*, Kragujevac, Serbia, 24th September, 2021

2021 Member of the organizing committee (Secretary of the Conference) – *1st International Conference on Chemo and BioInformatics (ICCBKIG)*, Institute for Information Technologies Kragujevac, Kragujevac, Serbia, 26-27 October, 2021

Since 2021 Member of the Committee for Careers of Young Scientists of Serbian Biochemical Society

Since 2018 Member of the Serbian Biochemical Society

Since 2014 Member of the Society for Medicinal Plant and Natural Product Research (GA)

2013 Member of the Serbian Plant Physiology Society

2013 Member of the Serbian Chemical Society

Awards, Distinctions and Fellowships

2020/2021 ERASMUS+ staff training mobility – University "St. Kliment Ohridski", Bitola, North Macedonia

2021 Annual award of the Institute for Information Technologies for the Researcher with the highest number and quality of publications in 2020

2020/2021 Coimbra Group Scholarship Programme for Young Researchers from the European Neighborhood – University of Graz, Graz, Austria

2019/2020 ERASMUS+ staff training mobility – Universidad de Jaén, Jaén, Spain (postponed)

2018/2019 ERASMUS+ staff training mobility – Friedrich-Alexander-Universität (FAU), Erlangen-Nürnberg, Germany

2017 Special mention for oral presentation on International Meeting on Medicinal and Bio(in)organic Chemistry, Vrnjacka Banja, Serbia

2015/2016 "One Month Visits to Austria" Scholarship of the World University Service (WUS) Austria and OeAD, ICM-2015-01460

2014/2015 Scholarship of the Scholarship Foundation of the Republic of Austria for Undergraduates, Graduates and Postgraduates and OeAD, ICM-2014-07003

2015 Travel Grant of the Society for Medicinal Plant and Natural Product Research (GA) for attending the 63rd International Congress and Annual Meeting of the Society in Budapest

2013 Hemofarm Foundation Award for Science students who achieved outstanding success in their studies

2013 Award of the Faculty of Science, University of Kragujevac, Serbia for the best graduate student in the Master studies

2013 Fellowship of the Ministry of Education, Science and Technological Development of the Republic of Serbia for outstanding students on Doctoral studies (PhD)

2012 Special Award of the Serbian Chemical Society for outstanding success during Bachelor academic studies (BSc)

2008-2012 Fellowship of the Ministry of Education, Science and Technological Development of the Republic of Serbia for outstanding students during Bachelor and Master studies

Projects

2013-2019 "Simultaneous bioremediation and soilification of degraded areas, for the preservation of natural resources of biologically active substances and the development and production of biomaterials and dietary products" (III43004), Ministry of Education, Science and Technological Development of the Republic of Serbia

Since 2022 COST Action CA18210 "Oxygen sensing a novel mean for biology and technology of fruit quality"

Research Interests

Medicinal plants, Phytochemistry, Pharmacognosy, Natural products chemistry, Herbal products, Polyphenolic compounds, Pharmacological activity, Oxidative stress and Antioxidants, Cytotoxicity, Inflammation, Chromatography techniques (HPTLC, HPLC, LC-MS, GC-MS)

Professional and Personal Qualifications

Experience in publication of the research results; Experience as a Guest Editor of a Special Issues (*Molecules*, *Current Topics in Medicinal Chemistry*); Ability to work independently as well as in a team; Excellent organizational and time management skills; Very good communication (verbal, written, and presentation) skills; Excellent user skills in MS Office.

Bibliography

PhD Thesis

Jelena Katanić, Phytochemical and pharmacological characterization of selected plant species of the genus *Filipendula* Mill. (Rosaceae), Doctoral Dissertation, Faculty of Science, University of Kragujevac, Serbia, pp. 1-287, Defended 6th Oct. 2017

Book Chapters

1. V. Mihailović, **J. S. Katanić Stanković**, N. Mihailović, **Chapter 6** - Phenolic Compounds Diversity of *Teucrium* Species, in "*Teucrium Species: Biology and Applications*", Ed. Milan S. Stanković, **Springer, Cham**. 2020, pp. 143-177, Print ISBN 978-3-030-52158-5, Online ISBN 978-3-030-52159-2 https://doi.org/10.1007/978-3-030-52159-2_6
2. J. Popović-Djordjević, **J. S. Katanić Stanković**, V. Mihailović, M. Akram, **Chapter 1** – Biochemistry and metabolism of saffron, in "*Saffron*", Ed. Charis M. Galanakis, **Elsevier Academic Press** 2021, pp. 1-40, ISBN 9780128212196. <https://doi.org/10.1016/B978-0-12-821219-6.00001-4>
3. J. Popović-Djordjević, M. Fotirić Akšić, **J. S. Katanić Stanković**, N. Pantelić, V. Mihailović, **Chapter 3** – Wild-growing species in the service of medicine: environmental challenges and sustainable production, in "Environmental Challenges and Medicinal Plants, Environmental Challenges and Solutions", Ed. Tariq Aftab, **Springer** 2022, pp. 49-104, ISSN 2214-2827. https://doi.org/10.1007/978-3-030-92050-0_3

List of Scientific Publications

1. V. Mihailović, M. Mihailović, A. Uskoković, J. Arambašić, D. Mišić, V. Stanković, **J. Katanić**, M. Mladenović, S. Solujić, S. Matić, Hepatoprotective effects of *Gentiana asclepiadea* L. extracts against carbon tetrachloride induced liver injury in rats, *Food and Chemical Toxicology* 52, 2013, 83–90. <https://doi.org/10.1016/j.fct.2012.10.034>
2. M. Mladenović, S. Matić, S. Stanić, S. Solujić, V. Mihailović, N. Stanković, **J. Katanić**, Combining molecular docking and 3-D pharmacophore generation to enclose the *in vivo* antigenotoxic activity of naturally occurring aromatic compounds: myricetin, quercetin, rutin, and rosmarinic acid, *Biochemical Pharmacology* 86, 2013, 1376–1396. <https://doi.org/10.1016/j.bcp.2013.08.018>
3. V. Mihailović, S. Matić, D. Mišić, S. Solujić, S. Stanić, **J. Katanić**, M. Mladenović, N. Stanković, Chemical composition, antioxidant and antigenotoxic activities of different fractions of *Gentiana asclepiadea* L. roots extract, *EXCLI Journal* 12, 2013, 807–823.
4. N. Stanković, M. Mladenović, M. Mihailović, J. Arambašić, A. Uskoković, V. Stanković, V. Mihailović, **J. Katanić**, S. Matić, S. Solujić, N. Vuković, S. Sukdolak, Synthesis and toxicological studies of *in vivo* anticoagulant activity of novel 3-(1-aminoethylidene)chroman-2,4-diones and 4-hydroxy-3-(1-iminoethyl)-2H-chromen-2-ones combined with a structure-based 3-D pharmacophore model, *European Journal of Pharmaceutical Sciences* 55, 2014, 20–35. <https://doi.org/10.1016/j.ejps.2014.01.004>
5. V. Mihailović, **J. Katanić**, D. Mišić, V. Stanković, M. Mihailović, A. Uskoković, J. Arambašić, S. Solujić, M. Mladenović, N. Stanković, Hepatoprotective effects of secoiridoids-rich extracts from *Gentiana cruciata* L. against carbon tetrachloride induced liver damage in rats, *Food & Function* 5, 2014, 1795–1803. <https://doi.org/10.1039/c4fo00088a>
6. **J. Katanić**, V. Mihailović, N. Stanković, T. Boroja, M. Mladenović, S. Solujić, M. S. Stanković, M. M. Vrvić, Dropwort (*Filipendula hexapetala* Gilib.): Potential role as antioxidant and antimicrobial agent, *EXCLI Journal* 14, 2015, 1–20. <https://doi.org/10.17179/excli2014-479>
7. N. Stanković, M. Mladenović, S. Matić, S. Stanić, V. Stanković, M. Mihailović, V. Mihailović, **J. Katanić**, T. Boroja, N. Vuković, S. Sukdolak, Serum albumin binding analysis and toxicological screening of novel chroman-2,4-diones as oral anticoagulants, *Chemico-Biological Interactions* 227, 2015, 18–31. <https://doi.org/10.1016/j.cbi.2014.12.005>
8. **J. Katanić**, T. Boroja, N. Stanković, V. Mihailović, M. Mladenović, S. Kreft, M. M. Vrvić, Bioactivity, stability and phenolic characterization of *Filipendula ulmaria* (L.) Maxim., *Food & Function* 6, 2015, 1164–1175. <https://doi.org/10.1039/c4fo01208a>
9. V. Mihailović, D. Mišić, S. Matić, M. Mihailović, S. Stanić, M. M. Vrvić, **J. Katanić**, M. Mladenović, N. Stanković, T. Boroja, M. S. Stanković, Comparative phytochemical analysis of *Gentiana cruciata* L. roots and aerial parts, and their biological activities, *Industrial Crops and Products* 73, 2015, 49–62. <https://doi.org/10.1016/j.indcrop.2015.04.013>
10. **J. Katanić**, V. Mihailović, S. Matić, V. Stanković, N. Stanković, T. Boroja, M. Mladenović, S. Stanić, S. Kreft, M. Mihailović, The ameliorating effect of *Filipendula hexapetala* extracts on hepatorenal toxicity of cisplatin, *Journal of Functional Foods* 18, 2015, 198–212. corr. 28, 2017, 326–327. <https://doi.org/10.1016/j.jff.2015.07.004> corr. <https://doi.org/10.1016/j.jff.2016.11.017>
11. S. Matić, **J. Katanić**, S. Stanić, M. Mladenović, N. Stanković, V. Mihailović, T. Boroja, *In vivo* and *in vitro* assessment of the genotoxicity and antigenotoxicity of the *Filipendula hexapetala* and *Filipendula ulmaria* methanol extracts, *Journal of Ethnopharmacology* 174, 2015, 287–292. corr. 200, 2017, 236. <https://doi.org/10.1016/j.jep.2015.08.025> corr. <https://doi.org/10.1016/j.jep.2017.02.030>
12. M. Mladenović, N. Stanković, S. Matić, S. Stanić, M. Mihailović, V. Mihailović, **J. Katanić**, T. Boroja, N. Vuković, Newly discovered chroman-2,4-diones neutralize the *in vivo* DNA damage induced by alkylation through the inhibition of Topoisomerase II α : A story behind the molecular modeling approach, *Biochemical Pharmacology* 98, 2015, 243–266. <https://doi.org/10.1016/j.bcp.2015.08.106>
13. R. Ceylan, **J. Katanić**, G. Zengin, S. Matić, A. Aktumsek, T. Boroja, S. Stanić, V. Mihailović, G. Ozmen Guler, M. Boga, M. A. Yilmaz, Chemical and Biological Fingerprints of Two Fabaceae species

- (*Cytisopsis dorycnifolia* and *Ebenus hirsuta*): Are they Novel Sources of Natural Agents for Pharmaceutical and Food Formulations?, *Industrial Crops and Products* 84, 2016, 254–262. <https://doi.org/10.1016/j.indcrop.2016.02.019>
14. **J. Katanić**, T. Boroja, V. Mihailović, S. Nikles, S.-P. Pan, G. Rosić, D. Selaković, J. Joksimović, S. Mitrović, R. Bauer, *In vitro* and *in vivo* assessment of meadowsweet (*Filipendula ulmaria*) as anti-inflammatory agent, *Journal of Ethnopharmacology* 193, 2016, 627–636. corr. 198, 2017, 608–609. <https://doi.org/10.1016/j.jep.2016.10.015> corr. <https://doi.org/10.1016/j.jep.2017.02.012>
 15. **J. Katanić**, S. Matić, E.-M. Pferschy-Wenzig, N. Kretschmer, R. Bauer, V. Stanković, T. Boroja, V. Mihailović, N. Stanković, S. Stanić, M. Mladenović, M. Mihailović, *Filipendula ulmaria* extracts attenuate cisplatin-induced liver and kidney oxidative stress in rats: *in vivo* investigation and LC-MS analysis, *Food and Chemical Toxicology* 99, 2017, 86–102. <https://doi.org/10.1016/j.fct.2016.11.018>
 16. **J. Katanić**, R. Ceylan, S. Matić, T. Boroja, G. Zengin, A. Aktumsek, V. Mihailović, S. Stanić, Novel perspectives on two *Digitalis* species: Phenolic profile, bioactivity, enzyme inhibition, and toxicological evaluation, *South African Journal of Botany* 109, 2017, 50–57. <https://doi.org/10.1016/j.sajb.2016.12.004>
 17. J. Joksimović, D. Selaković, V. Jakovljević, V. Mihailović, **J. Katanić**, T. Boroja, Gvozden Rosić, Alterations of the oxidative status in rat hippocampus and prodepressant effect of chronic testosterone enanthate administration, *Molecular and Cellular Biochemistry* 433, 2017, 41–50. <https://doi.org/10.1007/s11010-017-3014-0>
 18. G. Zengin, R. Ceylan, **J. Katanić**, A. Mollica, A. Aktumsek, T. Boroja, S. Matić, V. Mihailović, S. Stanić, Z. Aumeeruddy-Elalfi, M. A. Yilmaz, M. F. Mahomoodally, Combining *in vitro*, *in vivo* and *in silico* approaches to evaluate nutraceutical potentials and chemical fingerprints of *Moltingia aurea* and *Moltingia coerulea*, *Food and Chemical Toxicology* 107, 2017, 540–553. <https://doi.org/10.1016/j.fct.2017.04.004>
 19. A. Pejovic, I. Damjanovic, D. Stevanovic, A. Minic, J. Jovanovic, V. Mihailovic, **J. Katanic**, G. Bogdanovic, Synthesis, characterization and antimicrobial activity of novel ferrocene containing quinolines: 2-ferrocenyl-4-methoxyquinolines, 1-benzyl-2-ferrocenyl-2,3-dihydroquinolin-4(1H)-ones and 1-benzyl-2-ferrocenylquinolin-4(1H)-ones, *Journal of Organometallic Chemistry* 846, 2017, 6–17. <https://doi.org/10.1016/j.jorganchem.2017.05.051>
 20. J. Jovanović, S. B. Novaković, G. A. Bogdanović, A. Minić, A. Pejović, **J. Katanić**, V. Mihailović, B. Nastasijević, D. Stevanović, I. Damjanović, Acryloylferrocene as a convenient precursor of tetrahydropyrazolopyrazolones: [3+2] cycloaddition with *N,N'*-Cyclic azomethine imines, *Journal of Organometallic Chemistry* 860, 2018, 85–97. <https://doi.org/10.1016/j.jorganchem.2018.02.016>
 21. G. Zengin, R. Ceylan, **J. Katanić**, A. Aktumsek, S. Matić, T. Boroja, S. Stanić, V. Mihailović, R. Seebaluck-Sandoram, A. Mollica, M. F. Mahomoodally, Exploring the therapeutic potential and phenolic composition of two Turkish ethnomedicinal plants - *Ajuga orientalis* L. and *Arnebia densiflora* (Nordm.) Ledeb, *Industrial Crops and Products* 116, 2018, 240–248. <https://doi.org/10.1016/j.indcrop.2018.02.054>
 22. T. Boroja, V. Mihailović, **J. Katanić**, S.-P. Pan, S. Nikles, P. Imbimbo, D. M. Monti, N. Stanković, M. S. Stanković, R. Bauer, Assessment of biological activity of phenolic-rich extracts of *Alchemilla vulgaris* L., *South African Journal of Botany* 116, 2018, 175–184. <https://doi.org/10.1016/j.sajb.2018.03.007>
 23. T. Boroja, **J. Katanić**, G. Rosić, D. Selaković, J. Joksimović, D. Mišić, V. Stanković, V. Mihailović, Summer savory (*Satureja hortensis* L.): UHPLC/HESI-MS/MS phytochemical profile and modulation of cisplatin-induced liver, renal and testicular toxicity, *Food and Chemical Toxicology* 118, 2018, 252–263. <https://doi.org/10.1016/j.fct.2018.05.001>
 24. A. Pejović, A. Minić, J. Jovanović, M. Pešić, D. Ilić Komatina, I. Damjanović, D. Stevanović, V. Mihailović, **J. Katanić**, G. A. Bogdanović, Synthesis, characterization, antioxidant and antimicrobial activity of novel 5-arylidene-2-ferrocenyl-1,3-thiazolidin-4-ones, *Journal of Organometallic Chemistry* 869, 2018, 1–10. <https://doi.org/10.1016/j.jorganchem.2018.05.014>
 25. A. Pejović, A. Minić, J. Bugarinović, M. Pešić, I. Damjanović, D. Stevanović, V. Mihailović, **J. Katanić**, G. A. Bogdanović, Synthesis, characterization and antimicrobial activity of novel 3-ferrocenyl-2-pyrazolyl-1,3-thiazolidin-4-ones, a promising privileged structures, *Polyhedron* 155, 2018, 382–389. <https://doi.org/10.1016/j.poly.2018.08.071>

26. J. P. Bugarinović, M. S. Pešić, A. Minić, **J. Katanić**, D. Ilić-Komatina, A. Pejović, V. Mihailović, D. Stevanović, I. Damljanović, Ferrocene-containing tetrahydropyrazolopyrazolones: Antioxidant and antimicrobial activity, *Journal of Inorganic Biochemistry* 189, 2018, 134-142. <https://doi.org/10.1016/j.jinorgbio.2018.09.015>
27. **J. Katanić**, E.-M. Pferschy-Wenzig, V. Mihailović, T. Boroja, S.-P. Pan, S. Nikles, N. Kretschmer, G. Rosić, D. Selaković, J. Joksimović, R. Bauer, Phytochemical analysis and anti-inflammatory effects of *Filipendula vulgaris* Moench extracts, *Food and Chemical Toxicology* 122, 2018, 151-162. <https://doi.org/10.1016/j.fct.2018.10.001>
28. N. Mijailovic, D. Selakovic, J. Joksimovic, V. Mihailovic, **J. Katanic**, V. Jakovljevic, T. Nikolic, S. Bolevich, V. Zivkovic, M. Pantic, G. Rosic, The anxiolytic effects of atorvastatin and simvastatin on dietary-induced increase in homocysteine levels in rats, *Molecular and Cellular Biochemistry* 452(1-2), 2019, 199-217. <https://doi.org/10.1007/s11010-018-3425-6>
29. D. Selakovic, J. Joksimovic, N. Jovicic, S. Mitrovic, V. Mihailovic, **J. Katanic**, D. Milovanovic, S. Pantovic, N. Mijailovic, G. Rosic, The Impact of Hippocampal Sex Hormones Receptors in Modulation of Depressive-Like Behavior Following Chronic Anabolic Androgenic Steroids and Exercise Protocols in Rats, *Frontiers in Behavioral Neuroscience* 13:19, 2019, <https://doi.org/10.3389/fnbeh.2019.00019>
30. J. Joksimovic, D. Selakovic, N. Jovicic, S. Mitrovic, V. Mihailovic, **J. Katanic**, D. Milovanovic, G. Rosic, Exercise Attenuates Anabolic Steroids-Induced Anxiety via Hippocampal NPY and MC4 Receptor in Rats, *Frontiers in Neuroscience/Neuropharmacology* 13:172, 2019, <https://doi.org/10.3389/fnins.2019.00172>
31. **J. Katanić**, F. Yousfi, M. C. Caruso, S. Matić, D. M. Monti, El H. Loukili, T. Boroja, V. Mihailović, F. Galgano, P. Imbimbo, G. Petruk, M. Bouhrim, M. Bnouham, M. Ramdani, Characterization of bioactivity and phytochemical composition with toxicity studies of different *Opuntia dillenii* extracts from Morocco, *Food Bioscience* 30, 2019, 100410. <https://doi.org/10.1016/j.fbio.2019.04.011>
32. N. Z. Srećković, V. B. Mihailović, **J. S. Katanić Stanković**, Physico-chemical, antioxidant and antimicrobial properties of three different types of honey from Central Serbia, *Kragujevac Journal of Science* 41, 2019, 53-68. UDC 638.162:579.26 (497.11) <https://doi.org/10.5937/KgJSci1941053S>
33. I. Kumburovic, D. Selakovic, T. Juric, N. Jovicic, V. Mihailovic, **J. Katanic Stankovic**, N. Sreckovic, D. Kumburovic, V. Jakovljevic, G. Rosic, Antioxidant effects of *Satureja hortensis* L. attenuate anxiogenic effect of cisplatin in rats, *Oxidative Medicine and Cellular Longevity* 2019, 2019, Article ID 8307196, 15 pages. <https://doi.org/10.1155/2019/8307196>
34. R. Vukovic, I. Kumburovic, J. Joksimovic Jovic, N. Jovicic, **J. S. Katanic Stankovic**, V. Mihailovic, M. Djuric, S. Velickovic, A. Arnaut, D. Selakovic, G. Rosic, N-acetylcysteine protects against the anxiogenic response to cisplatin in rats, *Biomolecules* 9(12), 2019, 892, 15 pages. <https://doi.org/10.3390/biom9120892>
35. **J. S. Katanić Stanković**, N. Srećković, D. Mišić, U. Gašić, P. Imbimbo, D. M. Monti, V. Mihailović, Bioactivity, biocompatibility and phytochemical assessment of lilac sage, *Salvia verticillata* L. (Lamiaceae) - A plant rich in rosmarinic acid, *Industrial Crops and Products* 143, 2020, 111932. <https://doi.org/10.1016/j.indcrop.2019.111932>
36. T. Jurić, **J. S. Katanić Stanković**, G. Rosić, D. Selaković, J. Joksimović, D. Mišić, V. Stanković, V. Mihailović, Phytochemical profile of *Alchemilla vulgaris* L. extracts and their protective effect against cisplatin-induced oxidative stress in rats, *South African Journal of Botany* 128, 2020, 141-151. <https://doi.org/10.1016/j.sajb.2019.09.010>
37. **J. S. Katanić Stanković**, R. Ceylan, G. Zengin, S. Matić, T. Jurić, A. Diuzheva, J. Jekő, Z. Cziáky, A. Aktumsek, Multiple biological activities of two *Onosma* species (*O. sericea* and *O. stenoloba*) and HPLC-MS/MS characterization of their phytochemical composition, *Industrial Crops and Products* 144, 2020, 112053. <https://doi.org/10.1016/j.indcrop.2019.112053>
38. V. Mihailović, **J. S. Katanić Stanković**, T. Jurić, N. Srećković, D. Mišić, B. Šiler, D. M. Monti, P. Imbimbo, S. Nikles, S.-P. Pan, R. Bauer, *Blackstonia perfoliata* (L.) Huds. (Gentianaceae): A promising source of useful bioactive compounds, *Industrial Crops and Products* 145, 2020, 111974. <https://doi.org/10.1016/j.indcrop.2019.111974>

39. N. Srećković, **J. S. Katanić Stanković**, S. Matić, N. R. Mihailović, P. Imbimbo, D. M. Monti, V. Mihailović, *Lythrum salicaria* L. (Lythraceae) as a promising source of phenolic compounds in the modulation of oxidative stress: Comparison between aerial parts and root extracts, *Industrial Crops and Products* 155, 2020, 112781. <https://doi.org/10.1016/j.indcrop.2020.112781>
40. **J. S. Katanić Stanković**, D. Selakovic, V. Mihailovic, G. Rosic, Antioxidant Supplementation in the Treatment of Neurotoxicity Induced by Platinum-Based Chemotherapeutics – A Review, *International Journal of Molecular Sciences* 21, 2020, 7753. <https://doi.org/10.3390/ijms21207753>
41. J. B. Popović-Djordjević, **J. S. Katanić Stanković**, V. Mihailović, A. G. Pereira, P. Garcia-Oliveira, M. A. Prieto, J. Simal-Gandara, Algae as a Source of Bioactive Compounds to Prevent the Development of Type 2 Diabetes Mellitus, *Current Medicinal Chemistry* 28 (23), 2021, 4592-4615. DOI: 10.2174/0929867328666210325100654
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