

## CURRICULUM VITAE

**First name and surname:** Dr. Vladimir B. Mihailović  
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**ORCID iD:** 0000-0003-4113-6804  
**Date of birth:** February 22, 1984.  
**Academic title** Assistant professor



### EDUCATION

2009-2013 PhD in Chemistry, University of Kragujevac, Faculty of Science, Department of Chemistry, Kragujevac, Serbia. Thesis title "Secondary metabolites of *Gentiana asclepiadea* L. and *Gentiana cruciata* L. with antimicrobial, antioxidant and hepatoprotective activity"  
2003-2009 B.Sc. in Chemistry, University of Kragujevac, Faculty of Science, Department of Chemistry, Kragujevac, Serbia  
1999-2003 High school "Druga kragujevačka gimnazija", Kragujevac, Serbia

### EMPLOYMENT

2016–Present Assistant professor in Biochemistry, University of Kragujevac, Faculty of Science, Department of Chemistry, Kragujevac, Serbia. Re-election to the title in 2021.  
2014-2016 Research associate, University of Kragujevac, Faculty of Science, Department of Chemistry, Kragujevac, Serbia  
2011-2014 Research assistant, University of Kragujevac, Faculty of Science, Department of Chemistry, Kragujevac, Serbia  
2009-2011 Junior research assistant, University of Kragujevac, Faculty of Science, Department of Chemistry, Kragujevac, Serbia

### TRAINING

2024 (5 days) Department of pharmaceutical biology, University of Ljubljana, Faculty of pharmacy, Ljubljana, Slovenia within Bilateral project of scientific and technological cooperation between the Republic of Serbia and the Republic of Slovenia "The use of active cosmetic ingredients from the botanical origin for lowering the synthetic preservatives in cosmetic products" (337-00-110/2023-05/18) (from 27 to 31 May 2024)  
2023 (7 days) Institute of Pharmaceutical Sciences, Department of Pharmacognosy, University of Graz, Graz, Austria within Bilateral project of scientific and technological cooperation between the Republic of Serbia and the Republic of Austria "Plant metabolomics based investigations of herbal medicines for prevention and treatment of endometriosis" (337-00-577/2021-09 / 9) (from 10 to 17 June 2023)  
2021 (5 days) Staff Mobility for Teaching Erasmus+, Faculty of Biotechnical Sciences, University "St Kliment Ohridski", Bitola, Republic of North Macedonia.

2019 (5 days)	A lecture for students entitled "Phytochemical characterization and biological activities of some medicinal plants from Serbia". (from 14 to 18 June 2021) Staff Mobility for Teaching Erasmus+, School of Pharmacy, ARISTOTLE UNIVERSITY OF THESSALONIKI, Thessaloniki, Greece. A lecture for students entitled "Phytochemical characterization and biological activities of some medicinal plants from Serbia". (from 24 to 28 June 2019)
2014-2015 (6 months)	Postdoctoral Fellow with Prof. Samo Kreft, M. Pharm., Ph. D. at the Department of pharmaceutical biology, University of Ljubljana, Faculty of pharmacy, Ljubljana, Slovenia

## TEACHING

<i>B.Sc. in Chemistry</i>	<ol style="list-style-type: none"> <li>1. Biochemistry of primary biomolecules</li> <li>2. Biochemistry of secondary biomolecules</li> <li>3. Selected chapters of biochemistry</li> <li>4. Chemistry of natural products (practical classes)</li> </ol>
<i>B.Sc. in Environmental engineering</i>	<ol style="list-style-type: none"> <li>1. Organic chemistry with biochemistry</li> <li>2. Biotechnological principles in environmental protection</li> </ol>
<i>M.Sc. in Chemistry</i>	<ol style="list-style-type: none"> <li>1. Green chemistry</li> </ol>
<i>Ph.D. in Chemistry</i>	<ol style="list-style-type: none"> <li>1. Plant biochemistry</li> <li>2. Biochemistry of natural antioxidants</li> <li>3. Biochemistry of food and nutrition</li> </ol>
Mentorship	<p>3 completed PhD thesis.</p> <p>13 completed master's theses.</p> <p>14 completed graduate theses.</p>

## RESEARCH AREA

	The main objects of his scientific work are medicinal plants, but he is also involved in research of animal and plant physiology, analytical chemistry, and molecular biology. His research was focused on the phytochemical characterization of medicinal plants and their application for the treatment of oxidative stress-related disorders, as well as application of medicinal plants in line with their ethnopharmacological use. Biochemical effects of plant secondary metabolites in <i>in vitro</i> and <i>in vivo</i> conditions.
<b>Citation</b>	1393 (excluding self-citation of all authors, source <i>Scopus</i> )
<b><i>h</i>-index</b>	25 (source <i>Scopus</i> )
<b>The number of published papers in international journals</b>	68

## PROJECTS AND PROFESSIONAL ENGAGEMENTS

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<b>Projects</b>	<p>From 2023. Bilateral project of scientific and technological cooperation between the Republic of Serbia and the Republic of Austria "The use of active cosmetic ingredients from the botanical origin for lowering the synthetic preservatives in cosmetic products" (337-00-110/2023-05/18) - Project leader</p> <p>From 2022. Bilateral project of scientific and technological cooperation between the Republic of Serbia and the Republic of Austria "Plant metabolomics based investigations of herbal medicines for prevention and treatment of endometriosis" (337-00-577/2021-09 / 9) - project member</p> <p>2010-2011. Project founded by Ministry of Agriculture, Forestry and Water Management of the Republic of Serbia: The one-year project Transitional Agriculture Reform Project STAR AAR 024 (no. 401-001972 / 2010-03): Testing extracts of local plants (<i>Morus alba</i>, <i>Halascya sendtneri</i>, <i>Daucus carota ssp. carota</i>) as potential bioinsecticides. - project member</p> <p>2011-2019. Project founded by Ministry of Education, Science and Technological Development of the Republic of Serbia (III 43004): Simultaneous bioremediation and soilification degraded areas, for conservation of natural resources of biologically active substances and the development and manufacture of biomaterials and dietary products. - project member</p>
<b>Membership</b>	<p>Serbian Biochemical Society Serbian Chemical Society Serbian Plant Physiology Society</p>
<b>Additional information</b>	<p>The vice president of Serbian Biochemical Society Board member of the Serbian Biochemical Society management board since 2019. President of the Organizing Committee of the Thirteenth Conference of the Serbian Biochemical Society "Amplifying Biochemistry Concepts", 19-20 September 2024, Kragujevac, Serbia President of the Organizing Committee of the Tenth Conference of the Serbian Biochemical Society "Biochemical Insights into Molecular Mechanisms", 2021, Kragujevac, Serbia The coordinators of the Erasmus + program at the Faculty of Science Deputy President of the Council of Employers of the Faculty of Science A member of the editorial board of the national scientific journal <i>Kragujevac Journal of Science</i>. Guest editor of the thematic issue <i>Plant-Derived Compounds as Prebiotics and Antimicrobial Agents in Food Preservation</i> in the international journal <i>Frontiers in Nutrition</i> (2022).</p>

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## BIBLIOGRAPHY

### Book chapters (M13):

1. **Vladimir Mihailović\***, Jelena Katanić Stanković, Nevena Mihailović, Phenolic Compounds Diversity of *Teucrium* Species. In: Milan Stanković (ed), *Teucrium* Species: Biology and Applications, 2020, Springer, Cham, Pages 143-177. [https://doi.org/10.1007/978-3-030-52159-2\\_6](https://doi.org/10.1007/978-3-030-52159-2_6).

Print ISBN: 978-3-030-52158-5  
Online ISBN: 978-3-030-52159-2

2. Jelena B. Popović-Djordjević, Jelena S. Katanić Stanković, **Vladimir Mihailović**, Muhammad Akram, Chapter 1 - Biochemistry and metabolism. In: Charis M. Galanakis (ed), Saffron, 2021, Academic Press, Elsevier, Pages 1-40. <https://doi.org/10.1016/B978-0-12-821219-6.00001-4>. ISBN 9780128212196
3. Jelena B. Popović-Djordjević, Milica Fotirić Akšić, Jelena S. Katanić Stanković, Nebojša Đ. Pantelić, **Vladimir Mihailović**, Wild-Growing Species in the Service of Medicine: Environmental Challenges and Sustainable Production. In: Tariq Aftab (ed), Environmental Challenges and Medicinal Plants. Sustainable Production Solutions under Adverse Conditions, 2022, Springer, Cham, Switzerland, Pages 49-104. <https://doi.org/10.1016/B978-0-12-821219-6.00001-4>. ISBN 978-3-030-92050-0
4. **Vladimir Mihailović**, Nikola Srećković, and Jelena B. Popović-Djordjević, Silybin and Silymarin: Phytochemistry, Bioactivity, and Pharmacology. In: J. Xiao (ed.), Handbook of Dietary Flavonoids, 2023, Springer Nature Switzerland AG, Pages 1-45. [https://doi.org/10.1007/978-3-030-94753-8\\_20-1](https://doi.org/10.1007/978-3-030-94753-8_20-1)
5. Jelena S. Katanić Stanković, Nevena Mihailović, and **Vladimir Mihailović**, Genistein: Advances on Resources, Biosynthesis Pathway, Bioavailability, Bioactivity, and Pharmacology. In: J. Xiao (ed.), Handbook of Dietary Flavonoids, 2023, Springer Nature Switzerland AG, Pages 1-40. [https://doi.org/10.1007/978-3-030-94753-8\\_45-1](https://doi.org/10.1007/978-3-030-94753-8_45-1)

#### Scientific papers in the international journals (M21a):

6. Nikola Srećković, Danijela Mišić, Uroš Gašić, Sanja Lj. Matić, Jelena S. Katanić Stanković, Nevena R. Mihailović, Daria Maria Monti, Luigi D'Elia, **Vladimir Mihailović\***, Meadow sage (*Salvia pratensis* L.): A neglected sage species with valuable phenolic compounds and biological potential, *Industrial Crops and Products*, 189 (2022) 115841. <https://doi.org/10.1016/j.indcrop.2022.115841>  
ISSN: 0926-6690  
IF<sub>2021</sub> = 6.449
7. Nikola Srećković, Jelena S. Katanić Stanković, Sanja Matić, Nevena R. Mihailović, Paola Imbimbo, Daria Maria Monti, **Vladimir 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>  
ISSN: 0926-6690  
IF<sub>2020</sub> = 5.645
8. **Vladimir Mihailović\***, Jelena S. Katanić Stanković, Tatjana Jurić, Nikola Srećković, Danijela Mišić, Branislav Šiler, Daria Maria Monti, Paola Imbimbo, Stefanie Nikles, San-Po Pan, Rudolf Bauer, *Blackstonia perfoliata* (L.) Huds. (Gentianaceae): A promising source of useful bioactive compounds, *Industrial Crops and Products* 143 (2020) Article 111974 <https://doi.org/10.1016/j.indcrop.2019.111974>  
ISSN: 0926-6690  
IF<sub>2020</sub> = 5.645
9. Jelena S. Katanić Stanković, Nikola Srećković, Danijela Mišić, Uroš Gašić, Paola Imbimbo, Daria Maria Monti, **Vladimir 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) Article 111932 <https://doi.org/10.1016/j.indcrop.2019.111932>  
ISSN: 0926-6690  
IF<sub>2020</sub> = 5.645

10. Jelena Katanić, Eva-Maria Pferschy-Wenzig, **Vladimir Mihailović**, Tatjana Boroja, San-Po Pan, Stefanie Nikles, Nadine Kretschmer, Gvozden Rosić, Dragica Selaković, Jovana Joksimović, Rudolf 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>  
ISSN: 0278-6915  
IF<sub>2017</sub> = 3.977
  
11. Tatjana Boroja, Jelena Katanić, Gvozden Rosić, Dragica Selaković, Jovana Joksimović, Danijela Mišić, Vesna Stanković, Nemanj Jovičić, **Vladimir Mihailović\***, Summer savory (*Satureja hortensis* L.) extract: 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>  
ISSN: 0278-6915  
IF<sub>2017</sub> = 3.977
  
12. Gokhan Zengin, Ramazan Ceylan, Jelena Katanić, Abdurrahman Aktumsek, Sanja Matić, Tatjana Boroja, Snežana Stanić, **Vladimir Mihailović**, Roumita Seebaluck-Sandoram, Adriano Mollica, Mohamad Fawzi 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>  
ISSN: 0926-6690  
IF<sub>2018</sub> = 4.191
  
13. Gokhan Zengin, Ramazan Ceylan, Jelena Katanić, Adriano Mollica, Abdurrahman Aktumsek, Tatjana Boroja, Sanja Matić, **Vladimir Mihailović**, Snežana Stanić, Zaahira Aumeeruddy-Elalfi, Mustafa Abdullah Yilmaz, Mohamad Fawzi Mahomoodally, Combining *in vitro*, *in vivo* and *in silico* approaches to evaluate nutraceutical potentials and chemical fingerprints of *Moltkia aurea* and *Moltkia coerulea*, *Food and Chemical Toxicology* 107 (2017) 540-553. <https://doi.org/10.1016/j.fct.2017.04.004>  
ISSN: 0278-6915  
IF<sub>2017</sub> = 3.977
  
14. Jelena Katanić, Sanja Matić, Eva-Maria Pferschy-Wenzig, Nadine Kretschmer, Tatjana Boroja, **Vladimir Mihailović**, Vesna Stanković, Nevena Stanković, Milan Mladenović, Snežana Stanić, Mirjana Mihailović, Rudolf Bauer, *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. <http://dx.doi.org/10.1016/j.fct.2016.11.018>  
ISSN: 0278-6915  
IF<sub>2017</sub> = 3.977
  
15. Eva Tavčar Benković, Dušan Žigon, **Vladimir Mihailović**, Tanja Petelinc, Polona Jamnik, Samo Kreft, Identification, *in vitro* and *in vivo* antioxidant activity, and gastrointestinal stability of lignans from silver fir (*Abies alba*) wood extract, *Journal of Wood Chemistry and Technology* 37 (2017) 467-477. <http://dx.doi.org/10.1080/02773813.2017.1340958>  
ISSN: 0277-3813 print / 1532-2319 online  
IF<sub>2015</sub> = 1.830
  
16. Jelena Katanić, Tatjana Boroja, **Vladimir Mihailović**, Stefanie Nikles, San-Po Pan, Gvozden Rosić, Dragica Selaković, Jovana Joksimović, Slobodanka Mitrović, Rudolf Bauer, *In vitro* and *in vivo* assessment of meadowsweet (*Filipendula ulmaria*) as anti-inflammatory agent, *Journal of Ethnopharmacology* 193 (2016) 627–636. <http://dx.doi.org/10.1016/j.jep.2016.10.015> corr. 198 (2017), 608–609. DOI: 10.1016/j.jep.2017.02.012  
ISSN: 0378-8741  
IF<sub>2015</sub> = 3.055

17. **Vladimir Mihailović\***, Samo Kreft, Eva Tavčar Benković, Nevena Ivanović, Milan S. Stanković, Chemical profile, antioxidant activity and stability in stimulated gastrointestinal tract model system of three *Verbascum* species, *Industrial Crops and Products* 89 (2016) 141–151. <http://dx.doi.org/10.1016/j.indcrop.2016.04.075>  
ISSN: 0926-6690  
IF<sub>2015</sub> = 3.449
  
18. Ramazan Ceylan, Jelena Katanić, Gokhan Zengin, Sanja Matić, Abdurrahman Aktumsek, Tatjana Boroja, Snežana Stanić, **Vladimir Mihailović**, Gokalp Ozmen Guler, Mehmet Boga, Mustafa Abdullah Yılmaz, Chemical and biological fingerprints of two Fabaceae species (*Cytisopsis dorycniifolia* and *Ebenus hirsuta*): Are they novel sources of natural agents for pharmaceutical and food formulations?, *Industrial Crops and Products* 84 (2016) 254–262. <http://dx.doi.org/10.1016/j.indcrop.2016.02.019>  
ISSN: 0926-6690  
IF<sub>2015</sub> = 3.449
  
19. **Vladimir Mihailović\***, Danijela Mišić, Sanja Matić, Mirjana Mihailović, Snežana Stanić, Miroslav M. Vrvic, Jelena Katanić, Milan Mladenović, Nevena Stanković, Tatjana Boroja, Milan 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. <http://dx.doi.org/10.1016/j.indcrop.2015.04.013>  
ISSN: 0926-6690  
IF<sub>2015</sub> = 3.449
  
20. Jelena Katanić, **Vladimir Mihailović**, Sanja Matić, Vesna Stanković, Nevena Stanković, Tatjana Boroja, Milan Mladenović, Snežana Stanić, Samo Kreft, Mirjana Mihailović, The ameliorating effect of *Filipendula hexapetala* extracts on hepatorenal toxicity of cisplatin, *Journal of Functional Foods* 18 (2015) 198–212. <http://dx.doi.org/10.1016/j.jff.2015.07.004> corr. 28 (2017) 326–327. DOI: 10.1016/j.jff.2016.11.017  
ISSN: 1756-4646  
IF<sub>2015</sub> = 3.973
  
21. Sanja Matić, Jelena Katanić, Snežana Stanić, Milan Mladenović, Nevena Stanković, **Vladimir Mihailović**, Tatjana Boroja, *In vitro* and *in vivo* assessment of the genotoxicity and antigenotoxicity of the *Filipendula hexapetala* and *Filipendula ulmaria* methanol extracts, *Journal of Ethnopharmacology* 174 (2015) 287–292. <http://dx.doi.org/10.1016/j.jep.2015.08.025> corr. 200 (2017) 236. DOI: 10.1016/j.jep.2017.02.030  
ISSN: 0378-8741  
IF<sub>2015</sub> = 3.055
  
22. Milan Mladenović, Nevena Stanković, Sanja Matić, Snežana Stanić, Mirjana Mihailović, **Vladimir Mihailović**, Jelena Katanić, Tatjana Boroja, Nenad Vuković, Newly discovered chroman-2,4-diones neutralize the *in vivo* DNA damage induced by alkylation through the inhibition of Topoisomerase II $\alpha$ : A story behind the molecular modeling approach, *Biochemical Pharmacology* 98 (2015) 243–266. <http://dx.doi.org/10.1016/j.bcp.2015.08.106>  
ISSN: 0006-2952  
IF<sub>2015</sub> = 5.091
  
23. **Vladimir Mihailović\***, Mirjana Mihailović, Aleksandra Uskoković, Jelena Arambašić, Danijela Mišić, Vesna Stanković, Jelena Katanić, Milan Mladenović, Slavica Solujić, Sanja Matić, Hepatoprotective effects of *Gentiana asclepiadea* L. extracts against carbon tetrachloride induced liver injury in rats, *Food and Chemical Toxicology* 52 (2013), 83–90. <http://dx.doi.org/10.1016/j.fct.2012.10.034>  
ISSN: 0278-6915  
IF<sub>2012</sub> = 3.010
  
24. Milan Mladenović, Sanja Matić, Snežana Stanić, Slavica Solujić, **Vladimir Mihailović**, Nevena Stanković, Jelena 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. <http://dx.doi.org/10.1016/j.bcp.2013.08.018>

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IF<sub>2013</sub> = 4.650

#### Scientific papers in the international journals (M21):

25. **Vladimir Mihailović**, Nikola Srećković, Zoran P. Nedić, Silvana Dimitrijević, Miloš Matić, Ana Obradović, Dragica Selaković, Gvozden Rosić, Jelena S. Katanić Stanković, Green Synthesis of Silver Nanoparticles Using *Salvia verticillata* and *Filipendula ulmaria* Extracts: Optimization of Synthesis, Biological Activities, and Catalytic Properties, *Molecules* 28 (2023) 808. <https://doi.org/10.3390/molecules28020808>  
ISSN: 1420-3049  
IF<sub>2023</sub> = 4.2
26. Nikola Z. Srećković, Zoran P. Nedić, Daria Maria Monti, Luigi D'Elia, Silvana B. Dimitrijević, Nevena R. Mihailović, Jelena S. Katanić Stanković and **Vladimir B. Mihailović**, Biosynthesis of Silver Nanoparticles Using *Salvia pratensis* L. Aerial Part and Root Extracts: Bioactivity, Biocompatibility, and Catalytic Potential, *Molecules* 2023, 28, 1387. <https://doi.org/10.3390/molecules28031387>  
ISSN: 1420-3049  
IF<sub>2023</sub> = 4.2
27. Nikola Z. Srećković, Zoran P. Nedić, Daria Maria Monti, Luigi D'Elia, Silvana B. Dimitrijević, Nevena R. Mihailović, Jelena S. Katanić Stanković and **Vladimir B. Mihailović**, Biosynthesis of Silver Nanoparticles Using *Salvia pratensis* L. Aerial Part and Root Extracts: Bioactivity, Biocompatibility, and Catalytic Potential, *Molecules* 2023, 28, 1387. <https://doi.org/10.3390/molecules28031387>  
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IF<sub>2023</sub> = 4.2
28. **Vladimir Mihailovic**, Jelena S. Katanic Stankovic, Dragica Selakovic, Gvozden Rosic, An Overview of the Beneficial Role of Antioxidants in the Treatment of Nanoparticle-Induced Toxicities, *Oxidative Medicine and Cellular Longevity*, Volume 2021, Article ID 7244677, 21 pages. <https://doi.org/10.1155/2021/7244677>  
ISSN: 1942-0900  
IF<sub>2020</sub> = 6.543
29. Jelena B Popović-Djordjević, Jelena S Katanić Stanković, **Vladimir Mihailović**, Antia G Pereira, Paula Garcia-Oliveira, Miguel A Prieto, Jesus Simal-Gandara, Algae as a Source of Bioactive Compounds to Prevent the Development of Type 2 Diabetes Mellitus, *Current Medicinal Chemistry*, 2021, 28(23), 4592–4615. DOI: 10.2174/0929867328666210325100654  
ISSN: 0929-8673  
IF<sub>2020</sub> = 4.530
30. Natalija Arsenijevic, Dragica Selakovic, Jelena S. Katanic Stankovic, **Vladimir Mihailovic**, Slobodanka Mitrovic, Jovana Milenkovic, Pavle Milanovic, Miroslav Vasovic, Snezana D. Markovic, Marko Zivanovic, Jelena Grujic, Nemanja Jovicic, Gvozden Rosic, The Beneficial Role of *Filipendula ulmaria* Extract in Prevention of Prodepressant Effect and Cognitive Impairment Induced by Nanoparticles of Calcium Phosphates in Rats, *Oxidative Medicine and Cellular Longevity*, Volume 2021, Article ID 6670135, 12 pages. <https://doi.org/10.1155/2021/6670135>  
ISSN: 1942-0900  
IF<sub>2020</sub> = 6.543
31. Jelena S. Katanic Stankovic, Dragica Selakovic, **Vladimir Mihailovic\***, Gvozden Rosic, Antioxidant Supplementation in the Treatment of Neurotoxicity Induced by Platinum-Based Chemotherapeutics—A Review, *International Journal of Molecular Science* 21 (2020) 7753. doi:10.3390/ijms21207753  
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32. Nevena R. Mihailović, **Vladimir B. Mihailović**, Andrija R. Ćirić, Nikola Z. Srećković, Mirjana R. Cvijović, Ljubinka G. Joksović, Analysis of Wild Raspberries (*Rubus idaeus* L.): Optimization of the Ultrasonic-Assisted Extraction of Phenolics and a New Insight in Phenolics Bioaccessibility, *Plant Foods for Human Nutrition* 74 (2019) 399–404. <https://doi.org/10.1007/s11130-019-00756-4>  
ISSN: 0921-9668  
IF<sub>2018</sub> = 2.598
33. Rade Vukovic, Igor Kumburovic, Jovana Joksimovic Jovic, Nemanja Jovicic, Jelena S. Katanic Stankovic, Vladimir Mihailovic, Milos Djuric, Stefan Velickovic, Aleksandra Arnaut, Dragica Selakovic, Gvozden Rosic, N-Acetylcysteine Protects against the Anxiogenic Response to Cisplatin in Rats, *Biomolecules* 9 (2019) 892. doi:10.3390/biom9120892  
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IF<sub>2018</sub> = 4.694
34. Igor Kumburovic, Dragica Selakovic, Tatjana Jurić, Nemanja Jovicic, **Vladimir Mihailovic**, Jelena Katanic Stanković, Nikola Srećkovic, Davor Kumburovic, Vladimir Jakovljevic, Gvozden L. Rosic, Antioxidant effects of *Satureja hortensis* L. attenuate the anxiogenic effect of cisplatin in rats, *Oxidative Medicine and Cellular Longevity* (2019) Article ID 8307196, 15 pages. <https://doi.org/10.1155/2019/8307196>  
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35. Jelena Katanić, Fatima Yousfi, Marisa Carmela Caruso, Sanja Matic, Daria Maria Monti, El Hassania Loukili, Tatjana Boroja, **Vladimir Mihailović**, Fernanda Galgano, Paola Imbimbo, Ganna Petruk, Mohamed Bouhrim, Mohamed Brouham, Mohammed 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>  
ISSN: 2212-4292  
IF<sub>2018</sub> = 3.220
36. Jovana Joksimovic, Dragica Selakovic, Nemanja Jovicic, Slobodanka Mitrovic, **Vladimir Mihailovic**, Jelena Katanic, Dragan Milovanovic, Gvozden Rosic, Exercise Attenuates Anabolic Steroids Induced Anxiety via Hippocampal NPY and MC4 Receptor in Rats. *Frontiers in Neuroscience* (2019) 13: 172. doi: 10.3389/fnins.2019.00172  
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