

Curriculum vitae

PERSONAL INFORMATION

Family name: Vidović

First name: Senka

Date of birth: 20th May 1977

Job Address: Faculty of Technology, University of Novi Sad
Bulevar cara Lazara 1, 21000 Novi Sad, Serbia
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<http://xtractteam.com/about-us/people/>



EDUCATION

2011-PhD Title of Thesis: Extraction, composition, influence and possible application of selected mushrooms species, Faculty of Technology Novi Sad/Department of Biotechnology and Pharmaceutical Engineering, University of Novi Sad/Serbia.

2003-MSc. Title of Thesis: Development of program for optimal liquid-liquid extractor selection, Faculty of Technology Novi Sad/Department of Biotechnology and Pharmaceutical Engineering, University of Novi Sa d/Serbia

AREAS OF EXPERTISE

- Pharmaceutical technology and biotechnology
- Food chemistry and technology
- Enviromental protection
- High pressure green extractions: supercr itical CO₂ and subcritical water extraction)
- Dry extracts-powders production (including freeze drying and powder production by spray drying)
- Analysis of chemical composition and biological activity
- Mathematical modeling of technological process.
- Identification of problems and research in the field of improvement of industrial food Production and herbal tea production
- Improvement of food by-products and food waste management

CURRENT AND PREVIOUS POSITION(S)

From 2017: **Associate Professor** at Faculty of Technology Novi Sad, Department of Biotechnology and Pharmaceutical Engineering, University of Novi Sad, Serbia.

2012-2017: **Assistant Professor** at Faculty of Technology Novi Sad, Department of Biotechnology and Pharmaceutical Engineering, University of Novi Sad, Serbia.

Teaching activities: from 2012 Assistant Professor on following subjects: Technology of Pharmaceutical Products, Industrial Pharmaceutical Technology, Biochemical and Chemical Transformation of Pharmacologically Active Components, Pharmacology, Herbal Material and Chemistry and Technology of Dietetic Supplements. As a sole author she introduced and started a new course “Chemistry and Technology of Dietetic Supplements” at Department of biotechnology and pharmaceutical engineering.

2004-2012: **Teaching assistant** at the Department of Biotechnology and Pharmaceutical Engineering, Faculty of Technology Novi Sad, University of Novi Sad, Serbia

2003–2004: **Research Assistant** at Department of Applied chemistry, Faculty of Technology Novi Sad, University of Novi Sad, Serbia

PARTICIPATION AT SCIENTIFIC PROJECTS

Current scientific projects:

- **National Project of Serbian Ministry of Science**, from 2010.
“Pharmacologically active compounds obtained from medicinal/aromatic plants for further use in pharmacy”,
- **COST (European Cooperation in Science and Technology) Action** (2015-2019)
“European network for algal-bioproducts (EUALGAE)”,
- **COST (European Cooperation in Science and Technology) Action** (2017-2021)
“European network for the promotion of portable, affordable and simple analytical platforms”,
- 2 projects funded by the **Provincial Secretariat for Science and Technological Development, Autonomous Province of Vojvodina, the Republic of Serbia:**
 - Development of drying technology of fermented Futog cabbage juice with the purpose of acquiring a new functional products in the form of tablet or powder
 - Development of improved ecological procedures in wastewater treatment in the territory of Vojvodina
- **Bilateral project between the Republic of Serbia and the Republic of Croatia** (2016-2017)

“Application of high pressure technologies in the extraction of plant material“

- **Bilateral project between the Republic of Serbia and the Republic of Hungary (2017-2019)**
“Application of spray drying technology for production of innovative products by utilization of wastes and by-products obtained through agro-food chain in Serbia and Hungary“
- **Centre for the promotion of science, Belgrade, Serbia (2016-2017)**
“Pharmacy for take away: from plant to product“

Past scientific projects:

Projects funded by the **Provincial Secretariat for Science and Technological Development, Autonomous Province of Vojvodina, the Republic of Serbia:**

- “Chemical-technological research of medicinal and aromatic herbal materials from the conventional and organic production in Vojvodina“

National Projects of Serbian Ministry of Science:

- 2007-2010: “Supercritical CO₂ extraction of different oil seeds and medical plants and development of new products using microcapsulation process“
- 2004-2007: “Supercritical CO₂ extraction of different oil seeds and medical plants and production of new dietetic product“
- 2004: “Protein biomass and enzymes“

FELLOWSHIPS AND AWARDS

- **2017: The best poster award:** Microwave-assisted extraction of antioxidants from the areal parts of cannabis and process modelling. 10th International Scientific and Professional Conference “With Food to Health“, Osijek, Croatia.
- **2014: Second award on international competition “The Art of shaking”** published by company Kuhner AG **Switzerland** for creative short film. I was the leader of the team from University of Novi Sad who participated at this creative competition and win second place and award.
- **2012: Best young Scientist of Faculty of Technology**, University of Novi Sad for 2011, awarded by Faculty of Technology Novi Sad, Serbia.
- **2011: Second Award** for the best communication presented at the 11th European Nutrition Conference FENS, **Madrid, Spain**, awarded by **The Federation of European Nutritional Societies and Axon**. The award was given for lecture entitled “Optimisation of *Ocimum basilicum* L. extraction process considering its antioxidant properties“.
- **2011: Prize for prestigious scientific results** by Provincial Secretariat for Science and Technological Development, Serbia.
- **2002: DAAD fellowship**, Summer Academy “Thermo-fluid dynamics for sustainable energy systems“, Dubrovnik, Croatia, Organization: Friedrich-Alexander University

Erlangen-Nurnberg, University of Sarajevo, University of Technology Delft, University of Technology Darmstadt and London University.

ORGANISATION OF SCIENTIFIC MEETINGS

- **From 2011:** Member of organization and scientific board of International Conference “**With Food to Health**” Tuzla, **Bosnia and Herzegovina**.
- **2014:** Scientific board member of International Conference “**Natural resources, green technology and sustainable development**” 26th-28th November, 2014, Zagreb, **Croatia**.

COMMISSIONS OF TRUST, REVIEWERS POSITIONS AND MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- **In 2014** external reviewer for scientific projects of **Hong Kong Environmental and Conservation Fond, Hong Kong**.
- **From 2014: Board Member of Association of Serbian Food Engineers, Serbia**
<http://udruzenjetehnologa.org/organi/>
- **From 2014: Member of Editorial board of International Journal of Chemical and Biomedical Sciences** of American Association for Science and Technology.
- **From 2013: representative of Faculty of Technology in Herbal Pharma Net Cluster, Serbia.** Cluster gathers manufacturers of herbal plants, producers of herbal products and scientific institutions. Cluster has been supported by The Integrated Innovation Support Program (IISP), Ministry of Finance and Economy, the National Agency for Regional Development and the Ministry of Education, Science and Technological Development.
- **From 2013: Member of Editorial Board** in international journal **Peak Journal of Medicinal Plants Research**.
- **From 2013: Member of Editorial Board** in international journal **Comprehensive Research Journal of Biological Science**.
- **Reviewer for Journals: Powder Technology (IF 2.265), Industrial Crops and Products (IF 2.829), Arabian Journal of Chemistry (IF 2.265), Journal of Serbian Chemical Society (IF 0.934), Hemijska Industrija (IF 0.463).**
- **From 2007: Member of Serbian Chemical Society.**

MAJOR COLLABORATIONS

From 2010: collaboration, with small and medium enterprises, tea producer “**Fructus**”, Serbia, and fruit processing company “**Zdravo Organic**”, Serbia, on identification of

processing problems, planning of action for process improvement and innovation, development and improvement of new products in the field of food and dietetic supplements.

Scientific collaboration with Professor Mire Zloh, **University Herdfordshire, UK**, Professor Stela Jokic, Faculty of Food Technology, **University Osijek, Croatia**, Professor Rita Ambrus, Department of Pharmaceutical Technologies, **University Szeged, Hungary**, and Professor YU Ziling, **Baptist Hong Kong University, Hong Kong, China**.

EARLY ACHIEVEMENT TRACK-RECORD

Author of 82 scientific manuscripts, 1 book, and 6 chapters. Participated, as author or co-author, at **more than 140 international and national conferences.**

BOOK:

1. **Chemistry and technology of dietetic supplements.** Faculty of Technology, Novi Sad, Serbia, 2017.

BOOK CHAPTER:

2. Jokić S, Vidović S, Aladić K. **Supercritical Fluid Extraction of Edible Oils.** In Handbook on Supercritical Fluids: Fundamentals, Properties and Applications. Editors: Jane Osborne, Nova Science Publishers, (2014), ISBN: 978-1-63321-946-5
3. Jokić S, Aladić K, Vidović S, Bilić M. **Mogućnosti primene ekstrakcije superkričnim CO₂ u obradi nusproizvoda prehrambene industrije,** In: Neke mogućnosti primjene nusproizvoda prehrambene industrije, Ed. Šubarić D., Monograph publication, University of Osijek, Croatia, (2016) *In press.*
4. Vladić J, Vidović S, Aćimović M, Gavarić A, Jokić S. Chapter 2. **Satureja montana: Cultivation, Production and Uses,** In: Medicinal Plants: Production, Cultivation and Uses, Editors: Aubert Matthias and Nicolas Laisné. Nova Science Publisher, (2017), ISBN: 978-1-53612-728-7.
5. Vidović S., Šavikin K., Aćimović M., Vladić J., Čujić N., Gavarić A., Janković T. Chapter 3. **Insight to the Current State and Challenges in Aronia melanocarpa Cultivation, Phytochemicals, Potential and Applications,** In: Medicinal Plants: Production, Cultivation and Uses, Editors: Aubert Matthias and Nicolas Laisné. Nova Science Publisher, (2017), ISBN: 978-1-53612-728-7.
6. Gavarić A., Jokić S., Molnar M., Vidović S., Vladić J., Acimović M. Chapter 4. **Helichrysum: The Current State of Cultivation, Production and Uses,** Editors: Aubert Matthias and Nicolas Laisné. Nova Science Publisher, (2017), ISBN: 978-1-53612-728-7.

SCIENTIFIC ARTICLES:

1. Pavlić B, Bera O, Vidović S, Ilić L, Zeković Z. **Extraction kinetics and ANN simulation of supercritical fluid extraction of sage herbal dust.** Journal of Supercritical Fluids, (2017), 130, 327-336.
2. Jerković I, Molnar M, Vidović S, Vladić J, Jokić S. **Supercritical CO₂ extraction of Lavandula angustifolia Mill. flowers: optimisation of oxygenated monoterpenes, coumarin and herniarin content.** Phytochemical Analysis, (2017), in press.
3. Zeković Z., Pintać D., Majkić T., Vidović S., Mimica-Dukić N., Teslić N., Versari A., Pavlić B. **Utilization of sage by-products as raw material for antioxidants recovery – Ultrasound versus microwave-assisted extraction.** Industrial Crops and Products, (2017), 99, 49-59.

4. Pavlič B, Teslić N, Vidaković A, Vidović S, Velićanski A, Versari A, Radosavljević R, Zeković Z. **Sage processing from by-product to high quality powder: I. Bioactive potential.** *Industrial Crops and Products*, (2017), 107, 81-89.
5. Jokić S., Jerković I., Rajić M., Aladić K., Bilić M., Vidović S. **SC-CO₂ extraction of *Vitex agnus-castus* L. fruits: The influence of pressure, temperature and water presoaking on the yield and GC-MS profiles of the extracts in comparison to the essential oil composition,** *Journal of Supercritical Fluid*, (2017), 123, 50-57
6. Filip S., Pavlič B., Vidović S., Vladić J., Zeković Z. **Optimization of Microwave-Assisted Extraction of Polyphenolic Compounds from *Ocimum basilicum* by Response Surface Methodology,** *Food Analytical Methods*, (2017), DOI 10.1007/s12161-017-0792-7
7. Vladić J., Canli O., Pavlič B., Zeković Z., Vidović S., Kaplan M. **Optimization of *Satureja montana* subcritical water extraction process and chemical characterization of volatile fraction of extracts,** *Journal of Supercritical Fluids*, (2017), 120 (1), 86-94
8. Lepojević I., Lepojević Ž., Pavlič B., Ristić M., Zeković Z., Vidović S. **Solid-liquid and high-pressure (liquid and supercritical carbon dioxide) extraction of *Echinacea purpurea* L.,** *Journal of Supercritical Fluids*, (2017), 119, 59-168
9. Naffati A., Vladić J., Pavlič B., Radosavljević R., Gavarić A., Vidović S. **Recycling of filter tea industry by-products: application of subcritical water extraction for recovery of bioactive compounds from *A. uva-ursi* herbal dust.** *Journal of Supercritical Fluids*, (2017), 121, 1-9
10. Radojković M., Zeković Z., Mašković P., Vidović S., Mandić A., Mišan A., Đurović S. **Biological activities and chemical composition of *Morus* leaves extracts obtained by maceration and supercritical fluid extraction,** *Journal of Supercritical Fluids*, (2016), 117, 50-58
11. Vladić J., Jokić S., Svilović S., Kovačević S., Zeković Z., Vidović S. **Winter savory: supercritical carbon dioxide extraction and mathematical modeling of extraction process,** *Journal of Supercritical Fluids*, (2016), 117, 89-97
12. Zeković Z., Vladić J., Vidović S., Adamović D., Pavlič B. **Optimization of microwave-assisted extraction (MAE) of coriander phenolic antioxidants - Response surface methodology approach,** *Journal of the Science of Food and Agriculture*, (2016), 96 (13), 4613-22
13. Pavlič B., Vidović S., Vladić J., Radosavljević R., Cindrić M., Zeković Z. **Subcritical water extraction of sage (*Salvia officinalis* L.) by-products - process optimization by response surface methodology,** *Journal of Supercritical Fluids*, (2016), 116, 36-45
14. Zeković Z., Kaplan M., Pavlič B., Olgun E.O., Vladić J., Canli O., Vidović S. **Chemical characterization of polyphenols and volatile fraction of coriander (*Coriandrum sativum* L.) extracts obtained by subcritical water extraction,** *Industrial Crops and Products*, (2016), 87, 54-63
15. Filip S., Vidović S., Vladić J., Pavlič B., Adamović D., Zeković Z. **Chemical composition and antioxidant properties of *Ocimum basilicum* L. extracts obtained by supercritical carbon dioxide extraction: drug exhausting method,** *Journal of Supercritical Fluids*, (2016), 109, 20-25
16. Vladić J., Ambrus R., Szabó-Révész P., Vasića V., Cvejina A., Pavlič B., Vidović S. **Recycling of filter tea industry by-products: production of *A. millefolium* powder using spray drying technique.** *Industrial Crops and Products*, (2016), 80, 197-206
17. Pavlič B., Vidović S., Vladić J., Radosavljević R., Zeković Z. **Isolation of coriander (*Coriandrum sativum* L.) essential oil by green extractions versus traditional techniques,** *Journal of Supercritical Fluids*, (2015), 99, 23-28
18. Cvjetko Bubalo M., Vidović S., Radojčić Redovniković I., Jokić S. **Green Solvents for Green Technologies,** *Journal of Chemical Technology and Biotechnology*, (2015), 90(9), 1631-1639

19. **Vidović S., Vladić J., Vaštag Z., Zeković Z., Popović Lj. Maltodextrin as a carrier of health benefit compounds in *Satureja montana* dry powder extract obtained by spray drying technique**, Powder Technology, (2014), 37(12), 2123-2128
20. Zeković Z., Filip S., **Vidović S., Jokić S., Svilović S. Mathematical modeling of *Ocimum basilicum* L. supercritical CO₂ extraction**, Chemical Engineering and Technology, (2014), 258, 209-2015
21. Zeković Z., **Vidović S., Vladić J., Radosavljević R., Cvejic A., Elgndi M., Pavlić B. Optimization of subcritical water extraction of antioxidants from *Coriandrum sativum* seeds by Response surface methodology**, Journal of Supercritical Fluids, (2014), 95, 560-566
22. **Vidović S., Zeković Z., Marošanić B., Pandurević Todorović M., Vladić J. Influence of pre-treatments on yield, chemical composition and antioxidant activity of *Satureja montana* extracts obtained by supercritical carbon dioxide**, Journal of Supercritical Fluids, (2014), 95, 468-473
23. Mihailović M., Arambašić J., Uskoković A., Grdović N., Dinić S., **Vidović S., Poznanović G., Mujić I., Vidaković M. Protective effects of the mushroom *Lactarius deterrimus* extract on systemic oxidative stress and pancreatic islets in streptozotocin-induced diabetic rats**, Journal of Diabetes Research (formerly titled Experimental Diabetes Research), (2014), 2015, 1-10
24. Filip S., **Vidović S., Adamović D., Zeković Z. Fractionation of non-polar compounds of basil (*Ocimum basilicum* L.) by supercritical fluid extraction (SFE)**, Journal of Supercritical Fluids, (2014), 86, 85-90
25. Grdović N., Dinić S., Arambašić J., Mihailović M., Uskoković A., **Vidović S., Zeković Z., Marković J., Mujić I., Mujić A., Vidaković M. The protective effect of a mix of *Lactarius deterrimus* and *Castanea sativa* extracts on streptozotocin-induced oxidative stress and pancreatic β -cell death".** British Journal of Nutrition, (2012), 108(7), 1163-76
26. Jokić S., Nagy B., Zeković Z., **Vidović S., Bilić M., Velić D., Simándi B. Effects of supercritical CO₂ extraction parameters on soybean oil**, Food and Bioproducts Processing, (2012), 90 (9), 693-699
27. Jokić S., **Vidović S., Zeković Z., Kuzmanović Podunavac S., Jevrić L., Marić B. Chemometric analysis of tocopherols content in soybean oil obtained by supercritical CO₂**, Journal of Supercritical fluids, (2012), 72, 305–311
28. **Vidović S., Mujić I., Zeković Z., Lepojević Ž., Milošević S., Jokić S. Extraction of fatty acids from *Boletus edulis* by subcritical and supercritical carbon dioxide**, Journal of the American Oil Chemists' Society, (2011), 88(8), 1189-1196
29. **Vidović S., Zeković Z., Mujić I., Lepojević Ž., Tumbas V., Mujić A. Antioxidant properties of selected *Boletus* mushrooms**, Food Biophysic, (2010), 5, 49-58
30. Zeković Z., Gavarić A., Pavlić B., **Vidović S., Vladić J. Optimization: microwave irradiation effect on polyphenolic compounds extraction from winter savory (*Satureja montana* L.)**, Separation Science and Technology, (2017), DOI: 10.1080/01496395.2017.1288744
31. Naffati A, Vladić J, Pavlić B, **Vidović S. Bio-refining of filter tea factory by-products: classical and ultrasound-assisted extraction of bioactive compounds from wild apple fruit dust.** *Journal of Food Process Engineering*, (2017), e12572. <https://doi.org/10.1111/jfpe.12572>.
32. Aladić K., **Vidović S., Vladić J., Balić D., Jukić H., Jokić S. Effect of supercritical CO₂ extraction process parameters on oil yield and pigment content from by-product hemp cake**, International Journal of Food Science and Technology, (2016), 51, 885-893
33. Pavlić B., Naffati A., Hojan T., Vladić J., Zeković Z., **Vidović S. Microwave-assisted extraction (MAE) of wild apple fruit dust – Production of polyphenol-rich extracts from filter tea factory by-products.** Journal of Food Process Engineering, (2016), DOI: 10.1111/jfpe.12508.

34. Vladić J., Zeković Z., Cvejcin A., Adamović D., **Vidović S. Optimization of *Satureja montana* extraction process considering phenolic antioxidants and antioxidant activity.** Separation Science and Technology, (2014), 49(13), 2066-2072
35. Mujčić I., Bavcon Kralj M., Jokić S., Jug T., Šubarić D., Vidović S., Živković J., Kristjan J. **Characterisation of volatiles in dried white varieties figs (*Ficus carica* L.),** Journal of Food Science and Technology, (2014), 51, 1837-1846
36. Cvjetko M., Jokić S., Lepojević Ž., **Vidović S.,** Marić B., Radojčić Redovniković I. **Optimization of the supercritical CO₂ extraction of oil from rapeseed using response surface methodology,** Food Technology and Biotechnology, (2012), 50 (2), 208-215
37. Radojković M., Zeković Z., Jokić S., **Vidović S.,** Lepojević Ž., Milošević S. **Optimization of extraction of phenolic compounds and antioxidant activity from black mulberry leaves: A Response Surface Methodology Approach.** Food Technology and Biotechnology, (2012), 50 (2), 167-176
38. Jokić S., Svilović S., Zeković Z., **Vidović S.,** Velić D. **Solubility and kinetics of soybean oil and fatty acids in supercritical CO₂,** European Journal of Lipid Science and Technology, (2011), 113(5), 644-651
39. Jokić S., Sudar R., Zeković Z., **Vidović S. Mathematical modelling of soybean oil solubility in supercritical carbon dioxide.** Interantional journal of Food Science and Technology, (2011), 46, 1031-1037
40. Mujčić I., Zeković Z., **Vidović S.,** Radojković M., Živković J., Godevac D. **Fatty acids profiles of four wild mushrooms and their potential benefits for hypertension treatment,** Journal of Medicinal Food, (2011), 14 (11), 1330-1337
41. Jokić S., Zeković Z., **Vidović S.,** Sudar R., Nemet I., Bilić M., Velić D. **Supercritical CO₂ extraction of soybean oil: process optimisation and triacylglycerol composition,** Interantional journal of Food Science and Technology, (2010), 45, 1939-1946
42. Jevrić L., Karadžić M., Podunavac-Kuzmanović S., Tepić Horecki A., Kovačević S., Vidović S., Šumić Z., Ilin Z. **New guidelines for prediction of antioxidant activity of *Lactuca sativa* L. varieties based on phytochemicals content and multivariate chemometrics.** Journal of Food Processing and Preservation, (2017), in press.
43. Šumić Z., Tepić A., **Vidović S,** Pavlić B., Vladić J. **Drying of Shiitake mushrooms in a vacuum dryer and optimization of the process by response surface methodology (RSM),** (2016), Journal of Food Measurement & Characterization, 10 (3), 425-433
44. Pavlić B., Đurković AV, Vladić J, Gavarić A, Zeković Z, Tepić A, **Vidović S. Extraction of Minor Compounds (Chlorophylls and Carotenoids) from Yarrow–Rose Hip Mixtures by Traditional versus Green Technique,** Journal of Food Process Engineering, (2016), 39, 418-424
45. Šumić Z., Tepić A., **Vidović S.,** Vakula A., Vladić J., Pavlić B. **Process optimization of chanterelle (*Cantharellus cibarius*) mushrooms vacuum drying.** Journal of Food Processing and Preservation, (2016). DOI: 10.1111/jfpp.12822
46. Aladić K., Jokić S., Moslavac T., Tomas S., **Vidović S.,** Vladić J., Šubarić D. **Cold pressing and supercritical CO₂ extraction of hemp (*Cannabis sativa*) seed oil,** Chemical and Biochemical Engineering Quarterly, (2014), 28 (4), 481-490
47. Jokić S., Podunavac Kuzmanović S., Jevrić L., Sudar R., **Vidović S.,** Aladić K., Kovačević S. **HPLC Retention Behaviour of Triacylglycerols Extracted from Soybean Oil by Supercritical CO₂,** Croatia Chemica Acta, (2014), 87(3), 261-269
48. **Vidović S.,** Zeković Z., Jokić S. **Clavaria mushrooms and extracts: investigation on valuable components and antioxidant properties,** International Journal of Food Properties, (2014), 17, 2072-2081

49. Jokić S., Sudar R., Svilović S., **Vidović S.**, Bilić M., Velić D., Jurković V. **Fatty acid composition of the oil obtained from soybeans by extraction with supercritical carbon dioxide**, Czech Journal of Food Sciences, (2013), 31, 116-125
50. Radojković M., Zeković Z., **Vidović S.**, Kočar D., Mašković P. **Free radical scavenging activity, total phenolic and flavonoid contents of mulberry (*Morus spp. L.*, *Moraceae*) extracts**, Hemijska Industrija, (2012), 66(4), 547-552
51. Radojković M., Zeković Z., Jokić S., **Vidović S.** **Determination of optimal extraction parameters of mulberry leaves grown in Serbia using Response Surface Methodology (RSM)**, (2012), Romanian Biotechnological Letters, 17(3), 7295-7308
52. **Vidović S.**, Mujić I., Zeković Z., Lepojević Ž., Radojković M., Živković J. **The Antioxidant Properties of Polypore Mushroom *Daedaleopsis confragosa***, Central European Journal of Biology, (2011), 6(4), 575-582
53. Milošević S., Lepojević Ž., Zeković Z., **Vidović S.** **Determination of extraction conditions of *Ginkgo biloba L.* leaves by supercritical CO₂ using response surface methodology**, Hemijska Industrija, (2011), 65(2), 147-157
54. Milošević S., Zeković Z., Lepojević Ž., **Vidović S.**, Cvetanović A., Radojković M. **Antioxidant properties of tablets prepared from ginkgo, echinacea and mentha dried extracts**, Roumanian Biotechnological Letters, (2011), 16(5), 6481-6487
55. Živković J., Zeković Z., Mujić I., **Vidović S.**, Cvetković D., Lepojević Ž., Nikolić G., Trutić N. **Scavenging Capacity of Superoxide Radical and Screening of Antimicrobial Activity of *Castanea Sativa Mill.***, Czech Journal of Food Science, (2010), 28 (1), 61-68
56. Filip S., **Vidović S.**, Pavlić B., Zeković Z. **Determination of optimal parameters of basil supercritical fluid extraction by response surface methodology**, Acta Periodica Technologica, (2016), 47, 193-203
57. Zeković Z., Filip S., **Vidović S.**, Adamović D., Elgndi M. **Basil (*Ocimum basilicum L.*) essential oil and extracts obtained by supercritical fluid extraction**, Acta Periodica Technologica, (2015), 46, 259-269
58. **Vidović S.**, Zeković Z., Lepojević Ž., Radojković M., Jokić S., Anačkov G. **Optimization of the *Ocimum basilicum L.* extraction process regarding the antioxidant activity**, Acta Periodica Technologica, (2012), 43: 315-323.
59. Zeković, Z, Adamović D, Četković G, Radojković M, **Vidović S.** Essential oil and extract of coriander (*Coriandrum sativum L.*). Acta Periodica Technologica, (2011), (42), 281-288.
60. Vakula A, Tepić Horecki A, Šumić Z, Vidović S, Drinić Z, Pavlić B. **Optimization of Garlic (*Allium sativum L.*) vacuum drying process by response surface methodology (RSM)**. Journal on Processing and Energy in Agriculture, (2016), 20, 3, 1140-121.
61. Rajić M., Jokić S., Bilić M., **Vidović S.**, Bošnjak A., Adžić D. **The application of Herzegovinian herbs in production of tea mixes**. Scientific-Professional Journal of Nutrition and Dietetics, (2014), 3 (1), 31-37
62. Mujić I., Dudaš S., Skutin H.M., Perušić D., Zeković Z., Lepojević Ž., Radojković M., **Vidović S.**, Milošević S., Mesić E. **Determination of antioxidant properties of fig fruit extracts (*Ficus carica L.*)**, Acta Horticulturae, (2012), 940(14), 369-376
63. Mujić I., Šertović E., Jokić S., Sarić Z., Alibabić V., **Vidović S.**, Živković J. **Isoflavone content and antioxidant properties of soybean seeds**. Croatian Journal of Food Science Technology, (2011), 3, 9-13
64. Mujić I., Živković J., Nikolić G., **Vidović S.**, Trutić N., Kosić U., Jokić S., Ružnić A. **Phenolic compounds in Olive Leaf Extract as a Source of Useful Antioxidants**. Croatian Journal of Food Technology, Biotechnology and Nutrition, (2011), 6 (3-4), 129-133.

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2010 Certificate for **HACCP system administrator.**

2008-2009: Coordinator of scientific exhibits at Festival of Science Novi Sad, Serbia:
“Magnificent world of essential oils”, “Destroy free radicals - find antioxidant” (2008, 2009).