

Curriculum Vitae
Dr Pavle Mašković, assistant professor
University of Kragujevac
Faculty of Agronomy in Čačak



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Date of Birth, place: **18 April 1983, Leskovac, Republic of Serbia**
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Education:

2009 – 21 Dec 2011

**Ph. D. in Chemical Sciences, Major in Biochemistry,
Faculty of Natural Sciences and Mathematics, University of
Kragujevac**

**Ph. D. Thesis: “Biochemical activity of alcoholic
extract of *Halacsya sendtneri*, *Onosma aucherianum* and
Kitaibelia vitifolia as a function of phenolic content”**

2007

**B. Sc. in Chemistry, Department of Chemistry,
Faculty of Natural Sciences and Mathematics, University of
Kragujevac**

PROFESSIONAL EXPERIENCE

2014 - 2015

**Postdoctoral Fellow, Aristotle University of
Thessaloniki, Faculty of Pharmacy, Department of
Pharmacognosy, Thessaloniki, Greece**

2012-

Associate Professor

1 Sep 2010 –

**Present Teaching Assistant in Chemistry, Faculty of
Agronomy Čačak, University of Kragujevac**

Publications and Projects:

PUBLICATIONS

1) Nićiforović N., Mihailović V., **Mašković P.**, Solujić S., Stojković A. and Pavlović Muratspahić D. 2010. Antioxidant activity of selected plant species; potential new sources of natural antioxidants. Food and Chemical Toxicology, ISSN 0278-6915, 48(11), 3125-3130. <http://dx.doi.org.proxy.kobson.nb.rs:2048/10.1016/j.fct.2010.08.007>. Citati: ISI/Web of Science (18), SCIndeks (1), Scopus (21), **IF= 2.999 (M21)**

2) Nedeljko T. Manojlovic, Perica J. Vasiljevic, **Pavle Z. Maskovic**, Marina Juskovic and Gordana Bogdanovic-Dusanovic, 2011. "Chemical composition, antioxidant and antimicrobial activities of lichen Umbilicaria cylindrica (L.) Delise (Umbilicariaceae)," ECAM/452431. Evidence-Based Complementary and Alternative Medicine. ISSN 1741-427X, Volume 2012, Article ID 452431, 8 pages. doi:10.1155/2012/452431. Citati: ISI/Web of Science (1) Scopus (4), **IF=4.774 (M21)**

3) Milan Mladenović, Mirjana Mihailović, Desanka Bogojević, Nenad Vuković, Slobodan Sukdolak, Sanja Matić, Neda Nićiforović, Vladimir Mihailović, **Pavle Mašković**, Miroslav M. Vrvić, Slavica Solujić, European Journal of Medicinal Chemistry, 2012. Biochemical and pharmacological evaluation of 4- hydroxychromen-2-ones bearing polar C-3 substituents as anticoagulants ISSN: 0223-5234, Volume 54 - Pages 144-158 (pp. 1-958) (August 2012), <http://dx.doi.org/10.1016/j.ejmech.2012.04.036>. Citati: ISI/Web of Science (2), Scopus (2), **IF=3.499 (M21)**

4) Nedeljko T. Manojlovic, Perica J. Vasiljevic, **Pavle Z. Maskovic**, Chemical composition, antioxidant and antimicrobial activities of lichen Toninia candida (Weber) Th. Fr (Catillariaceae), 22(2): 291-298, Mar./Apr. 2012. Revista Brasileira de Farmacognosia, ISSN 0102-695X, <http://dx.doi.org/10.1590/S0102-695X2011005000184>. **IF=3,462 (M21)**

5) Aleksandra Cvetanović, Jaroslava Švarc-Gajić, **Pavle Mašković**, Saša Savić, Ljubiša Nikolić (2014): Antioxidant and biological activity of chamomile extracts obtained by different techniques: perspective of using superheated water for isolation of biologically active compounds. Industrial Crops and Products, INDCRO-7540; No. of Pages 10, ARTICLE IN PRESS G Model, INDCRO-7540; No. of Pages 10, xxx (2014) xxx-xxx. **IF = 3.208 (M21)**

6) Vladimir S. Kurćubić, **Pavle Z. Mašković**, Jelena M. Vujić, Danijela V. Vranić, Slavica M. Vesković-Moračanin, Đordje G. Okanović, Slobodan V. Lilić (2014): Antioxidant and antimicrobial activity of *Kitaibelia vitifolia* extract as alternative to the added nitrite in fermented dry sausage. Meat Science, 97/4, pp. 459-467. DOI: 10.1016/j.meatsci.2014.03.012 **IF = 2.754 (M21)**

7) Aleksandra Cvetanović, Jaroslava Švarc-Gajić, Zoran Zeković, Saša Savić, Jelena Vulić, Pavle Mašković, Gordana Četković, Comparative analysis of antioxidant, anti-microbiological and cytotoxic activities of native and fermented chamomile ligulate flower extracts, Planta. DOI 10.1007/s00425-015-2308-2, **IF = 3.376 (M21)**

8) **Pavle Mašković**, Slavica Solujić, Vladimir Mihailović, Milan Mladenović, Milica Cvijović, Jelena Mladenović, Gordana Aćamović-Đoković, Vladimir Kurćubić, 2011. Phenolic compounds and biological activity of *Kitaibelia vitifolia*. Journal of Medicinal Food. ISSN 1096-620X, J Med Food 14 (12) 2011, 1-7, doi: 10.1089/jmf.2011.0013. Citati: ISI/Web of Science (1), Scopus (1), **IF= 1.699 (M22)**

9) **Pavle Mašković**, Marija Radojković, Mihailo Ristić and Slavica Solujić, Studies on the Antimicrobial and Antioxidant Activity and Chemical Composition of the Essential Oils of *Kitaibelia vitifolia*, NPC Natural Product Communications, 2013, Vol. 8 No. 5, 667 – 670. ISSN 1934-578X (printed); ISSN 1555-9475 (online) Published online (www.naturalproduct.us). **IF=1.242 (M22)**

10) Kurćubić S. Vladimir*, **Mašković Z. Pavle**, Karan Dragica, Vesković-Moračanin M. Slavica, Okanović G. Đordje, Lilić V. Slobodan, Džinić P. Natalija (2014): Sensory properties of sausage fortified by *Kitaibelia vitifolia* extract. Agro FOOD Industry Hi Tech, Vol. 25(1), January/February 2014, 16-19. **IF = 0.294 (M23)**

11) Kurćubić S. Vladimir, Vujić M. Jelena, Iličić D. Mirela, Vranić Danijela, Vesković-Moračanin M. Slavica, **Mašković Z. Pavle** (2014): Effect of plant extracts *Kitaibelia vitifolia* on antioxidant activity, chemical characteristics, microbiological status and sensory properties of Pirotski kachkaval cheese. Hemijska industrija, OnLine-First (00):25-25. DOI:10.2298/HEMIND140129025K. **IF = 0.562 (M23)**

12) Đurić Milena, Mašković Pavle, Čurčić Srećko, Pavlović Milan, Ljujić Milanko (2014): Uptake of Phosphorus and Potassium in Roots of Tomato (*Lycopersicon esculentum* Mill., cv. "Sidra F1") as Dependent Upon Soil Chemical Properties. REV. CHIM. (Bucharest) 65, 784-787, No.7, <http://www.revistadechimie.ro>. **IF = 0.677 (M23)**

13) **Pavle Z. Mašković**, Jelena D. Mladenović, Milica S. Cvijović, Gordana Aćamović- Đoković, Slavica R. Solujić, Marija M. Radojković, 2011. Phenolic content, antioxidant and antifungal activities of acetonc, ethanolic and petroleum ether extracts of *Hypericum perforatum* L. Chemical Industry. ISSN: 0367-598X, doi:10.2298/HEMIND100819004M. Citati: ISI/Web of Science (2), Scopus (3). **IF = 0.562 (M23)**

14) Vladimir Mihailović, Nenad Vuković, Neda Nićiforović, Slavica Solujić, Milan Mladenović, **Pavle Mašković** and Milan Stanković, 4 April, 2011. Studies on the antimicrobial activity and chemical composition of the essential oils and alcoholic extracts of *Gentiana asclepiadea* L. Journal of Medicinal Plants Research, ISSN: 1996-0875. Vol. 5(7), pp. 1164-1174. Citati: ISI/Web of Science (2), Scopus (5), **IF= 0.879 (M23)**

15) Jelena D. Mladenović, **Pavle Z. Mašković**, Radoš M. Pavlović, Blaga C.Radovanović, Gordana Aćamović-Đoković and Milica Cvijović, 2011. Antioxidant activity of ultrasonic extracts of leek *Allium porrum* L. Chemical Industry. ISSN: 0367-598X doi:10.2298/HEMIND110301033M. Citati: ISI/Web of Science (2), Scopus (1), **IF = 0.562 (M23)**

16) **Mašković Pavle Z.**, Manojlović Nedeljko T., Mandić Anamarija I., Mišan Aleksandra Č., Milovanović Ivan Lj., Radojković Marija M., Cvijović Milica S., Solujić Slavica R., Phytochemical screening and biological activity of extracts of plant species

Halacsya sendtneri (Boiss.) Dörf. Chemical Industry. ISSN: 0367-598X, 2012 OnLine-First Issue 00, Pages 43-51, doi:10.2298/HEMIND110828068M. **IF = 0.562 (M23)**

17) **Pavle Mašković**, Jelena Dragišić Maksimović, Vuk Maksimović, Jelena Blagojević, Mladen Vujošević, Nedeljko T. Manojlović, Marija Radojković, Milica Cvijović, Slavica Solujić, Biological activities of phenolic compounds and ethanolic extract of Halacsya sendtneri (Boiss) Dörf. 2012, 7(2), 327-333, Central European Journal of Biology. ISSN: 1895-104X, DOI: 10.2478/s11535-012-0021-8. **IF=1.000 (M23)**

18) Marija M. Radojković, Zoran P. Zeković, Senka S. Vidović, Drago D. Kočar, **Pavle Z. Mašković**, Free radical scavenging activity, total phenolic and flavonoid contents of mulberry (*Morus* spp. L., Moraceae) extracts. 2012, OnLine-First (00):2-2, Chemical Industry. ISSN: 0367-598X, doi:10.2298/HEMIND111111002R,. Citati: ISI/Web of Science (4), Scopus (2), **IF = 0.562 (M23)**

19) Manojlović Nedeljko T., **Mašković Pavle Z.**, Vasiljević Perica J., Jelić Ratomir M., Jusković Marina Ž., Sovrlić Miroslav, Mandić Leka, Radojković Marija, HPLC analysis, antimicrobial and antioxidant activities of *Daphne cneorum* L. 2012, 66(5):709-716, Chemical Industry. ISSN: 0367-598X, DOI:10.2298/HEMIND120114029M. Citati: Scopus (1), **IF = 0.562 (M23)**

20) Đurić Milena, **Mašković Pavle**, Murtić Senad, Veljković Biljana, Čurčić Srećko, Paunović Gorica, Rakočević Bošković Ljiljana. Quantitation of ellagic acid in blackberries, 2013, Hemijska industrija 2014 OnLine-First Issue 00, Pages: 48-48 doi:10.2298/HEMIND130306048D, **IF = 0.562 (M23)**

PROJECTS:

Min Ministry of Agriculture, Forestry and Water Management, STAR Project No. 401-001972/2010-03, and the Approval 03-2375/2 obtained from the Institute for Nature Conservation of Serbia.

Directed synthesis of nanostructured multifunctional materials from the viewpoint of their application (172057). Supported by the Ministry of Education, Science and Technological Development of Republic of Serbia.

Additional Information:

RESEARCH AREAS OF INTEREST

- Microbiological Chemistry
- Chemistry of Natural Products
- Plant Biochemistry
- Biochemistry of Primary and Secondary Metabolites