

LISTA PUBLIKACIJA

Kategorija M20

1. Beara I., Lesjak M., Četojević Simin D., Marjanović Ž., Ristić J., **Mrkonjić Z.**, Mimica Dukić N. (2014). Phenolic profile, antioxidant, anti-inflammatory and cytotoxic activities of black (*Tuber aestivum* Vittad.) and white (*Tuber magnatum* Pico) truffles (Article). *Food Chemistry*, 165, 460-466. (M21)
2. Nađpal J., Lesjak M., **Mrkonjić Z.**, Majkić T., Četojević-Simin D., Mimica N., Beara I. (2018). Phytochemical composition and in vitro functional properties of three wild rose hips and their traditional preserves. *Food Chemistry*, 241, 290-300. (M21)
3. Lesjak, M., Beara, I., Orčić, D., Anačkov, G., Knežević, P., **Mrkonjić, Z.**, Mimica-Dukić, N. (2017). Bioactivity and chemical profiling of the *Juniperus excelsa* which support its usage as a food preservative and nutraceutical. *International Journal of Food Properties*, 20: 1652-1663. (M22)
4. Šavikin, K., Krstić-Milošević, D., Menković, N., Beara, I., **Mrkonjić, Z.**, Pljevljakušić, D. (2017). *Crataegus orientalis* Pall. ex M.Bieb. leaves and berries: phenolic profiles, antioxidant and anti-inflammatory activity. *Natural Product Communications*, 12: 159-162. (M23)
5. **Mrkonjić, Z.**, Nađpal, J., Beara, I., Aleksić Sabo, V., Četojević-Simin, D., Mimica-Dukić, N., Lesjak, M. (2017). Phenolic profiling and bioactivities of fresh fruits and jam of *Sorbus* species. *Journal of the Serbian Chemical Society*, 82 (6): 651-664. (M23)
6. **Mrkonjić Z.**, Nađpal J, Beara I, Šibul F, Knežević P, Lesjak M, Mimica-Dukić N. (2019). Fresh fruits and jam of *Sorbus domestica* L. and *Sorbus intermedia* (Ehrh.) Pers.: phenolic profiles, antioxidant action and antimicrobial activity. *Botanica Serbica*, 43(2): 187-196. (M24)

Kategorija M30

1. **Mrkonjić, Z.**, Nađpal, J., Rakić, B., Lesjak, M., Beara, I. (2016). Chemical profiling and antioxidant activity of *Sorbus intermedia* (Ehrh.) Pers fruit extracts and jam. 6th Congress of Pharmacy in Macedonia with international participation, Ohrid, Macedonia, 1-5 June. Book of abstracts, 485-486. (M33)
2. Rakić, B., Grujić-Letić, N., Goločorbin-Kon, S., **Mrkonjić, Z.**, Drljača, J., Rašković, A. (2016). Chemical characterization and determination of antioxidant activity of basil (*Ocimum basilicum* L.) extracts using different types of *in vitro* tests. 6th Congress of Pharmacy in Macedonia with international participation, Ohrid, Macedonia, 1-5 June. Book of abstracts, 481-481. (M33)
3. **Mrkonjić, Z.**, Jovanović Galović, A., Jovanović Lješković, N., Zloh, M., Vidović, S., Vladić, J., Ilić, M., Dizdar, M., Kojić, V., Jakimov, D. (2019). Chemical composition and cytotoxicity of *Helichrysum italicum* extract grown in urban conditions. International Conference on Advanced Production and Processing, Novi Sad, Book of abstracts, 193. (M34)
4. **Mrkonjić, Z.**, Jolić, M., Kalić, M., Dizdar, M., Jovanović Galović, A. (2019). Antioxidant activity of *Melissa officinalis* extracts. International Conference on Advanced Production and Processing, Novi Sad, Book of abstracts, 165 (M34)
5. Ilić, M., Živković, J., Šavikin, K., **Mrkonjić, Z.**, Jojić, N., Jovanović Lješković, N., Menković, N. (2019). Chemical profiling of wines obtained from autochthonous grape variety Prokupac. International Conference on Advanced Production and Processing, Novi Sad, Book of abstracts, 167. (M34)
6. Jovanović Galović, A., Kojić, V., Jakimov, D., Jojić, N., **Mrkonjić, Z.**, Ilić, M., Gigov, S., Vidović, S., Vladić, J., Zloh, M., Jovanović Lješković, N. (2019). Molecular effects of plant extracts: Three immunochemical methods in two examples. Conference of the Serbian Biochemical Society with international participation, Belgrade, Book of abstracts, 107. (M34)
7. Kalić, M., Balaž, F., Teofilović, B., **Mrkonjić, Z.**, Grebić, T., Jovanović Galović, A., Stojanović, S. (2018). Influence of operational conditions and extraction methods on antioxidant activity of Immortelle extracts (*Helichrysum italicum* (Roth) G. Don fil.). Kongres farmaceuta Srbije sa međunarodnim učešćem, Beograd. (M34)
8. Kalić, M., Sarač, M., Jovanović Lješković, N., **Mrkonjić, Z.**, Dizdar, M., Teofilović, B., Miljković, S. (2018). Influence of Immortelle oil extracts addition on organoleptic characteristics of cosmetic creams. Kongres farmaceuta Srbije sa međunarodnim učešćem, Beograd. (M34)

9. Balaž, F., Teofilović, B., **Mrkonjić, Z.**, Jovanović – Galović, A., Kalić, M., Stojanović, S. (2018). Antioxidant activity of immortelle extracts (*Helichrysum italicum* (Roth) G. Don fil.) Balkan Botanical Congress-7BBC, Novi Sad, 9-14 September, Book of abstracts, 148. **(M34)**
10. **Mrkonjić, Z.**, Nađpal, J., Šibul, F., Majkić, T., Pintać, D., Lesjak, M., Beara, I. (2016). *Rosa sempervirens* L. rose hips as a promising source of antioxidant agents. The International Bioscience Conference and the 6th International PSU – UNS Bioscience Conference IBSC. Novi Sad, Serbia, 19-21 September. Book of abstracts, 211-212. **(M34)**
11. Nađpal, J., **Mrkonjić, Z.**, Ćuk, M., Majkić, T., Pintać, D., Lesjak, M., Beara, I. (2016). *Rosa dumetorum* Thuill hips and food products as a source of phenolic compounds and acetylcholinesterase inhibitors. The International Bioscience Conference and the 6th International PSU – UNS Bioscience Conference IBSC. Novi Sad, Serbia, 19-21 September. Book of abstracts, 213-214. **(M34)**
12. Rakić, B., Grujić Letić, N., Goločorbin-Kon, S., Rašković, A., **Mrkonjić, Z.**, Stojanović S. (2016). Chemical composition and free radical scavenging activity of non-polar basil extracts. The International Bioscience Conference and the 6th International PSU – UNS Bioscience Conference IBSC. Novi Sad, Serbia, 19-21 September. Book of abstracts, 174. **(M34)**
13. Rakić, B. Grujić Letić N., Goločorbin-Kon S., Rašković, A., **Mrkonjić, Z.** (2016). Chemometric approach of antioxidant profile of sweet basil The International Bioscience Conference and the 6th International PSU – UNS Bioscience Conference IBSC. Novi Sad, Serbia, 19-21 September. Book of abstracts, 173. **(M34)**
14. Rakić, B., Grujić Letić, N., Goločorbin-Kon, S., Rašković, A., **Mrkonjić, Z.** (2016). Influence of conditions and methods of extraction on chemical composition of basil extracts (*Ocimum basilicum* L.) 2nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, Bosnia and Herzegovina, 21-23 October, Book of abstracts, 91. **(M34)**
15. **Mrkonjić, Z.**, Ristić, J., Majkić, T., Pintać, D., Lesjak, M., Beara, I. (2015). Jam and extracts of *Sorbus domestica* L. fruits as a potential sources of phenolic compounds. Service tree- tree for new Europe, Tvarožná Lhota, Motava, Czech Republic, 20-21. September. Book of abstracts, 61-62. **(M34)**
16. **Mrkonjić, Z.**, Nađpal, J., Šibul, F., Ćuk, M., Lesjak, M., Majkić, T., Beara, I. (2015). *Rosa arvensis* Huds. 1762 rose hip extracts and preserves as a source of phytochemicals with antioxidant properties. 1st Rose and hawthorn Conference in Carpathian Basin, Gödöllő, Hungary, 29-30 May. Book of abstracts, 237-238. **(M34)**
17. Pintać, D., Majkić, T., Nađpal, J., **Mrkonjić, Z.**, Bekvalac, K., Lesjak, M., Beara, I. (2015). Inhibitory potential of *Rosa canina* and *Rosa sempervirens* fruit extracts towards acetylcholinesterase. 63rd International Congress and Annual Meeting of the Society for Medicinal Plants and Natural Product Research- GA2015, Budapest, Hungary, 23-27. August. Book of abstracts, 460. **(M34)**
18. Šibul, F., Orčić, D., Nađpal, J., **Mrkonjić, Z.**, Francišković, M., Majkić, T., Bekvalac, K. (2015). Anti-inflammatory and antioxidant activity of white lupin (*Lupinus albus*) aerial parts 63rd International Congress and Annual Meeting of the Society for Medicinal Plants and Natural Product Research- GA2015, Budapest, Hungary, 23-27 August. Book of abstracts, 411-412. **(M34)**
19. Lesjak, M., Beara, I., Četojević-Simin, D., Marjanović, Ž., **Mrkonjić, Z.**, Mimica, N. (2014). Phenolic profile and biological activities of black summer truffles (*Tuber aestivum* Vittad.) 62nd International Congress and Annual Meeting of the Society for Medicinal Plants and Natural Product Research- GA2014, 31 August-4 September, Guimarães, Portugal. Book of abstracts, 146-147. **(M34)**

Kategorija M60

1. Majkić, T., Pintać, D., **Mrkonjić, Z.**, Torović, Lj., Mimica-Dukić, N., Lesjak, M., Beara, I. (2016). Chemical characterisation and biological potency of merlot variety grape juice and wine from Fruška Gora region. Serbian Biochemical Society Sixth Conference. Beograd, Srbija, 18. Novembar, Knjiga apstrakata, 131-132. **(M64)**
2. **Mrkonjić, Z.**, Nađpal, J., Lesjak, M., Beara, I. (2015). Dried fruits of *Sorbus aucuparia* L. 1753 as a new antioxidant agents. Treća konferencija mladih hemičara, Beograd, Srbija, 24. Oktobar, Knjiga apstrakata, 6. **(M64)**
3. **Mrkonjić, Z.**, Ristić, J., Majkić, T., Pintać, D., Lesjak, M., Beara, I., Šibul, F. (2015). Phenolic profile and antioxidant activity of fruits of *Sorbus domestica* L. 52. Savetovanje Srpskog Hemijskog Društva, Novi Sad, Srbija, 29-30. Maj. Knjiga apstrakata, 93. **(M64)**

4. Nađpal, J., Marković, N., **Mrkonjić, Z.**, Majkić, T., Pintać, D., Lesjak, M., Beara, I. (2015). Fenolni profil i antioksidantni potencijal šipka vrste *Rosa arvensis* Huds 52. Savetovanje Srpskog Hemijskog Društva, Novi Sad, Srbija, 29-30.Maj. Knjiga apstrakata, 94. **(M64)**
5. Pintać, D., Majkić, T., Nađpal, J., **Mrkonjić, Z.**, Beara, I., Lesjak, M. (2015). Antioksidantni potencijal šire i vina „Frankovka“ 52. Savetovanje Srpskog Hemijskog Društva, Novi Sad, Srbija, 29-30.Maj. Knjiga apstrakata, 104. **(M64)**
6. **Mrkonjić, Z.**, Nađpal, J., Šibul, F., Lesjak, M., Beara, I., Mimica-Dukić, N. (2015). *Sorbus aucuparia* L. as a potential antioxidant agent. Closing Conference of Hungary-Serbia IPA Cross-border Co-operation Programme, Cross-border cooperation in development of a novel herbal drug targeting *Helicobacter pylori* (HELICO) - HUSRB/1203/214/230 (2013-2015), Novi Sad, Serbia, February 13. Book of abstracts, 16. **(M64)**
7. Majkić, T., Pintać, D., Ristić, J., **Mrkonjić, Z.**, Lesjak, M., Beara, I. (2015). *Rosa arvensis* Huds. fruits as a source of antioxidant agents. Closing Conference of Hungary-Serbia IPA Cross-border Co-operation Programme, Cross-border cooperation in development of a novel herbal drug targeting *Helicobacter pylori* (HELICO) - HUSRB/1203/214/230 (2013-2015), Novi Sad, Serbia, February 13. Book of abstracts, 24. **(M64)**
8. Nađpal, J., **Mrkonjić, Z.**, Šibul, F., Lesjak, M., Beara, I., Mimica-Dukić, N. (2015). *Rosa sempervirens* L. fruits and their fruit preserves as a source of phytochemicals with antioxidant properties. Closing Conference of Hungary-Serbia IPA Cross-border Co-operation Programme, Cross-border cooperation in development of a novel herbal drug targeting *Helicobacter pylori* (HELICO) - HUSRB/1203/214/230 (2013-2015), Novi Sad, Serbia, February 13. Book of abstracts, 20. **(M64)**
9. Ristić, J., **Mrkonjić, Z.**, Majkić, T., Lesjak, M., Beara, I., Mimica-Dukić, N. (2014). Antioxidant potential of *Rosa canina* L. fruits and its traditional food products. 10th Meeting of Young Chemical Engineers, Zagreb, Croatia, February 20-21. Book of abstracts, 183. **(M64)**
10. **Mrkonjić, Z.**, Ristić, J., Majkić, T., Lesjak, M., Beara, I., Mimica-Dukić, N. (2014). Plant extracts and jam of *Sorbus torminalis* (L.) Crantz as new source of antioxidant agents. 10th Meeting of Young Chemical Engineers, Zagreb, Croatia, February 20-21. Book of abstracts, 168. **(M64)**
11. Majkić, T., Ristić, J., **Mrkonjić, Z.**, Lesjak, M., Beara, I., Mimica-Dukić, N. (2014). Fresh and dry fruits of *Rosa canina* L. as a source of antioxidant agents. 10th Meeting of Young Chemical Engineers, Zagreb, Croatia, February 20-21. Book of abstracts, 161. **(M64)**
12. Ristić, J., Ždero, R., **Mrkonjić, Z.**, Lesjak, M., Beara, I., Mimica-Dukić, N. (2012). Hemijska karakterizacija i antiinflamatorna aktivnost metanolnog ekstrakta i etarskog ulja šišarki vrste *Juniperus macrocarpa* Sibth. et Sm. Prva konferencija mladih hemičara Srbije, Beograd, Srbija, 19-20. Oktobar. Kratki izvodi radova, 35. **(M64)**

Kategorija M70

1. Mrkonjić, Z., (2017): Fitohemijska karakterizacija i biohemijska ispitivanja plodova vrsta roda *Sorbus* L. 1753 (Rosaceae, Maloideae) kao izvora prirodnih nutraceutika. Doktorska disertacija. Prirodno-matematički fakultet, Univerzitet u Novom Sadu. **(M71)**

