

PUBLICATION LIST

Category 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)**

Category 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)**

Category 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)**

Category M70

1. Mrkonjić, Z., (2017): Phytochemical characterization and biochemical investigation of fruits of species of the genus *Sorbus* L. 1753 (Rosaceae, Maloideae) as a source of natural nutraceuticals. Doctoral dissertation. Faculty of Science, University of Novi Sad. **(M71)**

