

1. Vidic, D., Čopra-Janićijević, A., Miloš, M., **Maksimović, M. (2018)** Effects of Different Methods of Isolation on Volatile Composition of *Artemisia annua* L., *International Journal of Analytical Chemistry*, Volume 2018, Article ID 9604183, 6 pages; <https://doi.org/10.1155/2018/9604183>.
2. Ćavar Zeljković, S., Tan, K., Siljak-Yakovlev, S., **Maksimović, M. (2017)** Essential Oil Profile, Phenolic Content and Antioxidant Activity of *Geranium kikianum*, *Natural Product Communications*, **12** (2), 273-276.
3. Ivankovic, S., Stojkovic, R., **Maksimovic, M.**, Galic, B., Milos, M. (2016) Impact of calcium ion on cytotoxic effect of the boroxine derivative, $K_2[B_3O_3F_4OH]$, *Journal of Enzyme Inhibition and Medicinal Chemistry*, **31** (S3), 70–74.
4. Vidic, D., Ćavar Zeljković, S., Dizdar, M., **Maksimović, M. (2016)** Essential oil composition and antioxidant activity of four Asteraceae species from Bosnia. *Journal of Essential Oil Research*, **28** (5) 445-457.
5. Ćavar Zeljković, S., Topčagić, A., Požgan, F., Štefane, B., Tarkowski, P., **Maksimović, M. (2015)**. Antioxidant activity of natural and modified phenolic extracts from *Satureja montana* L. *Industrial Crops and Products*, **76**, 1094-1099.
6. Ćavar Zeljković, S., **Maksimović, M. (2015)** Chemical composition and bioactivity of essential oil from *Thymus* species in Balkan Peninsula, *Phytochemistry Reviews*, **14** (3) 335-352.
7. Ćavar, S., Vidic, D., **Maksimović, M. (2013)** Volatile constituents, phenolic compounds, and antioxidant activity of *Calamintha glandulosa* (Req.) Benth., *Journal of the Science of Food and Agriculture*, **93**, 1758–1764.
8. Ćavar, S., **Maksimovic, M.**, Vidic, D., Parić, A. (2012) Chemical Composition and Antioxidant and Antimicrobial Activity of Essential Oil of *Artemisia annua* L. from Bosnia, *Industrial Crops and Products*, **37**, 479-485.
9. Ćavar, S., Kovač, F., **Maksimović, M.**, (2012), Evaluation of the Antioxidant Activity of a Series of 4-Methylcoumarins Using Different Testing Methods, *Food Chemistry*, **133**, 930-937.
10. Ćavar, S., **Maksimovic, M. (2012)** Antioxidant Activity of Essential Oil and Aqueous Extract of *Pelargonium graveolens* L'Her. *Food Control*, **23**, 263-267.
11. Haveric, S., Haveric, A., Bajrovic, K., Galic, B., **Maksimovic, M. (2011)** Effects of dipotassium trioxohydroxytetrafluorotriborate ($K_2[B_3O_3F_4OH]$) on genetic material and inhibition of cell division in human cell cultures, *Drug and Chemical Toxicology*, **34**, 250–254.
12. Ćavar, S., Šolić, M. E., & **Maksimović, M. (2013)**. Chemical composition and antioxidant activity of two *Satureja* species from Mt. Biokovo. *Botanica SERBICA*, **37** (2): 159-165.
13. Vidic, D., Ćavar, S., Šolić, M. E., **Maksimović, M. (2010)** Volatile Constituents of Two Rare Subspecies of *Thymus praecox*, *Natural Product Communications*, **5**, 1123-1126
14. Vidic, D., **Maksimović, M.**, Ćavar, S., Siljak-Yakovlev S. (2010) Influence of the continental climatic condition on the essential oil composition of *Salvia brachyodon* Vandas transferred from Adriatic Coast, *Chemistry & Biodiversity*, **7**, 1208-1216.
15. Ćavar, S., **Maksimović, M.**, Vidic, D. (2009) The Essential Oil of *Thymus aureopunctatus* (Beck) K. Malý, *Natural Product Communications*, **4**, 415-420.
16. Ćavar, S., Kovač, F., **Maksimović, M. (2009)** Synthesis and antioxidant activity of selected 4-methylcoumarins, *Food Chemistry*, **117**, 135-142.
17. Ćavar, S., **Maksimović, M.**, Šolić, M. E., Jerković-Mujkić, A., Bešta, R. (2008) Chemical composition and antioxidant and antimicrobial activity of two *Satureja* essential oils, *Food Chemistry*, **111**, 648-653.
18. **Maksimović, M.**, Vidic, D., Miloš, M., Šolić, M. E., Abadžić, S., Siljak-Yakovlev, S. (2007) Effect of the environmental conditions on essential oil profile in two Dinaric *Salvia* species: *S. brachyodon* Vandas and *S. officinalis* L., *Biochemical Systematics and Ecology*, **35**, 473-478.

19. Jukic, M., Politeo, O., **Maksimovic, M.**, Milos, M., Milos, M. (2007) *In vitro* acetylcholinesterase inhibitory properties of thymol, carvacrol and their derivatives thymoquinone and thymohydroquinone, *Phytotherapy Research*, **21**, 259-261.
20. Maric, S., **Maksimovic, M.**, Milos, M. (2006) The Impact of the Locality Altitudes and Stages of Development on the Volatile Constituents of *Salvia officinalis* L. from Bosnia and Herzegovina, *Journal of Essential Oil Research*, **18**, 178-180.
21. **Maksimović, M.**, Nikolin, A., Nikolin, B. (1990) Mass Spectral Characteristics of Some 3,5-Disubstituted 4-Isoxazolecarboxylic Acids, *Rapid Communications in Mass Spectrometry*, **4**, 12, 513-514.

Naučni radovi u časopisima obuhvaćenim sa **Web of Science-SCI Expanded-**

22. Čavar Zeljković, S., Šolić, M. E., & **Maksimović, M.** (2015). Volatiles of *Helichrysum italicum* (Roth) G. Don from Croatia. *Natural Product Research*, **29** (19) 1874-1877
23. Dahija, S., Čakar, J., Vidic, D., **Maksimović, M.**, Parić, A. (2014). Total phenolic and flavonoid contents, antioxidant and antimicrobial activities of *Alnus glutinosa* (L.) Gaertn., *Alnus incana* (L.) Moench and *Alnus viridis* (Chaix) DC. extracts. *Natural Product Research*, **28** (24), 2317-2320.
24. Čakar, J., Haverić, A., Haverić, S., **Maksimović, M.**, Parić, A. (2014): Cytotoxic and genotoxic activity of some *Helleborus* species, *Natural Product Research*: **28**(12), 883-887.
25. Čakar, J., Parić, A., **Maksimović, M.**, Bajrović, K. (2012) Antioxidative and antitumor properties of *in vitro* cultivated broccoli (*Brassica oleracea* var. *italica*), *Pharmaceutical Biology*, **50** (2):175-181.
26. Čakar, J., Parić, A., Vidic, D., Haverić, A., Haverić, S., **Maksimović, M.**, Bajrović, K. (2011) Antioxidant and antiproliferative activities of *Helleborus odoratus* Waldst. & Kit, *H. multifidus* Vis. and *H. hercegovinus* Martinis. *Natural Product Research*, **25** (20): 1969-74
27. Čavar, S., **Maksimović, M.**, Vidic, D., Šolić, M. E. (2010) Chemical Composition of the Essential Oil of *Stachys menthifolia* Vis., *Pharmaceutical Biology*, **48** (2), 170-176.
28. Vidic, D., **Maksimović, M.**, Čavar, S., Šolić, M. E. (2009) Comparison of Essential Oil Profiles of *Satureja montana* L. and Endemic *Satureja visianii* Šilić, *Journal of Essential Oils Bearing Plants*, **12**, 273-281.

Naučni radovi u časopisima obuhvaćenim sa **Web of Science - Emerging Sources Citation Index**

29. Čulum, D., Čopra-Janićijević, A., Vidic, D., Klepo, L., Tahirović, A., Bašić, N., & **Maksimović, M.** (2018). HPLC-ED Analysis of Phenolic Compounds in Three Bosnian *Crataegus* Species. *Foods*, **7**(5), 66.
30. Dizdar, M., Vidic, D., Požgan, F., Štefane, B., & **Maksimović, M.** (2018). Acetylcholinesterase Inhibition and Antioxidant Activity of *N-trans*-Caffeoyldopamine and *N-trans*-Feruloyldopamine. *Scientia pharmaceutica*, **86**(2), 11.

Naučni radovi u časopisima obuhvaćenim sa **Citation in Chemical Abstracts, CAS**

31. Vidic, D., Tarić, E., Alagić, J., **Maksimović M.** (2014) Determination of total phenolic content and antioxidant activity of ethanol extracts from *Aloe* spp. *Glasnik hemičara i tehnologa Bosne i Hercegovine-Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, **42**, 5-10.
32. Čakar, J., Parić, A., **Maksimović, M.**, Bajrović, K. (2012) Effect of Plant Nutrients on Antiradical Activity of *In Vitro* Cultivated Broccoli (*Brassica oleracea* L. var. *italica* Plenk.), *Glasnik hemičara i tehnologa Bosne i Hercegovine-Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, **39**, 35-38.
33. Otajagić, S., Pinjić Dž., Čavar S., Vidic, D., **Maksimović, M.** (2012) Total phenolic content and antioxidant activity of ethanolic extracts of *Aesculus hippocastanum* L., *Glasnik hemičara i*

tehnologa Bosne i Hercegovine-Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, **38**, 35-39.

34. **Maksimović, M.**, Šober, M., Lekić, M., Nikolin, A., Nikolin, B. (2005-2006) Mass Spectral Characteristics of Some 4-Quinolinecarboxylic Acid Derivatives, *Pharmacia*, **16**, 5, 5-9.
35. Janković, M., Grujić, R., **Maksimović, M.**, Lakušić, R. (1989/90) Izolacija valepotriata iz biljke *Centranthus slavnicii* Lakušić et col., *Glasnik hemičara i tehnologa Bosne i Hercegovine-Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, **36/37**, 99.
36. **Maksimović, M.**, Nikolin, A. (1987-8) Izolacija i određivanje strukture glikozida iz sjemena *Mirabilis jalapa* L., *Glasnik hemičara i tehnologa Bosne i Hercegovine-Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, **34/35**, 93.
37. Dursun, K., **Maksimović, M.**, Prskalo, M., Petronijević, B. (1977-8) Određivanje slobodnih aminokiselina imele (*Viscum album*) i njenog domaćina kruške, *Glasnik hemičara i tehnologa Bosne i Hercegovine-Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, **25**, 25-7.

Naučni radovi u časopisima obuhvaćenim sa **CAB database**

38. Čavar, S., **Maksimović, M.**, Šolić, M. E. (2011) Biological Activity and Essential Oil Analysis of Endemic *Centaurea gloriosa* var. *multiflora* Radic, *Analytical Chemistry Letters*, **1**(2):173-180. Publisher: Taylor & Francis Group. **Print ISSN: 2229-7928 Online ISSN: 2230-7532**
39. Vidic, D., Čavar, S., **Maksimović, M.** (2009) Hlapivi konstituenti dviju biljnih vrsta roda *Acinos*, *Radovi Hrvatskog Društva za znanost i umjetnost*, **XI**, 159-166.
40. Čavar, S., Vidic, D., Topčagić, A., Šolić, M. E., **Maksimović, M.** (2009) Kemijski sastav i antioksidacijska aktivnost eteričnog ulja biljne vrste *Salvia sclarea* L., *Radovi Hrvatskog Društva za znanost i umjetnost*, **XI**, 167-175.
41. Čavar, S., Vidic, D., **Maksimović, M.** (2008) Fitokemijska karakterizacija biljne vrste *Artemisia annua* L., *Radovi Hrvatskog Društva za znanost i umjetnost*, **X**, 157-162.
42. Čavar, S., Vidic, D., **Maksimović, M.** (2008) Analiza hlapivih komponenata iz biljnog materijala *Salvia officinalis* L. headspace tehnikom, *Radovi Hrvatskog Društva za znanost i umjetnost*, **X**, 163-168.

Naučni radovi u časopisima sa međunarodnom recenzijom

43. Čavar, S., **Maksimović, M.**, Šolić, M. E. (2010) Comparison of essential oil composition of *Stachys menthifolia* Vis. from two natural habitats in Croatia. *Biologica Nyssana*, **1-2**, 99-103. **ISSN: 2217-4606**.
44. Čavar, S., Vidic, D., **Maksimović, M.** (2009) GC-MS Analiza volatilnih konstituenata *Thymus moesiacus* Velen. *Glasnik hemičara, tehnologa i ekologa Republike Srpske*, **2**, 27-29. **ISSN: 1840-054X**, obuhvaćen sa **EBSCO database**

Naučni radovi - **Proceedings** – na međunarodnoj konferenciji

45. Haverić, S., Haverić, A., **Maksimović, M.**, Galić, B., Bajrović, K. (2013) Induction of sister chromatid exchanges in human lymphocyte cultures treated with dipotassium tetrafluoroborate, 1st Symposium of Geneticists in Bosnia and Herzegovina, February 17-19, 2011, Sarajevo, 80-84.
46. Čavar, S., Čopra-Janićijević, A., Muradić, S., **Maksimović, M.**, Sofić, E. (2010) Chemical composition of essential oil of *Allium ursinum* L., 6th Conference on Aromatic and Medicinal Plants of Southeast European Countries, 6th CMAPSEEC, Antalya, Turkey, 1057-1064. **ISBN: 978-605-61261-0-9**
47. Čavar, S., Vidic, D., Topčagić, A., Šolić, M. E., **Maksimović, M.** (2010) Chemical composition and antioxidant activity of *Teucrium arduini* L., 6th Conference on Aromatic and Medicinal Plants of

Southeast European Countries, 6th CMAPSEEC, Antalya, Turkey, 1065-1076. ISBN: 978-605-61261-0-9

Naučni rad u u knjizi sa međunarodnom recenzijom

48. **Maksimović, M. (2005)** Are There Opportunities for Cooperative University-Industry Projects in Our Traditional Research? in KNOWLEDGE AND WEALTH CREATION, Sourcebook on Inovative Capacity Building at Universities, Selected Examples in Europe, UNESCO-ICCS, Ljubljana, Slovenia, p. 151-165. ISBN: 86-81449-15-X

Sažeci naučnih radova u časopisima obuhvaćenim sa Web of Science-SCI Expanded-

49. Sofic, E., Copra-Janicijevic, A., **Maksimovic, M.**, Tahirovic, I., Klepo, L., Topcagic, A., Huseinovic, S., Vidic, D., Cavar, S., Kroyer, G. (2011) Determination of Hypericin in St. John's Wort (*Hypericum perforatum* L.) extracts using HPLC-ED, *Planta Medica*, 77, SL51.
50. Čavar, S., Vidic, D., **Maksimović, M.** (2010) Chemical composition and antioxidant activity of essential oil and aqueous extract of *Pelargonium graveolens* L'Her. *Planta Medica*, 76, 1225-1226.
51. Vidic, D., Čavar, S., **Maksimović, M.** (2010) Antioxidant activity of two *Satureja* species. *Planta Medica*, 76, 1227.
52. Čavar, S., Vidic, D., **Maksimović, M.** (2009) Essential Oil Profile of *Thymus jankae* Celak. from Bosnia, *Planta Medica*, 75, 930.
53. Čavar, S., Vidic, D., **Maksimović, M.** (2008) Volatile Constituents of *Thymus moesiacus* Velen. from Bosnia, *Planta Medica*, 74, 1194.
54. Vidic, D., Čavar, S., **Maksimović, M.** (2008) Chemical Constituents of the Headspace and Essential oil of *Thymus balcanus* Borbàs, *Planta Medica*, 74, 1194.
55. Čavar, S., **Maksimović, M.**, Vidic, D., Parić, A. (2006) Antioxidant and antibacterial activity of *Artemisia annua* L. plant extracts and essential oil, *FEBS Journal*, 273, Supplement 1, 298.

Naučni radovi prezentirani na naučnim skupovima:

56. Dizdar, M., Topčagić, A., Brković, M., Vidic, D., Štefane, B., Požgan, F., **Maksimović, M.** (2018) Antioxidant and Butyrylcholinesterase Inhibitory Activity of Selected Phenolic Acids and Their Derivatives, 3rd Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, Book of Abstracts, 62.
57. Grbo, M., Dizdar, M., Vidic, D., **Maksimović, M.** (2018) *Nigella sativa* L. ss an Antioxidant and Acetylcholinesterase Inhibitor, 3rd Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, Book of Abstracts, 67.
58. Vidic D., Čopra-Janicijević A., Korać N. **Maksimović M.** (2018) Chemical Composition of Essential Oil of Endemic Species *Acinos orontius* from Bosnia and Herzegovina, 7th Balkan Botanical Congress, Novi Sad, Serbia, *Botanica Serbica*, Vol. 42 (supplement 1) 7BBC Book of abstracts 131.
59. Vidic D., Čavar Zeljković S., **Maksimović M.** (2018) Volatile constituents of *Melaleuca alternifolia* Essential Oil, 7th Balkan Botanical Congress, Novi Sad, Serbia, *Botanica Serbica*, Vol. 42 (supplement 1) 7BBC Book of abstracts 132.
60. Čavar Zeljković S., Siljak-Yakovlev S., Tan K., **Maksimović M.** (2018) Chemical Composition and Antioxidant Activity of *Geranium macrorrhizum* L. Essential Oil in Relation to Ploidy Level and Environmental Conditions, 7th Balkan Botanical Congress, Novi Sad, Serbia, *Botanica Serbica*, Vol. 42 (supplement 1) 7BBC Book of abstracts 142.

61. Dizdar, M., Vidic, D., Štefane, B., Požgan, F., **Maksimović, M. (2016)** Structure-activity Relationship of 4-Hydroxybenzoic Acid Derivatives as Potential Antioxidants. 2nd Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, Book of Abstracts, 100.
62. Haljković, F., Hadžić, S., Dizdar, M., Vidic, D., **Maksimović, M. (2016)** Naringenin and Naringin as Antioxidants: A Comparative Study. 2nd Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, Book of Abstracts, 101.
63. Jozeljčić, B., Vidic, D., Dizdar, M., Korać, N., **Maksimović, M. (2016)** Comparative Analysis of Composition and Antioxidant Activity of *Satureja montana* L. Essential Oil from Two Localities. 2nd Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, Book of Abstracts, 104.
64. Drlječan, N., Vidic, D., Korać, N., **Maksimović, M. (2016)** Chemical Composition and Antioxidant Activity of *Micromeria juliana* L. Essential Oil. 2nd Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, Book of Abstracts, 120.
65. Hadžić, S., Haljković, F., Dizdar, M., Vidic, D., **Maksimović, M. (2016)** *In vitro* Antioxidant Activity of Quercetin and Rutin. 2nd Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, Book of Abstracts, 122.
66. Vidic, D., Čavar, S., Dizdar, M., **Maksimović, M. (2014)** Chemical Composition and Antioxidant Activity of Four Asteraceae Essential Oils, Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International participation, *Glasnik hemičara i tehnologa Bosne i Hercegovine-Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, Book of Abstracts, 113.
67. Dizdar, M., Vidic, D., Čavar, S., Požgan, F., Štefane, B., **Maksimović, M. (2014)** Antioxidant Activity of Chlorogenic Acid and Ester Analogues, Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International participation, *Glasnik hemičara i tehnologa Bosne i Hercegovine-Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, Book of Abstracts, 127.
68. Tarić, E., Vidic, D., Požgan, F., Štefane, B., **Maksimović, M. (2014)** Antioxidant Activity of Rosmarinic Acid, Gallic Acid and Their Derivatives, Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International participation, *Glasnik hemičara i tehnologa Bosne i Hercegovine-Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, Book of Abstracts, 128.
69. Parić, A., Dahija, S., Haverić, S., **Maksimović, M., Vidic, D. (2012)** *In vitro* cytotoxic activity of *Alnus glutinosa* (L.) Gaertn. extracts, 19. Tagung der Austrian Society of Plant Biology (ATPB), Lienz, Austria, Abstracts, 72.
70. Čavar, S., **Maksimović, M. Kovač, A., Kazić, M. (2012)** Phenolic content and antioxidant activity of *Artemisia absinthium* L., 19. Tagung der Austrian Society of Plant Biology (ATPB), Lienz, Austria, Abstracts, 49.
71. Čavar, S., **Maksimović, M., Vidic, D. (2012)** Phytochemical analysis of *Calamintha glandulosa* (Req.) Benth., 19. Tagung der Austrian Society of Plant Biology (ATPB), Lienz, Austria, Abstracts, 22.
72. Bencun, Ž., Čavar, S., Vidic, D., Šolić, M. E., **Maksimović, M. (2012)** Volatile constituents of *Helichrysum italicum* (Roth) G. Don Fil., 7th Conference on Aromatic and Medicinal Plants of Southeast European Countries, CMAPSEEC, Subotica, Republic of Serbia, Book of Abstracts, 54.
73. Čavar, S., Vidic, D., **Maksimović, M. (2012)** Volatile constituents of several rare *Thymus* species from Balkan Peninsula, 7th Conference on Aromatic and Medicinal Plants of Southeast European Countries, CMAPSEEC, Subotica, Republic of Serbia, Book of Abstracts, 66.

74. Otajagić, S., Vidic, D., Ćavar, S., Šolić, M. E., **Maksimović, M. (2012)** Phenolic content and antioxidant activity of *Helichrysum italicum*, 7th Conference on Aromatic and Medicinal Plants of Southeast European Countries, CMAPSEEC, Subotica, Republic of Serbia, Book of Abstracts, 120.
75. Kovač, A., Kazić, M., Ćavar, S., **Maksimović, M. (2012)** Phenolic Content and Antioxidant Activity of *Achillea millefolium* L., IX Susret mladih kemijskih inženjera, Zagreb, Croatia, 16.-17. veljače, Knjiga sažetaka 139.
76. Vidic, D., Ćavar, S., Filipović, A., Đurić, K., Muflizović, E., **Maksimović, M. (2011)** Phenolic content and antioxidant activity of *Calamintha glandulosa* (REQ.) Bentham, International conference „Medicinal and Aromatic Plants in Generating of New Values in 21th Century“, Sarajevo, Book of Abstracts, 59-60.
77. Ćavar, S., Vidic, D., Kulenović, A., Polutak, A., **Maksimović, M. (2011)** Volatile constituents of *Calamintha glandulosa* (REQ.) Bentham, International conference „Medicinal and Aromatic Plants in Generating of New Values in 21th Century“, Sarajevo, Book of Abstracts, 60-61.
78. Dahija, S., Haverić, S., **Maksimović, M.**, Vidic, D., Parić, A. (2011) *In vitro* citotoxic activity of *Alnus incana* extracts, International conference „Medicinal and Aromatic Plants in Generating of New Values in 21th Century“, Sarajevo, Book of Abstracts, 241.
79. Ćakar, J., Parić, A., **Maksimović, M.**, Bajrović, K. (2011) Antioxidative activity of *in vitro* cultivated broccoli (*Brassica oleracea* var. *italica*), 22nd International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, Book of Abstracts, 53.
80. Dudević, S., Vidic, D., **Maksimović, M.**, Ćakar, J., Parić, A. (2011) Total phenolic and flavonoid contents of *Alnus glutinosa* (L.) Gaertn., *A. incana* (L.) Moench and *A. viridis* (Chaix) DC. extracts, 19th Symposium of the Serbian Plant Physiology Society, Banja Vrujci, Serbia, Abstracts: 60.
81. Ćakar, J., Parić, A., Haverić, A., Rahmanović, A., Haverić, S., Vidic, D., **Maksimović, M.**, Bajrović K (2011) Bioactivity of *Helleborus hercegovinus* Martinis extracts, 19th Symposium of the Serbian Plant Physiology Society, Banja Vrujci, Serbia, Abstracts: 67
82. Sofic, E., Copra-Jančićević, A., **Maksimovic, M.**, Tahirovic, I., Klepo, L., Topcagic, A., Huseinovic, S., Vidic, D., Cavar, S., Kroyer, G. (2011) Determination of Hypericin in St. John's Wort (*Hypericum perforatum* L.) extracts using HPLC-ED, 59th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Antalya, Turkey, *Planta Medica*, **77**, Book of Abstracts, SL51.
83. Haverić, S., Haverić, A., Rahmanović A., **Maksimović, M.**, Galić, B., Bajrović, K. (2011) Indukcija izmjena sestrinskih hromatida u humanim limfocitima periferne krvi tretiranim kalijum tetrafluoroboratom, I. Simpozij genetičara u Bosni i Hercegovini, Sarajevo, Knjiga apstrakata, 37.
84. Klepo, L., Čopra-Jančićević, A., **Maksimovic, M.**, Kroyer, G., Sofic, E. (2010) Fluorimetric determination of scopoletin in *Artemisia annua* L. 1st Conference of Natural Health, Mostaganem, Algeria, Book of Abstracts., PP-69, 120.
85. Cavar, S., Vidic, D., **Maksimovic, M. (2010)** Chemical composition and antioxidant activity of essential oil and aqueous extract of *Pelargonium graveolens* L'Her. 58th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Berlin, Germany, *Planta Medica*, **76**, Book of Abstracts, P132
86. Vidic, D., Cavar, S., **Maksimovic, M. (2010)** Antioxidant activity of two *Satureja* species. 58th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Berlin, Germany, *Planta Medica*, **76**, Book of Abstracts, P137
87. Ćavar, S., Kovač, F., **Maksimović, M. (2010)** Synthesis and antioxidant activity of selected 4-methylcoumarins, VIII Susret mladih kemijskih inženjera, Zagreb, Croatia, Book of Abstracts, 19. **ISBN: 978-953-6470-48-8**
88. Topčagić, A., Ćavar, S., **Maksimović, M. (2010)** Total phenolic contents and antioxidant activity of some *Salvia* species, VIII Susret mladih kemijskih inženjera, Zagreb, Croatia, Book of Abstracts, 113. **ISBN: 978-953-6470-48-8**

89. Kulenović, A., Filipović, A., Đurić, K., Polutak, A., Muflizović, E., Čavar, S., **Maksimović, M. (2010)** Antioxidant activity of thymoquinone and its derivatives in comparison with chemical constituents of seeds of Black cumin (*Nigella sativa* L.), VIII Susret mladih kemijskih inženjera, Zagreb, Croatia, Book of Abstracts, 98. **ISBN: 978-953-6470-48-8**
90. Čavar, S., Topčagić, A., Vidic, D., **Maksimović, M. (2010)** Chemical composition and antioxidant activity of *Teucrium arduini* L., 6th Conference on Aromatic and Medicinal Plants of Southeast European Countries, 6th CMAPSEEC, Antalya, Turkey, *Pharmacognosy Magazine*, **6**, 22, (Suppl.) S135, PP-292
91. Čavar, S., Čopra-Janićijević, A., Muradić, S., Sofić, E., **Maksimović, M. (2010)** Chemical composition of essential oil of *Allium ursinum* L., 6th Conference on Aromatic and Medicinal Plants of Southeast European Countries, 6th CMAPSEEC, Antalya, Turkey, *Pharmacognosy Magazine*, **6**, 22, (Suppl.) S135, PP-294.
92. Vidic, D., Čavar, S., **Maksimović, M. (2010)** Volatile constituents of Two *Acinos* Species, 6th Conference on Aromatic and Medicinal Plants of Southeast European Countries, 6th CMAPSEEC, Antalya, Turkey, *Pharmacognosy Magazine*, **6**, 22, (Suppl.) S135, PP-293.
93. Čavar, S., **Maksimović, M.**, Šolić, M. E. (2010) Essential Oil Composition of *Stachys menthifolia* Vis., 10th Symposium on the flora of southeastern Serbia and neighboring regions, Vlasina lake, Niš, Serbia, Book of Abstracts, 89-90.
94. Kulenović, A., Čavar, S., Vidic, D., Šolić, M. E., **Maksimović, M. (2010)** Volatile Constituents of *Satureja cuneifolia* Ten. from Biokovo Mountain. 10th Symposium on the flora of southeastern Serbia and neighboring regions, Vlasina lake, Niš, Serbia, Book of Abstracts, 90.
95. Dudević, S., Vidic, D., **Maksimović, M.**, Parić, A. (2010) Antimicrobial and antioxidant activity of *Alnus glutinosa* (L.) Gaertn., *A. incana* (L.) Moench and *A. viridis* (Chaix) DC. Extracts, 10th Symposium on the flora of southeastern Serbia and neighboring regions, Vlasina lake, Niš, Serbia, Book of Abstracts, 94
96. Čakar, J., Parić, A., Vidic, D., **Maksimović, M.**, Bajrović, K. (2010) Antioxidant activity of extracts of *Helleborus odorus* Waldst. & Kit, *H. multifidus* Vis. and *H. hercegovinus* Martinis., 10th Symposium on the flora of southeastern Serbia and neighboring regions, Vlasina lake, Niš, Serbia, Book of Abstracts, 97.
97. Čavar, S., Topčagić, A., Kulenović, A., Šolić, M. E., **Maksimović, M. (2010)** Total Phenolics and Antioxidant Activity of Extracts of Endemic *Centaurea gloriosa* var. *multiflora* Radic., IX Savjetovanje hemičara i tehnologa RS, Banja Luka, BiH, Zbornik izvoda radova, 32-33.
98. Čakar, J., Haverić, A., Haverić, S., Muratović, E., **Maksimović, M.**, Parić A (2009) Antitumor properties of some *Helleborus* species, 5th Balkan Botanical Congress, The 80th anniversary of Turrill's Plant life of the Balkan Peninsula, Belgrade, Serbia, Abstracts: 141
99. Čavar, S., Vidic, D., Topčagić, A., Šolić, M. E., **Maksimović, M. (2009)** Chemical Composition and Antioxidant Activity of Essential Oil of *Salvia sclarea* L., 5th Balkan Botanical Congress, The 80th anniversary of Turrill's Plant life of the Balkan Peninsula, Belgrade, Serbia, Book of Abstracts, 143.
100. Čavar, S., Vidic, D., **Maksimović, M. (2009)** Essential oil profile of *Thymus jankae* Celak. from Bosnia, 57th International Congress and Annual Meeting of the Society for Medicinal Plant Research and Natural Product Research, Geneva, Switzerland, *Planta Medica*, Book of Abstracts, PB10, 930.
101. Čavar, S., Vidic, D., **Maksimović, M. (2008)** GC-MS Analiza volatilnih konstituenata *Thymus moesiacus* Velen. VIII Savjetovanje hemičara i tehnologa RS, Zbornik radova, 269-273. **ISBN: 978-99938-54-27-2**
102. Čavar, S., Vidic, D., **Maksimović, M. (2008)** GC-MS Investigation of the Volatile Constituents of *Thymus moesiacus* Velen. VIII Savjetovanje hemičara i tehnologa RS, Banja Luka, BiH, Zbornik izvoda radova, Book of Abstracts, 78.
103. Vidic, D., Čavar, S., **Maksimović, M.**, Šolić, M. E. (2008) GC-MS Analysis of the Volatile Constituents of *Satureja visianii* Šilić Growing Wild in Croatia, 14th International Symposium on

- Separation Sciences, New Achievements in Chromatography, Primošten, Croatia, Book of Abstracts, P-3, 47.
104. Ćavar, S., Vidic, D., **Maksimović, M.**, Šolić, M. E. (2008) Chemical Composition of the *Stachys menthifolia* Vis. Essential Oil, 14th International Symposium on Separation Sciences, New Achievements in Chromatography, Primošten, Croatia, Book of Abstracts, P-86, 134.
 105. Ćakar, J., Parić, A., **Maksimović, M.**, Bajrović, K. (2008) Antioxidant and antitumorous properties of *in vitro* cultivated broccoli (*Brassica oleracea* L. var. *italica* Plenk.), Joint Meeting of AFERP, ASP, GA, PSE & SIF, Natural Products with Pharmaceutical, Nutraceutical, Cosmetic and Agrochemical Interest, Athens, Greece, Book of Abstracts, PH 68, 55.
 106. Ćavar, S., Vidic, D., **Maksimović, M.** (2008) Volatile Constituents of *Thymus moesiacus* Velen. from Bosnia, 7th Joint Meeting of AFERP, ASP, GA, PSE & SIF, Natural Products with Pharmaceutical, Nutraceutical, Cosmetic and Agrochemical Interest, Athens, Greece, *Planta Medica*, Book of Abstracts, 74, PI10, 301.
 107. Vidic, D., Ćavar, S., **Maksimović, M.** (2008) Chemical Constituents of the Headspace and Essential oil of *Thymus balcanus* Borbàs, 7th Joint Meeting of AFERP, ASP, GA, PSE & SIF, Natural Products with Pharmaceutical, Nutraceutical, Cosmetic and Agrochemical Interest, Athens, Greece, *Planta Medica*, Book of Abstracts, 74, PI11, 301.
 108. Marić, S., **Maksimović, M.**, Miloš, M. (2007) The Impact of Drying on the Composition of Volatile Constituents of Bosnian Pine (*Pinus heldreichii* Christ. var. *leucodermis*), 38th International Symposium on Essential Oils, Graz, Austria, Book of Abstracts, 103.
 109. Vidic, D., Ćavar, S., Abadžić, S., **Maksimović, M.**, Siljak-Yakovlev, S. (2007) Influence of Continental Climatic Condition on Essential Oil Composition of *Salvia brachyodon* Vandas Transplanted from Adriatic Coast, 38th International Symposium on Essential Oils, Graz, Austria, Book of Abstracts, 205.
 110. Ćavar, S., Vidic, D., Šolić, M. E., **Maksimović, M.** (2007) Comparison of Essential Oil Composition of Three *Thymus striatus* Vahl Populations from Balkan Peninsula, 38th International Symposium on Essential Oils, Graz, Austria, Book of Abstracts, 224.
 111. Ćavar, S., **Maksimović, M.**, Vidic, D., Parić, A. (2006) Antioxidant and Antibacterial Activity of *Artemisia annua* L. Plant Extracts and Essential Oil, 31st FEBS Congress, Istanbul, Turkey, Book of Abstracts, PP-820.
 112. Hindija, J., Parić, A., **Maksimović, M.**, Vidic, D., Ćavar, S., Bajrović, K. (2006) Antioxidative and Antitumorous Properties of Extracts of Broccoli Cultivated *in vitro*, IV International Balkan Botanical Congress, Sofia, Bulgaria, Book of Abstracts, 291.
 113. Ćavar, S., **Maksimović, M.**, Vidic, D. (2006) GC/MS Investigation of the Volatile Constituents of Three *Thymus* Species Growing Wild in Bosnia, IV International Balkan Botanical Congress, Sofia, Bulgaria, Book of Abstracts, 285.
 114. Bešlagić, S., Mehmedagić, A., **Maksimović, M.** (2006) Examining the Possibility of Content Determining of Ethylendiamine in Aminophyllene Injections by Spectrophotometric Method, First Bosnia and Hercegovinias Congress on Pharmacy, Sarajevo, Book of Abstracts, P-37, 139.
 115. **Maksimović, M.**, Vidic, D., Miloš, M., Šolić, M. E., Abadžić, S., Siljak-Yakovlev, S. (2005) Analysis of Essential Oil Composition Revealed Inter-Specific and Inter-Population Differentiation in Two *Salvia* Species, XVII International Botanical Congress, Vienna, Austria, Book of Abstracts, P0747, 358.
 116. Vidic, D., **Maksimović, M.**, Ćavar, S., Miloš, M. (2005) The Essential Oil Composition of Some *Salvia* Species from Bosnia, XVII International Botanical Congress, Vienna, Austria, Book of Abstracts, P2016, 556.
 117. Vidic, D., **Maksimović, M.**, Ćavar, S., Miloš, M. (2005) Determination of Chemical Constituents of the Essential Oil from Two *Micromeria* Species, 14th International Symposium «Spectroscopy in Theory and Practice», Nova Gorica, Slovenia, Book of Abstracts, P27, 73.

118. **Maksimović, M. (2003)** Searching for Opportunities for Cooperative University-Industry Research -Medicinal Plants as an Example, UNESCO-ICCS Workshop on Capacity Building for Development of Innovative Potential at Universities Kranjska gora, Slovenia, Oral presentation.
119. **Maksimović, M., Čopra, A., Brbora, D., Nikiforov, A., Reich, M. (2003)** Characterization of the Essential Oils and a Comparison of Headspace Constituents of Some Aromatic Plants of Lamiaceae Family, Third International Balkan Botanical Congress, Sarajevo, BiH, Lecture, Book of Abstracts, 271.
120. Brbora, D., Ilić, Z., Čavar, S., **Maksimović, M., Miloš, M. (2003)** Gas Chromatography–Mass Spectrometry Investigation of the Volatile Constituents of *Artemisia annua* L. Third International Balkan Botanical Congress, Sarajevo, BiH, Book of Abstracts, 279.
121. Brbora, D., **Maksimović, M., Čopra, A., Hajdar, M. (2002)** Volatile Constituents of the Headspace and Essential Oil of *Artemisia annua* L., 4th Slovenian Symposium on Separation Techniques, Novo Mesto, Slovenia. Book of Abstracts, 107.
122. Čopra, A., **Maksimović, M., Brbora, D., Selman, S. (2002)** Volatile Constituents of the Headspace and Essential Oil of *Satureja montana* L., 4th Slovenian Symposium on Separation Techniques, Novo Mesto, Slovenia, Book of Abstracts, 109.
123. Čopra, A., Kalcher, K., Turkušić, E., **Maksimović, M. (2001)** Development of an Amperometric Sensor for the Determination of Uric Acid, 8th Young Investigators' Seminar on Analytical Chemistry, Pardubice, Ceska, Book of Abstracts, 14-5.
124. **Maksimović, M., Reich, M., Nikiforov, A., Kählig, H. P. (1998)** Gaschromatographisch-Spektroskopische Untersuchungen der Ätherischen Öle einiger Gewürz-und Heilpflanzen aus Bosnien, Posterpräsentation: 15. Hewlett Packard Forum Analytic Wien, Austrija, 19-21 Jänner.
125. **Maksimović, M., Velagić-Vatrenjak, V. (1997)** Development Situation in Bosnia and Herzegovina–Toxic Waste Prevention and Management, Workshop: "University Role in Sustainable Human Development", Ljubljana, Oral presentation.
126. **Maksimović, M., Nikolin, A., Nikolin, B., Šober, M. (1991)** Mass Spectra of Some Quinoline Derivatives, VI jugoslovenski simpozijum analitičke hemije, Sarajevo, Book of Abstracts, 4.2 (150)
127. **Maksimović, M., Nikolin, A., Nikolin, B., Šober, M. (1991)** Synthesis of 3,5-Disubstituted 4-Isoxazolecarboxylic Acids, XII Sastanak kemičara Hrvatske, Zagreb, Book of Abstracts, C-1 (140).
128. **Maksimović, M., Nikolin, A., Nikolin, B., Šober, M. (1990)** Spektri masa nekih derivata izoksazola, YUMASS-4, Četvrta letnja škola i simpozijum o spektrometriji masa, Donji Milanovac, izvod saopštenja (88)
129. Janković, M., Grujić, R., **Maksimović, M. (1989)** Izolacija valepotriata i saharida iz biljke *Centranthus slavnicii* Lakušić et col., V kongres Saveza biohemijskih društava Jugoslavije, Novi Sad, izvod saopštenja P 13.7 (331)
130. **Maksimović, M., Nikolin, A., Nikolin, B., Krtalić, N. (1989)** Synthesis of Isoxazole Derivatives, VI European Symposium on Organic Chemistry, ESOC-6, Beograd, Book of Abstracts, AP 012 (58)
131. **Maksimović, M., Nikolin, A. (1987)** Synthesis of Quinoline Derivatives, IV jugoslovenski simpozij o organskoj hemiji, Beograd, Book of Abstracts, PO-38 (152-3)
132. Janković, M., **Maksimović, M., Grujić, R. (1984)** Izdvajanje lanolina i kikirikijevog ulja iz otpadnog materijala, Radno savjetovanje o prikupljanju sekundarnih sirovina, Sarajevo, Knjiga 2. 1-2.
133. Janković, M., **Maksimović, M., Grujić, R. (1983)** Separation of Lanoline from Waste Material, Jugoslovenski simpozij o hemiji drva i celuloze, Banja Luka, Book of Abstracts, S-III (77)
134. Nikolin, A., **Maksimović, M. (1981)** Ispitivanje hemijskog sastava biljke *Mirabilis jalapa* L., II jugoslovenski simpozij o organskoj kemiji, Zagreb, izvod saopštenja, S-3/26, 435.
135. Nikolin, A., **Maksimović, M., Nikolin, B., Kekić, M. (1979)** Glycosides from Seeds, Leaves and Roots of *Mirabilis jalapa* L., VI jugoslovenski kongres za čistu i primijenjenu hemiju, Sarajevo, Book of Abstracts, 4-11, 138.