

PERSONAL INFORMATION



Marko Mladenović

1. Koče Racina 9/1, Niš, Serbia
 2. Faculty of Science and Mathematics, Višegradska 33, 18000, Niš, Serbia (work)

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 markohem87@gmail.com

Gender Male | Date of birth March 31th, 1987 | Nationality Serbian

WORK EXPERIENCE

January 2017 – June 2017
and
September 2013 – January 2014

Teaching Assistant

Faculty of Science and Mathematics, University of Niš, Serbia; www.pmf.ni.ac.rs
(Department of Chemistry, Preparative organic chemistry, Organic synthesis)

Jun 2018 - Present

Scientific Associate (ORCID: <https://orcid.org/0000-0003-2098-901500-0003-2098-9015>)

Faculty of Science and Mathematics, University of Niš, Serbia; www.pmf.ni.ac.rs
Combinatorial libraries of heterogeneous catalysts, natural products, modified natural products and their analogues: way to biologically active agents, funded by the Ministry of Education, Science and Technological Development of Serbia (Project leader: prof. dr. Niko Radulović)

May 2013 – Jun 2018

Research Assistant

Faculty of Science and Mathematics, University of Niš, Serbia; www.pmf.ni.ac.rs
Combinatorial libraries of heterogeneous catalysts, natural products, modified natural products and their analogues: way to biologically active agents, funded by the Ministry of Education, Science and Technological Development of Serbia (Project leader: prof. dr. Niko Radulović)

February 2011 - April 2013

Junior Researcher

Faculty of Science and Mathematics, University of Niš, Serbia; www.pmf.ni.ac.rs
Combinatorial libraries of heterogeneous catalysts, natural products, modified natural products and their analogues: way to biologically active agents, funded by the Ministry of Education, Science and Technological Development of Serbia (Project leader: prof. dr. Niko Radulović)

EDUCATION AND TRAINING

2018 – 2019 (6 months)

Postdoctoral research in Chemistry

Institute of Chemistry at University of Nice – Sophia Antipolis, Nice, France;
Synthesis, spectral characterization, and olfactory properties of homologous series of fatty acids,
supervisor: prof. dr. Nicolas Baldovini

2017

PhD in Chemistry – Organic chemistry and biochemistry

Thesis title: “Combinatorial libraries of selected natural and synthetic biologically active esters”, doctoral supervisor: prof. dr. Niko Radulović

Faculty of Science and Mathematics, University of Niš, Serbia

2010

BSc degree in Chemistry

Faculty of Science and Mathematics, University of Niš, Serbia

2012, 2013

7th and 8th Summer School of Mass Spectrometry

Organized by Faculty of Science and Mathematics, University of Niš, Serbia and Université Pierre et Marie Curie, Paris, France (lecture Jean Claude Tabet, Université Pierre et Marie Curie, Paris)

PERSONAL SKILLS

Mother tongue(s)

Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1
Russian	B1	B1	B1	B1	B1

Communicational / organizational skills

- Good communication skills acquired through experience as a teaching assistant and researcher
- Good organization skills gained through the organization of:
 - popular science lectures under the auspices of "Serbian Young Chemists' Club"
 - state and local competitions in chemistry for high-school students
 - 49th International Symposium on Essential Oils
 - 51th Meeting of the Serbian Chemical Society
 - 56th Meeting of the Serbian Chemical Society

Job-related skills

- Responsible, dependable, teachable, initiative, persistent, dedicated, cooperative, people-oriented, communicative, well-organized, multitasking, optimistic
- Runs and maintains a Bruker 400 MHz NMR (including cryogen refill), GC-MS, HPLC, UV-Vis within the research group and faculty level
- His main areas of interest are: organic chemistry, phytochemistry, organic synthesis, NMR, mass spectrometry, biologically active compounds, structure-activity relationship, gas chromatography.
- Good knowledge in GC-MS/ LC/TLC and analysis/profiling/comparison of complex mixtures of (volatile) organic compounds. Structural elucidation of organic compounds (NMR, IR, MS).
- Good skills in biological activity evaluation (e.g. acute toxicity, inhibition of acetylcholinesterase, anti-inflammatory, anti-nociceptive and anxiolytic activity)

Computer skills

- Expert knowledge in MS Office, AMDIS, NIST MS Search, ChemDraw, and MestReNova.
- Good command of web research tools (SciFinder, Scopus)
- Routine (multivariate) statistical analysis in XLSTAT plugin for Excel

Driving license

- B category

ADDITIONAL INFORMATION
Referees

Dr. Niko S. Radubvić
 Full Professor at University of Niš
 Faculty of Sciences and Mathematics, Department of Chemistry
 Višegradska 33, 18000 Niš, Serbia
 Tel (fax) +381 18 533014
 Mob.: +381 62 80 49 210
 e-mail: nikoradubvic@yahoo.com

Dr. Nicolas Baldovini
 Professor at University of Nice – Sophia Antipolis
 Institute of Chemistry, UMR 7272
 Parc Valrose, 06108 Nice cedex 2, France
 Tel 33 (0)492076133
 e-mail: Nicolas.BALDOVINI@unice.fr

Memberships

- Serbian Society for Phytochemistry and Phytomedicine
- Serbian Young Chemists' Club
- Astronomical society 'Alpha'
- Serbian Chemical Society (2012)
- 49th International Symposium on Essential Oils (ISEO 2018) – Organizing Committee

Scholarships and awards

2009, 2014, 2016, 2017

2013

2011

2006

2006

2018

2019

- Scholarship for the best students, Vlasotince, Serbia
- Scholarship for the best students of chemistry and pharmacology from Hemofarm foundation
- Annual Award of the Serbian Chemical Society for outstanding success during the studies
- Prince Karađorđević Annual Award for outstanding success in high school
- The diploma "The student of the generation" for high school students
- IFEAT 2018, 49th International Symposium on Essential Oils
- IFEAT 2019, 50th International Symposium on Essential Oils

Journal Referee

h-index
citations

Food and Chemical Toxicology (7 reports),
Facta Universitatis, Series Physics, Chemistry and Technology (4 reports)
7 (excluding self-citations *h*-index = 6)
more than 100 including self-citations or more than 60 without self-citation

ANNEXES

Publications in international SCI-journals with peer review

1. Niko S. Radulović, Magdalena M. Tasić, Marko Z. Mladenović "Oximes of 3,7-dimethylocta-2,6-dienal: green synthesis, preparative separation of all diastereomers and complete assignment of ¹H and ¹³C NMR spectra", *Journal of Molecular Structure* **2020**, <https://doi.org/10.1016/j.molstruc.2020.129427>. (SCI IF₂₀₁₉ = 2.463, M₂₃)
2. Niko S. Radulović, Marko Z. Mladenović, Milenko N. Ristić, Vidoslav S. Dekić, Biljana R. Dekić, Novica R. Ristić "A new longipinane ketone from *Achillea abrotanoides* (Vis.) Vis.: chemical transformation of the essential oil enables the identification of a minor constituent", *Phytochemical Analysis* **2020**, *31*(4), 501–515. (SCI IF₂₀₁₉ = 2.772, M₂₁)
3. Nikola M. Stojanović, Pavle J. Randjelović, Marko Z. Mladenović, Ivan R. Ilić, Vladimir Petrović, Nenad Stojilković, Sonja Ilić, Niko S. Radulović "Toxic essential oils, part VI: Acute oral toxicity of lemon balm (*Melissa officinalis* L.) essential oil in BALB/c mice", *Food and Chemical Toxicology* **2019**, *133*, 110794. (SCI IF₂₀₁₉ = 4.679, M_{21a})
4. Marko Z. Mladenović, Niko S. Radulović "A synthetic library of allylmethoxyphenyl esters: spectral characterization and gas chromatographic behavior", *Flavour and Fragrance Journal* **2019**, *34*, 471-484. (SCI IF₂₀₁₉ = 1.598, M₂₂)
5. Niko S. Radulović, Marko Z. Mladenović, Nikola M. Stojanović, Pavle J. Randjelovic, Polina D. Blagojević "Structural Elucidation of Presilphiperfolane-7 α ,8 α -diol, a Bioactive Sesquiterpenoid from *Pulicaria vulgaris*: a Combined Approach of Solvent-induced Chemical Shifts, GIAO Calculation of Chemical Shifts, and Full Spin Analysis", *Journal of Natural Products* **2019**, *82*, 1874-1885. (SCI IF₂₀₁₉ = 3.779, M_{21a})
6. Biljana R. Dekić, Milenko N. Ristić, Marko Z. Mladenović, Vidoslav S. Dekić, Novica R. Ristić, Vladimir Randelović, Niko S. Radulović, "Diethyl-ether flower washings of *Dianthus cruentus* Griseb. (Caryophyllaceae): derivatization reactions leading to the identification of new wax constituents", *Chemistry and Biodiversity* **2019**, *16*, e1900153. (SCI IF₂₀₁₉ = 2.039, M₂₂)
7. Marko Z. Mladenović, Niko S. Radulović, "The essential oil of *Achillea ageratifolia* (Sm.) Boiss. subsp. *serbica* (Nyman) Heimerl (Asteraceae) revisited: the stereochemical nomenclature issues, structural elucidation and synthesis of (new) sabinyl esters", *Flavour and Fragrance Journal* **2017**, *32*, 5-23. (SCI IF₂₀₁₇ = 1.950, M₂₂)
8. Niko S. Radulović, Vojkan M. Miljković, Marko Z. Mladenović, Goran S. Nikolić "Essential oils of *Morus alba* and *M. nigra* leaves: Effect of drying on the chemical composition", *Natural Product Communications* **2017**, *12*, 115-118. (SCI IF₂₀₁₇ = 0.809, M₂₃)
9. Tatjana Lj. Mitrović, Slaviša M. Stamenković, Vladimir J. Cvetković, Niko S. Radulović, Marko Z. Mladenović, Milan S. Stanković, Marina D. Topuzović, Ivana D. Radojević, Olgica D. Stefanović, Sava M. Vasić, Ljiljana R. Čomić, Dragana S. Šeklić, Ana D. Obradović, Snežana D. Marković, "Contribution to the knowledge of the chemical composition and biological activity of the lichens *Cladonia foliacea* Huds. (Wild.) and *Hypogymnia physodes* (L.)", *Oxidation communications* **2016**, *38*, 2016-2032. (SCI IF₂₀₁₅ = 0.489, M₂₃)
10. Niko S. Radulović, Marko Z. Mladenović, Pavle J. Randjelovic, Nikola M. Stojanović, Milan S. Dekić, Polina D. Blagojević "Toxic essential oils. Part IV: The essential oil of *Achillea falcata* L. as a source of biologically/pharmacologically active *trans*-sabinyl esters", *Food and Chemical Toxicology* **2015**, *80*, 114-129. (SCI IF₂₀₁₅ = 3.584, M_{21a})
11. Niko S. Radulović, Marko Z. Mladenović, Zorica Stojanović-Radić, Goran A. Bogdanović, Dragana Stevanović, Rastko D. Vukićević "Synthesis, characterization and antimicrobial evaluation of a small library of ferrocene-containing acetoacetates and phenyl analogs - the discovery of a potent anticandidal agent", *Molecular Diversity* **2014**, *18*, 497-510. (SCI IF₂₀₁₄ = 1.896, M₂₁)
12. Niko S. Radulović, Marko Z. Mladenović, Zorica Stojanović-Radić, "Synthesis of small libraries of natural products: New esters of long-chain alcohols from the essential oil of *Scandix pecten-veneris* L. (Apiaceae)", *Flavour and Fragrance Journal* **2014**, *29*, 255-266. (SCI IF₂₀₁₄ = 1.970, M₂₁)
13. Niko S. Radulović, Marko Z. Mladenović, Polina D. Blagojević, "(Un)Targeted Metabolomics in Asteraceae: Probing the Applicability of Essential-Oil Profiles of *Senecio* L. (Senecioneae) Taxa in Chemotaxonomy", *Chemistry and Biodiversity* **2014**, *11*, 1330-1353. (SCI IF₂₀₁₄ = 1.515, M₂₂)
14. Tatjana Mitrović, Slaviša Stamenković, Vladimir Cvetković, Niko Radulović, Marko Mladenović, Milan Stanković, Marina Topuzović, Ivana Radojević, Olgica Stefanović, Sava Vasić, Ljiljana Čomić, "*Platismatia glauca* and *Pseudoevernia furfuracea* lichens as sources of antioxidant, antimicrobial and antibiofilm agents", *EXCLI Journal* **2014**, *13*, 938-953. (SCI IF₂₀₁₄ = 0.857, M₂₂)
15. Niko S. Radulović, Marko Z. Mladenović, Polina D. Blagojević, Zorica Z. Stojanović-Radić, Tatjana Ilic-Tomic, Lidija Senerovic, Jasmina Nikodinovic-Runic "Toxic essential oils. Part III: Identification and biological activity of new allylmethoxyphenyl esters from a Chamomile species (*Anthemis segetalis* Ten.)", *Food and Chemical Toxicology* **2013**, *62*, 554-565. (SCI IF₂₀₁₃ = 2.610, M_{21a})

16. Niko S. Radulović, Marko Z. Mladenović, Polina D. Blagojević, "A 'Low-Level' Chemotaxonomic Analysis of the Plant Family Apiaceae: The Case of *Scandix balansae* Reut. ex Boiss. (Tribe Scandiceae)", *Chemistry and Biodiversity* **2013**, *10*, 1202-1219. (SCI IF₂₀₁₃ = 1.795, M₂₂)
17. Niko S. Radulović, Marko Z. Mladenović, Nevenka D. Đorđević, "Chemotypification of *Astrantia major* L. (Apiaceae): Essential oil and Lignan Profiles of fruits", *Chemistry and Biodiversity* **2012**, *9*, 1320-1337. (SCI IF₂₀₁₂ = 1.808, M₂₂)

Other Publications

1. Marko Z. Mladenović, Niko S. Radulović, "Quantitative structure-retention relationship of gas chromatographic retention indices of long-chain esters: The case of *Scandix-pecten veneris* L. essential-oil constituents", *Facta Universitatis, Series Physics, Chemistry and Technology* **2016**, *14*, 97-104.

International Conferences

1. N. S. Radulović, M. Z. Mladenović; New esters of long-chain alcohols and isobutanoic and isovaleric acids from the essential oil of *Scandix pecten-veneris* L. (Apiaceae); P-19, Book of Abstract 2012, 43th International Symposium on Essential Oils, Lisbon, Portugal.
2. N. S. Radulović, P. D. Blagojević, M. Z. Mladenović; Volatile secondary metabolites of *Senecio vernalis* Waldst. & Kit.; P-20, Book of Abstract 2012, 43th International Symposium on Essential Oils, Lisbon, Portugal.
3. N. S. Radulović, M. Z. Mladenović, N. D. Đorđević; Chemotypification of *Astrantia major* L. (Apiaceae) inferred from its fruit essential oil profile; P-29, Book of Abstract 2012, 43th International Symposium on Essential Oils, Lisbon, Portugal.
4. P. J. Randelović, N. S. Radulović, M. Z. Mladenović, N. M. Stojanović, M. S. Dekić; Biologically active *trans*-sabinol esters from the essential oil of *Achillea falcata* L. (Asteraceae); PP-160, Book of Abstract 2014, 45th International Symposium on Essential Oils, Istanbul, Turkey.
5. P. D. Blagojević, N. S. Radulović, M. Z. Mladenović, Z. Z. Stojanović-Radić, T. Ilić-Tomić, L. Senerović, J. Nikodinović-Runić; Identification and biological activity of allylmethoxyphenyl esters from *Anthemis segetalis* Ten. (Asteraceae) essential oil; PP-163, Book of Abstract 2014, 45th International Symposium on Essential Oils, Istanbul, Turkey.
6. N. S. Radulović, M. Z. Mladenović, M. D. Vukićević, R. D. Vukićević; Volatile secondary metabolites of *Conocephalum conicum* (L.) Dum. from Serbia; PP-150, Book of Abstract 2014, 45th International Symposium on Essential Oils, Istanbul, Turkey.
7. P. D. Blagojević, N. S. Radulović, M. Z. Mladenović; Chemical analysis of *Scandix balansae* Reut. ex Boiss. (tribe Scandiceae) fruit essential oil and a "low-level" chemotaxonomic analysis of the plant family Apiaceae; PP-164, Book of Abstract 2014, 45th International Symposium on Essential Oils, Istanbul, Turkey.
8. P. Blagojević, N. Radulović, M. Mladenović, M. Dekić, N. Stojanović, P. Randelović; Something old, something new: bioactive *trans*-sabinyl esters from *Achillea falcata* L. (Asteraceae); 2015, 2nd International Conference on Natural Products Utilization, Plovdiv, Bulgaria.
9. N. M. Stojanović, P. J. Randjelović, I. R. Ilić, M. Z. Mladenović, N. S. Radulović; The first report on the acute toxicity of the highly valued essential oil of lemon balm (*Melissa officinalis* L., Lamiaceae) in female BALB/c mice; OP-1, Book of Abstract 2016, 47th International Symposium on Essential Oils, Nice, France.
10. V. M. Miljković, M. Z. Mladenović, G. Nikolić, N. S. Radulović; Effect of drying on the volatile profile of *Morus alba* L. and *M. nigra* L. leaves; PP-59, Book of Abstract 2016, 47th International Symposium on Essential Oils, Nice, France.
11. N. S. Radulović, M. Z. Mladenović; Complete assignment of ¹H- and ¹³C-NMR spectra of two new esters of *trans*-sabinol from *Achillea ageratifolia* (Sm.) Boiss. var. *serbica* (Nyman) Hayek (Asteraceae); P-19, Book of Abstracts 2016, 18th Central and Eastern European NMR Symposium & Bruker User's Meeting, Sofia, Bulgaria.
12. N. S. Radulović, M. Lj. Krstić, M. Z. Mladenović; Chemotaxonomy of the genus *Tordylium* L. based on the essential-oil chemical composition: the case of *Tordylium maximum* (Apiaceae); P-16, Book of Abstract 2017, 48th International Symposium on Essential Oils, Pécs, Hungary.

13. N. M. Stojanović, N. S. Radulović, M. Z. Mladenović; The essential oil of *Melissa officinalis* L. (Lamiaceae): composition, structural elucidation and synthesis of new constituents; P-18, Book of Abstract 2017, 48th International Symposium on Essential Oils, Pécs, Hungary.
14. N. S. Radulović, M. Z. Mladenović, N. M. Stojanović, P. J. Randjelović, P. D. Blagojević; A new bioactive presilphiperfolane diol from *Pulicaria vulgaris* Gaertn. (Asteraceae) essential oil; P-33, Book of Abstract 2017, 48th International Symposium on Essential Oils, Pécs, Hungary.
15. N. M. Stojanović, P. J. Randjelović, M. Z. Mladenović, N. I. Stojiljković, N. S. Radulović; Short-term inhalation of lemon balm (*Melissa officinalis* L.) essential oil does not affect human cognitive functions; P-95, Book of Abstract 2017, 48th International Symposium on Essential Oils, Pécs, Hungary.
16. N. S. Radulović, M. Z. Mladenović, P. D. Blagojević; Having trouble with overlapped and/or second-order multiplets? Try the hybrid HIFSA-GIAO-(A)SIS approach; pp. 51, Book of Abstract 2017, 19th Central and Eastern European NMR Symposium & Bruker Users' Meeting CEUM, Romania.
17. N. M. Stojanović, P. Randelović, M. Mladenović, N. Stojiljković, S. Ilić, G. Nikolić, N. S. Radulović; Evidence for lemon-balm essential oil suppression of anxiety-related behavior in animal and *in vitro* models; P-44, Book of Abstract 2018, 49th International Symposium on Essential Oils, Niš, Serbia.
18. M. S. Genčić, J. M. Aksić, M. Z. Živković, M. R. Đorđević, M. Mladenović, N. S. Radulović; New neryl esters from *Helichrysum italicum* essential oil; P-72, Book of Abstract 2018, 49th International Symposium on Essential Oils, Niš, Serbia.
19. M. Dekić, N. Radulović, N. Stojanović, M. Mladenović; Analgesic activity of dehydrofukinone, a sesquiterpene ketone from *Senecio nemorensis* L. (Asteraceae); P-119, Book of Abstract 2018, 49th International Symposium on Essential Oils, Niš, Serbia.
20. M. Z. Mladenović, N. S. Radulović, M. S. Dekić; Probing the existence of chemotypes of *Helleborus odoratus* Waldst. & Kit. ex Willd. by essential oil analysis: a multivariate approach; P-157, Book of Abstract 2018, 49th International Symposium on Essential Oils, Niš, Serbia.
21. M. Z. Mladenović, N. S. Radulović, N. M. Stojanović, P. J. Randelović, P. D. Blagojević; Volatiles of *Pulicaria vulgaris* Gaertn. (Asteraceae); P-159, Book of Abstract 2018, 49th International Symposium on Essential Oils, Niš, Serbia.
22. N. S. Radulović, M. N. Ristić, N. R. Ristić, V. S. Dekić, B. R. Dekić, M. Z. Mladenović; The floral scent of *Dianthus cruentus* Griseb. (Caryophyllaceae); P-161, Book of Abstract 2018, 49th International Symposium on Essential Oils, Niš, Serbia.
23. M. Z. Mladenović, N. S. Radulović, D. D. Vukićević; Complete assignment of ¹H- and ¹³C-NMR spectra of 3-methoxycuminyloxy esters from the essential oil of *Pulicaria dysenterica* (L.) BERNH.; pp. 2, 2019, 21th Central and Eastern European NMR Symposium & Bruker Users' Meeting CEUM, Belgrade, Serbia.
24. V. Raičević, M. Sakač, M. Aćimović, M. Mladenović, N. Radulović; ¹H iterative full spin analysis of hotrienol from a mixture of *Sambucus nigra* L. (Adoxaceae) volatiles.; pp. 12, 2019, 21th Central and Eastern European NMR Symposium & Bruker Users' Meeting CEUM, Belgrade, Serbia.
25. M. Z. Mladenović, N. S. Radulović; Identification of new 3-phenylpropyl esters from the essential oil of *Pleurospermum austriacum* (L.) Hoffm. (Apiaceae) through the preparation of a synthetic library of isomeric hexanoates; PP-10, Book of Abstract 2019, 50th International Symposium on Essential Oils, Vienna, Austria.
26. N. Stojanović, P. Randelović, N. Stojiljković, S. Ilić, M. Z. Mladenović, N. S. Radulović; Lemon balm (*Melissa officinalis* L., Lamiaceae) essential oil prevents spontaneous and induced rat ileum contractions; PP-11, Book of Abstract 2019, 50th International Symposium on Essential Oils, Vienna, Austria.
27. N. Radulović, S. Filipović, M. Nešić, M. Mladenović, V. Randelović; Three new sesquiterpene alcohols from the essential oil of the liverwort *Conocephalum conicum* (L.) Dum.; PP-130, Book of Abstract 2019, 50th International Symposium on Essential Oils, Vienna, Austria.
28. M. Mladenović, N. Radulović, D. Vukićević, N. Stojanović, P. Randelović, Z. Stojanović-Radić; New 3-methoxycuminyloxy esters from the essential oil of *Pulicaria dysenterica* (L.) Bernh.; PP-106, Book of Abstract 2019, 50th International Symposium on Essential Oils, Vienna, Austria.

National Conferences

1. N. S. Radulović, M. Z. Mladenović; Synthesis of methoxy-(propenyl)phenyl esters from the essential oil of *Anthemis segetalis* Ten. (Asteraceae); BH15-P, Book of Abstracts 2011, 49th Meeting of the Serbian Chemical Society, Kragujevac, Serbia.
2. N. S. Radulović, M. Z. Mladenović; New octadecyl esters from the essential oil of *Scandix balansae* Reut. ex Boiss (Apiaceae) fruits; BH-P4, Book of Abstracts 2012, 50th Meeting of the Serbian Chemical Society, Belgrade, Serbia.
3. N. S. Radulović, M. Z. Mladenović; New esters of long chain alcohols and isobutanoic and isovaleric acids from the essential oil of *Scandix pecten-veneris* L. (Apiaceae); HA P16, Book of Abstract 2012, First international conference of young chemists of Serbia, Belgrade, Serbia.
4. N. S. Radulović, P. D. Blagojević, M. Z. Mladenović; Volatile secondary metabolites of *Senecio vernalis* Waldst. & Kit.; HA P17, Book of Abstract 2012, First international conference of young chemists of Serbia, Belgrade, Serbia.
5. N. S. Radulović, M. Z. Mladenović, P. D. Blagojević; A low-level chemotaxonomic analysis of the plant family Apiaceae: the case of *Scandix balansae* Reut. ex Boiss. (tribe Scandiceae); Book of Abstract 2013, 11th Symposium on the Flora of Southeastern Serbia and Neighbouring Regions, Vlasina, Serbia.
6. M. Z. Mladenović, N. S. Radulović, Z. Z. Stojanović-Radić, D. Stevanović, R. D. Vukićević; Synthesis, characterization and antimicrobial evaluation of a small library of ferrocene-containing acetoacetates and phenyl analogs-the discovery of a potent anticandidal agent; OH-P01, Book of Abstracts 2014, 51th Meeting of the Serbian Chemical Society, Niš, Serbia.
7. N. S. Radulović, M. G. Nikolić, M. Z. Mladenović, R. D. Vukićević; Synthesis and spectral characterization of a library of 1-phenylpyrazoles containing a ferrocene unit and their phenyl analogues; OH-P03, Book of Abstracts 2014, 51th Meeting of the Serbian Chemical Society, Niš, Serbia.
8. M. Z. Mladenović, N. S. Radulović; New esters of *trans*-sabinol from the essential oil of *Achillea serbica* Nym. (Asteraceae): synthesis and structural elucidation; HA P09, Book of Abstract 2015, Third international conference of young chemists of Serbia, Belgrade, Serbia.
9. M. Z. Mladenović, N. S. Radulović, S. Filipović; The essential oil of *Achillea ageratifolia* (Sm.) Boiss. subsp. *serbica* (Nyman) Heimerl (Asteraceae) revisited: structural elucidation and synthesis of (new) sabinyl esters; Book of Abstract 2016, 12th Symposium on the Flora of Southeastern Serbia and Neighbouring Regions, Kopaonik, Serbia.
10. N. S. Radulović, M. N. Ristić, M. Z. Mladenović, N. R. Ristić, V. S. Dekić, B. R. Dekić, V. N. Randelović; New natural products from the epicuticular wax of *Dianthus cruentus* Griseb. (Caryophyllaceae); OH-P06, Book of Abstracts 2018, 55th Meeting of the Serbian Chemical Society, Novi Sad, Serbia.
11. M. Z. Mladenović, N. S. Radulović, N. M. Stojanović, P. J. Randjelovic, P. D. Blagojević; The essential oil of *Pulicaria vulgaris* Gaertn. (Asteraceae): composition, and structural elucidation of a new bioactive presilphiperfolane diol; Book of Abstract 2019, 13th Symposium on the Flora of Southeastern Serbia and Neighbouring Regions, Stara planina, Serbia.
12. M. Z. Mladenović, N. S. Radulović; New 3-phenylpropyl ester from the essential oil of *Pleurospermum austriacum* (L.) Hoffm. (Apiaceae); CA PP05, Book of Abstract 2019, 7th Conference of the Young Chemists of Serbia, Belgrade, Serbia.