

## Објављени научни радови и саопштења

Милица Ј. Савић је коаутор једног рада објављеног у истакнутом међународном часопису (**M22**), једног рада објављеног у часопису од међународног значаја (**M23**), седам саопштења на међународним (**M34**) и петнаест саопштења на националним научним скуповима (**M64**). Досадашње резултате истраживања кандидат је публиковао у следећим научним радовима и саопштењима:

### Рад објављен у истакнутом међународном часопису (**M22**)

1. Temiloluwa T. Adejumo, Marianna Danopoulou, Leandros P. Zorba, Andrej Pevec, Matija Zlatar, Dušanka Radanović, **Milica Savić**, Maja Gruden, Katarina K. Anđelković, Iztok Turel, Božidar Čobeljić, and Georgios C. Vougioukalakis, Correlating Structure and KA2 Catalytic Activity of ZnII Hydrazone Complexes Eur. J. Inorg. Chem. 2023, e2023001193. (<https://doi.org/10.1002/ejic.202300193>)

### Рад објављен у часопису од међународног значаја (**M23**)

1. Teodora Vitomirov, Božidar Čobeljić, Andrej Pevec, Dušanka Radanović, Irena Novaković, **Milica Savić**, Katarina Anđelković and Maja Šumar-Ristović Binuclear azide-bridged hydrazone Cu(II) complex: Synthesis, characterization and evaluation of biological activity J. Serb. Chem. Soc. 88 (9) 877–888 (2023) JSCS–5668. (<https://doi.org/10.2298/JSC230623044V>)

### Саопштења са међународних скупова штампана у изводу (**M34**)

1. **Milica Savić**, Mima Jevtović, Matija Zlatar, Maja Gruden, Dragana Mitić, Božidar Čobeljić, Katarina Anđelković  
Synthesis, characterization and DFT calculations of Schiff base Co(III) complexes  
*Twenty third annual conference - YUCOMAT 2022*, August 29 – September 2, 2022, Herceg Novi, Montenegro, Book of Abstracts, p 147. (isbn 978-86-919111-7-1)
2. **Milica Savić**, Mima Jevtović, Matija Zlatar, Maja Gruden, Dragana Mitić, Božidar Čobeljić, Katarina Anđelković  
Synthesis and characterization of Ni(III) complex with condensation product of 2-acetylpyridine and Girard's P reagent  
*Twenty-fourth Annual Conference "YUCOMAT 2023"*, September 4–8, 2023, Herceg Novi, Montenegro, Book of Abstracts P.S.40. p 114. (ISBN 978-86-919111-8-8)
3. **Milica Savić**, Mima Jevtović, Božidar Čobeljić, Maja Gruden, Matija Zlatar  
Spin states of Mn(II) and Fe(III) complexes with thiosemicarbazone  
*6th EuChemS Inorganic Chemistry Conference*, September 3–7, 2023, Wien, Austria, Book of Abstracts PO-133 (ISBN 978-3-9504809-5-5)
4. M. Č. Jevtović, **M. J. Savić**, K. K. Anđelković, B. R. Čobeljić, D. M. Mitić  
Synthesis of a New Family of Zn(II) Hydrazone Complexes: Characterisation, Catalytic Activity, and DFT Calculations  
*Training School of COST action CA21101 COSY* | 19th – 22nd September 2023, Belgrade, Serbia, Book of Abstracts p 36.

5. **Milica J. Savić**, Mima Č. Jevtović, Božidar R. Čobeljić, Katarina K. Anđelković, Dragana M. Mitić

Synthesis and characterization of Mn(II) and Fe(III) complexes with the condensation product of thiosemicarbazide and 2-acetylthiazole

*Training School of COST action CA21101 COSY* | 19th – 22nd September 2023, Belgrade, Serbia, Book of Abstracts p 51.

6. **B. Čobeljić**, **M. Savić**, N. Stevanović, M. Zlatar, M. Gruden

Evaluation of the biological activity of Zn(II) hydrazone complexes

*EUROBIC17*, August 25–29, 2024, Munster, Germany, Book of Abstracts p 390.

7. **M. Milčić**, I. Novaković, K. Milčić, **M. Savić**, M. Zlatar, M. Gruden

Antifungal activity and molecular docking study of Zn(II) hydrazone complexes

*EUROBIC17*, August 25–29, 2024, Munster, Germany, Book of Abstracts p 457.

#### **Саопштења са националних скупова штампана у изводу (M64)**

1. **Milica Savić**, Nevena Stevanović, Mima Jevtović, Maja Gruden, Katarina Anđelković, Božidar Čobeljić, Matija Zlatar

Synthesis and characterization of Fe(III) i Mn(II) complexes with condensation product of thiosemicarbazide and 2-acetylthiazole

*58<sup>th</sup> Meeting of the Serbian Chemical Society*, June 9-10, 2022, Belgrade, Serbia, Book of Abstracts, p 126. (isbn 978-86-7132-079-5)

2. Božidar Čobeljić, **Milica Savić**, Mima Jevtović, Dragana Mitić, Matija Zlatar, Maja Gruden, Katarina Anđelković

Coordination preferences of NNO and NNS Schiff base ligands with Co(III) complexes

*58<sup>th</sup> Meeting of the Serbian Chemical Society*, June 9-10, 2022, Belgrade, Serbia, Book of Abstracts, p 113. (isbn 978-86-7132-079-5)

3. **Milica Savić**, Mima Jevtović, Božidar Čobeljić and Katarina Anđelković

Synthesis and characterization of octahedral Ni(II) complex with condensation product of 2-acetylthiazole and thiosemicarbazide

*Eighth Conference of the Young Chemists of Serbia*, October 29, 2022, Belgrade, Serbia, Book of Abstracts, p 72. (isbn: 978-86-7132-080-1)

4. B. Čobeljić, A. Pevec, M. Zlatar, **M. Savić**, M. Jevtović

Synthesis and characterization of azido Zn(II) complex with the condensation product of 2-acetylthiazole and thiosemi-carbazide

*28th conference of the Serbian crystallographic society*, June 14–15, 2023, Čačak, Serbia, Book of Abstracts, pp 34–35. (ISBN 978-86-912959-6-7)

5. M. Jevtović, A. Pevec B. Čobeljić, M. Šumar Ristović, **M. Savić**, D. Mitić, N. Stevanović

Synthesis and characterization of Mn(II) complex with the condensation product of thiosemicarbazide and 2-acetylthiazole

*28th conference of the Serbian crystallographic society*, June 14–15, 2023, Čačak, Serbia, Book of Abstracts, pp 50–51. (ISBN 978-86-912959-6-7)

6. K. Anđelković, A. Pevec, D. Mitić, M. Jevtović, **M. Savić**, N. Stevanović

Synthesis and characterization of azido Zn(II) complex with the condensation product of 2-

acetylpyridine and Girard's P reagent

*28th conference of the Serbian crystallographic society*, June 14–15, 2023, Čačak, Serbia, Book of Abstracts, pp 40–41. (ISBN 978-86-912959-6-7)

7. **M. Savić**, A. Pevec, D. Radanović, M. Zlatar, M. Jevtović

Synthesis and characterization of Fe(III) complex with the condensation product of thiosemicarbazide and 2-acetylthiazole

*28th conference of the Serbian crystallographic society*, June 14–15, 2023, Čačak, Serbia, Book of Abstracts, pp 78–79. (ISBN 978-86-912959-6-7)

8. **Milica Savić**, Mima Jevtović, Božidar Čobeljić and Katarina Anđelković

Synthesis and characterization of binuclear azide-bridged hydrazone Cu(II) complex

*Ninth Conference of the Young Chemists of Serbia*, 4th November, 2023, Novi Sad, Serbia, Book of Abstracts, p 69. (isbn: 978-86-7132-084-9)

9. **Milica Savić**, Božidar Čobeljić, Matija Zlatar, Miloš Milčić

Evaluation of the biological activity of zinc(II) hydrazone complexes

*60th Meeting of the Serbian Chemical Society*, June 9-10, 2024, Niš, Serbia, Book of Abstracts, p 95. (ISBN 978-86-7132-086-3)

10. Božidar Čobeljić, **Milica Savić**, Matija Zlatar, Maja Gruden

Synthesis and stability of Zn(II) hydrazone complexes

*60th Meeting of the Serbian Chemical Society*, June 9-10, 2024, Niš, Serbia, Book of Abstracts, p 96.

11. Dragan B. Ninković, Mima Č. Romanović, **Milica Savić**, Božidar R. Čobeljić, Miloš M. Milčić, Maja Gruden, Matija Zlatar

DFT study of the dimerization of Ni (II) complexes

*60th Meeting of the Serbian Chemical Society*, June 9-10, 2024, Niš, Serbia, Book of Abstracts, p 97. (ISBN 978-86-7132-086-3)

12. **Milica Savić**, Božidar Čobeljić, Matija Zlatar, Maja Gruden, Andrej Pevec

Crystal structures of three new Zn(II) hydrazone complexes

*29th Conference of the Serbian crystallographic society*, June 27–28, 2024, Ruma, Serbia, Book of Abstracts, pp 98–99.

13. **Milica J. Savić**, Nevena N. Stevanović, Mima Č. Jevtović, Snežana G. Selaković, Marija B. Pavlović, Božidar R. Čobeljić

Biological activity of Zn(II) hydrazone complexes

*10th Conference of Young Chemists of Serbia*, 26th October, 2024, Belgrade, Serbia, Book of Abstracts, p 52.

14. Snežana G. Selaković, **Milica J. Savić**, Mima Č. Jevtović, Nevena N. Stevanović, Marija B. Pavlović, Maja T. Šumar-Ristović

Synthesis, characterization, antimicrobial activity of Zn(II) complex with a salicylaldehyde derivate

*10th Conference of Young Chemists of Serbia*, 26th October, 2024, Belgrade, Serbia, Book of Abstracts, p 63. (ISBN 978-86-7132-087-0)

15. Marija B. Pavlović, Nevena N. Stevanović, Mima Č. Jevtović, Snežana G. Selaković, **Milica J. Savić**, Maja T. Šumar-Ristović

Synthesis, characterization, antimicrobial activity of Cd(II) complex with a salicylaldehyde derivate

*10th Conference of Young Chemists of Serbia*, 26th October, 2024, Belgrade, Serbia, Book of Abstracts, p 57. (ISBN 978-86-7132-087-0)