

CURRICULUM VITAE
Milan Joksović

Prezime: Joksović

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OBRAZOVANJE

Osnovna škola: Pljevlja, Jugoslavija
1970 – 1978

Srednja škola: Pljevlja, Jugoslavija
1978 – 1982

Osnovne akademske studije: Institut za hemiju

Prirodno-matematički fakultet
Univerzitet u Kragujevcu
Kragujevac, Jugoslavija
1983 - 1987

Doktorske akademske studije:
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Institut za hemiju
Prirodno-matematički fakultet
Univerzitet u Kragujevcu
Kragujevac, Jugoslavija
2001, Yugoslavia

Naziv doktorske disertacije:

Enantioselektivna redukcija ketona

Postdoktorske studije:

Fakultet hemijskog inženjeringa,
Univerzitet za tehnologiju i ekonomiju,
Budimpešta (4 meseca, 2008)

Broj publikovanih radova:

41

ZAPOSLENJE:

Asistent:

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Prirodno-matematički fakultet
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Kragujevac, Jugoslavija
1989 – 2008

Profesor:

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Univerzitet u Kragujevcu
Kragujevac, Srbija
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RADNO/ISTRAŽIVAČKO ISKUSTVO

Sinteza, strukturna karakterizacija i mehanistička ispitivanja novih pirazolskih, pirazolonskih, triazolonskih i antrahinonskih derivata uz korišćenje različitih spektroskopskih tehnika i DFT studija. Ispitivanje citotoksične aktivnosti novosintetisanih jedinjenja prema humanim kancerogenim ćelijskim linijama.

TEHNIČKE/ISTRAŽIVAČKE VEŠTINE

Odlično poznavanje organske i bioorganske hemije, organske sinteze, NMR i IR spektroskopije, UV-Vis spektrofotometrije, hromatografskih tehnika.

POZNAVANJE JEZIKA

(a) *Maternji jezik:* Srpski

(b) *Strani jezici:*

Razumevanje				Konverzacija		Pisanje	
Slušanje		Čitanje					
1.	Engleski	1.	Engleski	1.	Engleski	1.	Engleski
2.	Italijanski	2.	Italijanski	2.	Italijanski	2.	Italijanski

KOMPJUTERSKE VEŠTINE

Obučena za korišćenje:

1. Internet za pretragu i korišćenje odgovarajućih informacija;
2. Microsoft Office 2007, 2010 (Word, Excel, PowerPoint);
3. Chem Office.

SPISAK NAUČNIH RADOVA DR MILANA JOKSOVIĆA

1. Rodić, Marko V.; Leovac, Vukadin M.; Jovanović, Ljiljana S.; Spasojević, Vojislav; **Joksović, Milan D.**; Stanojković, Tatjana; Matić, Ivana Z.; Vojinović-Ješić, Ljiljana S.; Marković, Violeta **Synthesis, characterization, cytotoxicity and antiangiogenic activity of copper(II) complexes with 1-adamantoyl hydrazone bearing pyridine rings** European Journal of Medicinal Chemistry (2016), 115, 75-81.
2. Marković, Violeta; **Joksović, Milan D.** "On water" synthesis of *N*-unsubstituted pyrazoles: semicarbazide hydrochloride as an alternative to hydrazine for preparation of pyrazole-3-carboxylate derivatives and 3,5-disubstituted pyrazoles Green Chemistry (2015), 17, 842-847.
3. Leovac, Vukadin M.; Rodić, Marko V.; Jovanović, Ljiljana S.; **Joksović, Milan D.**; Stanojković, Tatjana P.; Vujčić, Miroslava T.; Sladić, Dušan M.; Marković, Violeta; Vojinović-Ješić, Ljiljana S. **Transition metal complexes with 1-adamantoyl hydrazones - Cytotoxic copper(II) complexes of tri- and tetradentate pyridine chelators containing an adamantane ring system** European Journal of Inorganic Chemistry (2015), 5, 882-895.
4. Markovic, Violeta; Debeljak, Nevena; Stanojkovic, Tatjana; Kolundzija, Branka; Sladic, Dusan; Vujcic, Miroslava; Janovic, Barbara; Tanic, Nikola; Perovic, Milka; Tesic, Vesna; Antic Jadranka; **Joksovic Milan, D.** **Anthraquinone-chalcone hybrids: Synthesis, preliminary antiproliferative evaluation and DNA-interaction studies** European Journal of Medicinal Chemistry (2015), 89, 401-410.
5. Vojinovic-Jesic, Ljiljana S.; Radanovic, Mirjana M.; Rodic, Marko V.; Jovanovic, Ljiljana S.; Cesljevic, Valerija I.; **Joksovic, Milan D.** **Syntheses, structures and spectral characterization of copper(II) and dioxidovanadium(V) complexes with salicylidene-aminoguanidine** Polyhedron (2014), 80, 90-96.
6. Markovic, Violeta; **Joksovic, Milan D.**; Markovic, Svetlana; Jakovljevic, Ivan **Influence of anthraquinone scaffold on E/Z isomer distribution of two thiosemicarbazone derivatives. 2D NMR and DFT studies** Journal of Molecular Structure (2014), 1058, 291-297.
7. Kolundzija, Branka; Markovic, Violeta; Stanojkovic, Tatjana; Joksovic, Ljubinka; Matic, Ivana; Todorovic, Nina; Nikolic, Marijana; Joksovic, Milan D. **Novel anthraquinone based chalcone analogues containing an imine fragment: Synthesis, cytotoxicity and anti-angiogenic activity** Bioorganic & Medicinal Chemistry Letters (2014), 24(1), 65-71.

8. Markovic, Violeta; Markovic, Svetlana; Janicijevic, Ana; Rodic, Marko V.; Leovac, Vukadin M.; Todorovic, Nina; Trifunovic, Snezana; Joksovic, Milan D. **Mechanistic investigation and DFT calculation of the new reaction between S-methylisothiosemicarbazide and methyl acetoacetate** Structural Chemistry (2013), 24(6), 2127-2136.
9. Markovic, Svetlana; Markovic, Violeta; **Joksovic, Milan D.**; Todorovic, Nina; Joksovic, Ljubinka; Divjakovic, Vladimir; Trifunovic, Snezana **Debromination of endo-(+)-3-bromocamphor with primary amines** Journal of the Brazilian Chemical Society (2013), 24(7), 1099-1108.
10. Suvajdzic Ljiljana; Leovac Vukadin; Joksovic Milan; Bogdanovic Gordana; Kojic Vesna; Vujic Nemanja; Mrdja Tatjana; Kocic Branislava. **Antimicrobial Activity of Copper (II) Complex with 1,2-bis [(1,3-diphenylpyrazol-4-yl)methyl] Diaminoethane** Acta Scientiae Veterinariae (2013), 41.
11. Markovic, Violeta; Janicijevic, Ana; Stanojkovic, Tatjana; Kolundzija, Branka; Sladic, Dusan; Vujcic, Miroslava; Janovic, Barbara; Joksovic, Ljubinka; Djurdjevic, Predrag T.; Todorovic, Nina; Trifunovic, Snezana; Joksovic Milan, D. **Synthesis, cytotoxic activity and DNA-interaction studies of novel anthraquinone-thiosemicarbazones with tautomerizable methylene group** European Journal of Medicinal Chemistry (2013), 64, 228-238.
12. Radulovic, Niko; Dekic, Milan; Joksovic, Milan; Vukicevic, Rastko. **Chemotaxonomy of Serbian Teucrium Species Inferred from Essential Oil Chemical Composition: the Case of Teucrium scordium L. ssp. Scordioides.** Chemistry & Biodiversity (2012), 9(1), 106-122.
13. Leovac, Vukadin M.; Bogdanovic, Goran A.; Jovanovic, Ljiljana S.; Joksovic, Ljubinka; Markovic, Violeta; Joksovic, Milan D.; Dencic, Sonja Misirlic; Isakovic, Anđelka; Markovic, Ivanka; Heinemann, Frank W.; Trifunovic, Srećko; Dalovic, Ivica. **Synthesis, characterization and antitumor activity of polymeric copper(II) complexes with thiosemicarbazones of 3-methyl-5-oxo-1-phenyl-3-pyrazolin-4-carboxaldehyde and 5-oxo-3-phenyl-3-pyrazolin-4-carboxaldehyde.** Journal of Inorganic Biochemistry (2011), 105(11), 1413-1421. 8 poena
14. Markovic, Violeta; Eric, Slavica; Stanojkovic, Tatjana; Gligorijevic, Nevenka; Arandelovic, Sandra; Todorovic, Nina; Trifunovic, Snezana; Manojlovic, Nedeljko; Jelic, Ratimir; Joksovic, Milan D.. **Antiproliferative activity and QSAR studies of a series of new 4-aminomethylidene derivatives of some pyrazol-5-ones.** Bioorganic & Medicinal Chemistry Letters (2011), 21(15), 4416-4421.
15. Markovic, Violeta; Eric, Slavica; Juranic, Zorica D.; Stanojkovic, Tatjana; Joksovic, Ljubinka; Rankovic, Branislav; Kosanic, Marijana; Joksovic, Milan D.. **Synthesis,**

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17. Leovac, Vukadin M.; Divjakovic, Vladimir; Joksovic, Milan D.; Jovanovic, Ljiljana S.; Vojinovic-Jesic, Ljiljana S.; Cesljevic, Valerija I.; Mlinar, Milena. **Transition metal complexes with thiosemicarbazide-based ligands. Part 57. Synthesis, spectral and structural characterization of dioxovanadium(V) and dioxomolybdenum(VI) complexes with pyridoxal S-methylisothiosemicarbazone.** *Journal of the Serbian Chemical Society* (2010), 75(8), 1063-1074.

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19. Markovic, Svetlana; Joksovic, Milan D.; Bombicz, Petra; Leovac, Vukadin M.; Markovic, Violeta; Joksovic, Ljubinka. **Theoretical study on structural and mechanistic aspects of synthesis of a 3-aminopyrazole derivative.** *Tetrahedron* (2010), 66(32), 6205-6211.

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21. Ratkovic, Zoran; Juranic, Zorica D.; Stanojkovic, Tatjana; Manojlovic, Dragan; Vukicevic, Rastko D.; Radulovic, Niko; Joksovic, Milan D.. **Synthesis, characterization, electrochemical studies and antitumor activity of some new chalcone analogues containing ferrocenyl pyrazole moiety.** *Bioorganic Chemistry* (2010), 38(1), 26-32.

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antitumor activity of novel N-substituted α -amino acids containing ferrocenyl pyrazole-moiety. *Journal of Organometallic Chemistry* (2009), 694(24), 3935-3942.

23. Damljanovic, Ivan; Wurst, Klaus; Laus, Gerhard; Joksovic, Milan; Ratkovic, Zoran; Vukicevic, Mirjana; Vukicevic, Rastko D. **Crystal structure of 3-ferrocenyl-1-phenylpyrazole-4-carbaldehyde 3-pyridinylmethylimine, $\text{Fe}(\text{C}_5\text{H}_5)(\text{C}_{21}\text{H}_{17}\text{N}_4)$.** *Zeitschrift fuer Kristallographie - New Crystal Structures* (2009), 224(2), 313-314.

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27. Leovac, Vukadin M.; Tomic, Zoran D.; Kovacs, Attila; Joksovic, Milan D.; Jovanovic, Ljiljana S.; Szecsenyi, Katalin Meszaros. **Cobalt(II) complexes with disubstituted 3-aminopyrazole derivative: Mononuclear Co(II) complex with in situ prepared formamidine ligand.** *Journal of Organometallic Chemistry* (2008), 693(1), 77-86.

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29. Leovac, Vukadin M.; Bombicz, Petra; Szecsenyi, Katalin Meszaros; Joksovic, Milan D.. **Copper(II) Complexes with Reduced Schiff Base: Synthesis, Spectroscopic, Thermal, X-Ray, and Cytotoxic Studies of Novel Copper(II) Complexes with an Arylpyrazole Ligand.** *Australian Journal of Chemistry* (2007), 60(8), 615-620.

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with thiosemicarbazide-based ligands. Part LVI: Nickel(II) complex with 1,3-diphenylpyrazole-4-carboxaldehyde thiosemicarbazone and unusually deformed coordination geometry. Polyhedron (2007), 26(14), 3783-3792.

31. Leovac, Vukadin M.; Novakovic, Sladana B.; Bogdanovic, Goran A.; Joksovic, Milan D.. **Synthesis and reaction of Schiff base 4-(pyridin-3-ylmethylimino)-pent-2-en-2-ol with FeCl₃.** Structural Chemistry (2007), 18(3), 337-341.

32. Leovac, Vukadin M.; Joksovic, Milan D.; Divjakovic, Vladimir; Jovanovic, Ljiljana S.; Saranovic, Zana; Pevec, Andrej. **Synthesis, spectroscopic and x-ray characterization of a copper(II) complex with the Schiff base derived from pyridoxal and aminoguanidine: NMR spectral studies of the ligand.** Journal of Inorganic Biochemistry (2007), 101(7), 1094-1097.

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