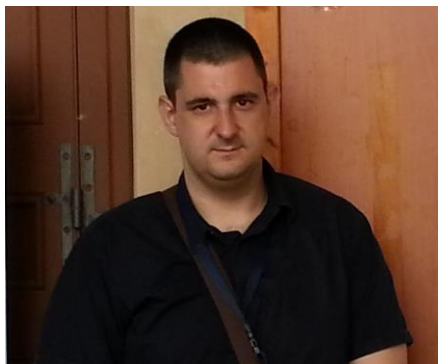


CURRICULUM VITAE

Vladimir Petrović



<i>Family name (Surname):</i>	Petrović
<i>First name:</i>	Vladimir
<i>Date of birth:</i>	January 12, 1984
<i>Country and place of birth:</i>	Serbia, Jagodina
<i>Marital status:</i>	Married
<i>Nationality:</i>	Serbian
<i>Present citizenship:</i>	Serbia
<i>Home address:</i>	35213 Despotovac Serbia <i>Phone:</i> +(381) 63 64 84 14
<i>Work address:</i>	Department of Chemistry Faculty of Science

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EDUCATION

Primary School:

Despotovac, Serbia
1991 – 1999

Secondary School:

Jagodina, Serbia
1999 – 2003

MSc in Chemistry:

Department of Chemistry
Faculty of Science
University of Kragujevac
Kragujevac, Serbia
2003 - 2007

PhD in Chemistry:

(Supervisor: Professor Zorica D. Petrović)

Department of Chemistry
Faculty of Science
University of Kragujevac
Kragujevac, Serbia
2007-2013

PhD thesis title:

Diethanolamine palladium(II)-complex as
Heck reaction catalyst

Professional Societies:

Serbian Chemical Society, Czech Society for
Mass Spectrometry

List of significant publications:

26 Publications

(See List of Scientific Publications)

EMPLOYMENT:

Research Assistant:
(Supervisor: Professor Zorica D. Petrović)

Department of Chemistry
Faculty of Science
University of Kragujevac
Kragujevac, Serbia
October 2007 – April 2013.

Teaching and Research Associate:
(Supervisor: Professor Zorica D. Petrović)

Department of Chemistry
Faculty of Science
University of Kragujevac
Kragujevac, Serbia
October 2007 – present .

Post-doc:
(Supervisor: Professor. Jana Roithová)

Department of Organic Chemistry
Charles University in Prague
Faculty of Science
Prague, Czech Republic
June 2015 – May 2016

WORK/RESEARCH EXPERIENCE

- Phosphine-free Heck reaction: structural characterization of obtained products, and mechanistic study applying different experimental and theoretical techniques.
- Ionic liquids synthesis and characterization.
- Mannich reaction: structural characterization of obtained products, and mechanistic study of reaction catalysed with ionic liquids, applying different experimental and theoretical techniques.
- Palladium(II) and platinum(II) complexes as artificial metallopeptidases - experimental and theoretical mechanistic studies of peptide hydrolysis.
- Radical scavenging activity of compounds, and theoretical background of reaction mechanisms.

- Mass spectrometry, Electrospray ionization, collision induced dissociation experiments with tandem mass spectrometers and ion traps.

- ***TECHICAL/RESEARCH SKILLS***

Good background in organic and bioorganic chemistry, organic synthesis, NMR and IR spectroscopy, UV-Vis spectrophotometry, chromatography techniques, Density Functional Theory, Mass spectrometry, Electrospray ionisation.

AWARDS

Diploma “Vuk Karadžić” for all excellent marks throughout the primary school.

Diploma “Vuk Karadžić” for all excellent marks throughout the secondary school.

Award from the Serbian Chemical Society for extraordinary success during the studies of chemistry.

LANGUAGES

(a) Mother tongue: Serbian

(b) Other languages:

Understanding		Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production	
1.	English	1.	English	1.	English	1.	English
2.	Russian	2.	Russian	2.	Russian	2.	

COMPUTER SKILLS

Skilled in the use of:

1. The Internet in search and use of pertinent information;
2. Microsoft Office (Word, Excel, PowerPoint);
3. ChemOffice;
4. Photoshop, CorelDraw – graphics related software's.
5. Origin
6. Gaussian, GaussView

LIST OF SCIENTIFIC PUBLICATIONS OF VLADIMIR PETROVIĆ

- [1] J. Váňa, T. Terencio, V. Petrović, O. Tischler, Z. Novák, J. Roithová, *Organometallics* 2017, 36, 2072–2080.
- [2] V. P. Petrović, M. N. Živanović, D. Simijonović, J. Đorović, Z. D. Petrović, S. D. Marković, *Chem. Pap.* 2017, DOI 10.1007/s11696-017-0200-1.
- [3] J. Đorović, Z. Marković, Z. D. Petrović, D. Simijonović, V. P. Petrović, *Mol. Phys.* 2017, 8976, 1–9.
- [4] Z. Marković, J. Đorović, Z. D. Petrović, V. P. Petrović, D. Simijonović, *J. Mol. Model.* 2015, 21, 293.
- [5] Z. D. Petrović, J. Đorović, D. Simijonović, V. P. Petrović, Z. Marković, *RSC Adv.* 2015, 5, 24094–24100.
- [6] V. Petrović, D. Simijonović, Z. D. Petrović, S. Marković, *Chem. Pap.* 2015, 69, 1244–1252.
- [7] V. P. Petrović, M. N. Živanović, D. Simijonović, J. Đorović, Z. D. Petrović, S. D. Marković, *RSC Adv.* 2015, 5, 86274–86281.
- [8] V. P. Petrović, D. S. Simijonović, S. B. Novaković, G. A. Bogdanović, S. Marković, Z. D. Petrović, *J. Mol. Struct.* 2015, 1098, 34–40.
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- [14] V. P. Petrović, S. Marković, Z. D. Petrović, *Monatshefte für Chemie - Chem. Mon.* 2012, 143, 1497–1502.
- [15] Z. D. Petrović, L. Čomić, O. Stefanović, D. Simijonović, V. P. Petrović, *J. Mol. Liq.* 2012, 170, 61–65.

- [16] Z. D. Petrović, S. Marković, V. P. Petrović, D. Simijonović, J. Mol. Model. 2012, 18, 433–440.
- [17] Z. D. Petrović, V. P. Petrović, D. Simijonović, S. Marković, J. Mol. Catal. A Chem. 2012, 356, 144–151.
- [18] V. P. Petrović, S. Marković, Z. D. Petrović, Monatshefte für Chemie - Chem. Mon. 2011, 142, 141–144.
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