

**Dr Biljana V. Petrović, full professor**  
*Curriculum Vitae*

<i>Last name:</i>	Petrovic
<i>First name:</i>	Biljana
<i>Father's name:</i>	Vitomir
<i>Birth:</i>	04.10.1970.
<i>Place of birth:</i>	Zajecar, Serbia
<i>Address:</i>	University of Kragujevac
	Faculty of Science
	Department of Chemistry
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## EDUCATION

<i>Primary school:</i>	Zajecar, Serbia, 1977 – 1985.
<i>Secondary school:</i>	Zajecar, Serbia, 1985 – 1989.
<i>Faculty:</i>	Faculty of Science, Department of Chemistry
	University of Kragujevac
	Kragujevac, 1989 – 1994.
<i>Postgraduate studies:</i>	Faculty of Science
	University of Kragujevac
	Kragujevac, 1994 -1999.
<i>PhD studies:</i>	Faculty of Science
	University of Kragujevac,
	Kragujevac, 1999 – 2005.
<i>Other languages:</i>	English

## PROFESIONAL CAREER

<i>Assistant professor:</i>	Department of Chemistry
	Faculty of Science
	University of Kragujevac
	Kragujevac, 2007 -2013
<i>Associate professor:</i>	Department of Chemistry
	Faculty of Science
	University of Kragujevac
	Kragujevac, 2013 -2020
<i>Full professor:</i>	Department of Chemistry
	Faculty of Science
	University of Kragujevac
	Kragujevac, 2020 -
<i>Abroad specialization:</i>	University of Erlangen-Nurnberg, Germany – 2006, 2007,

	University of Ghent, Belgium, 2009
<i>Teaching courses:</i>	Advanced inorganic chemistry (BSc), Mechanisms of the inorganic reactions (BSc), Chemistry of the atmosphere (BSc), Inorganic synthesis and methods of characterization (Master), Chemistry of the aqueous solutions (Doctoral)
<i>Scientific field of research:</i>	Inorganic chemistry, Bioinorganic chemistry

## PARTICIPATION ON PROJECTS

Domestic:	Number of project	Name of project
	1254 (2002-2005)	Synthesis and reactivity of new organic compounds and metal complexes as potential therapeutic and biologically active agents
	142008 (2005-2010)	Structure of the new complexes of transition metal ions and mechanism of their reactions with biologically important ligands
	172011 (2011-2020)	Study of the mechanism of the reactions of transition metal ion complexes with biologically important molecules
International:	Number of project	Name of project
	1.	COST action: D39 "Metallo-drug design and action", 2006-2011.
	2.	The bilateral project between Republic of Serbia and Federal Republic of Germany for the project period 2009 – 2010: "Investigation of the mechanism of interactions of Pd(II) and Pt(II) complexes with biological relevant molecules"
	3.	The bilateral project between Republic of Serbia and Federal Republic of Germany for the project period 2011 – 2012: "Kinetics and mechanism of the reactions of Au(III), Pt(IV) and Ru(II/III) complexes and some biomolecules"
	4.	The bilateral project between Republic of Serbia and Croatia for the period 2010 – 2011: "Study of the interactions of transition metal ion complexes with some important biological ligands"

## MEMBERSHIP IN DOMESTIC AND FOREIGN SCIENTIFIC ORGANIZATIONS

Member of the Serbian Chemistry Society
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## SUPERVISOR:

<i>PhD students:</i>	2 defended, 2 in progress
<i>Master degree's:</i>	15
<i>Diploma:</i>	19

## List of publications of Dr Biljane Petrovic (Djordjevic)

### Papers in International Journals

- A. Rilak Simović, J. Bogojeski, **B. Petrović**, S. Jovanović-Stević  
Bis-pyrazolylpyridine complexes of some transition metal ions: Structure-Activity Relationships and Biological Activity  
Macroheterocycles, 2020, 13, 201-209.  
ISSN: 1998-9539  
DOI:10.6060/mhc200499s
- D. Ćočić, S. Jovanović-Stević, R. Jelić, S. Matić, S. Popović, P. Djurdjević, D. Baskić, **B. Petrović**  
Homo- and hetero-dinuclear Pt(II)/Pd(II) complexes: studies of hydrolysis, nucleophilic substitution reactions, DNA/BSA interactions, DFT calculations, molecular docking and cytotoxic activity  
Dalton Transactions, 2020, 49, 14411-14431.  
ISSN: 1477-9226  
DOI:10.1039/d0dt02906h
- S. Radisavljevic, A. Djekovic-Kesic, D. Cocic, R. Puchta, L. Senft, M. Milutinovic, N. Milivojevic, **B. Petrovic**  
Studies of the stability, neucleophilic substitution reactions, DNA/BSA interactions, cytotoxic activity, DFT and molecular docking of some tetra- and penta-coordinated gold(III) complexes  
New Journal of Chemistry, 2020, 4, 11172-11187.  
ISSN: 1144-0546  
DOI: <https://doi.org/10.1039/D0NJ02037K>
- S. Radisavljevic, **B. Petrovic**  
Gold(III) complexes: An overview on their kinetics, interactions with DNA/BSA, Cytotoxic activity, and computational calculations  
Frontiers in chemistry, 2020, 8, 379.  
ISSN: 2296-02646  
DOI: <https://doi.org/10.3389/fchem.2020.00379>
- M. Medjedovic, A. Rilak Simovic, D. Cocic, M. Milutinovic, L. Senft, S. Blagojevic, N. Milivojevic, **B. Petrovic**  
Dinuclear ruthenium(II) polypyridyl complexes: Mechanistic study with biomolecules, DNA/BSA interactions and cytotoxic activity  
Polyhedron, 2020, 178, 114334.  
ISSN: 0277-5387  
DOI: <https://doi.org/10.1016/j.poly.2019.114334>
- S. Radisavljević, D. Ćočić, S. Jovanović, B. Šmit, M. Petković, N. Milivojević, N. Planojević, S. Marković and **B. Petrović**  
Synthesis, characterization, DFT study, DNA/BSA-binding affinity, and cytotoxicity of some dinuclear and trinuclear gold(III) complexes  
Journal of Biological Inorganic Chemistry, 2019, 24 (7), 1057-1076.  
ISSN: 0949-8257  
DOI: <http://doi.org/10.1007/s00775-019-01716-8>
- A. Franich, M. D. Živković, D. Ćočić, **B. Petrović**, M. Milovanović, A. Arsenijević, J. Milovanović, D. Arsenijević, B. Stojanović, M. I. Đuran and S. Rajković  
New dinuclear palladium(II) complexes with benzodiazines as bridging ligands: interactions with CT-DNA and BSA, and cytotoxic activity  
Journal of Biological Inorganic Chemistry, 2019, 24 (7), 1009-1022.  
ISSN: 0949-8257  
DOI: <http://doi.org/10.1007/s00775-019-01695-w>

- S. Mangelinckx, M. Kostić, S. Backx, **B. Petrović** and N. De Kimpe  
Synthesis of racemic 2-(Aminomethyl)cyclopropane-1,1-dicarboxylic Acid as a New Constrained  $\gamma$ -Amino Dicarboxylic Acid Bypassing Alkyl 3-Aza-2-oxobicyclo[3.1.0]hexane-1-carboxylates  
European Journal of Organic Chemistry, 2019, 2019 (31-32), 5187-5189.  
ISSN: 1434-193X  
DOI: <http://doi.org/10.1002/ejoc.201900542>
- **B. Petrović**, S. Jovanović, R. Puchta and R. van Eldik  
Mechanistic insight on the chemistry of potential Pt antitumor agents as revealed by collaborative research performed in Kragujevac and Erlangen  
Inorganica Chimica Acta, 2019, 495, 118953.  
ISSN: 0020-1693  
DOI: <http://doi.org/10.1016/j.ica.2019.06.004>
- S. Jovanović, J. Bogojeski, M. V. Nikolić, M. Ž. Mijajlović, D. Lj. Tomović, A. M. Bukonjić, S.M. Knežević Rangelov, N. R. Mijailović, Z. Ratković, V. V. Jevtić, **B. Petrović**, S. R. Trifunović, S. Novaković, G. Bogdanović and G. P. Radić  
Interactions of binuclear copper(II) complexes with S-substituted thiosalicylate derivatives with some relevant biomolecules  
Journal of Coordination Chemistry, 2019, 72 (10), 1603-1620.  
ISSN: 0095-8972  
DOI: <http://doi.org/10.1080/00958972.2019.1610561>
- Popović, M. Nikolić, M. Mijajlović, Z. Ratković, V. Jevtić, S. R. Trifunović, G. Radić, M. Zarić, P. Čanović, M. Milovanović, S. Radisavljević, M. Mešedović, **B. Petrović** and I. Jovanović  
DNA binding and antitumor activities of zinc(II) complexes with some S-alkenyl derivatives of thiosalicylic acid  
Transition Metal Chemistry, 2019, 44 (3), 219-228.  
ISSN: 0340-4285  
DOI: <http://doi.org/10.1070/s11243-018-0285-6>
- D. Čočić, S. Jovanović, S. Radisavljević, J. Korzekwa, A. Scheurer, R. Puchta, D. Baskić, D. Todorović, S. Popović, S. Matić and **B. Petrović**  
New monofunctional platinum(II) and palladium(II) complexes: Studies of the nucleophilic substitution reactions, DNA/BSA interactions, and cytotoxic activity  
Journal of Inorganic Biochemistry, 2018, 189, 91-102.  
ISSN: 0162-0134  
DOI: <http://dx.doi.org/10.1016/j.jinorgbio.2018.09.005>
- D. Čočić, S. Jovanović, S. Rajković and **B. Petrović**  
Kinetics and mechanism of the substitution reactions of dinuclear platinum(II) complexes with important bio-molecules  
Inorganica Chimica Acta, 2018, 482, 635-642.  
ISSN: 0020-1693  
DOI: <http://doi.org/10.1016/j.ica.2018.07.004>
- Z. Besser Silconi, S. Benazić, J. Milovanović, M. Jurišević, D. Đorđević, M. Nikolić, M. Mijajlović, Z. Ratković, G. Radić, S. Radisavljević, **B. Petrović**, G. Radosavljević, M. Milovanović and N. Arsenijević  
DNA binding and antitumor activities of platinum (IV) and zinc(II) complexes with some S-alkyl derivatives of thiosalicylic acid  
Transition Metal Chemistry, 2018, 43 (8), 719-729.  
ISSN: 0340-4285  
DOI: <http://doi.org/10.1070/s11243-018-0260-2>
- S. Radisavljević, A. Đeković-Kesić, S. Jovanović and **B. Petrović**  
Kinetics and mechanism of interactions of some monofunctional Au(III) complexes with sulphur nucleophiles

- Transition Metal Chemistry, 2018, 43 (4), 331-338.  
ISSN: 0340-4285  
DOI: <http://doi.org/10.1070/s11243-018-0221-9>
- D. Čočić, S. Jovanović, M. Nišavić, D. Baskić, D. Todorović, S. Popović, Ž. Bugarčić and **B. Petrović**  
New dinuclear palladium(II) complexes: Studies of the nucleophilic substitution reactions, DNA/BSA interactions and cytotoxic activity  
Journal of Inorganic Biochemistry, 2017, 175, 67-79.  
ISSN: 0162-0134  
DOI: <http://dx.doi.org/10.1016/j.jinorgbio.2017.07.009>
  - S. Jovanovic, K. Obrenčević, Ž. D. Bugarčić, I. Popović, J. Žakula, **B. Petrović**  
New bimetallic palladium(II) and platinum(II) complexes: studies of the nucleophilic substitution reactions, interactions with CT-DNA, bovine serum albumin and cytotoxic activity  
Dalton Transactions, 2016, 45, 12444 – 12457.  
ISSN: 1477-9226  
DOI: 10.1039/C6DT02226J
  - M. Kosović, S. Jovanović, G. Bogdanović, G. Giester, Ž. Jaćimović, Ž. D. Bugarčić and **B. Petrović**  
Kinetics and mechanism of the substitution reactions of some monofunctional Pt(II) complexes with heterocyclic nitrogen donor molecules. Crystal structure of [Pt(bpma)(pzBr)]Cl<sub>2</sub>·2H<sub>2</sub>O  
Journal of Coordination Chemistry, 2016, 69(19), 2819-2831.  
ISSN: 0095-8972  
DOI: <http://dx.doi.org/10.1080/00958972.2016.1224336>
  - M. Kosović, Ž. Jaćimović, Ž. D. Bugarčić and **B. Petrović**  
Kinetics and mechanism of the substitution reactions of some bifunctional palladium(II) complexes with different nitrogen- donor heterocycles  
Transition Metal Chemistry, 2016, 41 (2), 161-168.  
ISSN: 0340-4285  
DOI: <https://doi.org/10.1007/s11243-015-0008-1>
  - M. Kosović, Ž. Jaćimović, Ž. D. Bugarčić and **B. Petrović**  
Kinetics and mechanism of the substitution reactions of some monofunctional Pd(II) complexes with different nitrogen-donor heterocycles  
Journal of Coordination Chemistry, 2015, 68 (17-18), 3003-3012.  
ISSN: 0095-8972  
DOI: <http://dx.doi.org/10.1080/00958972.2015.1044446>
  - S. Jovanović, **B. Petrović**, M. Petković and Ž. D. Bugarčić  
Kinetics and mechanism of substitution reactions of the new bimetallic  
[[PdCl(bipy)]{μ-(NH<sub>2</sub>(CH<sub>2</sub>)<sub>6</sub>NH<sub>2</sub>)}{PtCl(bipy)}]Cl(ClO<sub>4</sub>) complex with important bio-molecules  
Polyhedron, 2015, 101, 206-214.  
ISSN: 0277-5387  
DOI: <https://doi.org/10.1016/j.poly.2015.09.021>
  - S. Marković, R. Karkalić and **B. Petrović**  
Disproportionation reaction of iodos acid, HOIO. Determination of the concentrations of the relevant ionic species H<sup>+</sup>, H<sub>2</sub>OI<sup>+</sup>, and IO<sub>3</sub>  
Research on Chemical Intermediates, 2015, 41, 1293-1300.  
ISSN: 0922-6168  
DOI: <https://doi.org/10.1007/s11164-013-1273-2>
  - R. M. Karkalić, D. B. Jovanović, S. S. Radaković, D. S. Rajić, **B. V. Petrović**, N. D. Ivanković and Ž. B. Senić  
The influence of the passive evaporative cooling vest on a chemical industry workers and physiological strain level in hot conditions  
Hemijska industrija, 2015, 69 (6), 587-594.  
ISSN: 0367-598X  
DOI: <https://doi.org/10.2298/HEMIND140705079K>

- S. Jovanović, **B. Petrović**, Ž. D. Bugarčić and R. Van Eldik  
Reduction of some Pt(IV) complexes with biologically important sulfur-donor ligands  
Dalton Transaction, 2013, 42 (24), 8890 – 8896.  
ISSN: 1477-9226  
DOI: 10.1039/C3DT50751C
- A. Mijatović, R. M. Jelić, J. Bogojeski, Ž.D. Bugarčić and **B. V. Petrović**  
Kinetics, mechanism, and equilibrium studies of the reactions between ruthenium(II) complex and some nitrogen- and sulfur-donor nucleophiles  
Monatshefte für Chemie, 2013, 144, 1489-1498.  
ISSN: 0026-9247  
DOI: <https://doi.org/10.1007/s00706-013-1044-1>
- E. Selimović, **B. Petrović**, D. Čanović, Ž. D. Bugarčić and J. Bogojeski  
Kinetic studies on the reactions of  $[(TLtBu)PtCl]^+$  and  $[Pt(tpdm)Cl]^+$  complexes with some thiols and thioethers  
Australian Journal of Chemistry, 2013, 66, 534-538.  
ISSN: 0004-9425  
DOI: <https://doi.org/10.1071/CH12218>
- A. Mijatović, B. Šmit, A. Rilak, **B. Petrović**, D. Čanović, Ž. D. Bugarčić  
NMR kinetic studies of the interactions between  $[Ru(terpy)(bipy)(H_2O)]^{2+}$  and some sulfur-donor ligands  
Inorganica Chimica Acta, 2013, 394, 552-557.  
ISSN: 0020-1693  
DOI: <https://doi.org/10.1016/j.ica.2012.09.016>
- E. Selimović, T. Vulović, **B. Petrović**, Ž. Bugarčić and J. Bogojeski  
Complex formation reactions of two sterically hindered platinum(II) complexes with some N-bonding ligands  
Transition Metal Chemistry, 2013, 38, 635-640.  
ISSN: 0340-4285  
DOI: <https://doi.org/10.1007/s11243-013-9731-7>
- **B. Petrović**, Ž. D. Bugarčić, A. Dees, I. Ivanović-Burmazović, F. W. Heinemann, R. Puchta, S. N. Steinmann, C. Corminboeuf and R. van Eldik  
Role of  $\pi$ -Acceptor Effects in Controlling the Lability of Novel Monofunctional Pt(II) and Pd(II) Complexes: Crystal Structure of  $[Pt(tripyrindimethane)Cl]Cl$   
Inorganic Chemistry, 2012, 51, 1516-1529.  
ISSN: 0020-1669  
DOI: 10.1021/ic201807a
- Ž. D. Bugarčić, J. Bogojeski, **B. Petrović**, S. Hochreuther and R. van Eldik  
Mechanistic studies on the reactions of platinum(II) complexes with nitrogen and sulfur-donor biomolecules  
Dalton Transactions, 2012, 41, 12329-12345.  
ISSN: 1477-9226  
DOI: 10.1039/C2DT31045G
- A. Djeković, **B. Petrović**, Ž. D. Bugarčić, R. Puchta and R. van Eldik  
Kinetics and mechanism of the reactions of Au(III) complexes with some biologically relevant molecules  
Dalton Transactions, 2012, 41, 3633-3641.  
ISSN: 1477-9226  
DOI: 10.1039/C2DT11843B
- M. Djurović, J. Bogojeski, **B. Petrović**, D. Petrović, F.W. Heinemann and Ž. D. Bugarčić

- Ligand substitution reactions of some sterically hindered Pt(II) complexes. The crystal structure of  $[\text{TL}^{\text{tBu}}\text{H}_2](\text{ClO}_4)_2 \cdot 0.5\text{H}_2\text{O}$   
Polyhedron, 2012, 41, 70-76.  
ISSN: 0277-5387  
DOI: <https://doi.org/10.1016/j.poly.2012.04.024>
- A. Mijatović, J. Bogojeski, **B. Petrović** and Ž. D. Bugarčić  
Substitution reactions of some novel sterically hindered monofunctional Pd(II) complexes  
Inorganica Chimica Acta, 2012, 383, 300-304.  
ISSN: 0020-1693  
DOI: <https://doi.org/10.1016/j.ica.2011.11.031>
  - R. Jelić, S. Marković and **B. Petrović**  
Equilibrium studies on complex formation reactions of dichlorido[(R,R)-trans-1,2-diaminocyclohexane] platinum(II) complex with ligands of biological significance  
Monatshefte für Chemie, 2011, 142, 985-992.  
ISSN: 0026-9247 DOI: <https://doi.org/10.1007/s00706-011-0553-z>
  - A. Rilak, **B. Petrović**, S. Grgurić-Šipka, Ž. Tešić and Ž. D. Bugarčić  
Kinetics and mechanism of the reactions of Ru(II)-arene complex with some biologically relevant ligands  
Polyhedron, 2011, 30, 2339-2344.  
ISSN: 0277-5387  
DOI: <https://doi.org/10.1016/j.poly.2011.06.019>
  - B. Damjanović, B. Petrović, **B. Petrović**, J. Dimitrić-Marković and M. Petković  
Comparison of MALDI-TOF mass spectra of  $[\text{PdCl}(\text{dien})]\text{Cl}$  and  $[\text{Ru}(\text{en})_2\text{Cl}_2]\text{Cl}$  acquired with different matrices  
Journal of the Serbian Chemical Society, 2011, 76, 1687-1701.  
ISSN: 0352-5139  
DOI: 10.2298/JSC110201145D
  - B. Damjanović, T. Kamčeva, **B. Petrović**, Ž. D. Bugarčić and M. Petrović  
Laser desorption and ionization time-of-flight versus matrix-assisted laser desorption and ionization time-of-flight mass spectroscopy of Pt(II) and Ru(III) metal complexes  
Analytical Methods, 2011, 3, 400-407.  
ISSN: 1759-9660  
DOI: 10.1039/C0AY00517G
  - S. Jovanović, **B. Petrović**, P. Čanović and Ž. D. Bugarčić  
Kinetics of the substitution reactions of some Pt(II) complexes with 5-GMP and L-histidine  
International Journal of Chemical Kinetics, 2011, 43, 99-106.  
ISSN: 0538-8066  
DOI: 10.1002/kin.20537
  - M. Milovanović, A. Djeković, V. Volarević, **B. Petrović**, N. Arsenijević and Ž. D. Bugarčić  
Ligand substitution reactions and cytotoxic properties of  $[\text{Au}(\text{L})\text{Cl}_2]^+$  and  $[\text{AuCl}_2(\text{DMSO})_2]^+$  complexes (L = ethylenediamine and S-methyl-cysteine)  
Journal of Inorganic Biochemistry, 2010, 104(9), 944-949.  
ISSN: 0162-0134  
DOI: <https://doi.org/10.1016/j.jinorgbio.2010.04.014>
  - S. Jovanović, **B. Petrović** and Ž. Bugarčić  
UV-Vis, HPLC, and  $^1\text{H}$ -NMR studies of the substitution reactions of some Pt(IV) complexes with 5'-GMP and L-histidine  
Journal of Coordination Chemistry, 2010, 63(14-16), 2419-2430.  
ISSN: 0095-8972  
DOI: <http://dx.doi.org/10.1080/00958972.2010.490296>
  - M. Petković, **B. Petrović**, Ž. D. Bugarčić, J. Dimitrić-Marković, T. Momić and V. Vasić

Flavonoids as matrices for MALDI-TOF mass spectroscopy analysis of transition metal complexes  
International Journal of Mass Spectrometry, 2010, 290, 39-46.  
ISSN: 1387-3806  
DOI: <https://doi.org/10.1016/j.ijms.2009.12.001>

- V. Volarević, M. Milovanović, A. Djeković, **B. Petrović**, N. Arsenijević and Ž. D. Bugarčić  
The cytotoxic effects of some selected gold(III) complexes on 4T1 cells and their role in the prevention of breast tumor growth in BALB/c mice  
Journal of the Balcan Oncology, 2010, 15, 768-773.  
ISSN: 1107-0625,
- S. Marković and **B. Petrović**  
Kinetics of the disproportionation reactions of  $\text{HIO}_2$  in acidic aqueous solutions  
International Journal of Chemical Kinetics, 2010, 42(11), 687-691.  
ISSN: 0538-8066  
DOI: 10.1002/kin.20516
- **B. Petrović**, Ž. D. Bugarčić and R. van Eldik  
Kinetic studies on the reactions of  $[\text{Pd}(\text{dach})(\text{X}-\text{Y})]$  complexes with some DNA constituents  
Dalton Transactions, 2008, 807-813.  
ISSN: 1477-9226  
DOI: 10.1039/B714329J
- Ž. D. Bugarčić, **B. Petrović**, Z. M. Bugarčić, S. M. Janković, S. V. Janković, G. Lukić, M. Novaković, V. Kostović, S. Popović, P. Djurdjević, D. Baskić and N. Arsenijević  
Effects of cisplatin and other Pt(II) complexes on spontaneous motility of isolated human oviduct  
Toxicology in Vitro, 2008, 22, 1878-1882.  
ISSN: 0887-2333  
DOI: <https://doi.org/10.1016/j.tiv.2008.09.011>
- B. Šmit, **B. Petrović**, S. Sovilj, D. Čanović and Ž. D. Bugarčić  
Study of the reactions of cisplatin with ranitidine and nizatidine by means of  $^1\text{H}$  NMR spectroscopy in  $\text{D}_2\text{O}$   
Monatshefte für Chemie, 2008, 139, 1197-1202.  
ISSN: 0026-9247  
DOI: <https://doi.org/10.1007/s00706-008-0915-3>
- Z. M. Bugarčić, **B. Petrović** and M. D. Rvović  
Kinetics and mechanism of the pyridine-catalyzed reaction of phenylselenenyl halides and some unsaturated alcohols  
Journal of Molecular Catalysis. A: Chemical, 2008, 287(1-2), 171-175.  
ISSN: 1381-1169  
DOI: <https://doi.org/10.1016/j.molcata.2008.03.014>
- Ž. D. Bugarčić, J. Rosić, **B. Petrović**, N. Summa, R. Puchta and R. van Eldik  
Kinetics and mechanism of the substitution reactions of  $[\text{PtCl}(\text{bpma})]^+$ ,  $[\text{PtCl}(\text{gly-met-S,N,N})]$  and their aqua analogues with L-methionine, glutathione and 5'-GMP  
Journal of Biological Inorganic Chemistry, 2007, 12, 1141-1150.  
ISSN: 0949-8257  
DOI 10.1007/s00775-007-0283-1
- D. Petrović, B. Stojimirović, B. Petrović, Z. M. Bugarčić and Ž. D. Bugarčić  
Studies of interactions between platinum(II) complexes and some biologically relevant molecules  
Bioorganic and Medicinal Chemistry, 2007, 4203-4211.  
ISSN: 0968-0896  
DOI: <https://doi.org/10.1016/j.bmc.2007.03.059>
- J. Rosić, **B. Petrović**, M. I. Djuran and Ž. D. Bugarčić



Thermodynamic and kinetic studies on reactions of Pt(II) complexes with pyrazole, pyridazine and 1,2,4-triazole  
 Monatshefte fur Chemie, 2007, 138, 1-11.  
 ISSN: 0026-9247  
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