

CURRICULUM VITAE

Family name (Surname):

Trifunović

First name:

Srećko

Permanent address:

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**Department of Chemistry
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University of Kragujevac
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Date of birth:

December 10, 1954.

Country and place of birth:

Serbia, Crna Glava

Marital status:

Married (two children)

Wife:

Danijela Trifunović

Citizenship:

Serbia

Nationality:

Serb

***Persons fully dependent upon
me for financial support:***

(a) Name

Nemanja Trifunović

(b) Date of birth

August 15, 1983.

(c) Relationship

Son

(a) Name

Dunja Trifunović

(b) Date of birth

October 19, 1998.

(c) Relationship

Daughter

EDUCATION

Primary School:

**Gruža, Serbia
1961 - 1969.**

Secondary School:

**Kragujevac, SCG
1969 - 1973.**

Diploma in Chemistry:

**Faculty of Science
University of Kragujevac
Kragujevac, Serbia
1973 - 1978.**

M. S. Degree in Chemistry:

**Faculty of Science
University of Kragujevac
Kragujevac, Serbia
1979 - 1985.**

Ph. D. in Chemistry:

**Faculty of Science
University of Kragujevac
Kragujevac, Serbia
1985 - 1991.**

Research Fellow:

(c/o. Professor Dieter Sellmann)

**University Erlangen-Nürnberg
Institut für Anorganische
Chemie
Egerlandstraße 1,
D-91058 Erlangen, Deutschland
Three months
1996.**

Professional Societies:

**Serbian Chemical Society,
Serbian Crystallographic
Society
Serbian Physico-chemical
Society**

List of significant publications:

**See attached The List of
Publications**

LANGUAGES

(a) Mother:

Serbian

(b) Other languages:

English, Russian

EMPLOYMENT

Assistant:

**Department of Chemistry
Faculty of Science**

	University of Kragujevac Kragujevac, Serbia 1979 - 1993.
<i>Assistant Professor:</i>	Department of Chemistry Faculty of Science University of Kragujevac Kragujevac, Serbia 1993 - 1998.
<i>Associate Professor:</i>	Department of Chemistry Faculty of Science University of Kragujevac Kragujevac, Serbia 1998 - 2005
<i>Full Professor:</i>	Department of Chemistry Faculty of Science University of Kragujevac Kragujevac, Serbia 27.05. 2005
<i>Teaching:</i>	Bioinorganic Chemistry, Inorganic pollutants, Chemistry (general course for students of physics), Chemistry 1 (for students of Pharmacy) General and inorganic chemistry
<i>Administration:</i>	Head the Department of Chemistry Faculty of Science University of Kragujevac Kragujevac, Serbia 1998 - 2000. Dean Faculty of Science University of Kragujevac Kragujevac, Serbia 2002 -2006 and 2015- President Serbian Crystallographic Society

2010-2014

EXPERIENCE

Science

Coordination Chemistry and Bioinorganic Chemistry

Synthesis of the coordination compounds of the different metal ions, resolution of the racemic mixtures of the prepared complexes to the optical isomers, absolute configuration of the enantiomers, biological activity.

A member of the staff of the different scientific projects supported by Ministry of Science of, earlier, Yugoslavia now Republic of Serbia since 1979.

The leader of the subproject of the FP7 project - *Centre for Pre-Clinical Testing of Active Substances* (2009-2011)

The leader of the scientific project (No 172016) - *Synthesis, modeling, physico-chemical and biological properties some organic compounds and corresponding metal complexes* (2011-2016) supported by Ministry of Education, Science and Technological Development of the Republic of Serbia.

Other

A leader of Headquarter of Civil Protection for Central region of Serbia- located in Kragujevac (1990-present)

A leader of expert team for Local Environment Action Plan (LEAP)-municipality of Kragujevac (finished and accepted 2004.) a member of expert team for Local Environment Action Plan (LEAP)-municipality of Kragujevac (finished and accepted 2010)

A leader of Project (for Government of Republic Serbia-Ministry for environment) „Study of past, temporary and future environment plans in Kragujevac” (2003.)

A member national team for National Environment Action Plan (NEAP) and National Environment Policy Plan (NEPP) of Republic Serbia -group for water (2004).

A lot of analysis different materials (water, ground, food, ear and so on), recycling (solvents, chemicals,...) and detoxification of industrial waste materials.

A contact person for Faculty of Science, University of Kragujevac for TEMPUS project:
- *Education Network Based on Information Technology*, 2002-2005

- A contact person for University of Kragujevac for TEMPUS projects:
- *Network education at Faculties of Science in Serbia*, 2006-2006
 - *Master program for Subject Teachers in Serbia*, 2010-2012
 - *Master program in applied statistics*, 2010-2012.

A coordinator of TEMPUS project for Serbia:
- *Science Teacher Education Revision and Upgrading*, 2005-2008.

A leader of bilateral projects Belorussia-Serbia (2012-2104 and 2014-2016) (University of Minsk and University of Kragujevac) and Slovakia-Serbia (2014-2016) (P.J. Safarik University in Kosice and University of Kragujevac)

Bibliography of dr Srećko R. Trifunović

1. Master degree and PhD Thesis

- 1.1. S. R. Trifunović,
Struktura oksalato i malonato hrom(III)-kompleksa sa kvadridentatnim diamin-N,N'-diacetato ligandima,
Magistarska teza, Prirodno-matematički fakultet, Univerzitet u Kragujevcu, 1985.
- 1.2. S. R. Trifunović,
Struktura i aspotne konfiguracije 1,3-propan-diamin-N,N'-diacetato-N,N'-di-3-propionato-kobaltat(III)-kompleksa,
Doktorska disertacija, Prirodno-matematički fakultet, Univerzitet u Kragujevcu, 1991

2. Reviews

- 2.1. I. Bernal, J. Cetrullo, J. Myrczek, J. S. Ricci, Jr., D. J. Radanović and S. R. Trifunović,
Metal amine carboxylates as hydronium ion traps. Part 5.1. The structure of $K_{1/2}(H_5O_2)_{1/2} \{ (-)_D\text{-trans}(O_6)\text{-} [Co(1,3\text{-SS-pddadp})] \} \cdot 2H_2O$ (I) determined at 18^0C and -100^0C and of $Li \{ (-)_D\text{-trans}(O_6)\text{-} [Co(1,3\text{-SS-pddadp})] \} \cdot 7H_2O$ (II) at 18^0C . Intermolecular Interactions in the crystallization of metal diamine carboxylates and on hydronium traps,
Intermolecular Interactions, W. Gans and J. C. A. Boyens, eds., Plenum Press, New York, 1998, p.155.
- 2.2. T. J. Sabo, S. R. Grgurić-Šipka and S. R. Trifunović,
Transition metal complexes with edda-type ligands-a review,
Synth. Reac. Inorg. Met-Org. Chem., **32(9)** 2002, 1661-1717.
- 2.3. Ivana D. Radojević, Verica V. Glodjović, Gordana P. Radić, Jelena M. Vujić, Olgica D. Stefanović, Ljiljana R. Čomić and Srećko R. Trifunović
From Synthesis to Antibacterial Activity of Some New Palladium(II) and Platinum(IV) Complexes,
Antimicrobial Agents/ Book 1, Chapter 15, Inteh Open Access Publisher, 2012, p. 311-332
ISBN 979-953-307-281-3

3. Scientific papers

- 3.1. D. S. Veselinović, S. A. Grujić, S. R. Trifunović, and D. J. Radanović,
Investigation of the Complex of Cr(III) and Trimethylenediamine-N,N'-diacetic Acid,
Bull. Soc. Chim. Beograd, **48** (1983) 245.
- 3.2. D. J. Radanović, S. R. Trifunović, D. E. Bause, C. Maricondi, J. E. Abola, and B. E. Douglas,

- Ligand Substituent Contributions to the Rotational Strengths in Cyano(ethylenediamine-*N,N,N'*-triacetato)cobaltate(III) Complexes. Crystal Structures of Rb(-)₅₄₆-cis-eq-[Co(ed3a)CN]·2H₂O and K(-)₅₄₆-cis-eq-[Co(hed3a)CN]·1,5H₂O, Inorg.Chem., **26** (1987) 3994.*
- 3.3. D. J. Radanović, S. R. Trifunović, C. Maricondi, and B. E. Douglas,
*Cobalt(III) Complexes of 1,3-Propanediamine-*N,N'*-diacetic-*N,N'*-di-3-propionic Acid and 1,3-Propanediamine-*N*-3-propionic-*N,N'*-triacetic Acid, Inorg. Chem., **27** (1988) 764.*
 - 3.4. C. Maricondi, S. Utsuno, D. J. Radanović, S. R. Trifunović, J. E. Abola, and B. E. Douglas,
*Proton and Carbon-13 NMR Studies of cis-eq- and trans-eq- Ethylenediamine-*N,N,N'*-triacetatocobalt(III) and cis-eq-*N*-Methylethylenediamine-*N,N'*-triacetato-cobaltate(III). Crystal Structure of NH₄cis-eq-[Co(ed3a)CN], Inorg. Chim. Acta, **142** (1988) 135.*
 - 3.5. D. J. Radanović, S. R. Trifunović, S. A. Grujić, C. Maricondi, M. Parvez, and B. E. Douglas,
*Diamine-*N,N'*-diacetatochromate(III) Complexes with Oxalate and Malonate Anions. Crystal Structure of (-)₅₈₉-[Co(en)₂(C₂O₄)]-(-)₅₄₆-[Cr(1,3-pdda)(mal)]·H₂O, Inorg. Chim. Acta, **157** (1989) 33.*
 - 3.6. D. J. Radanović, S. R. Trifunović, M. S. Cvijović, C. Maricondi, and B. E. Douglas,
*Synthesis and characterization of hexadentate cobalt(III) complexes with novel edta-type ligands. Part 2. Circular dichroism of the trans(O₅O₆) and trans(O₆) isomers of a cobalt(III) complex of 1,3-propanediamine-*N,N'*-diacetic-*N,N'*-di-3-propionic acid, Inorg. Chim. Acta, **196** (1992) 161.*
 - 3.7. D. J. Radanović, S. R. Trifunović, C. Maricondi and B. E. Douglas,
*Synthesis and characterization of hexadentate cobalt(III) complexes with novel edta-type ligands. Part 4. Circular dichroism of the trans(O₅O₆) isomer of a cobalt(III) complex of 1,3-propanediamine-*N,N,N'*-triacetic-*N'*-3-propionic acid, Inorg. Chim. Acta, **219** (1994) 147.*
 - 3.8. M. Parvez, C. Maricondi, D. J. Radanović, S. R. Trifunović, V. D. Miletić and B. E. Douglas,
*The Crystal Structure of Potassium trans(O₆)-1,3-propanediamine-*N,N'*-diacetato-*N,N'*-di-3-propionato-cobaltate(III) trihydrate and consideration of ring strain, Ktrans(O₆)-[Co(1,3-pddadp)]·3H₂O, Inorg. Chim. Acta, **248** (1996) 89.*
 - 3.9. T. J. Sabo and S. R. Trifunović,
Preparation and characterization of meridional isomers of uns-cis-(ethylenedi-amine-

- N,N'*-di-3-propionato)cobalt(III) complexes with some β -amino acids
J. Serb. Chem. Soc., **61**(12) (1996) 1179.
- 3.10 T. Sabo, D. Minić i S. R. Trifunović,
*Sinteza, karakterizacija i termičke osobine meridijalnog izomera uns-cis-(etilen-diamin-*N,N'*-di-3-propionato)-à(α -amino-izobutirato)kobalt(III) semihidrata*,
Tehnika-Novi materijali, **9-10** (1996) 4.
- 3.11 T. J. Sabo, S. Samardžija, D. Poleti and S. R. Trifunović,
*Synthesis and characterization of s-cis-bis(ethylenediamine-*N,N'*-diacetato)- μ -O,O'-glycinato- μ -hydroxo-dichromium(III) monohydrate*,
J. Serb. Chem. Soc. **62**(11) (1997) 1057.
- 3.12 T. J. Sabo, S. R. Grgurić, Ž. Lj. Tešić and S. R. Trifunović,
*Synthesis and characterization of uns-cis-(ethylenediamine-*N,N'*-di-3-propionato)-cobalt(III) complexes with symmetrical β -diketonato ligands*,
J. Serb. Chem. Soc. **63**(3) (1998) 195.
- 3.13 B. Prelesnik, K. Anđelković, Z. Marković, T. Sabo and S. Trifunović,
Potassium 3-dithiocarboxy-3-aza-5-aminopentanoate dihydrate,
Acta Cryst., **C53** (1997) 719.
- 3.14 Ž.Lj. Tešić, S.R. Grgurić, S.R. Trifunović, D.M. Milojković and T. J. Sabo,
Chromatographic separation of facial and meridional isomers of cobalt(III) complexes by planar chromatography,
J. Planar Chromatography, **10** (1997) 457.
- 3.15 S. Grgurić, S. R. Trifunović and T. J. Sabo,
*The preparation and characterization of facial and meridional isomers of uns-cis-(ethylenediamine-*N,N'*-di-3-propionato)cobalt(III) complexes with aliphatic α -S-amino acids*,
J. Serb.Chem.Soc., **63**(8) (1998) 669.
- 3.16 S. R. Trifunović, Z. Marković, K. Anđelković, T. Sabo and D. Minić,
Synthesis, characterization and thermal decomposition of cobalt(II) complexes with potassium 3-(dithiocarboxy)-3-aza-5-aminopentanoate dihydrate,
Tehnika (Belgrade) **53**(5-6) (1998) NM1-NM3.
- 3.17 T. J. Sabo, S. R. Grgurić, D. D. Minić and S. R. Trifunović,
*Preparation and characterization facial and meridional isomers of uns-cis-(ethylenediamine-*N,N'*-di-3-propionato)(glycinato)cobalt(III) semihydrate*,
J. Coord. Chem., **44** (1998) 47.
- 3.18 Z. D. Matović, S. R. Trifunović, G. Ponticelli, L. P. Bataglia, G. Pelizzi, I. Efimenko and D. J. Radanović,
Solvent-induced reaction of rhodium(III) halide with N-heterocyclic Ligands. Crystal

structure of trans-dichlorotetrakis(N-methylimidazole) Rhodium(III) chloride dihydrate, *Inorg. Chim. Acta*, **278** (1998) 209.

- 3.19. T. J. Sabo, L. P. Popović and S. R. Trifunović,
Synthesis and characterization facial and meridional isomers of uns-cis-(ethylenediamine-N,N'-di-3-propionato)(nor-valinato)cobalt(III) complex,
Bull. Chem. Techn. Maced., **18(1)** (1999) 51.
- 3.20. Ž. Lj. Tešić, T. J. Sabo, S. R. Trifunović and D. M. Milojković,
TLC of facial and meridional Isomers of cobalt(III) and chromium(III) complexes on polyacrylonitrile sorbent,
J. Chromatogr., A **847(1+2)** (1999) 279.
- 3.21. S. R. Trifunović, J. M. Dišić and T. J. Sabo,
The preparation and characterization of facial and meridional isomers of uns-cis-(ethylenediamine-N,N'-di-3-propionato)cobalt(III) complexes with aliphatic α -S-amino acids containig oxygen and sulfur,
Synth. React. Inorg. Metaloorg. Comp., **9**, (1999) 1673.
- 3.22. S. R. Trifunović, N. Vučković, S. A. Grujić and T. J. Sabo,
Synthesis and characterization of uns-cis-(ethylenediamine-N,N'-di-3-propionato)cobalt(III) complexes with symmetrical β -diketonato ligands,
J. Serb. Chem. Soc. **64(1)** (1999) 31.
- 3.23. J. T. Sabo, S. R. Trifunović, D. M. Minić,
Synthesis, characterization and thermal propeties of meridional isomer of uns-cis-(ethylenediamine-N,N'-di-3-propionato)(D-alaninato)cobalt(III) trihydrate,
Tehnika (Belgrade) **54(2)** (1999) NM9-NM12.
- 3.24. J. M. Dišić, S. R. Trifunović, S. A. Grujić and P. Đurđević,
Solution equilibria between ethylenediamine-N,N'-di-3-propionate and some transition metal(II) ions
Talanta, **49**, 473 (1999).
- 3.25. Z. B. Marković, G. A. Bogdanović, A. Spasojević-de Bire, T. J. Sabo, S. R. Trifunović,
Crystal structure of ammonium iminodiacetate, $NH_4C_4H_6NO_4$,
Z. Kristallogr. NCS **215** (2000) 363.
- 3.26. T. J. Sabo, S. R. Trifunović,
Synthesis and characterization of meridional isomer of uns-cis-(ethylenediamine-N,N'-di-3-propionato)(S-norleucinato)cobalt(III) semihydrate,
J. Serb. Chem. Soc. **65(7)** (2000) 537.
- 3.27. Z. D. Matović, B. Ristić, M. Joksović, Srećko R. Trifunović, G. Pelosi, S. Ianelli, G. Ponticelli
Square-planarcopper(II) complexes with novel tetradentate amino-carboxylate ligand,

Crystal structure of $[\text{Co}(\text{H}_2\text{O})_6][\text{Cu}(\text{mda})] \cdot 2\text{H}_2\text{O}$

Transition Metal Chemistry, **25** (2000) 760

- 3.28. S. R. Trifunović, Z. D. Matović and V. Milovanović,
*Manganese(II) complexes with edta-type ligands. The molecular structure of aqua-dihydrogen(1,2-propanediamine-*N,N,N',N'*-tetraacetate)manganese(II) trihydrate, $[\text{Mn}(\text{H}_2\text{1,2-pdta})(\text{H}_2\text{O})] \cdot 3\text{H}_2\text{O}$*
Transition Metal Chemistry, **25** (2000) 680
- 3.29. P. Genova, T. Varadinova, R. Alexandrova, S. R. Trifunović and P. Radivojša,
Citotoxicity of Co(III) complexes of arginine,
Met. Based Drugs, **8** (2001) 195.
- 3.30. S. R. Trifunović, Z. Marković, D. Sladić, K. Anđelković, T. Sabo and D. Minić,
The synthesis and characterization of nickel(II) and copper(II) complexes with the polydentate dialkyl dithiocarbamic acid ligand 3-dithiocarboxy-3-aza-5-aminopentanoate,
J. Serb. Chem. Soc. **67(2)** (2002) 115.
- 3.31. D. D. Stamenović and S. R. Trifunović,
*The synthesis and characterization of facial and meridional isomers of uns-cis-(ethylenediamine-*N,N'*-di-3-propionato) cobalt(III) complexes with S-lysine and S-histidine,*
J. Serb. Chem. Soc. **67(4)** (2002) 235.
- 3.32. S. R. Grgurić-Šipka, T. J. Sabo, S. R. Trifunović, D. M. Minić,
Investigation of thermal stability and kinetics of thermal degradation of meridional isomers of aminocarboxylato cobalt(III) complexes,
Thermochim. Acta **71107**, 1 8 (2002).
- 3.33. S. R. Trifunović, K. Andjelković, T. J. Sabo, Z. Marković and D. Minić,
Synthesis, characterization of tris[butyl-(1-methyl-3-phenyl-propyl)-dithiocarbamate]cobalt(III) sesquitoluene,
J. Serb. Chem. Soc. **67(5)** (2002) 367.
- 3.34. G. N. Kaludjerović, F. W. Heinemann, V. M. Leovac, S. R. Trifunović and T. J. Sabo,
Ethylenediammonium aquabis(malonato)oxovanadate(IV)
Acta Crystallogr., Section E: Structure Reports Online **E59(7)** (2003) m541.
- 3.35. S. R. Grgurić-Šipka, T. J. Sabo, S. R. Trifunović, D. M. Minić,
Investigation of thermal stability and kinetics of thermal degradation of meridional isomers of aminocarboxylato cobalt(III) complexes,
Thermochim. Acta, **399(1-2)** (2003) 145.
- 3.36. Z. B. Leka, V. M. Leovac, S. Lukić, T. J. Sabo, S. R. Trifunović and K. Mészáros-Szécsényi,
Synthesis and physico-chemical characterization of new dithiocarbamate ligand and its complexes with copper(II), nickel(II) and palladium(II),
J Therm. Anal. Calorim., **83(3)** (2004) 687-691

- 3.37. T. J. Sabo, G. N. Kaludjerović, S. R. Grgurić-Šipka, F. W. Heinemann, S. R. Trifunović, *Complex compounds of platinum(IV) and O,O'-dialkyl-ethylenediamine-N,N'-di-3-propionate ligands. A structural evidence for geometry of hydrolytic product of some eters*, *Inorg. Chem. Comm.* **7(2)** (2004) 241.
- 3.38. Z. Leka, S. Grujić, Z. Tešić, S. Lukić, S. Skuban and S. Trifunović, *The synthesis and characterization of zinc(II), cadmium(II), platinum(II) and palladium(II) with potassium 3-dithiocarboxy-3-aza-5-aminopentanoate*, *J. Serb. Chem. Soc.* **69(2)** (2004) 137
- 3.39. G. N. Kaludjerović, F. W. Heinemann, N. Ž. Knežević, S. R. Trifunović and T. J. Sabo, *Crystal structure of (ethylenediammonium N,N'-di-3-propanoic acid tetrachloro-palladate(II) complex*, *J. Chem. Crystall.*, **34(3)** (2004) 185.
- 3.40. S. R. Trifunović, M. D. Joksović and V. V. Glodjović, *The geometrical isomers of oxalato and malonato-(ethylenediamine-N,N'-di-S,S-2-propionato)chromate(III) complexes*, *J. Serb. Chem. Soc.* **70(1)** (2005) 1.
- 3.41. Z. D Matovic, V. D. Miletic, G. N. Samardzic, G. Pelosi, S. Ianelli, S. R. Trifunovic *Square-planar copper(II) complexes with tetradentate amido-carboxylate ligands. Crystal structure of Na-2[Cu(obap)](2)center dot 2H(2)O. Strain analysis and spectral assignments of complexes* *Inorg. Chim. Acta*, **358** (2005) 3135-3144.
- 3.42. Z. D. Petrović, M. I. Djuran, F.W. Heinemann, S. Rajković i S. R. Trifunović, *Synthesis, structure and hydrolytic reaction of trans-dichlorobis(diethanolamine-N)palladium(II) with N-acetylated L-histidylglycine dipeptide*, *Bioorg. Chem.* **34** (2006) 225-234
- 3.43. Z. B. Leka, V. M. Leovac, S. R. Lukic, T. J. Sabo, S. R. Trifunovic, K. F Mesaros-Secenji *Synthesis and physico-chemical characterization of new dithiocarabamato ligand and its complexes with copper(II), nickel(II) and palladium(II)* *J. Therm. Anal. Calorim.*, **83** (2006) 687-691.
- 3.44. B. B. Krajcinovic, G. N. Kaludjerovic, D. Steinborn, H. Schmidt, C. Wagner, Z. S. Zizak, Z. D. Juranic, S. R Trifunovic, T. J Sabo *Synthesis and in vitro antitumoral activity of novel O,O '-di-2-alkyl-(S,S)-ethylenediamine-N,N '-di-2-propanoate ligands and corresponding platinum(II/IV) complexes* *J. Inorg. Biochem.*, **102** (2008) 892-900.
- 3.45. V. V. Glodjovic, S. R. Trifunovic, *Stereospecific ligands and their complexes. Synthesis and characterization of the*

- s-cis-K[Ru(S,S-eddp)Cl₂] 3H₂O*
J. Serb. Chem. Soc., **73** (2008) 541-545.
- 3.46. V. V. Glodjovic, F. W. Heinemann, S. R. Trifunovic
Stereospecific Ligands and their Complexes. III. Oxalato and Malonato-ethylene-diamine-N,N'-di-S,S-2-propionato)-Chromate(III) Complexes. Crystal Structure of the $\Delta(-)$ -₅₈₉-s-cis-K[Cr(S,S-eddp)(ox)] 0.5H₂O
J. Chem. Crystall., **38** (2008) 883-889.
- 3.47. M. Cvijovic, D. D. Golobocanin, S. R. Trifunovic, N. R. Miljevic
Alum-treated Drinking Water In Western Serbia
J. Environ. Protect. Ecol., **10** (2009) , 649-656.
- 3.48. B. B. Krajcinovic, G. N. Kaludjerovic, D. Steinborn, H. Schmidt, C. Wagner, K. Merzweiler. S. R. Trifunovic, T. J. Sabo
Palladium(II) complexes with R₂-edda derived ligands. Part I. Reaction of diisopropyl (S,S)-2,2'-(1,2-ethanediyl-diimino)-dipropionate with K₂[PdCl₄]
J. Serb. Chem. Soc., **74** (2009) 389-400.
- 3.49. S. R. Trifunovic, D. P. Dimitrijevic, G.P. Vasic, N. S. Radulovic, M. D. Vukicevic, F. W. Heinemann, R. D. Vukicevic
New Simple Synthesis of N-Substituted 1,3-Oxazinan-2-ones
Synthesis-Stuttgart, **6** (2010) 943-946. **M22**
- 3.50. V. M. Djjinovic V. V. Glodjovic, G. P. Vasic, V. S. Trajkovic, O. R. Klisuric, S. M. Stankovic, T. J. Sabo, S. R. Trifunovic
Stereospecific ligands and their complexes. IV: Synthesis, characterization and Cytotoxicity of novel platinum(IV) complexes with ethylenediamine-N,N'-di-S,S-2-Propionate and halogenido ligands: Crystal structure of s-cis-[Pt(S,S-eddp)Cl₂] 4H₂O and uns-cis-[Pt(S,S-eddp)Br₂]
Polyhedron, **29** (2010) 1933-1938 **M21**
- 3.51. R. M. Ghalib, S. H. Mehdi, R. Hashim, O. Sulaiman, A. Valkonen, K. Rissanen, S. R. Trifunovic
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9. Books

- 9.1. Srećko R. Trifunović,
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- 9.3. Srećko R. S. Trifunović i Mirjana Vukićević,
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- 9.4. Srećko R. Trifunović i Tibor Sabo
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Opšta hemija,
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10. Mentor

10.1. Graduate workss

Bio je mentor većeg broja diplomskih radova studenata Prirodno-matematičkog fakulteta u Kragujevcu i Hemijskog fakulteta u Beogradu.

10.2. Specialist works

- 10.2.1. Nela Vučković,
"Sinteza i karakterizacija uns-cis-(1,3-propan-diamin-N,N'-diacetato)-kobalt(III) kompleksa sa nekim simentričnim β -diketonato ligandima
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- 10.2.2. Milena Stanković,

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- 10.2.3. Mirjana Avramović
“Sinteza karakterisanje kompleksa platine(IV) sa 1,2-difenil-etilen-diamin- N,N' -di-3-propionatom”
Prirodno-matematički fakultet , Univerzitet u Kragujevcu, Kragujevac, 2007.

10.3. Magistarske teze (komentor)

- 10.3.1. Zorica Marković *“Sinteza, kristalna struktura i karakterizacija kalijum-3-ditiokarboksi-3-aza-5-amino-pentanoata i odgovarajućih kompleksa $Co(II)$, $Ni(II)$ i $Zn(II)$ ”*,
Hemijski fakultet, Univerzitet u Beogradu, Beograd, 1997.

10.4 Magistarske teze (mentor)

- 10.4.1. Jelena Dišić,
“Sinteza i karakterizacija etilendiamin- N,N' -di-3-propionato-kobalt(III) kompleksa sa nekim α -aminokiselinama koje sadrže kiseonik i sumpor u bočnom nizu”
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- 10.4.2. Vera Milovanović,
“Sinteza i struktura mangan(II)-kompleksa koji sadrže ligande edta-tipa”
Prirodno-matematički fakultet, Univerzitet u Kragujevcu, 2000.
- 10.4.3. Bojan Ristić,
“Sinteza i karakterisanje bakar(II) kompleksa sa novim diamido-dikarboksilatnim ligandom”
Prirodno-matematički fakultet, Univerzitet u Kragujevcu, 2000.
- 10.4.4. Danijela Stamenović,
“Sinteza i karakterizacija facijalnih i uns-cis-(etilendiamin- N,N' -di-3-propionato)-kobalt(III) kompleksa meridijalnih izomera sa S -lizinom i S -histidinom”,
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- 10.4.5. Glodjović Verica,
“Oksalato i malonato hrom(III) kompleksi sa asimetričnim S,S -eddp ligandom”,
Prirodno-matematički fakultet, Univerzitet u Kragujevcu, Kragujevac 2004

11. 5. Master's thesis (mentor)

- 11.5.1. Sonja Djurić

Prirodno-matematički fakultet, Univerzitet u Kragujevcu, Kragujevac 2012

11.5.2. Ana Djurić
Prirodno-matematički fakultet, Univerzitet u Kragujevcu, Kragujevac 2012

11.5.3. Sandra Jovičić
Prirodno-matematički fakultet, Univerzitet u Kragujevcu, Kragujevac 2012

12.5. Doctoral dissertation (co-mentor)

12.5.1. Zoca Leka,
“Sinteza i karakterizacija kompleksa nekih prelaznih metala sa novim ditiokarbamato ligandima”
Prirodno-matematički fakultet, Novi Sad, 2001.

13.6. Doctoral dissertation (mentor)

13.6.1. Verica V. Glodjović,
“Sinteza i karakterisanje kompleksa nekih prelaznih metala sa etilendiamin- N,N' -di- $-S,S$ -2-propionskom kiselinom”
Prirodno-matematički fakultet, Univerzitet u Kragujevcu, Kragujevac 2011

13.6.2. Gordana P. Radić,
“Sinteza i karakterizacija nekih kompleksa paladijuma(II) i njihova potencijalna biološka aktivnost”
Prirodno-matematički fakultet, Univerzitet u Kragujevcu, Kragujevac 2012

13.6.3. Jelena M. Vujić,
“Sinteza i karakterizacijai i potencijalna citotoksičnost O,O' -dialkil-(S,S)-etilendiamin- N,N' -di-2-(4-metil)-pentanoata i odgovarajućih paladijum(II), platina(II) i platina(IV) kompleksa”
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13.6.4. Дејана Димитријевић,
“Синтеза, карактерисање и потенцијална биолошка активност комплекса платина(IV) и паладијум(II) јона са дериватима етилендиамин- N,N' -ди-(S,S)-(2,2'-дибензил)ацетато лиганда”
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13.6.5. Драгослав Илић,
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