



CURRICULUM VITAE

Family name (Surname): Djuran
First name: Miloš

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Date of birth: July 24, 1952

Country and place of birth: Bosnia and Herzegovina, G. Kazanci
(Bosansko Grahovo)

Marital status: Married (two sons)

Nationality: Serbian

Present citizenship: Serbia

EDUCATION

Primary School: G. Kazanci, Bosansko Grahovo,
Bosnia and Herzegovina, 1959 – 1967

Secondary School: Bosansko Grahovo,
Bosnia and Herzegovina, 1967 - 1971

Diploma in Chemistry: Department of Chemistry
Faculty of Science
University of Belgrade
Belgrade, Serbia
1971 - 1976

M. S. Degree in Chemistry:
(Mentor: Professor Dušan J. Radanović)

Department of Chemistry
Faculty of Science
University of Belgrade
Belgrade, Serbia
1976 - 1981

PhD in Chemistry:
(Mentor: Professor Dušan J. Radanović)

Department of Chemistry
Faculty of Science
University of Kragujevac
Kragujevac, Serbia
1981 - 1985

Research Fellow:
(c/o. Professor Jan Reedijk)

Department of Chemistry
Gorlaeus Laboratories
Leiden University, Leiden
The Netherlands
1989 - 1990

Research Fellow:
(c/o. Professor Peter J. Sadler)

Department of Chemistry
Birkbeck College
University of London
London, England
1992 - 1994

Professional Societies:

Serbian Chemical Society;
The Member of the International
Editorial Board for the *Metal-Based
Drugs*
The Sub-Editor for the *Journal of the
Serbian Chemical Society*
The Member of the National Council for
the Science and Technological
Development of the Republic of Serbia,
2010 - **present**

List of significant publications:

80 Publications
(See attached List of Scientific
Publications)

LANGUAGES

(a) *Mother tongue:*
(b) *Other languages:*

Serbian
English, Russian

EMPLOYMENT

<i>Assistant:</i>	Department of Chemistry Faculty of Science University of Kragujevac Kragujevac, Serbia 1976 - 1985
<i>Assistant Professor:</i>	Department of Chemistry Faculty of Science University of Kragujevac Kragujevac, Serbia 1985 - 1995
<i>Associate Professor:</i>	Department of Chemistry Faculty of Science University of Kragujevac Kragujevac, Serbia 1995 – 2001
<i>Full Professor:</i>	Department of Chemistry Faculty of Science University of Kragujevac Kragujevac, Serbia 2001 - present
<i>Teaching:</i>	General and Inorganic Chemistry and Coordination Chemistry
<i>Administration:</i>	Head of the Department of Chemistry, Faculty of Science University of Kragujevac Kragujevac, Serbia 1987-1989 Vice-Dean of the Faculty of Science University of Kragujevac, Serbia 1998 – 2001 Vice-Rector of the University of Kragujevac, Serbia May 2001 – November 2001 Rector of the University of Kragujevac, Serbia October 2004 – October 2009

RESEARCH INTERESTS:

Coordination chemistry - Coordination chemistry of transition M(III) and M(II) complexes (M(III) = Co(III), Cr(III), Rh(III), Fe(III) and Ru(III); M(II) = Co(II), Cu(II), Ni(II), Ca(II), Mg(II), Mn(II), Cd(II) and Zn(II)) with different aminopolycarboxylate-type ligands. Syntheses of aminopolycarboxylato-metal complexes and their structural characterization by applying different spectroscopic techniques and X-ray crystallography.

Bioinorganic chemistry - Study of the reactivity of Pt(II) and Au(III) complexes by using multinuclear NMR and UV spectroscopy in relation to their antitumor activity. The regioselective hydrolysis of amide bond in histidine- and methionine-containing peptides promoted by different Pd(II) and Pt(II) complexes. Syntheses of Pt(II), Pd(II) and Au(III) complexes with peptides and their structural characterization by applying different spectroscopic methods (NMR, UV-Vis and IR) and X-ray crystallography.

A) SCIENTIFIC PUBLICATIONS OF Dr. MILOŠ I. DJURAN

- 1. K. D. Gailey, D. J. Radanović, M. I. Djuran and B. E. Douglas**
IDENTIFICATION AND CHARACTERIZATION OF SOME RHODIUM(III) COMPLEXES CONTAINING EDDDA AND 1,3-PDTA LIGANDS
J. Coord. Chem., **8**, 161 (1978)
- 2. D. J. Radanović, K. D. Gailey, M. I. Djuran and B. E. Douglas**
CIRCULAR DICHROISM AND ELECTRONIC ABSORPTION OF RHODIUM(III) EDTA-TYPE COMPLEXES:
Ethylenediamine-*N,N'*-diacetato-*N,N'*-di-3-propionatorhodate(III) and (*S,S*)-Ethylenediamine-*N,N'*-disuccinatorhodate(III) Ions
J. Coord. Chem., **10**, 115 (1980)
- 3. D. J. Radanović, M. I. Djuran, K. D. Gailey and B. E. Douglas**
CIRCULAR DICHROISM OF 1,3-PROPANEDIAMINETETRAACETATO-RHODATE(III) ION
J. Coord. Chem., **11**, 247 (1982)
- 4. D. J. Radanović, M. I. Djuran, D. Č. Stamenović and S. A. Grujić**
PREPARATION AND CHARACTERIZATION OF *uns-cis*-DI- μ -HIDROXO-BIS(DIAMINE-*N,N'*-DICARBOXYLATO)DICHROMIUM(III) COMPLEXES
Bull. Soc. Chim. Beograd, **49**, 315 (1984)
- 5. D. J. Radanović, M. I. Djuran, V. Miletić and R. Parijez**
Preparation and characterization of some *uns-cis*-ethylenediamine-*N,N'*-*di*-3-propionato cobalt(III) complexes
J. Serb. Chem. Soc., **50**, 99 (1985)
- 6. R. Herak, G. Srdanov, M. I. Djuran, D. J. Radanović and M. Bruvo**
Crystal Structures of Na[M(1,3-PDTA)].3H₂O (M = Cr, Rh; 1,3-PDTA = 1,3-propanediaminetetraacetate), and the Absolute Configuration of the (-)_D-Isomer of the Rh Complex
Inorg. Chim. Acta, **83**, 55 (1984)
- 7. R. Herak, Lj. Manojlović-Muir, M. I. Djuran and D. J. Radanović**
Correlation Between Structure and Circular Dichroism. Structure and Absolute Configuration of the (-)_D Isomer of Lithium(Ethylenediamine-*N,N'*-diacetato-*N,N'*-*di*-3-propionato)rhodate(III) Pentahydrate
J. Chem. Soc. Dalton Trans., 1985, 861.
- 8. D. J. Radanović, M. I. Djuran and B. E. Douglas**
Circular Dichroism of (Ethylenediaminetetrapropionato)rhodate(III) Ion
Inorg. Chem., **24**, 4239 (1985)

- 9. D. J. Radanović, M. I. Djuran, V. D. Miletić, C. Maricondi and B. E. Douglas**
 Synthesis and Characterization of Hexadentate Cobalt(III) Complexes with Novel *edta*-Type Ligands. 1. Circular Dichroism of a Cobalt(III) Complex of Ethylenediamine-*N*-acetic-*N,N',N'*-*tri*-3-propionic Acid
Inorg. Chem., **27** (1988) 1265.
- 10. D. J. Radanović, M. I. Djuran, M. M. Djorović and B. E. Douglas**
 Circular Dichroism of Chromium(III) Hexadentate *edta*-type Complexes. Part II. Ethylenediaminetetra-3-propionatochromate(III) Ion
Inorg. Chim. Acta, **146** (1988) 199.
- 11. M. Parvez, C. Maricondi, D. J. Radanović, M. I. Djuran and B. E. Douglas**
 Crystal structures and absolute configurations of (+)₅₈₉-Li[Co(edtp)].3H₂O and (+)₅₈₉-Li[Cr(edtp)].3H₂O complexes of ethylenediamine-*N,N,N',N'*-*tetra*-3-propionate ion and correlations with circular dichroism spectra
Inorg. Chim. Acta, **182** (1991) 177.
- 12. D. J. Radanović, M. I. Djuran, M. B. Dimitrijević and B. E. Douglas**
 Circular dichroism of chromium(III) hexadentate *edta*-type complexes. Part III. Ethylenediamine-*N*-acetato-*N,N',N'*-*tri*-3-propionatochromate(III) ion
Inorg. Chim. Acta, **186** (1991) 13.
- 13. M. I. Djuran, E. L. M. Lempers and J. Reedijk**
 Reactivity of Chloro- and Aqua(diethylenetriamine)platinum(II) Ions with Glutathione, *S*-Methylglutathione, and Guanosine 5'-Monophosphate in Relation to the Antitumor Activity and Toxicity of Platinum Complexes
Inorg. Chem., **30** (1991) 2648.
- 14. T. Yasui, T. Ama, G. B. Kauffman, D. J. Radanović and M. I. Djuran**
 RESOLUTION OF THE DODECAAMMINEHEXA- μ -HIDROXO- TETRA-COBALT(III) ION
Inorg. Synth., **29** (1992) 169.
- 15. D. J. Radanović, M. I. Djuran, T. S. Kostić, C. Maricondi and B. E. Douglas**
 Synthesis and characterization of hexadentate cobalt(III) complexes with new *edta*-type ligands. Part 3. Circular dichroism of a cobalt(III) complexes of ethylenediamine-*N,N,N'*-*tri*acetic-*N'*-3-propionic acid and ethylenediamine-*N,N*-diacetic-*N',N'*-*di*-3-propionic acid
Inorg. Chim. Acta, **207** (1993) 111.
- 16. D. J. Radanović, M. I. Djuran, T. S. Kostić and B. E. Douglas**
 Identification and characterization of the *trans*(O₅) and *trans*(O₅O₆) isomers of hexadentate rhodium(III) complex of 1,3-propanediamine-*N,N'*-diacetic-*N,N'*-*di*-3-propionic acid
Inorg. Chim. Acta, **211** (1993) 149.

- 17. K. J. Barnham, M. I. Djuran, U. Frey and P. J. Sadler**
 PALLADIUM ANALOGUES OF PLATINUM ANTICANCER DRUGS:
 CISPALLADIN AND CARBOPALLADIN
J. Inorg. Biochem., **51**(1993) 400.
- 18. K. J. Barnham, M. I. Djuran, U. Frey, M. A. Mazid and P. J. Sadler**
 [Pd(cyclobutane-1,1-dicarboxylate-O,O')(NH₃)₂]: the Pd(II) Analogue of a
 Platinum Anticancer Drug
J. Chem. Soc., Chem. Commun., 1994, 65.
- 19. S. L. Best, T. K. Chattopadhyay, M. I. Djuran, M. A. Mazid, R. A. Palmer
 and P. J. Sadler**
 X-Ray Crystal Structure and Solution Properties of [A^{III}(H₂-Gly-Gly-L-His)]Cl·H₂O
Metal-Based Drugs, **1(5-6)** (1994) 510.
- 20. S. L. Best, M. I. Djuran and P. J. Sadler**
 Binding of [Au(dien)Cl]Cl₂ to Tripeptides
Metal-Based Drugs, **1(5-6)** (1994) 509.
- 21. K. J. Barnham, M. I. Djuran, P. del S. Murdoch and P. J. Sadler**
 Intermolecular Displacement of *S*-Bound *L*-Methionine on Platinum(II)
 by Guanosine 5'-Monophosphate: Implications for the Mechanism of Action
 of Anticancer Drugs
J. Chem. Soc., Chem. Commun., 1994, 721.
- 22. W. Bal, M. I. Djuran, D. W. Margerum, M. A. Mazid, R. T. Tom, E.
 Nieboer and P. J. Sadler**
 Dioxygen-induced Decarboxylation and Hydroxylation of [Ni(II)(Gly-Gly-
 L-His)] Occurs via Ni(III): X-Ray Crystal Structure of [Ni(II)(Gly-Gly-μ-
 -hydroxy-D,L-Histamine)].3H₂O
J. Chem. Soc., Chem. Commun., 1994, 1889.
- 23. K. J. Barnham, C. J. Bauer, M. I. Djuran, M. A. Mazid, T. Rau and P. J.
 Sadler**
 Outer-Sphere Macrochelation in [Pd(en)(5'-GMP-N7)₂].9H₂O and
 [Pt(en)(5'-GMP-N7)₂].9H₂O: X-ray Crystallography and NMR Spectroscopy
 in Solution
Inorg. Chem., **34** (1995) 2826.
- 24. G. Vučković, D. Miljević, T. J. Janjić, M. I. Djuran and M. B. Čelap**
 SALTING-OUT THIN LAYER CHROMATOGRAPHY OF TRANSITION
 METAL COMPLEXES. COMPARATIVE STUDY OF THE EFFECT OF
 INCREASED NUMBER OF CH₂ GROUPS IN CHELATE RINGS AND
 THEIR SIDE CHAINS IN COBALT(III) COMPLEXES
J. Chromatography, **40** (1995) 445.

- 25. K. J. Barnham, M. I. Djuran, P. del S. Murdoch, J. D. Ranford and P. J. Sadler**
L-Methionine increase the Reaction of 5'-Guanosine Monophosphate with the Anticancer Drug Cisplatin: Mixed Ligand Adducts and Reversible Methionine Binding
J. Chem. Soc. Dalton Trans., (1995) 3721.
- 26. M. I. Djuran, S. Konstantinović, V. Pavlović, J. Predojević, Z. Ratković A. Rufinska and S. Simova**
Studies of ferrocene derivatives. The reaction of ferrocenyl carbonyl compounds with organomagnesium halides
J. Serb. Chem. Soc., **60(8)** (1995) 729.
- 27. K. J. Barnham, M. I. Djuran, P. del S. Murdoch, J. D. Ranford and P. J. Sadler**
Ring-Opened Adducts of the Anticancer Drug Carboplatin with Sulfur Amino Acids
Inorg. Chem., **35** (1996) 1065.
- 28. G. Vučković, D. Miljević, T. J. Janjić, M. I. Djuran and M. B. Čelap**
EFFECT OF SOLVENT SYSTEM POLARITY ON R_M VALUES OF COBALT(III) COMPLEXES OBTAINED ON SILICA GEL THIN LAYERS
J. Serb. Chem. Soc., **61(7)** (1996) 615.
- 29. P. J. Barrie, M. I. Djuran, M. A. Mazid, M. McPartlin, P. J. Sadler, I. J. Scowen and H. Sun**
Solid-state carbon-13 nuclear magnetic resonance investigations of bismuth citrate complexes and crystal structure of $\text{Na}_2[\text{Bi}_2(\text{cit})_2] \cdot 7\text{H}_2\text{O}$
J. Chem. Soc., Dalton Trans., (1996) 2417.
- 30. S. Konstantinović, S. Simova, A. Rufinska, Z. Ratković, J. Predojević and M. I. Djuran**
Stereochemistry of *erythro*- and *threo*-1,1'-bis(1-hydroxy-1-methylalkyl)ferrocenes investigated by NMR spectroscopy
Indian Journal of Chemistry, **35B** (1996) 1248.
- 31. S. Konstantinović, S. Simova, Z. Ratković, J. Predojević, M. I. Djuran and L.J. Joksović**
Studies of ferrocene derivatives II. ^{13}C NMR spectra of some (1-hydroxylalkyl)- and (1-hydroxy-1-methylalkyl)ferrocenes
J. Serb. Chem. Soc., **61** (1996) 1083.
- 32. S. Konstantinović, S. Simova, A. Rufinska, Z. Ratković, J. Predojević and M. I. Djuran,**
Studies of ferrocene derivatives. III. High resolution NMR spectra of *erythro* and *threo* 1,1'-bis(1-hydroxy-1-methylalkyl)ferrocenes¹
J. Serb. Chem. Soc., **61** (1996) 1127. .

- 33. S. U. Milinković and M. I. Djuran**
 Selective Displacement of S-bound L-Methionine on Platinum by Histidine-Containing Ligands,
Gazzetta Chimica Italiana, **127** (1997) 69-72.
- 34. S. B. Best, T. K. Chattopadhyay, M. I. Djuran, R. A. Palmer, P. J. Sadler, I. Sóvágó, and K. Varnagy**
 Gold(III) and palladium(II) complexes of glycyglycyl-L-histidine: crystal structures of $[\text{Au}^{\text{III}}(\text{Gly-Gly-L-His-H}_2)]\text{Cl}\cdot\text{H}_2\text{O}$ and $[\text{Pd}^{\text{II}}(\text{Gly-Gly-L-His-H}_2)]\cdot 1.5\text{H}_2\text{O}$ and His ϵ NH deprotonation,
J. Chem. Soc. Dalton Trans., (1997) 2587-2596.
- 35. S. U. Milinković, T. N. Parac, M. I. Djuran and N. M. Kostić**
 Dependence of hydrolytic cleavage of histidine-containing peptides by palladium(II) aqua complexes on the coordination modes of the peptides,
J. Chem. Soc. Dalton Trans., (1997) 2771 – 2776.
- 36. Ž. D. Bugarčić, B. V. Djordjević and M. I. Djuran**
 Mechanism of the reactions between chloro(2,2':6',2''-terpyridine)platinum(II) and ligands containing a thiol group,
J. Serb. Chem. Soc., **62(11)** (1997) 1031-1036.
- 37. M. I. Djuran, S. U. Milinković and Ž. D. Bugarčić**
¹H NMR Investigations of the Competitive Binding of Sulfur-Containing Peptides and Guanosine 5'-Monophosphate to a Monofunctional Platinum(II) Complex,
J. Coord. Chem., **44** (1998) 289-297.
- 38. M. I. Djuran and S. U. Milinković**
 NMR Study of the Interaction of Palladium(II) Complexes with Some Histidine-Containing Peptides. Effects of the Mode of Coordination on Hydrolytic Reaction,
Chemical Monthly, **130** (1999) 613-622.
- 39. M. I. Djuran and S. U. Milinković**
 Hydrolysis of amide bond in histidine-containing peptides promoted by chelated amino acid palladium(II) complexes: dependence of hydrolytic pathway on the coordination modes of the peptides,
Polyhedron, **18** (1999) 3611-3616.
- 40. B. V. Petrović, M. I. Djuran and Ž. D. Bugarčić**
 BINDING OF PLATINUM(II) TO SOME BIOLOGICALLY IMPORTANT THIOLS,
Metal-Based Drugs, **6** (1999) 355-360.
- 41. S. L. Best, Z. Guo, M. I. Djuran and P. J. Sadler**
 $[\text{Au}(\text{dien})\text{Cl}]\text{Cl}_2$: Exchange Phenomena Observed by ¹H and ¹³C NMR Spectroscopy,
Metal-Based Drugs, **6** (1999) 261-269.

42. **V. Kojić, G. Bogdanović, T. Srdić, D. Jakimov, Ž. D. Bugarčić, M. I. Djuran, D. Četojević-Simin, M. Baltić, V. Leovac**
In vitro analyses of antiproliferative activity of novel platinum(II) complexes with sulfur-containing ligands on MCF7 human breast cancer cell line,
Archive of Oncology, **7(4)** (1999) 153-157.
43. **M. I. Djuran and S. U. Milinković**
 Selective hydrolysis of unactivated peptide bond in *N*-acetylated L-histidylglycine catalyzed by various palladium(II) complexes: dependence of the hydrolysis rate on the steric bulk of the catalyst,
Polyhedron, **19** (2000) 959-963.
44. **M. I. Djuran and S. U. Milinković**
¹H N.M.R. Investigations of the Selective Intramolecular Migration of a Platinum(II) Complex from Methionine Sulfur to Imidazole *N1* in *N*-Acetylated L-Methionyl-L-Histidine,
Australian Journal of Chemistry, **53** (2000) 645-649.
45. **M. I. Djuran, D. P. Dimitrijević, S. U. Milinković and Ž. D. Bugarčić**
 Reactions of platinum(II) complexes with sulfur- and histidine-containing peptides: a model for selective platination of peptides and proteins,
Transition Metal Chemistry, **27** (2002) 155-158.
46. **Ž. D. Bugarčić, D. Ilić and M. I. Djuran**
 Kinetic Study of the Interactions of Palladium(II) Complexes with Thiols in Acidic Aqueous Solution,
Australian Journal of Chemistry, **54** (2001) 237-240.
47. **U. Rychlewska, M. I. Djuran, M. M. Vasojević, D. D. Radanović, V. M. Ristanović and D. J. Radanović**
 Hexadentate rhodium(III) complexes of 1,3-propanediamine--*N,N'*-diacetic-*N,N'*-di-3-propionic acid. Crystal structures of *trans*(O₅)-Na[Rh(1,3-pddadp)]·H₂O and (+)₅₈₉-*trans*(O₅O₆)-Na[Rh(1,3-pddadp)]·3H₂O and CD spectra correlation. Octahedral distortion of [Rh(edta-type)]⁻ complexes in relation to the structure of the ligand and geometry of the complex,
Inorg. Chim. Acta, **328** (2002) 218-228.
48. **M. I. Djuran, S. U. Milinković, A. Habtemariam, S. Parsons and P. J. Sadler**
 Crystal packing and hydrogen bonding in platinum(II) nucleotide complexes: X-ray crystal structure of [Pt(MeSCH₂CH₂SMe)(5'-GMP-*N7*)₂]·6H₂O,
J. Inorg. Biochem., **88** (2002) 268-273.
49. **G. Bogdanovic, V. Kojić, T. Srdić, D. Jakimov, M. I. Djuran, Z. D. Bugarčić, M. Baltić and V. V. Baltić**
 Growth Effects of Some Platinum(II) Complexes with Sulfur-Containing Carrier Ligands on MCF7 Human Breast Cancer Cell Line upon Simultaneous Administration with Taxol,
Metal-Based Drugs, **9(1-2)** (2002) 33-43.

- 50. D. D. Radanović, R. Rychlewska, M. I. Djuran, N. S. Drašković, M. M. Vasojević, I. M. Hodžić and D. J. Radanović**
Simple synthetic method and structural characteristics of (1,3-propanediaminetetraacetato)cobalt(II) complexes: uniform crystal packing in a series of metal (II) complexes with 1,3-propanediaminetetraacetate ligand
Polyhedron, **22** (2003) 2745-2753.
- 51. M. I. Djuran and D. D. Radanović**
Scientific Work of Dušan J. Radanović: Coordination Chemistry of Hexadentate EDTA-Type Ligands with Metal Ions
Kragujevac J. Sci., **25** (2003) 57-72.
- 52. U. Rychlewska, M. I. Djuran*, B. Warzajtis, D. D. Radanović, M. M. Vasojević and D. J. Radanović,**
Crystal structure of *cis*-polar,*trans*(Cl,O₅)-Na₂[Rh(1,3-pddadp)Cl]·7H₂O and structural correlations between octahedral pentadentate metal(III) complexes with diaminopolycarboxylato-type ligands,
Polyhedron, **22** (2003) 3265-3276.
- 53. D. D. Radanović, U. Rychlewska, M. I. Djuran*, B. Warzajtis, N. S. Drašković and D. M. Gurešić**
Alkaline Earth Metal Complexes of Edta-type with Six-membered Diamine Chelate Ring. Crystal Structures of [Mg(H₂O)₆][Mg(1,3-pdta)]·2H₂O and [Ca(H₂O)₃Ca(1,3-pdta)(H₂O)]·2H₂O. Comparative Stereochemistry of Edta-type Complexes
Polyhedron, **23** (2004) 2183-2192.
- 54. D. P. Ašanin, S. Rajković, D. Molnar-Gabor and M. I. Djuran***
Hydrolysis of the Peptide Bond in *N*-Acetylated *L*-Methionylglycine Catalyzed by Various Palladium(II) Complexes: Dependence of the Hydrolytic Reactions on the Nature of the Chelate Ligand in *cis*-[Pd(L)(H₂O)₂]²⁺ Complexes
Chemical Monthly, **135** (2004) 1445-1453.
- 55. N. S. Drašković, M. S. Cvijović, D. D. Radanović, V. Jevtović and M. I. Djuran***
Cobalt(II) complexes with aminopolycarboxylate 1,3-pdta-type ligands: synthesis and characterization of *trans*(O₆)-[Mg(H₂O)₆][Co^{II}(1,3-pddadp)]·H₂O
Transition Metal Chemistry, **29** (2004) 874-879.
- 56. M. I. Djuran* and D. D. Radanović**
Highly selective crystallization of divalent metal ions with 1,3-propanediaminetetraacetato ligand
Milenko B. Čelap, Beograd (2005) 85 - 91.
- 57. U. Rychlewska, D. M. Gurešić, B. Warzajtis, D. D. Radanović and M. I. Djuran***
Highly selective crystallization of metal(II) ions with 1,3-pdta ligand: Syntheses and crystal structures of the [Mg(H₂O)₆][Cd(1,3-pdta)(H₂O)]·2H₂O and two isomorphous [Zn(1,3-pdta)]²⁻ complexes
Polyhedron, **24** (2005) 2009-2016.

- 58. Z. D. Petrović*, M. I. Djuran*, F. W. Heinemann, S. Rajković and S. R. Trifunović**
 Synthesis, structure and hydrolytic reaction of *trans*- dichlorobis(diethanolamine-*N*) palladium(II) with *N*-acetylated *L*-histidylglycine dipeptide
Bioorganic Chemistry, **34** (2006) 225-234.
- 59. U. Rychlewska*, B. Warzajtis, D. Cvetić, D. D. Radanović, D. M. Gurešić and M. I. Djuran**
 Two distinct manganese(II) complexes with hexadentate 1,3-propane diaminetetraacetate ligand: The ability of metal(II) complexes with 1,3-pdta ligand to form solid solutions
Polyhedron, **26** (2007) 1717-1724.
- 60. 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
Chemical Monthly, **138** (2007) 1-11.
- 61. M. D. Živković, S. Rajković, U. Rychlewska, B. Warzajtis and M. I. Djuran***
 Study of the reactions of methionine- and histidine-containing peptides with palladium(II) complexes: Key role of steric crowding on palladium(II) in selective cleavage of the peptide bond
Polyhedron, **26** (2007) 1541-1549.
- 62. D. D. Radanović, M. S. Cvijović, M. Dj. Dimitrijević, B. Warzajtis, U. Rychlewska and M. I. Djuran***
 Tuning the Topologies of Co(II) and Ni(II) Complexes with EDTA, 1,3-PDTA and 1,4-BDTA Ligands: Synthesis and Spectroscopic Data of [Mg(H₂O)₆][Co(1,4-bdta)]·3H₂O and [Mg(H₂O)₆][Ni(1,4-bdta)]·3H₂O complexes, and X-Ray Structure of their Chiral Crystals
Polyhedron, **26** (2007) 4799-4808.
- 63. S. Grubišić, D. D. Radanović, U. Rychlewska, B. Warzajtis, N. S. Drašković, M. I. Djuran and S. R. Niketić***
 Conformational study of Co(II), Ni(II) and Cr(III) complexes of the EDTA-type: Crystal structure of 1D polymeric *trans*(O⁶)-Ba[Co(1,3-pddadp)]·8H₂O complex stabilized by infinite water tapes
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