

# Miloš I Djuran

## List of Publications by Year in descending order

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117  
papers

2,690  
citations

236925

25  
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233421

45  
g-index

118  
all docs

118  
docs citations

118  
times ranked

2192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold complexes as antimicrobial agents: an overview of different biological activities in relation to the oxidation state of the gold ion and the ligand structure. Dalton Transactions, 2014, 43, 5950-5969.	3.3	172
2	Ring-Opened Adducts of the Anticancer Drug Carboplatin with Sulfur Amino Acids. Inorganic Chemistry, 1996, 35, 1065-1072.	4.0	171
3	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. Inorganic Chemistry, 1991, 30, 2648-2652.	4.0	124
4	Intermolecular displacement of S-bound L-methionine on platinum(II) by guanosine 5'-monophosphate: implications for the mechanism of action of anticancer drugs. Journal of the Chemical Society Chemical Communications, 1994, , 721-722.	2.0	117
5	Outer-Sphere Macrochelation in [Pd(en)(5'-GMP-N7) <sub>2</sub> ].n.9H <sub>2</sub> O and [Pt(en)(5'-GMP-N7) <sub>2</sub> ].n.9H <sub>2</sub> O: X-ray Crystallography and NMR Spectroscopy in Solution. Inorganic Chemistry, 1995, 34, 2826-2832.	4.0	95
6	Reactions and structural characterization of gold(III) complexes with amino acids, peptides and proteins. Dalton Transactions, 2012, 41, 6887.	3.3	81
7	L-Methionine increases the rate of reaction of 5'-guanosine monophosphate with the anticancer drug cisplatin: mixed-ligand adducts and reversible methionine binding. Journal of the Chemical Society Dalton Transactions, 1995, , 3721-3726.	1.1	70
8	Dioxygen-induced decarboxylation and hydroxylation of [NiII(glycyl-glycyl-L-histidine)] occurs via NiIII: X-ray crystal structure of [NiII(glycyl-glycyl-L-hydroxy-D,L-histamine)]·3H <sub>2</sub> O. Journal of the Chemical Society Chemical Communications, 1994, , 1889-1890.	2.0	68
9	Dependence of hydrolytic cleavage of histidine-containing peptides by palladium(II) aqua complexes on the co-ordination modes of the peptides. Journal of the Chemical Society Dalton Transactions, 1997, , 2771-2776.	1.1	66
10	Gold(III) and palladium(II) complexes of glycyglycyl-L-histidine: crystal structures of [AuIII(Gly-Gly-L-His-H <sub>2</sub> ) <sub>2</sub> ]Cl·H <sub>2</sub> O and [PdII(Gly-Gly-L-His-H <sub>2</sub> ) <sub>2</sub> ]·1.5H <sub>2</sub> O and His-NH deprotonation. Journal of the Chemical Society Dalton Transactions, 1997, , 2587-2596.	1.1	63
11	Silver(I) complexes with phthalazine and quinazoline as effective agents against pathogenic Pseudomonas aeruginosa strains. Journal of Inorganic Biochemistry, 2016, 155, 115-128.	3.5	59
12	Crystal structures of Na[M(1,3-PDTA)]·3H <sub>2</sub> O (M = Cr, Rh; 1,3-PDTA = 1,3-propanediaminetetraacetate), and the absolute configuration of the (-)-D-isomer of the Rh complex. Inorganica Chimica Acta, 1984, 83, 55-64.	2.4	56
13	Synthesis and Evaluation of Series of Diazine-Bridged Dinuclear Platinum(II) Complexes through in Vitro Toxicity and Molecular Modeling: Correlation between Structure and Activity of Pt(II) Complexes. Journal of Medicinal Chemistry, 2015, 58, 1442-1451.	6.4	39
14	Crystal structures and absolute configurations of (+)-589-Li[Co(edtp)]·3H <sub>2</sub> O and (+)-589-Li[Cr(edtp)]·3H <sub>2</sub> O complexes of ethylenediamine-N,N,N',N'-tetra-3-propionate ion and correlations with circular dichroism spectra. Inorganica Chimica Acta, 1991, 182, 177-186.	2.4	38
15	A comparative antimicrobial and toxicological study of gold(III) and silver(I) complexes with aromatic nitrogen-containing heterocycles: synergistic activity and improved selectivity index of Au(III)/Ag(I) complexes mixture. RSC Advances, 2016, 6, 13193-13206.	3.6	38
16	Mononuclear silver(I) complexes with 1,7-phenanthroline as potent inhibitors of Candida growth. European Journal of Medicinal Chemistry, 2018, 156, 760-773.	5.5	36
17	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, 2003, 22, 2745-2753.	2.2	34
18	Alkaline earth metal complexes of the edta-type with a six-membered diamine chelate ring: crystal structures of [Mg(H <sub>2</sub> O) <sub>6</sub> ][Mg(1,3-pdta)]·2H <sub>2</sub> O and [Ca(H <sub>2</sub> O) <sub>3</sub> Ca(1,3-pdta)(H <sub>2</sub> O)]·2H <sub>2</sub> O: comparative stereochemistry of edta-type complexes. Polyhedron, 2004, 23, 2183-2192.	2.2	34

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19	Crystallographic evidence of anion-π interactions in the pyrazine bridged {[Pt(en)Cl] <sub>2</sub> (1,4-pz)}Cl <sub>2</sub> complex and a comparative study of the catalytic ability of mononuclear and binuclear platinum(II) complexes in the hydrolysis of N-acetylated L-methionylglycine. <i>Polyhedron</i> , 2013, 51, 255-262.	2.2	34
20	Highly selective crystallization of metal(II) ions with 1,3-pdta ligand: Syntheses and crystal structures of the [Mg(H <sub>2</sub> O) <sub>6</sub> ][Cd(1,3-pdta)(H <sub>2</sub> O)]·2H <sub>2</sub> O and two isomorphous [Zn(1,3-pdta)] <sub>2</sub> · complexes. <i>Polyhedron</i> , 2005, 24, 2009-2016.	2.2	33
21	Selective hydrolysis of the 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. <i>Polyhedron</i> , 2000, 19, 959-963.	2.2	30
22	Two distinct manganese(II) complexes with hexadentate 1,3-propanediaminetetraacetate ligand: The ability of metal(II) complexes with 1,3-pdta ligand to form solid solutions. <i>Polyhedron</i> , 2007, 26, 1717-1724.	2.2	28
23	New dinuclear palladium(II) complexes with benzodiazines as bridging ligands: interactions with CT-DNA and BSA, and cytotoxic activity. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 1009-1022.	2.6	27
24	IDENTIFICATION AND CHARACTERIZATION OF SOME RHODIUM(III) COMPLEXES CONTAINING EDDDA AND 1,3-PDТА LIGANDS. <i>Journal of Coordination Chemistry</i> , 1978, 8, 161-167.	2.2	26
25	Binding of Platinum(II) to Some Biologically Important Thiols. <i>Metal-Based Drugs</i> , 1999, 6, 355-360.	3.8	26
26	Synthesis, structure, and hydrolytic reaction of trans-dichlorobis(diethanolamine-N)palladium(II) with N-acetylated L-histidylglycine dipeptide. <i>Bioorganic Chemistry</i> , 2006, 34, 225-234.	4.1	26
27	A study of the reactions of a methionine- and histidine-containing tetrapeptide with different Pd(II) and Pt(II) complexes: selective cleavage of the amide bond by platination of the peptide and steric modification of the catalyst. <i>Dalton Transactions</i> , 2009, , 8370.	3.3	26
28	Disparate behavior of pyrazine and pyridazine platinum(II) dimers in the hydrolysis of histidine- and methionine-containing peptides and unique crystal structure of {[Pt(en)Cl] <sub>2</sub> (1,4-pydz)}Cl <sub>2</sub> with a pair of NH <sub>3</sub> ···Cl <sup>-</sup> ···HN hydrogen bonds supporting the pyridazine bridge. <i>Polyhedron</i> , 2014, 67, 279-285.	2.2	26
29	Copper(II) complexes with aromatic nitrogen-containing heterocycles as effective inhibitors of quorum sensing activity in <i>Pseudomonas aeruginosa</i> . <i>RSC Advances</i> , 2016, 6, 86695-86709.	3.6	26
30	Synthesis, cytotoxic activity and DNA-binding properties of copper(II) complexes with terpyridine. <i>Polyhedron</i> , 2018, 139, 313-322.	2.2	26
31	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. <i>Polyhedron</i> , 1999, 18, 3611-3616.	2.2	25
32	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. <i>Journal of Coordination Chemistry</i> , 1980, 10, 115-123.	2.2	23
33	Synthesis of different pyrazine-bridged platinum(II) complexes and 1H NMR study of their catalytic abilities in the hydrolysis of the N-acetylated L-methionylglycine. <i>Polyhedron</i> , 2013, 65, 42-47.	2.2	23
34	Notes. Correlation between structure and circular dichroism. Structure and absolute configuration of the (Δ) isomer of lithium (ethylenediamine-N,N'-diacetato-N,N'-di-3-propionato)rhodate(III) pentahydrate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1985, , 861-864.	1.1	22
35	Mononuclear gold(III) complexes with L-histidine-containing dipeptides: tuning the structural and biological properties by variation of the N-terminal amino acid and counter anion. <i>Dalton Transactions</i> , 2017, 46, 2594-2608.	3.3	22
36	Mononuclear gold(III) complexes with phenanthroline ligands as efficient inhibitors of angiogenesis: A comparative study with auranofin and sunitinib. <i>Journal of Inorganic Biochemistry</i> , 2017, 174, 156-168.	3.5	22

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37	Copper(II) and Zinc(II) Complexes with the Clinically Used Fluconazole: Comparison of Antifungal Activity and Therapeutic Potential. <i>Pharmaceuticals</i> , 2021, 14, 24.	3.8	22
38	Silver( $\text{Ag}^+$ ) complexes with quinazoline and phthalazine: synthesis, structural characterization and evaluation of biological activities. <i>MedChemComm</i> , 2016, 7, 282-291.	3.4	21
39	[Pd(CBDCA-O $\text{O}^{\ominus}$ )(NH $_3$ ) $_2$ ]: the PdII analogue of a platinum anticancer drug (CBDCA =) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5</i>	2.0	20
40	Gold(III) complexes with monodentate coordinated diazines: An evidence for strong electron-withdrawing effect of Au(III) ion. <i>Polyhedron</i> , 2014, 79, 221-228.	2.2	20
41	Synthesis and characterization of hexadentate cobalt(III) complexes with new edta-type ligands Part 3. Circular dichroism of cobalt(III) complexes of ethylenediamine-N,N,N'-triacetic-N $\alpha$ -3-propionic acid and ethylenediamine-N,N'-diacetic-N $\alpha$ -di-3-propionic acid. <i>Inorganica Chimica Acta</i> , 1993, 207, 111-119.	2.4	19
42	A study of the reactions of methionine- and histidine-containing peptides with palladium(II) complexes: The key role of steric crowding on palladium(II) in the selective cleavage of the peptide bond. <i>Polyhedron</i> , 2007, 26, 1541-1549.	2.2	19
43	Hydrolysis of the amide bond in N-acetylated L-methionylglycine catalyzed by various platinum(II) complexes under physiologically relevant conditions. <i>Polyhedron</i> , 2011, 30, 947-952.	2.2	19
44	Water-soluble gold(III) complexes with N-donor ligands as potential immunomodulatory and antibiofilm agents. <i>Polyhedron</i> , 2018, 141, 164-180.	2.2	19
45	Synthesis, cytotoxic activity and DNA interaction studies of new dinuclear platinum( $\text{Pt}^{\text{II}}$ ) complexes with an aromatic 1,5-naphthyridine bridging ligand: DNA binding mode of polynuclear platinum( $\text{Pt}^{\text{II}}$ ) complexes in relation to the complex structure. <i>Dalton Transactions</i> , 2018, 47, 15091-15102.	3.3	19
46	Circular dichroism of (ethylenediaminetetrapropionato)rhodate(III) ion. <i>Inorganic Chemistry</i> , 1985, 24, 4239-4241.	4.0	18
47	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. <i>Inorganic Chemistry</i> , 1988, 27, 1265-1269.	4.0	18
48	Growth Effects of Some Platinum(II) Complexes with Sulfur-Containing Carrier Ligands on MCF7 Human Breast Cancer Cell Line upon Simultaneous Administration with Taxol. <i>Metal-Based Drugs</i> , 2002, 9, 33-43.	3.8	18
49	Thermodynamic and Kinetic Studies on Reactions of Pt(II) Complexes with Pyrazole, Pyridazine, and 1,2,4-Triazole. <i>Monatshefte für Chemie</i> , 2007, 138, 1-11.	1.8	18
50	Monocationic gold(III) Gly-I-His and I-Ala-I-His dipeptide complexes: crystal structures arising from solvent free and solvent-containing crystal formation and structural modifications tuned by counter-anions. <i>Dalton Transactions</i> , 2010, 39, 8906.	3.3	18
51	In vitro cytotoxic activities, DNA- and BSA-binding studies of dinuclear palladium(II) complexes with different pyridine-based bridging ligands. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111158.	3.5	18
52	Circular dichroism of chromium(III) hexadentate edta-type complexes. Part II. Ethylenediaminetetra-3-propionatochromate(III) ion. <i>Inorganica Chimica Acta</i> , 1988, 146, 199-204.	2.4	17
53	Hydrolysis of the amide bond in methionine-containing peptides catalyzed by various palladium(II) complexes: Dependence of the hydrolysis rate on the steric bulk of the catalyst. <i>Bioorganic Chemistry</i> , 2009, 37, 173-179.	4.1	17
54	Silver(I) complexes with 4,7-phenanthroline efficient in rescuing the zebrafish embryos of lethal <i>Candida albicans</i> infection. <i>Journal of Inorganic Biochemistry</i> , 2019, 195, 149-163.	3.5	17

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55	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. <i>Inorganica Chimica Acta</i> , 1993, 211, 149-154.	2.4	16
56	Crystal packing and hydrogen bonding in platinum(II) nucleotide complexes: X-ray crystal structure of [Pt(MeSCH <sub>2</sub> CH <sub>2</sub> SMe)(5'-GMP-N <sup>7</sup> ) <sub>2</sub> ] $\cdot$ 6H <sub>2</sub> O. <i>Journal of Inorganic Biochemistry</i> , 2002, 88, 268-273.	3.5	16
57	Gold(III) complexes with phenazine and quinoxaline: The role of molecular symmetry in intra- and intermolecular interactions. <i>Polyhedron</i> , 2015, 87, 208-214.	2.2	16
58	Synthesis, structural characterization and biological evaluation of dinuclear gold(III) complexes with aromatic nitrogen-containing ligands: antimicrobial activity in relation to the complex nuclearity. <i>MedChemComm</i> , 2016, 7, 1356-1366.	3.4	16
59	Synthesis, structural characterization and antimicrobial activity of silver(I) complexes with 1-benzyl-1H-tetrazoles. <i>Polyhedron</i> , 2018, 154, 325-333.	2.2	16
60	New polynuclear 1,5-naphthyridine-silver(I) complexes as potential antimicrobial agents: The key role of the nature of donor coordinated to the metal center. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110872.	3.5	16
61	Dinuclear silver(I) complexes with a pyridine-based macrocyclic type of ligand as antimicrobial agents against clinically relevant species: the influence of the counteranion on the structure diversification of the complexes. <i>Dalton Transactions</i> , 2020, 49, 10880-10894.	3.3	16
62	A spectroscopic and electrochemical investigation of the oxidation pathway of glycyl-d,l-methionine and its N-acetyl derivative induced by gold(III). <i>Gold Bulletin</i> , 2011, 44, 91-98.	2.4	14
63	Oxidation of methionine residue in Gly-Met dipeptide induced by [Au(en)Cl <sub>2</sub> ] <sup>+</sup> and influence of the chelated ligand on the rate of this redox process. <i>Gold Bulletin</i> , 2014, 47, 33-40.	2.4	14
64	NMR-spektroskopische Untersuchung von Palladium(II)-Komplexen mit einigen histidinhaltigen Peptiden: Einfluß der Koordinationsverhältnisse auf Hydrolysereaktionen. <i>Monatshefte für Chemie</i> , 1999, 130, 613.	1.8	14
65	Salting-out thin layer chromatography of transition metal complexes: A comparative study of the effect of increased number of CH <sub>2</sub> groups in chelate rings. <i>Chromatographia</i> , 1995, 40, 445-447.	1.3	13
66	Synthesis and spectral characterization of nickel(II) and copper(II) complexes with the hexadentate ( $\Delta$ )-1,3-pentanediamine-N,N'-tetraacetate ligand and its pentadentate derivative: Stereospecific formation and crystal structure of [Mg(H <sub>2</sub> O) <sub>6</sub> ][Ni(1,3-pndta)] $\cdot$ 4H <sub>2</sub> O. <i>Polyhedron</i> , 2012, 43, 185-193.	2.2	13
67	Silver(I) complexes with different pyridine-4,5-dicarboxylate ligands as efficient agents for the control of cow mastitis associated pathogens. <i>Dalton Transactions</i> , 2020, 49, 6084-6096.	3.3	13
68	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)] $\cdot$ H <sub>2</sub> O and (+)589-trans-(O5O6)-Na[Rh(1,3-pddadp)] $\cdot$ 3H <sub>2</sub> O and CD spectra correlation. Octahedral distortion of [Rh(edta-type)] <sup>n+</sup> complexes in relation to the structure of the ligand and geometry of the complex. <i>Inorganica Chimica Acta</i> , 2002, 328, 218-228.	2.4	12
69	Synthesis, spectroscopic and X-ray characterization of various pyrazine-bridged platinum(II) complexes: <sup>1</sup> H NMR comparative study of their catalytic abilities in the hydrolysis of methionine- and histidine-containing dipeptides. <i>Polyhedron</i> , 2016, 117, 367-376.	2.2	12
70	Antimicrobial Activity and DNA/BSA Binding Affinity of Polynuclear Silver(I) Complexes with 1,2-Bis(4-pyridyl)ethane/ethene as Bridging Ligands. <i>Bioinorganic Chemistry and Applications</i> , 2020, 2020, 1-12.	4.1	12
71	Structural Characterization, Antimicrobial Activity and BSA/DNA Binding Affinity of New Silver(I) Complexes with Thianthrene and 1,8-Naphthyridine. <i>Molecules</i> , 2021, 26, 1871.	3.8	12
72	Title is missing!. <i>Australian Journal of Chemistry</i> , 2001, 54, 237.	0.9	11

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73	Structural diversification of the coordination mode of divalent metals with 1,3-propanediaminetetraacetate (1,3-pdta): The missing crystal structure of the s-block metal complex [Sr2(1,3-pdta)(H2O)6]·H2O. <i>Polyhedron</i> , 2011, 30, 983-989.	2.2	11
74	Circular dichroism of chromium(III) hexadentate edta-type complexes Part III. Ethylenediamine-N,N,N',N'-tri-3-propionatochromate(III) ion. <i>Inorganica Chimica Acta</i> , 1991, 186, 13-19.	2.4	10
75	Selectivity of the complexation reactions of four regioisomeric methylcamphorquinoxaline ligands with gold(III): X-ray, NMR and DFT investigations. <i>Polyhedron</i> , 2016, 105, 137-149.	2.2	10
76	Hydrolysis of the amide bond in histidine- and methionine-containing dipeptides promoted by pyrazine and pyridazine palladium(II)-aqua dimers: Comparative study with platinum(II) analogues. <i>Bioorganic Chemistry</i> , 2017, 72, 190-198.	4.1	10
77	Silver(I) complexes with 1,10-phenanthroline-based ligands: The influence of epoxide function on the complex structure and biological activity. <i>Inorganica Chimica Acta</i> , 2020, 502, 119357.	2.4	10
78	Tailoring copper(ii) complexes with pyridine-4,5-dicarboxylate esters for anti-Candida activity. <i>Dalton Transactions</i> , 2021, 50, 2627-2638.	3.3	10
79	Clinically used antifungal azoles as ligands for gold(III) complexes: the influence of the Au(III) ion on the antimicrobial activity of the complex. <i>Dalton Transactions</i> , 2022, 51, 5322-5334.	3.3	10
80	<sup>1</sup> H NMR INVESTIGATION OF COMPETITIVE BINDING OF SULFUR-CONTAINING PEPTIDES AND GUANOSINE 5'-MONOPHOSPHATE TO A MONOFUNCTIONAL PLATINUM(II) COMPLEX. <i>Journal of Coordination Chemistry</i> , 1998, 44, 289-297.	2.2	9
81	A comparative study of complex formation in the reactions of gold(III) with Gly-Gly, Gly-l-Ala and Gly-l-His dipeptides. <i>Bioorganic Chemistry</i> , 2010, 38, 144-148.	4.1	9
82	Zinc(II) complexes with aromatic nitrogen-containing heterocycles as antifungal agents: Synergistic activity with clinically used drug nystatin. <i>Journal of Inorganic Biochemistry</i> , 2020, 208, 111089.	3.5	9
83	Improvement of the anti-Candida activity of itraconazole in the zebrafish infection model by its coordination to silver(I). <i>Journal of Molecular Structure</i> , 2021, 1232, 130006.	3.6	9
84	CIRCULAR DICHROISM OF 1,3-PROPANEDIAMINETETRAACETATORHODATE(III) ION. <i>Journal of Coordination Chemistry</i> , 1982, 11, 247-250.	2.2	8
85	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 155-158.	1.4	8
86	Cobalt(II) complexes with aminopolycarboxylate 1,3-pdta-type ligands: synthesis and characterization of trans(O6)-[Mg(H2O)6][Co(1,3-pddadp)]·H2O. <i>Transition Metal Chemistry</i> , 2004, 29, 874-879.	1.4	8
87	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 the X-ray structure of their chiral crystals. <i>Polyhedron</i> , 2007, 26, 4799-4808.	2.2	8
88	Structural characterization and biological evaluation of polynuclear Mn(II) and Cd(II) complexes with 2,2-dimethyl-1,3-propanediamine-N,N,N',N'-tetraacetate. The influence of ligand structure and counter cation on the complex nuclearity. <i>Polyhedron</i> , 2020, 188, 114688.	2.2	8
89	[AU(DIEN)Cl]Cl2: Exchange Phenomena Observed by H1 and C13 NMR Spectroscopy. <i>Metal-Based Drugs</i> , 1999, 6, 261-269.	3.8	7
90	NMR Study of the Interaction of Palladium(II) Complexes with Some Histidine-Containing Peptides: Effects of the Mode of Coordination on Hydrolytic Reactions. <i>Monatshefte für Chemie</i> , 1999, 130, 613-622.	1.8	7

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91	Crystal structure of cis-polar,trans(Cl,O5)-Na <sub>2</sub> [Rh(1,3-pddadp)Cl]·7H <sub>2</sub> O and structural correlations between octahedral pentadentate metal(III) complexes with diaminopolycarboxylato-type ligands. <i>Polyhedron</i> , 2003, 22, 3265-3276.	2.2	7
92	Reaction of [Pt(Gly-Gly-N,Nâ€²,O)] <sup>+</sup> with the N-acetylated dipeptide l-methionyl-l-histidine: Selective platination of the histidine side chain by intramolecular migration of the platinum(II) complex. <i>Bioorganic Chemistry</i> , 2008, 36, 161-164.	4.1	7
93	Crystallographic evidence of Gly-D,L-Met oxidation to its sulfoxide in the presence of gold(III): solid solution of the racemic mixture of two diastereoisomers. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010, 66, m51-m54.	0.4	7
94	Solution study under physiological conditions and cytotoxic activity of the gold(III) complexes with L-histidine-containing peptides. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 1911-1924.	0.8	7
95	Amino Acids and Peptides as Versatile Ligands in the Synthesis of Antiproliferative Gold Complexes. <i>Chemistry</i> , 2020, 2, 203-218.	2.2	7
96	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)]·8H <sub>2</sub> O complex stabilized by infinite water tapes. <i>Polyhedron</i> , 2007, 26, 3437-3447.	2.2	6
97	Carboxylato-bridged polymeric complexes of chromium(III) with the hexadentate (Δ±)-1,3-pentanediamine-N,N,Nâ€²,tetraacetate ligand carrying different counter ions. Stereospecific formation and crystal structures of Na[Cr(1,3-pndta)]·H <sub>2</sub> O, K[Cr(1,3-pndta)]·H <sub>2</sub> O and Ca[Cr(1,3-pndta)] <sub>2</sub> ·4H <sub>2</sub> O. <i>Polyhedron</i> , 2014, 67, 270-278.	2.2	6
98	Hydrolysis of Methionine- and Histidine-Containing Peptides Promoted by Dinuclear Platinum(II) Complexes with Benzodiazines as Bridging Ligands: Influence of Ligand Structure on the Catalytic Ability of Platinum(II) Complexes. <i>Bioinorganic Chemistry and Applications</i> , 2018, 2018, 1-12.	4.1	6
99	Different coordination abilities of 1,7- and 4,7-phenanthroline in the reactions with copper(II) salts: Structural characterization and biological evaluation of the reaction products. <i>Polyhedron</i> , 2019, 173, 114112.	2.2	6
100	Reactions of Dinuclear Platinum(II) Complexes with Peptides. <i>Current Protein and Peptide Science</i> , 2016, 17, 95-105.	1.4	6
101	Mononuclear gold(III) complexes with diazanaphthalenes: the influence of the position of nitrogen atoms in the aromatic rings on the complex crystalline properties. <i>RSC Advances</i> , 2020, 10, 44481-44493.	3.6	5
102	Zinc(II) Complexes with Dimethyl 2,2'-Bipyridine-4,5-dicarboxylate: Structure, Antimicrobial Activity and DNA/BSA Binding Study. <i>Inorganics</i> , 2022, 10, 71.	2.7	5
103	Coordination behaviour and two-dimensional-network formation in poly[[1/4-aqua-diaqua(1/4-5-propane-1,3-diylidinitrilotetraacetato)dilithium(I)cobalt(II)] dihydrate]: the first example of an MIIâ€²1,3-pdta complex with a monovalent metal counter-ion. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, m217-m220.	0.4	4
104	Different reaction products as a function of solvent: NMR spectroscopic and crystallographic characterization of the products of the reaction of gold(III) with 2-(aminomethyl)pyridine. <i>Polyhedron</i> , 2015, 91, 35-41.	2.2	4
105	Structural characterization and antimicrobial evaluation of chromium(III) and cobalt(III) complexes with 2,2-diMe-1,3-pdta: Tuning dimensionality of coordination polymer and the water content by alkyl substitution. <i>Polyhedron</i> , 2022, 222, 115864.	2.2	4
106	The reactions of [Au(dien)Cl] <sup>2+</sup> with L-histidine-containing dipeptides. Dependence of complex formation on the dipeptide structure. <i>Journal of Coordination Chemistry</i> , 2013, 66, 424-434.	2.2	3
107	Modulation of the structure of octahedral 1,3-pdta-nickel(II) complex by introducing methyl substituents at the central 1,3-propanediamine carbon atom: Stereospecific formation and the crystal structure of [Mg(H <sub>2</sub> O) <sub>5</sub> Ni(2,2-diMe-1,3-pdta)]·1.5H <sub>2</sub> O. <i>Polyhedron</i> , 2020, 191, 114812.	2.2	3
108	Synthesis and structural analysis of polynuclear silver(I) complexes with 4,7-phenanthroline. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 689-699.	0.8	3

#	ARTICLE	IF	CITATIONS
109	Binding of [Au(dien)Cl]Cl <sub>2</sub> to Tripeptides. <i>Metal-Based Drugs</i> , 1994, 1, 509-509.	3.8	2
110	<sup>1</sup> H NMR study of the reactions between carboplatin analogues [Pt(en)(Me-mal-O, O <sup>2-</sup> )] and [Pt(en)(Me <sup>2</sup> -mal-O, O <sup>2-</sup> )] and various methionine- and histidine-containing peptides under physiologically relevant conditions. <i>Inorganica Chimica Acta</i> , 2013, 395, 245-251.	2.4	2
111	Hydrolysis of the Amide Bond in L-Methionine- and L-Histidine-Containing Dipeptides in the Presence of Dinuclear Palladium(II) Complexes with Benzodiazines Bridging Ligands. <i>Journal of Solution Chemistry</i> , 2020, 49, 1082-1093.	1.2	2
112	Copper(II) complexes of aminopolycarboxylate ligands with N <sub>2</sub> O <sub>2</sub> , N <sub>2</sub> O <sub>3</sub> and N <sub>2</sub> O <sub>4</sub> donor sets. The relationship between the ligand structure and molecular geometry of the complex. <i>Journal of Molecular Structure</i> , 2021, 1232, 130001.	3.6	2
113	Separation Mechanisms of Co(III) Complexes with EDTA-Type Ligands during Salting-Out TLC on Impregnated and Non-Impregnated Silica Gel. <i>Journal of Chromatographic Science</i> , 2012, 50, 792-8.	1.4	1
114	Poly[[tetraaquabis(¼-hydroxyacetato-1 <sup>4</sup> O1, O2:O1, O1 <sup>2-</sup> )-¼ <sup>2</sup> -sulfato-1 <sup>2</sup> O:O <sup>2-</sup> -dicadmium(II)] monohydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m648-m649.	0.2	1
115	In vitro antimicrobial activity and cytotoxicity of nickel(II) complexes with different diamine ligands. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 389-398.	0.8	1
116	Dinuclear platinum(II) complexes as the pattern for phosphate backbone binding: a new perspective for recognition of binding modes to DNA. <i>Journal of Biological Inorganic Chemistry</i> , 2022, 27, 65-79.	2.6	1
117	Reactions of gold(III) complexes with <sc> </sc>-histidine-containing dipeptides: influence of chelated ligand and N-terminal amino acid on the rate of peptide coordination. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2182-2194.	2.2	0