

Ademir Neves

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

178
papers

5,458
citations

41
h-index

65
g-index

189
ext. papers

5,815
ext. citations

3.9
avg, IF

5.04
L-index

#	Paper	IF	Citations
178	Copper(II) complexes derived from furfurylamine and thiophenyl ligands: cytotoxicity, antioxidant properties, and molecular docking assessments. <i>Polyhedron</i> , 2022 , 212, 115608	2.7	
177	Trinuclear CuII complex containing a new pentadentate ligand: Structure, magnetism, physicochemical properties and catecholase activity. <i>Inorganica Chimica Acta</i> , 2022 , 533, 120804	2.7	1
176	A heterotrinnuclear bioinspired coordination complex capable of binding to DNA and emulation of nuclease activity. <i>Journal of Inorganic Biochemistry</i> , 2022 , 226, 111631	4.2	
175	Effect of Chelate Ring Size of Binuclear Copper(II) Complexes on Catecholase Activity and DNA Cleavage. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1710-1721	2.3	2
174	New AlZn and AlCu dinuclear complexes: Phosphatase-like activity and cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2021 , 219, 111392	4.2	0
173	Chitosan functionalized with heptadentate dinucleating ligand applied to removal of nickel, copper and zinc. <i>Carbohydrate Polymers</i> , 2021 , 256, 117589	10.3	4
172	Copper (II) complexes derived from pyridoxal: Structural correlations, cytotoxic activities, and molecular docking. <i>Inorganica Chimica Acta</i> , 2021 , 526, 120530	2.7	3
171	Synthesis, characterization and photoinduced CO-release by manganese(I) complexes. <i>New Journal of Chemistry</i> , 2020 , 44, 10892-10901	3.6	2
170	Three new dinuclear nickel(II) complexes with amine pendant-armed ligands: Characterization, DFT study, antibacterial and hydrolase-like activity. <i>Inorganica Chimica Acta</i> , 2020 , 507, 119559	2.7	3
169	A new heteropentannuclear complex containing the [Fe2III Zn3II(OH)3] structural motif as a model for purple acid phosphatases. <i>Inorganica Chimica Acta</i> , 2020 , 502, 119280	2.7	3
168	SOD activity of new copper II complexes with ligands derived from pyridoxal and toxicity in <i>Caenorhabditis elegans</i> . <i>Journal of Inorganic Biochemistry</i> , 2020 , 204, 110950	4.2	10
167	Dinuclear copper(II) complexes with derivative triazine ligands as biomimetic models for catechol oxidases and nucleases. <i>Journal of Inorganic Biochemistry</i> , 2020 , 213, 111249	4.2	3
166	Cu(II) complexes with tridentate sulfur and selenium ligands: catecholase and hydrolysis activity. <i>New Journal of Chemistry</i> , 2020 , 44, 15698-15707	3.6	2
165	Targeting an Artificial Metal Nuclease to DNA by a Simple Chemical Modification and Its Drastic Effect on Catalysis. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 286-291	4.3	5
164	Unusual hydrolase-like activity of a mononuclear Fe(III) complex. <i>Inorganic Chemistry Communication</i> , 2019 , 102, 245-250	3.1	2
163	Peroxidase activity of new mixed-valence cobalt complexes with ligands derived from pyridoxal. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4903	3.1	2
162	Synthesis, characterization and biological evaluation of new manganese metal carbonyl compounds that contain sulfur and selenium ligands as a promising new class of CORMs. <i>Dalton Transactions</i> , 2019 , 48, 5574-5584	4.3	11

161	Guanidine- and purine-functionalized ligands of FeZn complexes: effects on the hydrolysis of DNA. <i>Journal of Biological Inorganic Chemistry</i> , 2019 , 24, 675-691	3.7	8
160	Light Response of Three Water-Soluble MnI PhotoCORMs: Spectroscopic Features and CO Release Investigation. <i>Journal of the Brazilian Chemical Society</i> , 2019 ,	1.5	2
159	Synthesis, spectroscopic/electrochemical characterization and DNA interaction study of novel ferrocenyl-substituted porphyrins. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4318	3.1	13
158	Pyridoxal derivatized copper(II) complexes: Evaluation of antioxidant, catecholase, and DNA cleavage activity. <i>Inorganica Chimica Acta</i> , 2018 , 469, 561-575	2.7	12
157	Second-Sphere Effects in Dinuclear FeZn Hydrolase Biomimetics: Tuning Binding and Reactivity Properties. <i>Inorganic Chemistry</i> , 2018 , 57, 187-203	5.1	20
156	Photoactive meso-tetra(4-pyridyl)porphyrin-tetrakis-[chloro(2,2'-bipyridine)platinum(ii) derivatives recognize and cleave DNA upon irradiation. <i>Dalton Transactions</i> , 2017 , 46, 1660-1669	4.3	22
155	Synthesis and characterization of Fe(EDH)Zn complexes: effects of a second coordination sphere and increase in the chelate ring size on the hydrolysis of a phosphate diester and DNA. <i>Dalton Transactions</i> , 2017 , 46, 11380-11394	4.3	18
154	Synthesis, photophysical properties and spectroelectrochemical characterization of 10-(4-methyl-bipyridyl)-5,15-(pentafluorophenyl)corrole. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 332, 306-315	4.7	21
153	meso-Mono-[4-(1,4,7-triazacyclononyl)]-tri(phenyl)porphyrin and the respective zinc(ii)-complex: complete characterization and biomolecules binding abilities. <i>Photochemical and Photobiological Sciences</i> , 2016 , 15, 564-79	4.2	12
152	Synthesis, physicochemical properties and in vitro catalytic activity of a dinuclear nickel(II) complex with a N5O-hexadentate ligand: A functional model for phosphohydrolases. <i>Polyhedron</i> , 2016 , 109, 59-66	2.7	3
151	Dopamine polymerization promoted by a catecholase biomimetic Cu(EDH)Cu complex containing a triazine-based ligand. <i>Dalton Transactions</i> , 2016 , 45, 15294-15297	4.3	12
150	New dioxidouranium (VI) and mixed-valence oxidovanadium (IV/V) coordination compounds with N,O-pentadentate ligands obtained from pyridoxal and triethylenetetramine. <i>Inorganica Chimica Acta</i> , 2015 , 428, 163-169	2.7	12
149	Synthesis, structure, magnetism, and hydrolase and catecholase activity of a new trinuclear copper(II) complex. <i>Inorganica Chimica Acta</i> , 2015 , 435, 153-158	2.7	18
148	Synthesis, characterization, hydrolase and catecholase activity of a dinuclear iron(III) complex: Catalytic promiscuity. <i>Journal of Inorganic Biochemistry</i> , 2015 , 146, 77-88	4.2	38
147	The effect of chain size on the modeling of second sphere effects in biomimetic complexes. <i>Journal of Molecular Catalysis A</i> , 2015 , 397, 76-84		13
146	Correlation between DNA interactions and cytotoxic activity of four new ternary compounds of copper(II) with N-donor heterocyclic ligands. <i>Journal of Inorganic Biochemistry</i> , 2014 , 132, 67-76	4.2	51
145	Study of the antimicrobial activity of metal complexes and their ligands through bioassays applied to plant extracts. <i>Revista Brasileira De Farmacognosia</i> , 2014 , 24, 309-315	2	48
144	New La(III) complex immobilized on 3-aminopropyl-functionalized silica as an efficient and reusable catalyst for hydrolysis of phosphate ester bonds. <i>Inorganic Chemistry</i> , 2014 , 53, 2943-52	5.1	22

143	A bio-inspired sensor based on surfactant film and Pd nanoparticles. <i>Analyst, The</i> , 2013 , 138, 509-17	5	11
142	PEI-coated gold nanoparticles decorated with laccase: a new platform for direct electrochemistry of enzymes and biosensing applications. <i>Biosensors and Bioelectronics</i> , 2013 , 42, 242-7	11.8	76
141	New mononuclear copper(II) complex based on a salen derivative ligand with an unusual coordination and its catecholase activity. <i>Inorganic Chemistry Communication</i> , 2013 , 37, 34-38	3.1	18
140	Second-coordination-sphere effects increase the catalytic efficiency of an extended model for Fe(III)M(II) purple acid phosphatases. <i>Inorganic Chemistry</i> , 2013 , 52, 3594-6	5.1	25
139	Searching for Vanadium-Based Prospective Agents against <i>Trypanosoma cruzi</i> : Oxidovanadium(IV) Compounds with Phenanthroline Derivatives as Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 1417-1425	1.3	20
138	In vitro and in vivo activity of a new unsymmetrical dinuclear copper complex containing a derivative ligand of 1,4,7-triazacyclononane: catalytic promiscuity of [Cu ₂ (L)Cl ₃]. <i>Dalton Transactions</i> , 2013 , 42, 7059-73	4.3	16
137	Spectroscopic and catalytic characterization of a functional Fe(III)Fe(II) biomimetic for the active site of uteroferrin and protein cleavage. <i>Inorganic Chemistry</i> , 2012 , 51, 2065-78	5.1	31
136	Broken symmetry density functional study of biomimetic models for Purple Acid Phosphatases of the type Fe(III)M(II) (M=Fe, Cu, Ni, Co and Mn). <i>Computational and Theoretical Chemistry</i> , 2012 , 979, 89-95	2	7
135	A synthetic pathway for an unsymmetrical N(5)O(2) heptadentate ligand and its heterodinuclear iron(III)zinc(II) complex: a biomimetic model for the purple acid phosphatases. <i>Chemistry and Biodiversity</i> , 2012 , 9, 1794-805	2.5	10
134	Design of a dinuclear nickel(II) bioinspired hydrolase to bind covalently to silica surfaces: synthesis, magnetism, and reactivity studies. <i>Inorganic Chemistry</i> , 2012 , 51, 6104-15	5.1	18
133	Synthesis, magnetostructural correlation, and catalytic promiscuity of unsymmetric dinuclear copper(II) complexes: models for catechol oxidases and hydrolases. <i>Inorganic Chemistry</i> , 2012 , 51, 1569-89	5.1	88
132	Doubly phenoxo-hydroxo-bridged dicopper(II) complexes: individual contributions of the bridges to antiferromagnetic coupling based on two related biomimetic models for catechol oxidases. <i>Dalton Transactions</i> , 2012 , 41, 7196-200	4.3	21
131	Two new ternary complexes of copper(II) with tetracycline or doxycycline and 1,10-phenanthroline and their potential as antitumoral: cytotoxicity and DNA cleavage. <i>Inorganic Chemistry</i> , 2011 , 50, 6414-24	5.1	134
130	Photoinduced DNA cleavage promoted by two copper(II) complexes of tetracyclines and 1,10-phenanthroline. <i>Inorganic Chemistry</i> , 2011 , 50, 10519-21	5.1	42
129	Bioinspired Fe(III)Cd(II) and Fe(III)Hg(II) complexes: synthesis, characterization and promiscuous catalytic activity evaluation. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 1740-52	4.2	12
128	Journal of Inorganic Biochemistry. Special section: special issue: containing contributions from the Second Latin American Meeting on Biological Inorganic Chemistry-LABIC 2010. Preface. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 1683	4.2	
127	A new nitrosyl ruthenium complex: synthesis, chemical characterization, in vitro and in vivo antitumor activities and probable mechanism of action. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 3616-22	6.8	35
126	Uso de equações lineares na determinação dos parâmetros de Michaelis-Menten. <i>Química Nova</i> , 2010 , 33, 1607-1611	1.6	6

125	Catalytic promiscuity: catecholase-like activity and hydrolytic DNA cleavage promoted by a mixed-valence Fe(III) Fe(II) complex. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 1201-1212	1.5	15
124	Sensor for fisetin based on gold nanoparticles in ionic liquid and binuclear nickel complex immobilized in silica. <i>Analyst, The</i> , 2010 , 135, 1015-22	5	18
123	Oxygen-independent photonuclease activity of a new iron(II) complex. <i>Chemical Communications</i> , 2010 , 46, 3375-7	5.8	21
122	Efficient phosphodiester hydrolysis by luminescent terbium(III) and europium(III) complexes. <i>Inorganic Chemistry</i> , 2010 , 49, 6013-25	5.1	30
121	Heterodinuclear Fe(III)Zn(II)-bioinspired complex supported on 3-aminopropyl silica. Efficient hydrolysis of phosphate diester bonds. <i>Inorganic Chemistry</i> , 2010 , 49, 2580-2	5.1	45
120	Synthesis, structure, and phosphatase-like activity of a new trinuclear Gd complex with the unsymmetrical ligand H3L as a model for nucleases. <i>Inorganic Chemistry</i> , 2010 , 49, 3057-63	5.1	16
119	Electronic structure and spectro-structural correlations of Fe(III)Zn(II) biomimetics for purple acid phosphatases: relevance to DNA cleavage and cytotoxic activity. <i>Inorganic Chemistry</i> , 2010 , 49, 11421-38	5.1	69
118	DNA photonuclease activity of four new copper(II) complexes under UV and red light: theoretical/experimental correlations with active species generation. <i>Dalton Transactions</i> , 2010 , 39, 2027-35	4.3	26
117	Development of a biomimetic chitosan film-coated gold electrode for determination of dopamine in the presence of ascorbic acid and uric acid. <i>Electrochimica Acta</i> , 2010 , 55, 7152-7157	6.7	40
116	Catecholase and DNase activities of copper(II) complexes containing phenolate-type ligands. <i>Journal of Physical Organic Chemistry</i> , 2010 , 23, 1000-1013	2.1	16
115	Broken symmetry density functional study of a mixed-valence unsymmetrical dinuclear iron complex. <i>International Journal of Quantum Chemistry</i> , 2010 , 110, 1048-1055	2.1	4
114	Di-Echlorido-bis-[chlorido(1,4,6-trimethyl-6-nitro-1,4-diazepine)copper(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, m144-5		
113	Phosphate Ester Hydrolysis: Metal Complexes As Purple Acid Phosphatase and Phosphotriesterase Analogues. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2745-2758	2.3	93
112	A promiscuous dicopper(II) system promoting the hydrolysis of bis(2,4-dinitrophenyl)phosphate: Gaining mechanistic insight by means of structural and spectroscopic DFT studies. <i>International Journal of Quantum Chemistry</i> , 2009 , 110, NA-NA	2.1	4
111	bis-(1H-Benzimidazol-2-yl)-methanone: New preparation method, crystal structure, vibrational spectroscopy and DFT calculations. <i>Journal of Molecular Structure</i> , 2009 , 938, 1-9	3.4	20
110	A synthetic dinuclear copper(II) hydrolase and its potential as antitumoral: cytotoxicity, cellular uptake, and DNA cleavage. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 1323-30	4.2	46
109	Mononuclear Cu(II)-phenolate bioinspired complex is catalytically promiscuous: phosphodiester and peptide amide bond cleavage. <i>Inorganic Chemistry</i> , 2009 , 48, 2711-3	5.1	26
108	Biomimetic sensor based on Mn(III)Mn(II) complex as manganese peroxidase mimetic for determination of rutin. <i>Talanta</i> , 2009 , 78, 221-6	6.2	24

107	Self-assembled monolayer of nickel(II) complex and thiol on gold electrode for the determination of catechin. <i>Talanta</i> , 2009 , 78, 1063-8	6.2	29
106	Unsymmetrical Fe(III)Co(II) and Ga(III)Co(II) complexes as chemical hydrolases: biomimetic models for purple acid phosphatases (PAPs). <i>Inorganic Chemistry</i> , 2009 , 48, 7905-21	5.1	50
105	Determination of chlorogenic acid in coffee using a biomimetic sensor based on a new tetranuclear copper(II) complex. <i>Talanta</i> , 2008 , 77, 394-9	6.2	29
104	Theoretical investigation of the reaction mechanism for the phosphate diester hydrolysis using an asymmetric dinuclear metal complex as a biomimetic model of the purple acid phosphatase enzyme. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 7039-46	3.6	29
103	New gadolinium complex with efficient hydrolase-like activity: a 100-million-fold rate enhancement in diester hydrolysis. <i>Inorganic Chemistry</i> , 2008 , 47, 2919-21	5.1	13
102	Synthesis, structure, and physicochemical properties of dinuclear Ni(II) complexes as highly efficient functional models of phosphohydrolases. <i>Inorganic Chemistry</i> , 2008 , 47, 1107-19	5.1	46
101	Determination of catechin in green tea using a catechol oxidase biomimetic sensor. <i>Journal of the Brazilian Chemical Society</i> , 2008 , 19, 1215-1223	1.5	20
100	Synthesis, structure and physicochemical properties of zinc and copper complexes based on sulfonamides containing 8-aminoquinoline ligands. <i>Quimica Nova</i> , 2008 , 31, 1161-1164	1.6	7
99	Probing the role of the divalent metal ion in uteroferrin using metal ion replacement and a comparison to isostructural biomimetics. <i>Journal of Biological Inorganic Chemistry</i> , 2008 , 13, 139-55	3.7	49
98	Rosmarinic acid determination using biomimetic sensor based on purple acid phosphatase mimetic. <i>Analytica Chimica Acta</i> , 2008 , 613, 91-7	6.6	22
97	Chitosan crosslinked with a metal complexing agent: Synthesis, characterization and copper(II) ions adsorption. <i>Reactive and Functional Polymers</i> , 2008 , 68, 572-579	4.6	77
96	Development of a new biomimetic sensor based on an Fe(III)Fe(II) complex for the determination of phenolic compounds. <i>Sensors and Actuators B: Chemical</i> , 2008 , 129, 424-430	8.5	20
95	Synthesis, crystal structure and luminescent properties of new tris-β-diketonate Eu(III) complex with thiadiazolophenanthroline derivative ligand. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 1292-1296	3.1	37
94	Synthesis of substituted dipyrido[3,2-a:2',3'-c]phenazines and a new heterocyclic dipyrido[3,2-f:2',3'-h]quinoxalino[2,3-b]quinoxaline. <i>Tetrahedron</i> , 2008 , 64, 5410-5415	2.4	38
93	trans-Diaqua-bis{1,3-bis-[5-(2-pyrid-yl)-2H-tetra-zol-2-yl]propane}zinc(II) bis-(perchlorate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, m541-2		2
92	Catalytic promiscuity in biomimetic systems: catecholase-like activity, phosphatase-like activity, and hydrolytic DNA cleavage promoted by a new dicopper(II) hydroxo-bridged complex. <i>Inorganic Chemistry</i> , 2007 , 46, 348-50	5.1	161
91	Synthesis, X-ray structure and antimycobacterial activity of silver complexes with alpha-hydroxycarboxylic acids. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 291-6	4.2	46
90	Biomimetic sensor based on a novel copper complex for the determination of hydroquinone in cosmetics. <i>Sensors and Actuators B: Chemical</i> , 2007 , 122, 89-94	8.5	49

89	2-[[Bis(2-pyridylmethyl)amino]methyl]-6-[(2-hydroxyanilino)methyl]-4-methylphenol: a novel binucleating asymmetric ligand as a precursor to synthetic models for metalloenzymes. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007 , 63, o84-6		1
88	The reaction mechanism of the Ga(III)Zn(II) derivative of uteroferrin and corresponding biomimetics. <i>Journal of Biological Inorganic Chemistry</i> , 2007 , 12, 1207-20	3.7	52
87	An unprecedented Fe(III)(μ -OH)Zn(II) complex that mimics the structural and functional properties of purple acid phosphatases. <i>Journal of the American Chemical Society</i> , 2007 , 129, 7486-7	16.4	110
86	New unsymmetric dinuclear Cu(II)Cu(II) complexes and their relevance to copper(II) containing metalloenzymes and DNA cleavage. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 992-1004	4.2	46
85	The catalytic mechanisms of binuclear metallohydrolases. <i>Chemical Reviews</i> , 2006 , 106, 3338-63	68.1	357
84	Electronic effects of electron-donating and -withdrawing groups in model complexes for iron-tyrosine-containing metalloenzymes. <i>Inorganic Chemistry</i> , 2006 , 45, 1005-11	5.1	37
83	Synthesis, molecular structure and spectroscopic, electrochemical and magnetic properties of a new dinuclear iron complex containing μ -sulfate-di- μ -alkoxo bridges: evaluating the influence of the sulfate bridge on the physicochemical properties of the di- μ -alkoxo-diiron unit. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17, 1584-1593	1.5	10
82	Resonance Raman spectroscopy of FeII FeIII and FeIII FeIII model complexes containing an unsymmetrical dinucleating ligand: a biomimetic redox pair for uteroferrin. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17, 1658-1663	1.5	4
81	New phenoxyl radical complexes of manganese, gallium, indium and iron based on an H2bbpen ligand derivative. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17, 1540-1550	1.5	15
80	Synthesis, structure and molecular modeling of a ZnII-Phenolate complex as a model for ZnII-Containing tyrosinate metalloenzymes. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17, 289-295	1.5	8
79	A mixed-valence diacetate-bridged Mn(II)-Mn(III) complex incorporating a bridging phenolate ligand. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006 , 62, m27-9		3
78	trans-Bis(6-amino-6-methylperhydro-1,4-diazepine)zinc(II) bis(perchlorate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m2965-m2966		2
77	EPR and semi-empirical studies as tools to assign the geometric structures of FeIII isomer models for transferrins. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17, 1617-1626	1.5	9
76	Hydrolytic protein cleavage mediated by unusual mononuclear copper(II) complexes: X-ray structures and solution studies. <i>Inorganic Chemistry</i> , 2005 , 44, 921-9	5.1	63
75	First-transition-metal complexes containing the ligands 6-amino-6-methylperhydro-1,4-diazepine (AAZ) and a new functionalized derivative: can AAZ act as a mimetic ligand for 1,4,7-triazacyclononane?. <i>Inorganic Chemistry</i> , 2005 , 44, 7690-2	5.1	23
74	Kinetics and equilibrium adsorption of Cu(II), Cd(II), and Ni(II) ions by chitosan functionalized with 2[-bis-(pyridylmethyl)aminomethyl]-4-methyl-6-formylphenol. <i>Journal of Colloid and Interface Science</i> , 2005 , 291, 369-74	9.3	141
73	Nucleic acid cleavage by a Cu(II) polyaza macrocyclic complex. <i>Polyhedron</i> , 2005 , 24, 495-499	2.7	36
72	Synthesis, crystal structure and properties of dinuclear iron(III) complexes containing terminally coordinated phenolate/H ₂ O/OH groups as models for purple acid phosphatases: efficient hydrolytic DNA cleavage. <i>Inorganica Chimica Acta</i> , 2005 , 358, 339-351	2.7	50

71	Synthesis, structure and properties of unsymmetrical β -alkoxy-dicopper(II) complexes: biological relevance to phosphodiester and DNA cleavage and cytotoxic activity. <i>Inorganica Chimica Acta</i> , 2005 , 358, 1807-1822	2.7	62
70	Synthesis, X-ray crystal structure and properties of a novel tetranuclear unsymmetrical (EO4) copper(II) complex: relevance to SO ₂ fixation. <i>Inorganica Chimica Acta</i> , 2005 , 358, 997-1004	2.7	11
69	Catalytic effect of a dinuclear complex in the hydrolysis of bis(2,4-dinitrophenyl) phosphate. <i>Inorganica Chimica Acta</i> , 2005 , 358, 2089-2092	2.7	22
68	Synthesis, characterization and structure of a new zinc(II) complex containing the hexadentate N,N',N',N'-bis[(2-hydroxy-3,5-di-tert-butylbenzyl)(2-pyridylmethyl)]-ethylenediamine ligand: Generation of phenoxyl radical species. <i>Inorganica Chimica Acta</i> , 2005 , 358, 3106-3114	2.7	26
67	New mononuclear Cu(I) and Zn(II) complexes capable of stabilizing phenoxyl radicals as models for the active form of galactose oxidase. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 249-253	3.1	21
66	A new unsymmetrical dinucleating ligand and its first Fe(III)Zn(II) complex: Structure and solid state properties of an unexpected tetranuclear complex containing the [Fe(III)(EOH)2Fe(III)] structural motif. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 323-327	3.1	21
65	A new heterobinuclear Fe(III)Cu(I) complex with a single terminal Fe(III)-O(phenolate) bond. Relevance to purple acid phosphatases and nucleases. <i>Journal of Biological Inorganic Chemistry</i> , 2005 , 10, 319-32	3.7	69
64	Synthesis and Characterization of Modified Chitosan Through Immobilization of Complexing Agents. <i>Macromolecular Symposia</i> , 2005 , 229, 203-207	0.8	23
63	Structural, spectroscopic and redox studies of a new ruthenium(III) complex with an imidazole-rich tripodal ligand. <i>Inorganica Chimica Acta</i> , 2004 , 357, 707-715	2.7	9
62	A structural model for oxidized type II copper nitrite reductase with a polyimidazole tripodal ligand. <i>Polyhedron</i> , 2004 , 23, 511-518	2.7	27
61	Chitosan functionalized with 2[-bis-(pyridylmethyl) aminomethyl]4-methyl-6-formyl-phenol: equilibrium and kinetics of copper (II) adsorption. <i>Polymer</i> , 2004 , 45, 6285-6290	3.9	63
60	Structural, electrochemical and spectroscopic characterization of a new [Cu ₂ L ₂ (ECl) ₂] ₂ [CuCl ₄] ₂ dimer complex. <i>Journal of Molecular Structure</i> , 2004 , 694, 193-198	3.4	3
59	Molecular modeling utilizing purple acid phosphatase biomimetic models. <i>Canadian Journal of Chemistry</i> , 2004 , 82, 1619-1624	0.9	4
58	Dioxygen dinuclear complex formation of Co(II) with the macrocyclic ligand 3,6,9,17,20,23-hexaazatricyclo[23.3.1.111,15]-triaconta-1(29),11(30),12,14,25,26,27-hexaene. <i>Inorganica Chimica Acta</i> , 2003 , 353, 82-88	2.7	2
57	Copper(II) complexes with {N,N',N',N'-bis[(2-hydroxybenzyl)(2-pyridylmethyl)]-1,3-propanediamine}â€¢2bbppn: their suitability as models for the inactive form of galactose oxidase. <i>Inorganica Chimica Acta</i> , 2003 , 356, 41-50	2.7	12
56	Highly efficient phosphate diester hydrolysis and DNA interaction by a new unsymmetrical Fe(III)Ni(II) model complex. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 1161-1165	3.1	60
55	Bis[N-(2-pyridylmethyl)glycinato]zinc(II) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m464-m466		7
54	Phosphate diester hydrolysis and DNA damage promoted by new cis-aqua/hydroxy copper(II) complexes containing tridentate imidazole-rich ligands. <i>Inorganic Chemistry</i> , 2003 , 42, 8353-65	5.1	97

53	Synthesis, structure and catalase-like activity of a new dinuclear mixed valence MnII/MnIII complex containing an unsymmetric N5O2 donor ligand. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 434-438	3.1	47
52	Synthesis, structure and properties of a new unsymmetric tetranuclear mixed-valence vanadium(IV/V) complex containing distinct V2O33+ cores. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 418-421	3.1	14
51	Resonance Raman and crystallographic studies on the complex [Fe2(bbpol)2]2DMF (bbpol=N,N'-bis(2-hydroxybenzyl)-2-ol-1,3-propanediamine). <i>Inorganica Chimica Acta</i> , 2002 , 329, 141-146	2.7	12
50	Hydrolytic activity of a dinuclear copper(II,II) complex in phosphate diester and DNA cleavage. <i>Inorganica Chimica Acta</i> , 2002 , 337, 366-370	2.7	69
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