

Adailton J Bortoluzzi

List of Publications by Year in descending order

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200
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#	ARTICLE	IF	CITATIONS
1	Enhancing the phosphorescence decay pathway of Cu(<i>scp</i>) emitters – the role of copper–iodide moiety. <i>Dalton Transactions</i> , 2022, 51, 1008-1018.	1.6	3
2	Trinuclear CuII complex containing a new pentadentate ligand: Structure, magnetism, physicochemical properties and catecholase activity. <i>Inorganica Chimica Acta</i> , 2022, 533, 120804.	1.2	6
3	Production of quercetin-nicotinamide cocrystals by gas antisolvent (GAS) process. <i>Journal of Supercritical Fluids</i> , 2022, 188, 105670.	1.6	7
4	Production of curcumin-resveratrol cocrystal using cocrystallization with supercritical solvent. <i>Journal of Supercritical Fluids</i> , 2021, 171, 105190.	1.6	18
5	New AlIII ZnII and AlIII CuII dinuclear complexes: Phosphatase-like activity and cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2021, 219, 111392.	1.5	2
6	Chromogenic chemodosimeter based on a silylated azo compound detects cyanide in water and cassava. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 260, 119950.	2.0	4
7	Multivariate analysis applied to oxidation of cyclohexane and benzyl alcohol promoted by mononuclear iron and copper complexes. <i>New Journal of Chemistry</i> , 2020, 44, 2514-2526.	1.4	13
8	An unusual partial occupancy of labile chloride and aqua ligands in cocrystallized isomers of a nickel(II) complex bearing a tripodal <i>N</i> - ₄ -donor ligand. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 17-22.	0.2	0
9	A new heteropentanuclear complex containing the [Fe ^{III} Zn ³ II(¼-OH) ₃] structural motif as a model for purple acid phosphatases. <i>Inorganica Chimica Acta</i> , 2020, 502, 119280.	1.2	5
10	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.	1.5	8
11	Reducing lifetime in Cu(<i>scp</i>) complexes with thermally activated delayed fluorescence and phosphorescence promoted by chalcogenolate–diimine ligands. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14595-14604.	2.7	20
12	Synthesis, characterization and photoinduced CO-release by manganese(<i>scp</i>) complexes. <i>New Journal of Chemistry</i> , 2020, 44, 10892-10901.	1.4	9
13	Synthesis of isothiosemicarbazones of potential antitumoral activity through a multicomponent reaction involving allylic bromides, carbonyl compounds and thiosemicarbazide. <i>Tetrahedron</i> , 2020, 76, 131231.	1.0	3
14	Unusual hydrolase-like activity of a mononuclear Fe(III) complex. <i>Inorganic Chemistry Communication</i> , 2019, 102, 245-250.	1.8	4
15	Functionalization of gold nanoparticles with two aminoalcohol-based quinoxaline derivatives for targeting phosphoinositide 3-kinases (PI3K). <i>New Journal of Chemistry</i> , 2019, 43, 1803-1811.	1.4	9
16	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.	1.6	19
17	Precipitation of resveratrol-isoniazid and resveratrol-nicotinamide cocrystals by gas antisolvent. <i>Journal of Supercritical Fluids</i> , 2019, 145, 93-102.	1.6	45
18	Efficient terbium complex based on a novel pyrazolone derivative ligand used in solution-processed OLEDs. <i>Journal of Luminescence</i> , 2019, 208, 57-62.	1.5	29

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19	Crystal structure of 5-(4- <i>tert</i> -butoxyphenyl)-3-(4- <i>n</i> -octyloxyphenyl)-4,5-dihydroisoxazole. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 896-899.	0.2	1
20	Structural and morphological aspects of small 3,5-disubstituted isoxazoles. Journal of Fluorine Chemistry, 2018, 211, 24-36.	0.9	7
21	Reverse Solvatochromism of Imine Dyes Comprised of 5-Nitrofuranyl or 5-Nitrothiophenyl as Electron Acceptor and Phenolate as Electron Donor. Chemistry - A European Journal, 2018, 24, 9364-9376.	1.7	10
22	Synthesis and characterization of novel iminobenzoates with terminal pyrazine moieties. Chemistry Central Journal, 2018, 12, 25.	2.6	2
23	A new polyacetylene glucoside from Vernonia scorpioides and its potential antihyperglycemic effect. Chemico-Biological Interactions, 2018, 279, 95-101.	1.7	7
24	Multicomponent Synthesis of Structurally Diverse Imidazoles Featuring Azirines, Amines and Aldehydes. European Journal of Organic Chemistry, 2018, 2018, 4171-4177.	1.2	16
25	Photocurrent response enhanced by spin-orbit coupling on ruthenium(II) complexes with heavy atom ligands. Dyes and Pigments, 2017, 140, 346-353.	2.0	6
26	Amine-mediated synthesis of amides from 1,3-dicarbonyl compounds through a domino diazo transfer/aminolysis process. Tetrahedron, 2017, 73, 4549-4559.	1.0	7
27	Solvent- and Metal-Free Chalcogenation of Bicyclic Arenes Using I_2 /DMSO as Non-Metallic Catalytic System. European Journal of Organic Chemistry, 2017, 2017, 4740-4748.	1.2	61
28	Anionic optical devices based on 4-(nitrostyryl)phenols for the selective detection of fluoride in acetonitrile and cyanide in water. Sensors and Actuators B: Chemical, 2017, 240, 1036-1048.	4.0	28
29	Crystal structure of 5-O-benzoyl-2,3-O-isopropylidene-D-ribose-1,4-lactone. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 407-409.	0.2	0
30	Quantification of Synthetic Amino-Nitroquinoxaline Dyes: An Approach Using Image Analysis. Journal of the Brazilian Chemical Society, 2016, , .	0.6	2
31	Synthesis, characterization and antitumoral activity of new cobalt(II) complexes: Effect of the ligand isomerism on the biological activity of the complexes. Journal of Inorganic Biochemistry, 2016, 161, 73-82.	1.5	25
32	Dopamine polymerization promoted by a catecholase biomimetic $Cu^{II}(\frac{1}{4}-OH)Cu^{II}$ complex containing a triazine-based ligand. Dalton Transactions, 2016, 45, 15294-15297.	1.6	17
33	Regioselective synthesis of imines (2- <i>N</i> -amine-3- <i>N</i> -(phenylmethylene)-5-pyridine) in water under microwave irradiation. Cogent Chemistry, 2016, 2, 1207863.	2.5	7
34	Evaluating the influence of the diamine unit (ethylenediamine, piperazine and homopiperazine) on the molecular structure, physical chemical properties and superoxide dismutase activity of copper complexes. Inorganica Chimica Acta, 2016, 450, 353-363.	1.2	18
35	Structure-behavior study of a family of hybrid cyanine dyes which exhibit inverted solvatochromism. Physical Chemistry Chemical Physics, 2016, 18, 32256-32265.	1.3	13
36	Lanostane-type triterpenes from the fungal endophyte Scleroderma UFSMSc1 (Persoon) Fries. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1173-1176.	1.0	16

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37	Azido- and chlorido-cobalt complex as carrier-prototypes for antitumoral prodrugs. <i>Journal of Inorganic Biochemistry</i> , 2016, 157, 104-113.	1.5	24
38	Quinolines by Three-Component Reaction: Synthesis and Photophysical Studies. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	3
39	The effect of spin-orbit coupling on selenadiazolo- and thiadiazolo- fused 1,10-phenanthrolines. <i>Dyes and Pigments</i> , 2015, 117, 149-156.	2.0	10
40	Synthesis, structure, magnetism, and hydrolase and catecholase activity of a new trinuclear copper(II) complex. <i>Inorganica Chimica Acta</i> , 2015, 435, 153-158.	1.2	20
41	Synthesis and Solvatochromism of Substituted 4-(Nitrostyryl)phenolate Dyes. <i>Journal of Organic Chemistry</i> , 2015, 80, 7971-7983.	1.7	37
42	Synthesis, characterization, hydrolase and catecholase activity of a dinuclear iron(III) complex: Catalytic promiscuity. <i>Journal of Inorganic Biochemistry</i> , 2015, 146, 77-88.	1.5	40
43	Induction of apoptosis in leukemia cell lines by new copper(II) complexes containing naphthyl groups via interaction with death receptors. <i>Journal of Inorganic Biochemistry</i> , 2015, 153, 68-87.	1.5	25
44	Antiproliferative activity and conversion of tachyzoite to bradyzoite of <i>Toxoplasma gondii</i> promoted by new zinc complexes containing sulfadiazine. <i>RSC Advances</i> , 2015, 5, 100606-100617.	1.7	11
45	A novel strategy for chromogenic chemosensors highly selective toward cyanide based on its reaction with 4-(2,4-dinitrobenzylideneamino)benzenes or 2,4-dinitrostilbenes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1491-1499.	2.0	12
46	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.	4.8	16
47	Copper(II) Coordination Polymers Generated from 1,3-Bis(4-pyridyl)propane: Synthesis, Structures, and Spectroscopic Studies. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 2550-2555.	0.6	0
48	1-Carboxynaphthalen-2-yl acetate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o105-o105.	0.2	0
49	2-(5-Methyl-1,3,4-oxadiazol-2-yl)phenyl acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o559-o559.	0.2	2
50	Crystal structure of 3-[(2-[[bis(2-hydroxybenzyl)amino]ethyl](2-hydroxybenzyl)amino)methyl]-2-hydroxy-5-methylbenzaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, 562-565.	0.2	0
51	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, 2943-2952.	1.9	24
52	Experimental and NMR Theoretical Methodology Applied to Geometric Analysis of the Bioactive Clerodanetrans-Dehydrocrotonin. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	3
53	Investigating the Ritter Type Reaction of α -Methylene- β -Hydroxy Esters in Acidic Medium: Evidence for the Intermediacy of an Allylic Cation. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5180-5187.	1.2	5
54	Synthesis and characterization of some novel tetrazole liquid crystals. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5583.	2.7	23

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55	Effect of zinc compounds on <i>Fusarium verticillioides</i> growth, hyphae alterations, conidia, and fumonisin production. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 3395-3402.	1.7	29
56	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.	1.8	21
57	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, 3594-3596.	1.9	29
58	Synthesis, antileishmanial activity and structure-activity relationship of 1-N-X-phenyl-3-N ² -Y-phenyl-benzamidines. <i>European Journal of Medicinal Chemistry</i> , 2013, 67, 166-174.	2.6	5
59	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.	1.6	20
60	Antifungal properties of Zinc compounds against toxigenic fungi and mycotoxin. <i>International Journal of Food Science and Technology</i> , 2013, 48, 1834-1840.	1.3	76
61	2,2'-[2-(Pyridin-2-yl)-1,3-diazinane-1,3-diyl]bis(methylene)-diphenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2744-o2744.	0.2	1
62	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, 2065-2078.	1.9	36
63	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, 1794-1805.	1.0	10
64	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, 6104-6115.	1.9	19
65	Synthesis, Magnetostructural Correlation, and Catalytic Promiscuity of Unsymmetric Dinuclear Copper(II) Complexes: Models for Catechol Oxidases and Hydrolases. <i>Inorganic Chemistry</i> , 2012, 51, 1569-1589.	1.9	103
66	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.	1.6	22
67	Chlorin Photosensitizers Sterically Designed To Prevent Self-Aggregation. <i>Journal of Organic Chemistry</i> , 2011, 76, 8824-8832.	1.7	67
68	Nucleophilic Ring-Opening of Epoxide and Aziridine Acetates for the Stereodivergent Synthesis of ^{1,2} -Hydroxy and ^{1,2} -Amino ^{1,3} -Lactams. <i>Journal of Organic Chemistry</i> , 2011, 76, 948-962.	1.7	33
69	Bioinspired Fe ^{II} Cd ^{II} and Fe ^{III} Hg ^{II} complexes: Synthesis, characterization and promiscuous catalytic activity evaluation. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1740-1752.	1.5	14
70	Quinolinyl and quinolinyl N-oxide chalcones: Synthesis, antifungal and cytotoxic activities. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4448-4456.	2.6	43
71	Synthesis, structural characterization, and photo and electroluminescence of a novel terbium(III) complex: {Tris(acetylacetonate) [1,2,5]thiadiazolo[3,4-f][1,10]phenanthroline}terbium(III). <i>Inorganica Chimica Acta</i> , 2011, 365, 152-158.	1.2	30
72	[(1R*,2S*)-N1-Benzyl-2-phenyl-1-(pyridin-2-yl)-N2-(pyridin-2-ylmethyl)ethane-1,2-diamine]dichloridozinc(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m337-m338.	0.2	0

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73	4-[(1,3-Dioxo-2,3-dihydro-1H-benzo[de]isoquinolin-2-yl)methyl]-N ⁺ [(E)-4-nitrobenzylidene]benzenesulfonohydrazide dimethyl sulfoxide monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o627-o628.	0.2	1
74	Methyl 4-[[6-(4-bromophenyl)-3-oxo-2,3,4,5-tetrahydropyridazin-4-yl]methyl]benzoate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1230-o1231.	0.2	0
75	5-O-Acetyl-D-ribo-1,4-lactone. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2778-o2778.	0.2	3
76	Exploring the reaction of multifunctional allylic bromides with N,S-dinucleophiles: isothiuronium salts and analogs as useful motifs to assemble the 1,3-thiazine core. Arkivoc, 2011, 2010, 303-321.	0.3	10
77	Synthesis, characterization and antibacterial activity of FeIII, CoII, CuII and ZnII complexes probed by transmission electron microscopy. Journal of Inorganic Biochemistry, 2010, 104, 1214-1223.	1.5	36
78	Catecholase and DNase activities of copper(II) complexes containing phenolate-type ligands. Journal of Physical Organic Chemistry, 2010, 23, 1000-1013.	0.9	19
79	Catalytic promiscuity: catecholase-like activity and hydrolytic DNA cleavage promoted by a mixed-valence FeIII/FeII complex. Journal of the Brazilian Chemical Society, 2010, 21, 1201-1212.	0.6	18
80	Properties of (1/4-Oxo)di-iron complexes and catalytic activity toward cyclohexane oxidation. Journal of the Brazilian Chemical Society, 2010, 21, 603-613.	0.6	18
81	2-(4-Bromophenyl)-5-dodecyloxy-1,3-thiazole. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2365-o2365.	0.2	1
82	3-Acetoxy-2-naphthoic acid. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2848-o2848.	0.2	1
83	Oxygen-independent photonuclease activity of a new iron(ii) complex. Chemical Communications, 2010, 46, 3375.	2.2	22
84	Efficient Phosphodiester Hydrolysis by Luminescent Terbium(III) and Europium(III) Complexes. Inorganic Chemistry, 2010, 49, 6013-6025.	1.9	33
85	Heterodinuclear Fe ^{III} Zn ^{II} -Bioinspired Complex Supported on 3-Aminopropyl Silica. Efficient Hydrolysis of Phosphate Diester Bonds. Inorganic Chemistry, 2010, 49, 2580-2582.	1.9	49
86	Synthesis, Structure, and Phosphatase-Like Activity of a New Trinuclear Gd Complex with the Unsymmetrical Ligand H ₃ L As a Model for Nucleases. Inorganic Chemistry, 2010, 49, 3057-3063.	1.9	17
87	Electronic Structure and Spectro-Structural Correlations of Fe ^{III} Zn ^{II} Biomimetics for Purple Acid Phosphatases: Relevance to DNA Cleavage and Cytotoxic Activity. Inorganic Chemistry, 2010, 49, 11421-11438.	1.9	84
88	DNA photonuclease activity of four new copper(ii) complexes under UV and red light: theoretical/experimental correlations with active species generation. Dalton Transactions, 2010, 39, 2027-2035.	1.6	28
89	1-(5-Hydroxy-1-phenyl-3-trifluoromethyl-1H-pyrazol-1-yl)ethanone. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o75-o76.	0.2	2
90	Di(1/4-chlorido-bis{[2-({[2-(2-pyridyl)ethyl](2-pyridylmethyl)amino}methyl)phenol]zinc(II)} bis(perchlorate) dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m229-m230.	0.2	1

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91	(3R,8aS)-3-Ethylperhydropyrrolo[1,2-a]pyrazine-1,4-dione. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o417-o418.	0.2	0
92	Di- $\frac{1}{4}$ -chlorido-bis[chlorido(1,4,6-trimethyl-6-nitro-1,4-diazepine)copper(II)]. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m144-m145.	0.2	0
93	Hexabromoacetone as tribromoacetylating agent of alcohols and amines and as mediator in the conversion of carboxylic acids into amides in the presence of triphenylphosphine. Tetrahedron Letters, 2009, 50, 2559-2561.	0.7	12
94	bis-(1H-Benzimidazol-2-yl)-methanone: New preparation method, crystal structure, vibrational spectroscopy and DFT calculations. Journal of Molecular Structure, 2009, 938, 1-9.	1.8	23
95	1,3-Dipolar cycloaddition reaction applied to synthesis of new unsymmetric liquid crystal compounds-based isoxazole. Tetrahedron Letters, 2009, 50, 905-908.	0.7	60
96	First ultrasound-mediated one-pot synthesis of N-substituted amides. Ultrasonics Sonochemistry, 2009, 16, 737-742.	3.8	38
97	Unsymmetrical Fe ^{III} Co ^{II} and Ga ^{III} Co ^{II} Complexes as Chemical Hydrolases: Biomimetic Models for Purple Acid Phosphatases (PAPs). Inorganic Chemistry, 2009, 48, 7905-7921.	1.9	57
98	3-[3-(3-Fluorophenyl)-1,2,4-oxadiazol-5-yl]propionic acid. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o146-o146.	0.2	3
99	2-Phenyl-5-(trifluoromethyl)pyrazol-3(2H)-one. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2040-o2041.	0.2	6
100	(E,E)-Methyl 2-[(3-nitrobenzylidene)aminomethyl]-3-phenylpropenoate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o198-o199.	0.2	0
101	2-Allyloxy-5-nitrobenzoic acid. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1718-o1718.	0.2	0
102	A new $\frac{1}{4}$ -oxo di-iron complex with suitable features to mimic metallohydrolase activity: X-ray molecular structure, aqua solution behavior and nuclease activity of the complex [Fe(HPCINOL)(SO ₄)] ₂ $\frac{1}{4}$ -oxo. Inorganic Chemistry Communication, 2008, 11, 643-647.	1.8	25
103	Synthesis of allylic thiocyanates and novel 1,3-thiazin-4-ones from 2-(bromomethyl)alkenoates and S-nucleophiles in aqueous medium. Tetrahedron Letters, 2008, 49, 1228-1232.	0.7	35
104	Luminescent 2,1,3-benzothiadiazole-based liquid crystalline compounds. Journal of Molecular Structure, 2008, 875, 364-371.	1.8	87
105	Synthesis, crystalline structure and mesomorphic properties of new liquid crystalline 1,2,3-triazole derivatives. Liquid Crystals, 2008, 35, 719-725.	0.9	47
106	Tristriazolotriazines: a core for luminescent discotic liquid crystals. Chemical Communications, 2008, , 5134.	2.2	71
107	New Gadolinium Complex with Efficient Hydrolase-like Activity: A 100-Million-Fold Rate Enhancement in Diester Hydrolysis. Inorganic Chemistry, 2008, 47, 2919-2921.	1.9	16
108	Synthesis, Structure, and Physicochemical Properties of Dinuclear Ni ^{II} Complexes as Highly Efficient Functional Models of Phosphohydrolases. Inorganic Chemistry, 2008, 47, 1107-1119.	1.9	49

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109	Nicotinohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o302-o303.	0.2	7
110	trans-Diaquabis{1,3-bis[5-(2-pyridyl)-2H-tetrazol-2-yl]propane}zinc(II) bis(perchlorate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m541-m542.	0.2	2
111	Intramolecular General Acid Catalysis of the Hydrolysis of 2-(2-Imidazolium)phenyl Phosphate, and Bond Length ^ν Reactivity Correlations for Reactions of Phosphate Monoester Monoanions. <i>Journal of Organic Chemistry</i> , 2007, 72, 3800-3807.	1.7	13
112	An Unprecedented FeIII(1/4-OH)ZnII Complex that Mimics the Structural and Functional Properties of Purple Acid Phosphatases. <i>Journal of the American Chemical Society</i> , 2007, 129, 7486-7487.	6.6	124
113	Catalytic Promiscuity in Biomimetic Systems: A 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, 348-350.	1.9	174
114	Reações de 1,2-dicloro-4,5-dinitrobenzeno com aminas: monossustituição de nitro e dissustituição de cloro e nitro. <i>Química Nova</i> , 2007, 30, 356-359.	0.3	6
115	Synthesis and optical/thermal properties of low molecular mass V-shaped materials based on 2,3-dicyanopyrazine. <i>Tetrahedron</i> , 2007, 63, 2851-2858.	1.0	61
116	Synthesis, structural characterization, catalase-like function and epoxidation activity of a mononuclear manganese(II) complex. <i>Journal of Molecular Catalysis A</i> , 2007, 269, 22-29.	4.8	13
117	Synthesis and crystal structure of a novel Zn(II) 2-D coordination polymer containing 1,3-bis(4-pyridyl)propane ligand and Croconate Violet dianion. <i>Polyhedron</i> , 2007, 26, 1469-1475.	1.0	16
118	Synthesis, crystal structure and magnetic properties of a new dinuclear copper(II) amino acid complex [Cu2(l-arg)2(1/4-HPO4-O)(1/4-HPO4-O, O ²⁻)(1/4-OH)] ⁺ ·(H3O) ⁺ ·(H2O)6. <i>Polyhedron</i> , 2007, 26, 5001-5008.	1.0	13
119	Synthesis, X-ray structure and antimycobacterial activity of silver complexes with α -hydroxycarboxylic acids. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 291-296.	1.5	49
120	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-o86.	0.4	1
121	2-Allyloxy-5-chlorobenzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2981-o2981.	0.2	1
122	5-(2-Benzoylthienyl)-N-benzyl-2-methoxybenzenesulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3275-o3276.	0.2	2
123	2-N,5-Di-O-acetyl-2,3-O-isopropylidene-guanosine monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3751-o3752.	0.2	0
124	2-Carboxy-1-naphthyl acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4523-o4523.	0.2	3
125	The reaction mechanism of the Ga(III)Zn(II) derivative of uteroferrin and corresponding biomimetics. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 1207-1220.	1.1	57
126	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> , 2007, 13, 139-155.	1.1	59

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