

Eduardo Ernesto Castellano

List of Publications by Year in descending order

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444
papers

8,865
citations

53794

45
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110387

64
g-index

454
all docs

454
docs citations

454
times ranked

7900
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic chalcones, flavanones, and flavones as antitumoral agents: Biological evaluation and structure-activity relationships. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3356-3367.	3.0	260
2	Palladium(II) complexes of 2-benzoylpyridine-derived thiosemicarbazones: spectral characterization, structural studies and cytotoxic activity. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 698-706.	3.5	160
3	Novel Antitrypanosomal Agents Based on Palladium Nitrofurylthiosemicarbazone Complexes: DNA and Redox Metabolism as Potential Therapeutic Targets. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 3322-3331.	6.4	157
4	Ruthenium Nitrosyl Complexes with N-Heterocyclic Ligands. <i>Inorganic Chemistry</i> , 1998, 37, 2670-2677.	4.0	128
5	An Unprecedented Fe(III)($\frac{1}{4}$ -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, 7486-7487.	13.7	124
6	Vanadium(V) complexes with salicylaldehyde semicarbazone derivatives bearing in vitro anti-tumor activity toward kidney tumor cells (TK-10): crystal structure of [VVO ₂ (5-bromosalicylaldehyde)Tj ETQq0 0 0 rgBT /Overlock 107f 50 53]	10.7	117
7	Copper(II) and zinc(II) complexes with 2-benzoylpyridine-methyl hydrazone. <i>Journal of Molecular Structure</i> , 2009, 920, 97-102.	3.6	113
8	Selective Interaction of Lower Rim Calix[4]arene Derivatives and Bivalent Cations in Solution. Crystallographic Evidence of the Versatile Behavior of Acetonitrile in Lead(II) and Cadmium(II) Complexes. <i>Journal of the American Chemical Society</i> , 2002, 124, 12824-12836.	13.7	89
9	Vanadium complexes with thiosemicarbazones: Synthesis, characterization, crystal structures and anti- <i>Mycobacterium tuberculosis</i> activity. <i>Polyhedron</i> , 2009, 28, 398-406.	2.2	88
10	New Pd(II) and Pt(II) complexes with N,S-chelated pyrazolonate ligands: Molecular and supramolecular structure and preliminary study of their in vitro antitumoral activity. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 33-45.	3.5	86
11	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, 11421-11438.	4.0	84
12	Copper(II) and zinc(II) complexes with 2-formylpyridine-derived hydrazones. <i>Polyhedron</i> , 2009, 28, 3797-3803.	2.2	78
13	New Vanadium(V) Complexes with Salicylaldehyde Semicarbazone Derivatives: Synthesis, Characterization, and in vitro Insulin-Mimetic Activity. Crystal Structure of [VVO ₂ (salicylaldehyde)Tj ETQq1 1 0.784314 rgB76/Overlock 107f 50 53]	10.7	117
14	Copper(I) complexes with 4,6-dimethylpyrimidine-2-thione (Hdmpymt); the crystal and molecular structure of [Cu ₆ (dmpymt) ₆]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2559-2563.	1.1	70
15	Pt(II) and Ag(I) complexes with acesulfame: Crystal structure and a study of their antitumoral, antimicrobial and antiviral activities. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 533-540.	3.5	70
16	Structural Transition and Pair Formation in Fe ₃ O ₂ BO ₃ . <i>Physical Review Letters</i> , 2001, 87, 147201.	7.8	69
17	Synthesis, structure and properties of unsymmetrical $\frac{1}{4}$ -alkoxo-dicopper(II) complexes: biological relevance to phosphodiester and DNA cleavage and cytotoxic activity. <i>Inorganica Chimica Acta</i> , 2005, 358, 1807-1822.	2.4	69
18	Ru(II)-based complexes with N-(acyl)-N,N'-disubstituted thiourea ligands: Synthesis, characterization, BSA- and DNA-binding studies of new cytotoxic agents against lung and prostate tumour cells. <i>Journal of Inorganic Biochemistry</i> , 2015, 150, 63-71.	3.5	69

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19	Synthesis, crystal structure and spectroscopic characterization of a novel bis (oxo-bridged) dinuclear vanadium(V)â€“dipicolinic acid complex. <i>Polyhedron</i> , 2005, 24, 49-55.	2.2	65
20	Synthesis and biological properties of new 5-nitroindazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 3197-3207.	3.0	63
21	Set-up and Experimental Parameters of the Protein Crystallography Beamline at the Brazilian National Synchrotron Laboratory. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 72-76.	2.4	62
22	A gold(I) complex with a vitamin K3 derivative: Characterization and antitumoral activity. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1858-1860.	3.5	62
23	Diorganotin(IV) derivatives of salicylaldehydethiosemicarbazone. The crystal structure of dimethyl- and diphenyl- (salicylaldehydethiosemicarbazonato)tin(IV). <i>Inorganica Chimica Acta</i> , 1994, 216, 169-175.	2.4	61
24	1,2,5-Oxadiazole N-oxide derivatives as potential anti-cancer agents: synthesis and biological evaluation. Part IV. <i>European Journal of Medicinal Chemistry</i> , 2001, 36, 771-782.	5.5	59
25	On the cytotoxic activity of Pd(II) complexes of N,N-disubstituted-Nâ€“acyl thioureas. <i>Journal of Inorganic Biochemistry</i> , 2014, 134, 76-82.	3.5	59
26	Cadmium coordination chemistry related to chelate therapy. <i>Inorganica Chimica Acta</i> , 1989, 158, 119-126.	2.4	58
27	2-Acetylpyridine- and 2-benzoylpyridine-derived hydrazones and their gallium(III) complexes are highly cytotoxic to glioma cells. <i>European Journal of Medicinal Chemistry</i> , 2012, 50, 163-172.	5.5	58
28	Vanadium complexes with 2-pyridineformamide thiosemicarbazones: In vitro studies of insulin-like activity. <i>Inorganica Chimica Acta</i> , 2009, 362, 414-420.	2.4	57
29	Metal complexes of 2-benzoylpyridine semicarbazone: Spectral, electrochemical and structural studies. <i>Journal of Molecular Structure</i> , 2006, 794, 18-23.	3.6	55
30	Comparative structural study of dimethyl(pyridine-2-thiolato)thallium(III) and dimethylbis(pyridine-2-thiolato)tin(IV). <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 1001-1005.	1.1	54
31	Synthesis and characterization of three new Cu(II)-dipeptide complexes. <i>Journal of Inorganic Biochemistry</i> , 2002, 89, 174-180.	3.5	54
32	The [Ru(Hedta)NO]O,1â€“ system: structure, chemical reactivity and biological assays. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1921-1932.	3.5	54
33	Ruthenium Phosphine/Diimine Complexes:â€“ Syntheses, Characterization, Reactivity with Carbon Monoxide, and Catalytic Hydrogenation of Ketones. <i>Organometallics</i> , 2005, 24, 6159-6168.	2.3	54
34	Zinc(II), cadmium(II) and mercury(II) complexes of the vitamin B1 antagonist oxythiamine. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 124-132.	3.5	54
35	Half sandwich Ru(<sc>ii</sc>)-acylthiourea complexes: DNA/HSA-binding, anti-migration and cell death in a human breast tumor cell line. <i>Dalton Transactions</i> , 2017, 46, 12865-12875.	3.3	53
36	Synthesis, characterization, X-ray structure and preliminary in vitro antitumor activity of the nitrosyl complex fac-[RuCl3(NO)(dppf)], dppf=1,1â€“bis(diphenylphosphine)ferrocene. <i>Polyhedron</i> , 2007, 26, 4707-4712.	2.2	51

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37	Antimycobacterial and antitumor activities of Palladium(II) complexes containing isonicotinamide (isn): X-ray structure of trans-[Pd(N3)2(isn)2]. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4863-4868.	5.5	51
38	Fast rigid-body refinement for molecular-replacement techniques. <i>Journal of Applied Crystallography</i> , 1992, 25, 281-284.	4.5	50
39	New unsymmetric dinuclear CuII complexes and their relevance to copper(II) containing metalloenzymes and DNA cleavage. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 992-1004.	3.5	50
40	Synthesis, characterization, X-ray structure and in vitro antimycobacterial and antitumoral activities of Ru(II) phosphine/diimine complexes containing the π - σ -S ₂ Me ₂ ligand, S ₂ Me ₂ =4,6-dimethyl-2-mercaptopyrimidine. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1783-1789.	3.5	50
41	The protein crystallography beamline at LNLS, the Brazilian National Synchrotron Light Source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998, 405, 159-164.	1.6	49
42	Analgesic and Anti-Inflammatory Activities of Salicylaldehyde 2-Chlorobenzoyl Hydrazone (H2LASSBio-466), Salicylaldehyde 4-Chlorobenzoyl Hydrazone (H2LASSBio-1064) and Their Zinc(II) Complexes. <i>Molecules</i> , 2011, 16, 6902-6915.	3.8	48
43	Ruthenium(II) complexes of 1,3-thiazolidine-2-thione: Cytotoxicity against tumor cells and anti-Trypanosoma cruzi activity enhanced upon combination with benznidazole. <i>Journal of Inorganic Biochemistry</i> , 2016, 156, 153-163.	3.5	48
44	Reactivity of : modulation of the release of NO by the trans-effect. <i>Inorganica Chimica Acta</i> , 2005, 358, 2883-2890.	2.4	47
45	An unusual [4 + 4 + 4] bischelical complex, Cu ₃ (H ₂ L)(L)·2H ₂ O [H ₄ L = N,N'-bis(3-hydroxysalicylidene)-1,4-diaminobutane]: synthesis and crystal structure. <i>Chemical Communications</i> , 1999, , 1953-1954.	4.1	45
46	Sesquiterpene Lactones from Lychnophora ericoides. <i>Journal of Natural Products</i> , 2003, 66, 693-695.	3.0	45
47	Structural and Single Crystal EPR Studies of the Complex Copper L-Glutamine: A Weakly Exchange-Coupled System with syn-anti Carboxylate Bridges. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2913-2919.	2.0	44
48	Compositional and Structural Variety of Diphenyllead(IV) Complexes Obtained by Reaction of Diphenyllead Dichloride with Thiosemicarbazones. <i>Inorganic Chemistry</i> , 2003, 42, 2584-2595.	4.0	43
49	Crystal structure and magnetic properties of diaqua(L-aspartato)copper(II). <i>Inorganic Chemistry</i> , 1993, 32, 6016-6022.	4.0	42
50	N α -H α -SC hydrogen bond in O-alkyl N-methoxycarbonyl thiocarbamates, ROC(S)N(H)C(O)OCH ₃ (R=CH ₃), Tj. <i>FTQq0 0 0 rgBT /Over</i>	2.2	41
51	A broad study of two new promising antimycobacterial drugs: Ag(I) and Au(I) complexes with 2-(2-thienyl)benzothiazole. <i>Polyhedron</i> , 2012, 38, 291-296.	2.2	41
52	Complexation of 2-acetylpyridine- and 2-benzoylpyridine-derived hydrazones to copper(II) as an effective strategy for antimicrobial activity improvement. <i>Polyhedron</i> , 2012, 38, 285-290.	2.2	41
53	Synthesis, crystal and molecular structure, and spectroscopic properties of tris(2,2'-bipyridyl)iron(II) nitroprusside tetrahydrate, [Fe(bpy) ₃][Fe(CN) ₅ NO]·4H ₂ O. <i>Inorganic Chemistry</i> , 1984, 23, 948-952.	4.0	40
54	The electrochemical synthesis of neutral copper(II) complexes of Schiff base ligands: the crystal structure of bis{N-[2-(2-pyridyl)ethyl]-4,6-dimethoxysalicylideneiminato}copper(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 1059-1062.	1.1	40

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55	Synthesis, characterization, crystal structure, and biological studies of vanadium complexes with glycolic acid. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1561-1571.	2.2	40
56	Synthesis, characterization, hydrolase and catecholase activity of a dinuclear iron(III) complex: Catalytic promiscuity. <i>Journal of Inorganic Biochemistry</i> , 2015, 146, 77-88.	3.5	40
57	Selective Coordination Mode of Acylthiourea Ligands in Half-Sandwich Ru(II) Complexes and Their Cytotoxic Evaluation. <i>Inorganic Chemistry</i> , 2020, 59, 5072-5085.	4.0	40
58	Crystal structures, spectroscopic characterization and theoretical calculations of the guanidinium and ammonium salts of the insulin-enhancing anion $[\text{VO}_2(\text{dipic})]^-$. <i>Polyhedron</i> , 2006, 25, 2920-2928.	2.2	39
59	Binuclear zinc(II) complexes with the anti-inflammatory compounds salicylaldehyde semicarbazone and salicylaldehyde-4-chlorobenzoyl hydrazone (H2LASSBio-1064). <i>Polyhedron</i> , 2011, 30, 1891-1898.	2.2	39
60	Hydrolysis reaction promotes changes in coordination mode of Ru(II)/acylthiourea organometallic complexes with cytotoxicity against human lung tumor cell lines. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 147-156.	3.5	39
61	Complexes of dimethyldihalotin(IV) with imidazole and pyrazole: the crystal structure of dibromobis(pyrazole)dimethyltin(IV). <i>Journal of Organometallic Chemistry</i> , 1988, 338, 187-193.	1.8	38
62	Solution thermodynamics of geometrical isomers of pyridino calix(4)arenes and their interaction with the silver cation. The X-ray structure of a 1:1 complex of silver perchlorate and acetonitrile with 5,11,17,23-tetra-tert-butyl-[25,26,27,28-tetrakis(2-pyridylmethyl)oxy]calix(4)arene. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 3097-3104.	1.7	38
63	Development of New Cd ²⁺ and Pb ²⁺ Lennard-Jones Parameters for Liquid Simulations. <i>Journal of Physical Chemistry B</i> , 2007, 111, 2219-2224.	2.6	38
64	Structural studies on zinc(II) complexes with 2-benzoylpyridine-derived hydrazones. <i>Inorganica Chimica Acta</i> , 2009, 362, 2117-2122.	2.4	38
65	A new nitrosyl ruthenium complex: Synthesis, chemical characterization, <i>in vitro</i> and <i>in vivo</i> antitumor activities and probable mechanism of action. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3616-3622.	5.5	38
66	The Electrochemical Synthesis of Neutral Zinc(II) Complexes of Schiff Base Ligands: The Crystal Structure of Bis[N-(4-methylphenyl)salicylaldiminato]zinc(II). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1988, 43, 611-615.	0.7	37
67	Infrared spectra and molecular structure of excited electronic metastable states of the nitroprusside anion, $[\text{Fe}(\text{CN})_5\text{NO}]^{2-}$. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1993, 49, 535-542.	0.1	37
68	Crystal structure of triphenyl(5-mercapto-1-phenyl-1,2,3,4-tetrazolato)tin(IV). <i>Journal of Organometallic Chemistry</i> , 1994, 482, 147-150.	1.8	37
69	Structural and spectroscopic characterization of two new Cd(II) complexes: bis(thiosaccharinato)bis(imidazole) cadmium(II) and tris(thiosaccharinato)cadmate(II). <i>Journal of Molecular Structure</i> , 2003, 656, 161-168.	3.6	37
70	New potent 5-substituted benzofuroxans as inhibitors of <i>Trypanosoma cruzi</i> growth: Quantitative structure-activity relationship studies. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 6336-6346.	3.0	36
71	Tin(IV) complexes obtained by reacting 2-benzoylpyridine-derived thiosemicarbazones with SnCl ₄ and Ph ₂ SnCl ₂ . <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3919-3930.	1.8	36
72	Anti- <i>Mycobacterium tuberculosis</i> activity of platinum(II)/ N , N -disubstituted- N -acyl thiourea complexes. <i>Inorganic Chemistry Communication</i> , 2016, 63, 74-80.	3.9	36

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73	Synthesis and structure of cadmium and zinc complexes of dehydroacetic acid. <i>Inorganica Chimica Acta</i> , 2002, 328, 45-52.	2.4	34
74	Dimethyl(2-thiouracilato)thallium(III), a compound with an unusual carbon-thallium-carbon angle. <i>Inorganic Chemistry</i> , 1987, 26, 3818-3820.	4.0	33
75	Synthesis and X-ray studies of di- μ -4-cyano-bis[$\{$ cyanato (N,N- dimethylethylenediamine) $\}$ copper(II)]. <i>Polyhedron</i> , 1990, 9, 2937-2939.	2.2	33
76	Crystal structure and magnetic interactions in bis(D,L-alaninato)copper(II) hydrate. <i>Inorganic Chemistry</i> , 1991, 30, 216-220.	4.0	33
77	Electrochemical synthesis of cadmium(II) complexes of Schiff bases: the crystal structure of	2.2	33
78	Morpholinium 2,4-dinitrophenolate Aqua Salt and Ethylenediammonium 2,4-dinitrophenolate Aqua Salt. <i>Journal of Chemical Crystallography</i> , 2007, 37, 699-705.	1.1	33
79	Coordination of nitro-thiosemicarbazones to ruthenium(II) as a strategy for anti-trypanosomal activity improvement. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2847-2853.	5.5	33
80	TGA-DTA, infrared and x-ray powder diffraction studies on strontium nitroprusside and its hydrates. <i>Journal of Molecular Structure</i> , 1981, 70, 241-254.	3.6	32
81	Electrochemical synthesis of Nickel(II) Complexes of schiff bases: The crystal structure of 2,2'-bipyridine bis{2-[(phenyl)iminomethyl]pyrrolato}nickel(II). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1992, 612, 83-88.	1.2	32
82	Electrochemical synthesis of cobalt(II) and cobalt(III) complexes of Schiff bases: The crystal structure of tris{2-[(2-methylphenyl)iminomethyl] pyrrolato}cobalt(III). <i>Polyhedron</i> , 1992, 11, 235-241.	2.2	32
83	The crystal chemistry of copper(II) dipicolinates. <i>Polyhedron</i> , 1996, 15, 4531-4540.	2.2	32
84	Pyridoxal thiosemicarbazone monohydrate of dimethylthallium(III): X-ray structure and spectroscopic properties. <i>Inorganica Chimica Acta</i> , 1997, 260, 183-188.	2.4	32
85	Metal-Induced Cyclization of Thiosemicarbazones Derived from $\hat{\nu}^2$ -Keto Amides and $\hat{\nu}^2$ -Keto Esters: $\hat{\nu}$ Open-Chain and Cyclized Ligands in Zinc(II) Complexes. <i>Inorganic Chemistry</i> , 2002, 41, 1550-1557.	4.0	32
86	Mercury Bis(phenyltelluroate) as a Precursor for the Synthesis of Binary and Ternary Nanoclusters. <i>Inorganic Chemistry</i> , 2007, 46, 2356-2358.	4.0	32
87	Terbium(III) and dysprosium(III) 8-connected 3D networks containing 2,5-thiophenedicarboxylate anion: Crystal structures and photoluminescence studies. <i>Polyhedron</i> , 2012, 38, 149-156.	2.2	32
88	Understanding the conformational changes and molecular structure of furoyl thioureas upon substitution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 176, 8-17.	3.9	32
89	Solid state coordination chemistry of pyridinedicarboxylic acid isomers. III Synthesis and crystal structures of complexes of Zn and Ni with lutidinic acid (lutidinic=2,4-pyridinedicarboxylic). <i>Journal of Molecular Structure</i> , 2003, 644, 67-76.	3.6	30
90	Synthesis and X-ray structure of the dinuclear platinum(II) complex with saccharin $\{K[Pt(sac)_3(H_2O)] \cdot H_2O\}_2$: Studies on its antiproliferative activity in aqueous solution. <i>Inorganica Chimica Acta</i> , 2007, 360, 3055-3060.	2.4	30

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91	Synthesis, crystal structure and spectroscopic properties of bis(diphenyldithiophosphinato)cadmium(II). <i>Inorganica Chimica Acta</i> , 1994, 219, 115-119.	2.4	29
92	Structure and single crystal EPR study of Cu(II)(l-threonine) $2\text{H}_2\text{O}$. <i>Inorganica Chimica Acta</i> , 2000, 305, 19-25.	2.4	29
93	Structural and Spectroscopic Characterization of Two New Cu(II)-Dipeptide Complexes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2000, 55, 1157-1162.	0.7	29
94	The Reaction of Dimethyltin(IV) Dichloride with Thiamine Diphosphate (H ₂ TDP): H_2O : H_2O and Possibility of a Hitherto Unsuspected Role of the Metal Cofactor in the Mechanism of Vitamin-B ₁ -Dependent Enzymes. <i>Inorganic Chemistry</i> , 2004, 43, 1957-1963.	4.0	29
95	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.	4.0	29
96	PAMAM dendrimers functionalized with ruthenium nitrosyl as nitric oxide carriers. <i>Inorganica Chimica Acta</i> , 2014, 409, 147-155.	2.4	29
97	On the electronic structure of metastable nitroprusside ion in Na ₂ [Fe(CN) ₅ NO] $\cdot 2\text{H}_2\text{O}$. A comparative single crystal esr study. <i>Solid State Communications</i> , 1990, 73, 481-486.	1.9	28
98	Coordination compounds of dimethylthallium(III) with 5-(2-pyridinylmethylene)rhodanine or 5-(2-pyridinylmethylene)-2-thiohydantoin: an unusual case of desmotropic isomerism. <i>Inorganica Chimica Acta</i> , 1995, 238, 129-137.	2.4	28
99	fac-[RuCl ₃ (NO)(dppb)] (I) and mer-[RuCl ₃ (NO)(diop)] (II) complexes: syntheses, characterization and X-ray structures. <i>Polyhedron</i> , 2002, 21, 2221-2225.	2.2	28
100	A structural model for oxidized type II copper nitrite reductase with a polyimidazole tripod ligand. <i>Polyhedron</i> , 2004, 23, 511-518.	2.2	28
101	mer-[RuCl ₃ (P)H ₂ O] (P=dppb or diop) as a starting material for the synthesis of binuclear complexes. Crystallographic structures of [(dppb)ClRu $\frac{1}{4}$ (Cl) ₃ RuCl(dppb)] and [(1-6-C ₆ H ₆)Ru $\frac{1}{4}$ (Cl) ₃ RuCl(dppb)]. <i>Polyhedron</i> , 2004, 23, 3163-3172.	2.2	28
102	A polymeric europium complex with the ligand thiophene-2-carboxylic acid: Synthesis, structural and spectroscopic characterization. <i>Polyhedron</i> , 2014, 67, 65-72.	2.2	28
103	Electrosynthesis of binuclear ruthenium complexes from [RuCl ₃ (dppb)(L)] precursors [L=...pyridine, 4-methylpyridine or dimethyl sulfoxide; dppb=...1,4-bis(diphenylphosphino)butane]. <i>Dalton Transactions RSC</i> , 2000, , 3383-3386.	2.3	27
104	Synthesis, characterization and cytotoxic activities of the [RuCl ₂ (NO)(dppp)(L)]PF ₆ complexes. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 489-495.	3.5	27
105	Deprotonation reactions of 2-thiouracil with [2-(pyridin-2-yl)phenyl]mercury(II) acetate. Structural and spectroscopic effects. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 1973-1978.	1.1	26
106	Lower rim calix(4)arene ketone derivatives and their interaction with alkali metal cations. Structural and thermodynamic (solution and complexation) characterisation of the tetraphenyl ketone derivative and its sodium complex. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 4010-4021.	2.8	26
107	Characterization of a Cu(II) complex of sulfadimethoxine. <i>Journal of Inorganic Biochemistry</i> , 2003, 94, 200-204.	3.5	26
108	Structure and magnetism of MnMgB ₂ O ₅ and Mn ₂ B ₂ O ₅ . <i>Physical Review B</i> , 2003, 67, .	3.2	26

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109	A novel synthesis of (+/-)-abscisic acid. <i>Journal of Organic Chemistry</i> , 1989, 54, 681-683.	3.2	25
110	Reactions of Cadmium(II) Acetate with Acetoacetanilide and Methylacetoacetate Thiosemicarbazones: A Cyclization Process Leading to a Pyrazolone – The Molecular and Crystal Structures of the Free Ligands and the Complex [CdL2Py] (HL = 2-[Amino(thioxo)methyl]-5-methyl-2,3-dihydro-1H-3-pyrazolone,) <i>Tj ETQq 000 rgBT Overlock</i>	3.0	25
111	Reactivity of Radicals Generated on Irradiation of <i>trans</i> -[Ru(NH ₃) ₄ (NO ₂)P(OEt) ₃](PF ₆). <i>Journal of the American Chemical Society</i> , 2004, 126, 2546-2555.	13.7	25
112	Tautomerism and Reactivity in Heterocyclic N-Oxides. A Spectroscopic and Theoretical Study of Benzimidazole N-Oxide Derivatives (N-Hydroxybenzimidazoles). <i>Journal of Physical Chemistry A</i> , 2004, 108, 11241-11248.	2.5	25
113	Synthesis and structural characterization of two new polynuclear metal thiosaccharinates: Hexakis(thiosaccharinato)hexasilver(I) and tetrakis(thiosaccharinato)tetracopper(I). <i>Inorganica Chimica Acta</i> , 2007, 360, 3169-3181.	2.4	25
114	Palladium(II)/ N , N -disubstituted- N –acylthioureas complexes as anti- Mycobacterium tuberculosis and anti- Trypanosoma cruzi agents. <i>Polyhedron</i> , 2017, 132, 70-77.	2.2	25
115	Molecular structure and exchange interactions in <i>trans</i> -bis(L-2-aminobutyrate)copper(II) and <i>trans</i> -bis(DL-2-aminobutyrate)copper(II). <i>Inorganic Chemistry</i> , 1990, 29, 3918-3922.	4.0	24
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439	Two isomeric calix[4]arene complexes with mercury(II). <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2005, 61, c305-c305.	0.3	0
440	Molecular dynamics simulations of tetramethylketone p-tert-butyl calix[4]arene. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2005, 61, c165-c166.	0.3	0
441	A lower rim tert-butyl calix[4]arene derivative that binds Ag(I). <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2005, 61, c305-c305.	0.3	0
442	Molecular and electronic structure of 1,2,5-thiadiazole 1,1-dioxide derivatives. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1996, 52, C267-C267.	0.3	0
443	NiBr ₂ complexes with triphenylarsine oxide (tpaso). <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1984, 40, C300-C300.	0.3	0
444	Title is missing!. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002, 628, 612-619.	1.2	0