

# Eduardo Ernesto Castellano

## List of Publications by Year in descending order

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444  
papers

8,865  
citations

53794

45  
h-index

110387

64  
g-index

454  
all docs

454  
docs citations

454  
times ranked

7900  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ruthenium(II)-diphosphine complexes containing acylthiourea ligands are effective against lung and breast cancers. Dalton Transactions, 2022, 51, 1489-1501.	3.3	12
2	Cytotoxic and antiparasitic activities of diphosphine-metal complexes of group 10 containing acylthiourea as ligands. Journal of Inorganic Biochemistry, 2022, 234, 111906.	3.5	4
3	Novel ruthenium(III) complexes with hydroxybenzophenones: experimental and theoretical characterization and <i>in vitro</i> leishmanicidal activity comparing complexes and ligands. New Journal of Chemistry, 2021, 45, 7501-7515.	2.8	2
4	New AlIII ZnII and AlIII CuII dinuclear complexes: Phosphatase-like activity and cytotoxicity. Journal of Inorganic Biochemistry, 2021, 219, 111392.	3.5	2
5	Synthesis and characterization of silver(I) complexes bearing phenanthroline derivatives as ligands: Cytotoxicity and DNA interaction evaluation. Inorganic Chemistry Communication, 2021, 131, 108757.	3.9	6
6	Comparative Study of Antioxidant and Pro-Oxidant Properties of Homoleptic and Heteroleptic Copper Complexes with Amino Acids, Dipeptides and 1,10-Phenanthroline: The Quest for Antitumor Compounds. Molecules, 2021, 26, 6520.	3.8	7
7	Crystal structures and DFT analysis of Palladium(II) complexes with Schiff bases derived from N,N-dialkyl-p-phenylenediamines. Journal of Molecular Structure, 2020, 1204, 127549.	3.6	15
8	Selective Coordination Mode of Acylthiourea Ligands in Half-Sandwich Ru(II) Complexes and Their Cytotoxic Evaluation. Inorganic Chemistry, 2020, 59, 5072-5085.	4.0	40
9	Antitumor activity of Pd(II) complexes with N,S or O,S coordination modes of acylthiourea ligands. Polyhedron, 2020, 184, 114543.	2.2	20
10	Ruthenium(II) Phosphine/Mercapto Complexes: Their <i>in Vitro</i> Cytotoxicity Evaluation and Actions as Inhibitors of Topoisomerase and Proteasome Acting as Possible Triggers of Cell Death Induction. Inorganic Chemistry, 2020, 59, 15004-15018.	4.0	23
11	Cytotoxicity of ruthenium-N,N-disubstituted-Na <sup>2+</sup> -acylthioureas complexes. Materials Science and Engineering C, 2020, 115, 111106.	7.3	12
12	Light-activated generation of nitric oxide (NO) and sulfite anion radicals (SO <sub>3</sub> <sup>•-</sup> ) from a ruthenium(II) nitrosylsulphito complex. Dalton Transactions, 2019, 48, 10812-10823.	3.3	11
13	Non-mutagenic Ru(II) complexes: cytotoxicity, topoisomerase IB inhibition, DNA and HSA binding. Dalton Transactions, 2019, 48, 14885-14897.	3.3	18
14	A Mixed Ligand Platinum(II) Complex: Spectral Analysis, Crystal Structure, Steric Demand of the Ligand, and Bioactivity of <i>cis</i> -[Pt(PPh <sub>3</sub> ) <sub>2</sub> (L <sup>1</sup> -O,S)]PF <sub>6</sub> (L <sup>1</sup> -O,S = N-morpholine-Na <sup>2+</sup> -benzoylthiourea). European Journal of Inorganic Chemistry, 2019, 2019, 2583-2590.	2.0	14
15	Magnetic-field-tuned phase transition of a molecular material from the isolated-spin to the coupled-spin regime. Physical Chemistry Chemical Physics, 2019, 21, 4394-4407.	2.8	3
16	Crystal structure of a lapacholate complex with Co(II), a potential antibacterial pharmaceutical. Journal of Molecular Structure, 2019, 1180, 792-797.	3.6	1
17	<i>cis</i> -bis(N-benzoyl-Na <sup>2+</sup> -dibenzylthioureido)platinum(II): Synthesis, molecular structure and its interaction with human and bovine serum albumin. Arabian Journal of Chemistry, 2019, 12, 3454-3462.	4.9	16
18	Carbonyl-heterobimetallic Ru(II)/Fe(II) complexes containing polypyridyl ligands: Synthesis, characterization, cellular viability assays and interactions with biomolecules. Archives of Biochemistry and Biophysics, 2018, 660, 156-167.	3.0	8

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19	The trans -[Ru(PPh <sub>3</sub> ) <sub>2</sub> (N,N-dimethyl-N-2-thiophenylthiourea-k <sup>2</sup> O,S)(bipy)]PF <sub>6</sub> complex has pro-apoptotic effects on triple negative breast cancer cells and presents low toxicity in vivo. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 70-84.	3.5	17
20	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
21	Synthesis, characterization, X-ray crystallography and stability in aqueous medium of trans-[Ru(CO)(NH <sub>3</sub> ) <sub>4</sub> P(OH) <sub>3</sub> ] <sup>2+</sup> . <i>Polyhedron</i> , 2017, 124, 184-190.	2.2	2
22	Palladium(II)/N,N-disubstituted-N <sup>2</sup> -acylthioureas complexes as anti- <i>Mycobacterium tuberculosis</i> and anti- <i>Trypanosoma cruzi</i> agents. <i>Polyhedron</i> , 2017, 132, 70-77.	2.2	25
23	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
24	Synthesis, Structural Characterization and Biological Evaluation of Rhenium(I) Tricarbonyl Complexes with $\beta$ -Carboline Ligands.. <i>ChemistrySelect</i> , 2017, 2, 8666-8672.	1.5	19
25	Structure/Activity of Pt(II)/N,N-Disubstituted-N <sup>2</sup> -acylthiourea Complexes: Anti-Tumor and Anti- <i>Mycobacterium tuberculosis</i> Activities. <i>Journal of the Brazilian Chemical Society</i> , 2017, , .	0.6	1
26	Half sandwich Ru( $\eta^5$ -Cp*)-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
27	Anti- <i>Mycobacterium tuberculosis</i> activity of platinum(II)/N,N-disubstituted-N <sup>2</sup> -acyl thiourea complexes. <i>Inorganic Chemistry Communication</i> , 2016, 63, 74-80.	3.9	36
28	Ruthenium(II) complexes of 1,3-thiazolidine-2-thione: Cytotoxicity against tumor cells and anti- <i>Trypanosoma cruzi</i> activity enhanced upon combination with benzimidazole. <i>Journal of Inorganic Biochemistry</i> , 2016, 156, 153-163.	3.5	48
29	Crystal structure, spectroscopic and thermal properties of [Zn(Lap) <sub>2</sub> (DMF)(H <sub>2</sub> O)] and isomorphous [M(Lap) <sub>2</sub> ] <sub>n</sub> (M: Cd, Mn) complexes. <i>Journal of Molecular Structure</i> , 2015, 1087, 80-87.	3.6	8
30	Secondary Coordination Sphere Effects in Ruthenium(III) Tetraammine Complexes: Role of the Coordinated Water Molecule. <i>Inorganic Chemistry</i> , 2015, 54, 2067-2080.	4.0	11
31	Crystal structure and catalytic activity of ruthenium (II)/dithiocarbamate complexes in the epoxidation of cyclooctene. <i>Inorganica Chimica Acta</i> , 2015, 429, 237-242.	2.4	9
32	Synthesis, structure, magnetism, and hydrolase and catecholase activity of a new trinuclear copper(II) complex. <i>Inorganica Chimica Acta</i> , 2015, 435, 153-158.	2.4	20
33	Structural and spectroscopic characterization of isotopic sodium, rubidium and cesium acesulfamates. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2015, 70, 491-496.	0.7	14
34	Calix[4]arene amine modified silica: from fundamentals to new recyclable materials for the removal of chlorophenoxy acids from water. <i>RSC Advances</i> , 2015, 5, 33524-33535.	3.6	1
35	Ru(II)-based complexes with N-(acyl)-N <sup>2</sup> ,N <sup>2</sup> -(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
36	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

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37	Three new mononuclear group 12 complexes with benzimidazole. <i>Journal of Coordination Chemistry</i> , 2014, 67, 1380-1391.	2.2	6
38	Highly constrained guests in complexes of p-tert-butylcalix[6]arene dianion: Pentane-1,5-diammonium and choline. <i>Journal of Molecular Structure</i> , 2014, 1067, 88-93.	3.6	4
39	On the cytotoxic activity of Pd(II) complexes of N,N-disubstituted-N <sup>2</sup> -acyl thioureas. <i>Journal of Inorganic Biochemistry</i> , 2014, 134, 76-82.	3.5	59
40	Asymmetric construction of substituted pyrrolidines via 1,3-dipolar cycloaddition of azomethine ylides and chiral acrylates derived from biomass. <i>Tetrahedron Letters</i> , 2014, 55, 2394-2397.	1.4	11
41	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
42	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.	4.0	24
43	PAMAM dendrimers functionalized with ruthenium nitrosyl as nitric oxide carriers. <i>Inorganica Chimica Acta</i> , 2014, 409, 147-155.	2.4	29
44	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.	3.9	21
45	Second-Coordination-Sphere Effects Increase the Catalytic Efficiency of an Extended Model for Fe <sup>III</sup> /M <sup>II</sup> Purple Acid Phosphatases. <i>Inorganic Chemistry</i> , 2013, 52, 3594-3596.	4.0	29
46	Thiosaccharine disulfide: Synthesis, crystal structure, spectroscopic characterization and theoretical study. <i>Journal of Molecular Structure</i> , 2013, 1032, 48-55.	3.6	1
47	Structural, spectral and potentiometric characterization, and antimicrobial activity studies of [Zn(phen) <sub>2</sub> (cngc)(H <sub>2</sub> O)](NO <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> O. <i>Journal of Coordination Chemistry</i> , 2012, 65, 2304-2318.	2.2	8
48	Crystal structure and spectroscopic properties of polymeric adducts of the tetra-1/4-haloaspirinate-dicopper(II). <i>Journal of Coordination Chemistry</i> , 2012, 65, 2341-2352.	2.2	5
49	Spectroscopic, Structural, and Conformational Properties of (<i>Z</i>)-4,4,4-Trifluoro-3-(2-hydroxyethylamino)-1-(2-hydroxyphenyl)-2-buten-1-one, C <sub>12</sub> H <sub>12</sub> F <sub>3</sub> NO <sub>3</sub> : A Trifluoromethyl-Substituted ̢-2-Aminoenone. <i>Journal of Physical Chemistry A</i> , 2012, 116, 1110-1118.	2.5	9
50	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.	4.0	19
51	Cis <sup>→</sup> trans isomerization in the syntheses of ruthenium cyclam complexes with nitric oxide. <i>Inorganic Chemistry Communication</i> , 2012, 15, 93-96.	3.9	6
52	From pyridoxalrhodanine to a novel 7-azacoumarin complex of dimethylthallium(III) in a one-pot synthesis. <i>Inorganic Chemistry Communication</i> , 2012, 19, 55-57.	3.9	2
53	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
54	Coordination of water to organolead(IV) nitrates: The examples of [PbPh <sub>2</sub> (NO <sub>3</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] and [PbMe <sub>3</sub> (NO <sub>3</sub> )(H <sub>2</sub> O)]. <i>Polyhedron</i> , 2012, 31, 249-254.	2.2	0

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55	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
56	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
57	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
58	Nitrosyl induces phosphorous-acid dissociation in ruthenium(ii). <i>Dalton Transactions</i> , 2011, 40, 12917.	3.3	9
59	Antibacterial activity assays of a new cadmium complex with o-phenanthroline and cyanoguanidine: crystal structure, fluorescence properties, and chemical speciation studies. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3560-3574.	2.2	6
60	Calixarene and Resorcarene Based Receptors: From Structural and Thermodynamic Studies to the Synthesis of a New Mercury(II) Selective Material. <i>Journal of Physical Chemistry B</i> , 2011, 115, 6922-6934.	2.6	20
61	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
62	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, 1740-1752.	3.5	14
63	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, 3616-3622.	5.5	38
64	The mer-[RuCl <sub>3</sub> (dppb)(H <sub>2</sub> O)] complex: A versatile tool for synthesis of Ru(II) compounds. <i>Polyhedron</i> , 2011, 30, 41-46.	2.2	11
65	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
66	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
67	Superoxidedismutase-mimetic copper(II) complexes containing saccharinate and 4-aminopyridine/4-cyanopyridine. <i>Journal of Trace Elements in Medicine and Biology</i> , 2010, 24, 20-26.	3.0	5
68	Cyclocreatine, an anticancer and neuroprotective agent. Spectroscopic, structural and theoretical study. <i>Journal of Molecular Structure</i> , 2010, 975, 303-309.	3.6	2
69	Synthesis, characterization and cytotoxic activities of the [RuCl <sub>2</sub> (NO)(dppp)(L)]PF <sub>6</sub> complexes. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 489-495.	3.5	27
70	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
71	Dependence of the product on the P ligand in reactions of [RuCl <sub>3</sub> (NO)(P)] complexes (P = Tj ETQq1,1 0.784314 rgBT / Overl	2.2	11
72	On the synthesis and structures of the complexes [RuCl(L)(dppb)(N)]PF <sub>6</sub> (L = CO, py or 4-NH <sub>2</sub> py; dppb) Tj ETQq0 0 0 rgBT / Overl [(dppb)(CO)Cl <sub>2</sub> -Ru-pz-RuCl <sub>2</sub> (CO)(dppb)] (pz = pyrazine). <i>Polyhedron</i> , 2010, 29, 2297-2303.	2.2	17

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73	Synthesis, molecular structure and physicochemical properties of bis(3-azido-3-deoxythymidin-5-yl) carbonate. <i>Journal of Molecular Structure</i> , 2010, 970, 59-65.	3.6	4
74	Vibrational properties, crystal X-ray diffraction structure and quantum chemical calculations on a divalent sulfur substituted phthalimide: 1H-Isoindole-1,3(2H)-dione, 2-[(methoxycarbonyl)thio]. <i>Journal of Molecular Structure</i> , 2010, 975, 227-233.	3.6	3
75	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
76	Catecholase and DNase activities of copper(II) complexes containing phenolate-type ligands. <i>Journal of Physical Organic Chemistry</i> , 2010, 23, 1000-1013.	1.9	19
77	Experimental and theoretical study of the kinetics of dissociation in cis-[RuCl2(P-P)(N-N)] type complexes. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1992-1999.	0.6	6
78	Synthesis and structural characterization of a new polymeric zinc(II) complex with thiophene-2-carboxylic acid. <i>Journal of Coordination Chemistry</i> , 2010, 63, 2278-2285.	2.2	3
79	Interactions of Diorganolead(IV) with 3-(2-Thienyl)-2-sulfanylpropenoic Acid and/or Thiamine: Chemical and in Vitro and in Vivo Toxicological Results. <i>Inorganic Chemistry</i> , 2010, 49, 2173-2181.	4.0	6
80	Synthesis, Structure, and Phosphatase-Like Activity of a New Trinuclear Gd Complex with the Unsymmetrical Ligand H <sub>3</sub> L As a Model for Nucleases. <i>Inorganic Chemistry</i> , 2010, 49, 3057-3063.	4.0	17
81	Electronic Structure and Spectro-Structural Correlations of Fe <sup>III</sup> Zn <sup>II</sup> Biomimetics for Purple Acid Phosphatases: Relevance to DNA Cleavage and Cytotoxic Activity. <i>Inorganic Chemistry</i> , 2010, 49, 11421-11438.	4.0	84
82	Chemical and in vitro study of the potential of 3-(aryl)-2-sulfanylpropenoic acids and their Zn(ii) complexes as protective agents against cadmium toxicity. <i>Dalton Transactions</i> , 2010, 39, 3931.	3.3	7
83	Copper(II) and zinc(II) complexes with 2-benzoylpyridine-methyl hydrazone. <i>Journal of Molecular Structure</i> , 2009, 920, 97-102.	3.6	113
84	Spectroscopic and structural studies of bis[isopropoxy(thiocarbonyl)]sulfide, [(CH <sub>3</sub> ) <sub>2</sub> CHOC(S)] <sub>2</sub> S. <i>Journal of Molecular Structure</i> , 2009, 930, 43-48.	3.6	3
85	Spectroscopic Investigation on the Formation of a Dinuclear Me <sub>2</sub> SO-Ru <sub>2</sub> -Mercaptopyridine Bridged Complex: [Ru <sub>2</sub> Cl <sub>3</sub> (1/4-pyS)(1/4-dmsO)(dmsO) <sub>4</sub> ·2H <sub>2</sub> O]. <i>Journal of Chemical Crystallography</i> , 2009, 39, 519-524. <sup>1.1</sup>		7
86	Synthesis and Structural Analysis of New Palladium(II) Thiosaccharinates with Triphenylphosphane or Diphosphanes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 1604-1612.	1.2	14
87	Reactions of 1,2,5-thiadiazole 1,1-dioxide derivatives with nitrogen nucleophiles. Part IV. Addition of diamines. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 163-169.	1.9	7
88	Structural effects and hydrogen bonds on N,N'-di(methoxycarbonylsulfonyl)urea, [CH <sub>3</sub> OC(O)SNH] <sub>2</sub> CO, studied by experimental and theoretical methods. <i>Journal of Molecular Structure</i> , 2009, 918, 146-153.	3.6	19
89	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
90	Four novel mononuclear and polynuclear Cu(I) thiosaccharinates with triphenylphosphane and bis(diphenylphosphino)methane. Synthesis and structural study of Cu <sub>4</sub> (tsac) <sub>4</sub> (PPh <sub>3</sub> ) <sub>3</sub> , Cu(tsac)(PPh <sub>3</sub> ) <sub>2</sub> , Cu <sub>4</sub> (tsac) <sub>4</sub> (dppm) <sub>2</sub> , and Cu <sub>2</sub> (tsac) <sub>2</sub> (dppm) <sub>2</sub> . <i>Inorganica Chimica Acta</i> , 2009, 362, 2900-2908.	2.4	22

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91	Vanadium complexes with thiosemicarbazones: Synthesis, characterization, crystal structures and anti-Mycobacterium tuberculosis activity. Polyhedron, 2009, 28, 398-406.	2.2	88
92	Diphenyllead(IV) thiosemicarbazones and pyrazolonates: Synthesis and characterization. Polyhedron, 2009, 28, 1029-1039.	2.2	11
93	Nâ€“Hâ€“SC hydrogen bond in O-alkyl N-methoxycarbonyl thiocarbamates, ROC(S)N(H)C(O)OCH <sub>3</sub> (R=CH <sub>3</sub> â€“, ) Tj ETQq1 1 0,784314 41	2.2	41
94	Driving forces in substitution reactions of octahedral complexes: The influence of the competitive effect. Polyhedron, 2009, 28, 3473-3478.	2.2	12
95	Copper(II) and zinc(II) complexes with 2-formylpyridine-derived hydrazones. Polyhedron, 2009, 28, 3797-3803.	2.2	78
96	Structural studies on zinc(II) complexes with 2-benzoylpyridine-derived hydrazones. Inorganica Chimica Acta, 2009, 362, 2117-2122.	2.4	38
97	Ionic Recognition by 7-Nitro-1,3,5-triaza Adamantane: First Thermodynamic Study. Journal of Physical Chemistry B, 2009, 113, 4775-4780.	2.6	10
98	On an Electrode Modified by a Supramolecular Ruthenium Mixed Valence (Ru <sup>II</sup> /Ru <sup>III</sup> ) Diphosphine-Porphyrin Assembly. Inorganic Chemistry, 2009, 48, 4692-4700.	4.0	16
99	Synthesis, characterization, crystal structure, and biological studies of vanadium complexes with glycolic acid. Journal of Coordination Chemistry, 2009, 62, 1561-1571.	2.2	40
100	Two New Supramolecular Assemblies Obtained by Reaction Between Saccharin and Long-chain Diamines. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 1041-1045.	0.7	0
101	Structural and spectroscopic characterization of 2,2â€“methylene-di-8-quinolinol dihydrochloride dihydrate. Journal of Molecular Structure, 2008, 892, 216-219.	3.6	3
102	Structure and thermal reactivity of Zn(II) salts of isocinchomeric acid (2,5-pyridinedicarboxylic) Tj ETQq0 0 0 rgBTj /Overlock 10 Tf 50 13	2.0	13
103	Novel manganese (III) porphyrin containing peripheral â€“ [RuCl(dppb)(X-bipy)] <sup>+</sup> cations [dppb=1,4-bis(diphenylphosphino)butane and X=â€“CH <sub>3</sub> , â€“OMe, â€“Cl]. X-ray structure of the cis-[RuCl(dppb)(bipy)(4-Mepy)]PF <sub>6</sub> complex. Polyhedron, 2008, 27, 53-58.	2.2	10
104	New insights on the Lewis acidity of diorganolead(IV) compounds: Diphenyllead(IV) complexes with N,O,S-chelating ligands. Polyhedron, 2008, 27, 1-11.	2.2	12
105	Dimethylthallium(III) complexes with picolinic acid and its hydroxyl derivatives. Polyhedron, 2008, 27, 1296-1302.	2.2	4
106	Rhenium chelate complexes with maltolate or kojate. Polyhedron, 2008, 27, 2983-2989.	2.2	18
107	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. Journal of Inorganic Biochemistry, 2008, 102, 33-45.	3.5	86
108	Synthesis, characterization, X-ray structure and in vitro antimycobacterial and antitumoral activities of Ru(II) phosphine/diimine complexes containing the â€“SpymMe <sub>2</sub> â€“ ligand, SpymMe <sub>2</sub> =4,6-dimethyl-2-mercaptopyrimidine. Journal of Inorganic Biochemistry, 2008, 102, 1783-1789.	3.5	50

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109	Lead(II)-induced formation and coordination of 3,4-dihydro-3-thioxo-1,2,4-triazin-5(2H)-one. <i>Inorganic Chemistry Communication</i> , 2008, 11, 423-426.	3.9	5
110	Rhodium-catalyzed carbonylation of allylaminoalcohols: Catalytic synthesis of N-(2-hydroxy-alkyl)-gamma-lactams and bicyclic oxazolidines. <i>Journal of Molecular Catalysis A</i> , 2008, 294, 82-92.	4.8	9
111	Ruthenium(II) complexes containing N(4)-tolyl-2-acetylpyridine thiosemicarbazones and phosphine ligands: NMR and electrochemical studies of cis $\leftrightarrow$ trans isomerization. <i>Journal of Molecular Structure</i> , 2008, 875, 219-225.	3.6	12
112	Analyzing Ru(III) $\leftrightarrow$ dms and Ru(III) $\leftrightarrow$ dms motifs in compounds used in the synthesis of the antimetastatic agents. <i>Journal of Molecular Structure</i> , 2008, 891, 64-74.	3.6	9
113	Reactivity and Spectroscopy of the {Ru(DMAP) <sub>5</sub> } Fragment: An {Ru(NH <sub>3</sub> ) <sub>3</sub> } <sub>5</sub> Analogue. <i>Inorganic Chemistry</i> , 2008, 47, 2416-2427.	4.0	23
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444	â <sup>+</sup> Half-Sandwichâ <sup>-</sup> Ru(II) Anticancer Complexes Containing Triphenylphosphine and p-Substituted Benzoic Acids. Journal of the Brazilian Chemical Society, 0, , .	0.6	5