

# Eduardo Ernesto Castellano

## 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.

423  
papers

7,785  
citations

42  
h-index

59  
g-index

452  
ext. papers

8,226  
ext. citations

3.1  
avg, IF

5.29  
L-index

#	Paper	IF	Citations
423	New AlZn and AlCu dinuclear complexes: Phosphatase-like activity and cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , <b>2021</b> , 219, 111392	4.2	0
422	Novel ruthenium(III) complexes with hydroxybenzophenones: experimental and theoretical characterization and in vitro leishmanicidal activity comparing complexes and ligands. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 7501-7515	3.6	0
421	Synthesis and characterization of silver(I) complexes bearing phenanthroline derivatives as ligands: Cytotoxicity and DNA interaction evaluation. <i>Inorganic Chemistry Communication</i> , <b>2021</b> , 131, 108757	3.1	0
420	Selective Coordination Mode of Acylthiourea Ligands in Half-Sandwich Ru(II) Complexes and Their Cytotoxic Evaluation. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 5072-5085	5.1	18
419	Antitumor activity of Pd(II) complexes with N,S or O,S coordination modes of acylthiourea ligands. <i>Polyhedron</i> , <b>2020</b> , 184, 114543	2.7	8
418	Cytotoxicity of ruthenium-N,N-disubstituted-N'-acylthioureas complexes. <i>Materials Science and Engineering C</i> , <b>2020</b> , 115, 111106	8.3	3
417	Ruthenium(II) Phosphine/Mercapto Complexes: Their in Vitro Cytotoxicity Evaluation and Actions as Inhibitors of Topoisomerase and Proteasome Acting as Possible Triggers of Cell Death Induction. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 15004-15018	5.1	9
416	Crystal structures and DFT analysis of Palladium(II) complexes with Schiff bases derived from N,N-dialkyl-p-phenylenediamines. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1204, 127549	3.4	9
415	Non-mutagenic Ru(ii) complexes: cytotoxicity, topoisomerase IB inhibition, DNA and HSA binding. <i>Dalton Transactions</i> , <b>2019</b> , 48, 14885-14897	4.3	13
414	A Mixed Ligand Platinum(II) Complex: Spectral Analysis, Crystal Structure, Steric Demand of the Ligand, and Bioactivity of cis-[Pt(PPh <sub>3</sub> ) <sub>2</sub> (L1-O,S)]PF <sub>6</sub> (L1-O,S = N,N-Morpholine-N'-benzoylthiourea). <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 2583-2590	2.3	8
413	Magnetic-field-tuned phase transition of a molecular material from the isolated-spin to the coupled-spin regime. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 4394-4407	3.6	2
412	Light-activated generation of nitric oxide (NO) and sulfite anion radicals (SO <sub>3</sub> <sup>-</sup> ) from a ruthenium(ii) nitrosylsulphito complex. <i>Dalton Transactions</i> , <b>2019</b> , 48, 10812-10823	4.3	7
411	Crystal structure of a lapacholate complex with Co(II), a potential antibacterial pharmaceutical. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1180, 792-797	3.4	1
410	cis-bis(N-benzoyl-N',N'-dibenzylthioureido)platinum(II): Synthesis, molecular structure and its interaction with human and bovine serum albumin. <i>Arabian Journal of Chemistry</i> , <b>2019</b> , 12, 3454-3462	5.9	12
409	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> , <b>2018</b> , 186, 147-156	4.2	25
408	Carbonyl-heterobimetallic Ru(II)/Fe(II)-complexes containing polypyridyl ligands: Synthesis, characterization, cellular viability assays and interactions with biomolecules. <i>Archives of Biochemistry and Biophysics</i> , <b>2018</b> , 660, 156-167	4.1	4
407	The trans-[Ru(PPh)(N,N-dimethyl-N'-thiophenylthioureato-kO,S)(bipy)]PF complex has pro-apoptotic effects on triple negative breast cancer cells and presents low toxicity in vivo. <i>Journal of Inorganic Biochemistry</i> , <b>2018</b> , 186, 70-84	4.2	11

406	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> , <b>2017</b> , 124, 184-190	2.7	2
405	Palladium(II)/N, N-disubstituted-N'-acylthioureas complexes as anti- Mycobacterium tuberculosis and anti- Trypanosoma cruzi agents. <i>Polyhedron</i> , <b>2017</b> , 132, 70-77	2.7	18
404	Understanding the conformational changes and molecular structure of furoyl thioureas upon substitution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 176, 8-17	4.4	25
403	Synthesis, Structural Characterization and Biological Evaluation of Rhenium(I) Tricarbonyl Complexes with $\pi$ -Carboline Ligands.. <i>ChemistrySelect</i> , <b>2017</b> , 2, 8666-8672	1.8	11
402	Half sandwich Ru(II)-acylthiourea complexes: DNA/HSA-binding, anti-migration and cell death in a human breast tumor cell line. <i>Dalton Transactions</i> , <b>2017</b> , 46, 12865-12875	4.3	40
401	Anti-Mycobacterium tuberculosis activity of platinum(II)/N,N-disubstituted-N'-acyl thiourea complexes. <i>Inorganic Chemistry Communication</i> , <b>2016</b> , 63, 74-80	3.1	28
400	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> , <b>2016</b> , 156, 153-63	4.2	43
399	Crystal structure and catalytic activity of ruthenium (II)/dithiocarbamate complexes in the epoxidation of cyclooctene. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 429, 237-242	2.7	8
398	Synthesis, structure, magnetism, and hydrolase and catecholase activity of a new trinuclear copper(II) complex. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 435, 153-158	2.7	18
397	Structural and spectroscopic characterization of isotopic sodium, rubidium and cesium acesulfamates. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2015</b> , 70, 491-496 <sup>1</sup>		13
396	Calix[4]arene amine modified silica: from fundamentals to new recyclable materials for the removal of chlorophenoxy acids from water. <i>RSC Advances</i> , <b>2015</b> , 5, 33524-33535	3.7	1
395	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> , <b>2015</b> , 150, 63-71	4.2	61
394	Synthesis, characterization, hydrolase and catecholase activity of a dinuclear iron(III) complex: Catalytic promiscuity. <i>Journal of Inorganic Biochemistry</i> , <b>2015</b> , 146, 77-88	4.2	38
393	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> , <b>2015</b> , 1087, 80-87	3.4	8
392	Secondary coordination sphere effects in ruthenium(III) tetraammine complexes: role of the coordinated water molecule. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 2067-80	5.1	10
391	On the cytotoxic activity of Pd(II) complexes of N,N-disubstituted-N'-acyl thioureas. <i>Journal of Inorganic Biochemistry</i> , <b>2014</b> , 134, 76-82	4.2	48
390	Asymmetric construction of substituted pyrrolidines via 1,3-dipolar cycloaddition of azomethine ylides and chiral acrylates derived from biomass. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 2394-2397	2	10
389	A polymeric europium complex with the ligand thiophene-2-carboxylic acid: Synthesis, structural and spectroscopic characterization. <i>Polyhedron</i> , <b>2014</b> , 67, 65-72	2.7	24

388	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> , <b>2014</b> , 53, 2943-52	5.1	22
387	PAMAM dendrimers functionalized with ruthenium nitrosyl as nitric oxide carriers. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 409, 147-155	2.7	24
386	Three new mononuclear group 12 complexes with benzimidazole. <i>Journal of Coordination Chemistry</i> , <b>2014</b> , 67, 1380-1391	1.6	6
385	Highly constrained guests in complexes of p-tert-butylcalix[6]arene dianion: Pentane-1,5-diammonium and choline. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1067, 88-93	3.4	4
384	New mononuclear copper(II) complex based on a salen derivative ligand with an unusual coordination and its catecholase activity. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 37, 34-38	3.1	18
383	Second-coordination-sphere effects increase the catalytic efficiency of an extended model for Fe(III)M(II) purple acid phosphatases. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 3594-6	5.1	25
382	Thiosaccharine disulfide: Synthesis, crystal structure, spectroscopic characterization and theoretical study. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1032, 48-55	3.4	1
381	Cis-Trans isomerization in the syntheses of ruthenium cyclam complexes with nitric oxide. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 15, 93-96	3.1	4
380	From pyridoxalrhodanine to a novel 7-azacoumarin complex of dimethylthallium(III) in a one-pot synthesis. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 19, 55-57	3.1	1
379	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> , <b>2012</b> , 50, 163-72	6.8	53
378	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> , <b>2012</b> , 31, 249-254	2.7	
377	Terbium(III) and dysprosium(III) 8-connected 3D networks containing 2,5-thiophenedicarboxylate anion: Crystal structures and photoluminescence studies. <i>Polyhedron</i> , <b>2012</b> , 38, 149-156	2.7	31
376	A broad study of two new promising antimycobacterial drugs: Ag(I) and Au(I) complexes with 2-(2-thienyl)benzothiazole. <i>Polyhedron</i> , <b>2012</b> , 38, 291-296	2.7	34
375	Complexation of 2-acetylpyridine- and 2-benzoylpyridine-derived hydrazones to copper(II) as an effective strategy for antimicrobial activity improvement. <i>Polyhedron</i> , <b>2012</b> , 38, 285-290	2.7	38
374	Spectroscopic, structural, and conformational properties of (Z)-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 aminoenone. <i>Journal of Physical Chemistry A</i> , <b>2012</b> , 116, 1110-8	2.8	9
373	Design of a dinuclear nickel(II) bioinspired hydrolase to bind covalently to silica surfaces: synthesis, magnetism, and reactivity studies. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 6104-15	5.1	18
372	Structural, spectral and potentiometric characterization, and antimicrobial activity studies of [Zn(phen) <sub>2</sub> (cnge)(H <sub>2</sub> O)](NO <sub>3</sub> ) <sub>2</sub> · H <sub>2</sub> O. <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 2304-2318	1.6	7
371	Crystal structure and spectroscopic properties of polymeric adducts of the tetra-haloaspirinate-dicopper(II). <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 2341-2352	1.6	5

370	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> , <b>2011</b> , 64, 3560-3574	1.6	5
369	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> , <b>2011</b> , 115, 6922-34	3.4	19
368	Analgesic and anti-inflammatory activities of salicylaldehyde 2-chlorobenzoyl hydrazone (H(2)LASSBio-466), salicylaldehyde 4-chlorobenzoyl hydrazone (H(2)LASSBio-1064) and their zinc(II) complexes. <i>Molecules</i> , <b>2011</b> , 16, 6902-15	4.8	36
367	Bioinspired FeIII CdII and FeIII HgII complexes: synthesis, characterization and promiscuous catalytic activity evaluation. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 1740-52	4.2	12
366	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> , <b>2011</b> , 46, 3616-22	6.8	35
365	Nitrosyl induces phosphorous-acid dissociation in ruthenium(II). <i>Dalton Transactions</i> , <b>2011</b> , 40, 12917-25	4.3	9
364	The mer-[RuCl <sub>3</sub> (dppb)(H <sub>2</sub> O)] complex: A versatile tool for synthesis of RuII compounds. <i>Polyhedron</i> , <b>2011</b> , 30, 41-46	2.7	11
363	Binuclear zinc(II) complexes with the anti-inflammatory compounds salicylaldehyde semicarbazone and salicylaldehyde-4-chlorobenzoyl hydrazone (H <sub>2</sub> LASSBio-1064). <i>Polyhedron</i> , <b>2011</b> , 30, 1891-1898	2.7	35
362	Experimental and theoretical study of the kinetics of dissociation in cis-[RuCl <sub>2</sub> (P-P)(N-N)] type complexes. <i>Journal of the Brazilian Chemical Society</i> , <b>2010</b> , 21, 1992-1999	1.5	6
361	Synthesis and structural characterization of a new polymeric zinc(II) complex with thiophene-2-carboxylic acid. <i>Journal of Coordination Chemistry</i> , <b>2010</b> , 63, 2278-2285	1.6	3
360	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> , <b>2010</b> , 49, 2173-81	5.1	5
359	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> , <b>2010</b> , 49, 3057-63	5.1	16
358	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> , <b>2010</b> , 49, 11421-38	5.1	69
357	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> , <b>2010</b> , 39, 3931-43	4.3	6
356	Coordination of nitro-thiosemicarbazones to ruthenium(II) as a strategy for anti-trypanosomal activity improvement. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 2847-53	6.8	32
355	Superoxidedismutase-mimetic copper(II) complexes containing saccharinate and 4-aminopyridine/4-cyanopyridine. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2010</b> , 24, 20-6	4.1	5
354	Cyclocreatine, an anticancer and neuroprotective agent. Spectroscopic, structural and theoretical study. <i>Journal of Molecular Structure</i> , <b>2010</b> , 975, 303-309	3.4	2
353	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> , <b>2010</b> , 104, 489-95	4.2	24

352	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> , <b>2010</b> , 104, 533-40	4.2	64
351	Dependence of the product on the P $\beta$ ligand in reactions of [RuCl <sub>3</sub> (NO)(P $\beta$ )] complexes (P $\beta$ =aromatic diphosphines) with 2-mercaptopyridine. <i>Polyhedron</i> , <b>2010</b> , 29, 280-287	2.7	11
350	On the synthesis and structures of the complexes [RuCl(L)(dppb)(N $\beta$ )]PF <sub>6</sub> (L=CO, py or 4-NH <sub>2</sub> py; dppb=1,4-bis(diphenylphosphino)butane; N $\beta$ =2,2'-bipyridine or 1,10-phenanthroline) and [(dppb)(CO)Cl <sub>2</sub> -Ru-pz-RuCl <sub>2</sub> (CO)(dppb)] (pz=pyrazine). <i>Polyhedron</i> , <b>2010</b> , 29, 2297-2303	2.7	16
349	Synthesis, molecular structure and physicochemical properties of bis(3'-azido-3'-deoxythymidin-5'-yl) carbonate. <i>Journal of Molecular Structure</i> , <b>2010</b> , 970, 59-65	3.4	4
348	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> , <b>2010</b> , 975, 227-233	3.4	3
347	Antimycobacterial and antitumor activities of palladium(II) complexes containing isonicotinamide (isn): X-ray structure of trans-[Pd(N <sub>3</sub> ) <sub>2</sub> (isn) <sub>2</sub> ]. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 4863-8 <sup>6.8</sup>	6.8	43
346	Catecholase and DNase activities of copper(II) complexes containing phenolate-type ligands. <i>Journal of Physical Organic Chemistry</i> , <b>2010</b> , 23, 1000-1013	2.1	16
345	Copper(II) and zinc(II) complexes with 2-benzoylpyridine-methyl hydrazone. <i>Journal of Molecular Structure</i> , <b>2009</b> , 920, 97-102	3.4	99
344	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> , <b>2009</b> , 930, 43-48	3.4	3
343	Spectroscopic Investigation on the Formation of a Dinuclear Me <sub>2</sub> SORu <sub>2</sub> -Mercaptopyridine Bridged Complex: [Ru <sub>2</sub> Cl <sub>3</sub> (EpyS)(EdmsO)(dmsO) <sub>4</sub> ] · 2H <sub>2</sub> O. <i>Journal of Chemical Crystallography</i> , <b>2009</b> , 39, 519-524	0.5	4
342	Synthesis and Structural Analysis of New Palladium(II) Thiosaccharinates with Triphenylphosphane or Diphosphanes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, 1604-1612	1.3	14
341	Reactions of 1,2,5-thiadiazole 1,1-dioxide derivatives with nitrogen nucleophiles. Part IV. Addition of $\beta$ -diamines. <i>Journal of Physical Organic Chemistry</i> , <b>2009</b> , 22, 163-169	2.1	6
340	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> , <b>2009</b> , 918, 146-153	3.4	16
339	Vanadium complexes with 2-pyridineformamide thiosemicarbazones: In vitro studies of insulin-like activity. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 414-420	2.7	54
338	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 <sub>4</sub> (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> , <b>2009</b> , 362, 2900-2908	2.7	22
337	Vanadium complexes with thiosemicarbazones: Synthesis, characterization, crystal structures and anti-Mycobacterium tuberculosis activity. <i>Polyhedron</i> , <b>2009</b> , 28, 398-406	2.7	76
336	Diphenyllead(IV) thiosemicarbazones and pyrazolonates: Synthesis and characterization. <i>Polyhedron</i> , <b>2009</b> , 28, 1029-1039	2.7	11
335	N $\beta$ -SC hydrogen bond in O-alkyl N-methoxycarbonyl thiocarbamates, ROC(S)N(H)C(O)OCH <sub>3</sub> (R=CH <sub>3</sub> □ CH <sub>3</sub> CH <sub>2</sub> ) <i>Polyhedron</i> , <b>2009</b> , 28, 937-946	2.7	38



334	Driving forces in substitution reactions of octahedral complexes: The influence of the competitive effect. <i>Polyhedron</i> , <b>2009</b> , 28, 3473-3478	2.7	11
333	Copper(II) and zinc(II) complexes with 2-formylpyridine-derived hydrazones. <i>Polyhedron</i> , <b>2009</b> , 28, 3797-3803	6.8	68
332	Structural studies on zinc(II) complexes with 2-benzoylpyridine-derived hydrazones. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 2117-2122	2.7	33
331	Ionic recognition by 7-nitro-1,3,5-triaza adamantane: first thermodynamic study. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 4775-80	3.4	10
330	On an electrode modified by a supramolecular ruthenium mixed valence (Ru(II)/Ru(III)) diphosphine-porphyrin assembly. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 4692-700	5.1	15
329	Synthesis, characterization, crystal structure, and biological studies of vanadium complexes with glycolic acid. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 1561-1571	1.6	38
328	Two New Supramolecular Assemblies Obtained by Reaction Between Saccharin and Long-chain Diamines. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2009</b> , 64, 1041-1045	1	
327	Reactivity and spectroscopy of the {Ru(DMAP) <sub>5</sub> } fragment: an {Ru(NH <sub>3</sub> ) <sub>5</sub> } analogue. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 2416-27	5.1	20
326	Combined crystallographic and solution molecular dynamics study of allosteric effects in ester and ketone p-tert-butylcalix[4]arene derivatives and their complexes with acetonitrile, Cd(II), and Pb(II). <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 11885-94	2.8	11
325	Cyclam kappa <sup>4</sup> to kappa <sup>3</sup> ligand denticity change upon mono-n-substitution with a carboxypropyl pendant arm in a ruthenium nitrosyl complex. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 4118-25	5.1	12
324	Crystal and Molecular Structure of Dinuclear Palladium(II) Complex Containing Nitrogen and Phosphorus Donor Ligands, [Pd <sub>2</sub> (N <sub>3</sub> ) <sub>4</sub> (PPh <sub>3</sub> ) <sub>2</sub> (.MU.-ted)]. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , <b>2008</b> , 24, X149-X150		1
323	Hydrothermal Synthesis and Crystal Structure of a Copper(II) Coordination Polymer with Bridging Dicarboxylate and Diamine Ligands. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , <b>2008</b> , 24, X69-X70		
322	Sobre uma degenerescência acidental nos deslocamentos químicos de RMN de <sup>31</sup> P{ <sup>1</sup> H} em complexos difosfínicos de rutênio. <i>Química Nova</i> , <b>2008</b> , 31, 807-812	1.6	10
321	Structural and spectroscopic characterization of 2,2'-methylene-di-8-quinolinol dihydrochloride dihydrate. <i>Journal of Molecular Structure</i> , <b>2008</b> , 892, 216-219	3.4	3
320	Structure and thermal reactivity of Zn(II) salts of isocinchomeric acid (2,5-pyridinedicarboxylic acid). <i>Structural Chemistry</i> , <b>2008</b> , 19, 651-657	1.8	13
319	Novel manganese (III) porphyrin containing peripheral [RuCl(dppb)(X-bipy)] <sup>+</sup> cations [dppb=1,4-bis(diphenylphosphino)butane and X=CH <sub>3</sub> , OMe, Cl]. X-ray structure of the cis-[RuCl(dppb)(bipy)(4-Mepy)]PF <sub>6</sub> complex. <i>Polyhedron</i> , <b>2008</b> , 27, 53-58	2.7	10
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118	Cadmium(II) Complexes of 2,6-Diacetylpyridine Bis- and Monothiosemicarbazones. The crystal structure of aquodichloro(2,6-diacetylpyridine monothiosemicarbazone-N,N',O,S)cadmium(II) monohydrate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1997</b> , 623, 825-831	1.3	14
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17	Transition dipole-dipole coupling between the NO stretching vibrations of nitroprusside ions in Sr. <i>Physical Review B</i> , <b>1986</b> , 33, 5818-5824	3-3	11
16	The disordered structures of the addition compounds of europium and lanthanum perchlorates with diphenylphosphinamide. <i>Inorganica Chimica Acta</i> , <b>1985</b> , 109, 33-37	2.7	8
15	Synthesis and crystal structure of hexa( $\beta$ -trifluoroacetato)tetrakis(tetramethylenesulfoxide)dilanthanum(III) polymer and tetra( $\beta$ -trifluoroacetato)bis(trifluoroacetato)tetrakis(tetramethylenesulfoxide)dineodymium(III). <i>Inorganica Chimica Acta</i> , <b>1985</b> , 110, 77-81	2.7	10
14	(2,2'-Bipyridine)bromo(triphenylphosphine)copper(I), $[CuBr(C_{10}H_8N_2)\{P(C_6H_5)_3\}]$ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1985</b> , 41, 204-206		4
13	On the classical interpretation of thermal probability ellipsoids and the Debye-Waller factor. <i>Acta Crystallographica Section A: Foundations and Advances</i> , <b>1985</b> , 41, 156-157		6
12	NiBr <sub>2</sub> complexes with triphenylarsine oxide (Ph <sub>3</sub> AsO). Two new interesting structures. <i>Inorganica Chimica Acta</i> , <b>1984</b> , 89, 9-17	2.7	8
11	4-Hydroxy-4-phenylpentanamide, C <sub>11</sub> H <sub>15</sub> NO <sub>2</sub> , a moderately active anticonvulsant. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1984</b> , 40, 685-687		1

10	Structural studies on the dichlorocarbene adducts with (1R)-carvone. I. The crystal structures of [1R, 4R, 6R, 9R]-7,7-dichloro-1-methyl-4-[2,2-dichloro-1-methylcyclopropyl]-bicyclo[4.1.0]-heptan-2-one and [1R, 4R, 6R, 9S]-7,7-dichloro-1-methyl-4-[2,2-dichloro-1-methylcyclopropyl]-bicyclo[4.1.0]-heptan-2-one.	0.9	4
9	Synthesis, crystal and molecular structure, and spectroscopic properties of tris(2,2'-bipyridyl)iron(II) nitroprusside tetrahydrate, [Fe(bpy) <sub>3</sub> ][Fe(CN) <sub>5</sub> NO].4H <sub>2</sub> O. <i>Inorganic Chemistry</i> , <b>1984</b> , 23, 948-952	5.1	35
8	Hydrogen bonding in the crystal structures of the adducts between 1-phenyl-3,5-dimethylpyrazole with oxalic and perchloric acids. <i>Canadian Journal of Chemistry</i> , <b>1984</b> , 62, 725-728	0.9	12
7	The infrared and Raman spectra of potassium azidopentacyanocobaltate(III) dihydrate: K <sub>3</sub> [Co(CN) <sub>5</sub> N <sub>3</sub> ].2H <sub>2</sub> O. <i>Journal of Crystallographic and Spectroscopic Research</i> , <b>1983</b> , 13, 107-125		5
6	The crystal structure of 1-phenyl-3,5-dimethyl pyrazolium nitrate. <i>Canadian Journal of Chemistry</i> , <b>1982</b> , 60, 97-99	0.9	6
5	TGA-DTA, infrared and x-ray powder diffraction studies on strontium nitroprusside and its hydrates. <i>Journal of Molecular Structure</i> , <b>1981</b> , 70, 241-254	3.4	30
4	Stereochemistry of tri-n-sulphonylhexahydro-s-triazines. <i>Tetrahedron</i> , <b>1978</b> , 34, 3413-3418	2.4	6
3	Analytical description of force-time and force-velocity relations of isometric contractions in feline isolated heart muscle and in the intact heart. <i>Circulation Research</i> , <b>1978</b> , 42, 686-93	15.7	2
2	Ruthenium(II)-mercapto Complexes with Anticancer Activity Interact with Topoisomerase IB. <i>Journal of the Brazilian Chemical Society</i> ,	1.5	2
1	Half-Sandwich Ru(II) Anticancer Complexes Containing Triphenylphosphine and p-Substituted Benzoic Acids. <i>Journal of the Brazilian Chemical Society</i> ,	1.5	3