

Eduardo Ernesto Castellano

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#	Paper	IF	Citations
423	Synthetic chalcones, flavanones, and flavones as antitumoral agents: biological evaluation and structure-activity relationships. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 3356-67	3.4	225
422	Novel antitrypanosomal agents based on palladium nitrofurylthiosemicarbazone complexes: DNA and redox metabolism as potential therapeutic targets. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 3322-31	8.3	151
421	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	4.2	147
420	Ruthenium Nitrosyl Complexes with N-Heterocyclic Ligands. <i>Inorganic Chemistry</i> , 1998 , 37, 2670-2677	5.1	115
419	An unprecedented Fe(III)(μ -OH)Zn(II) complex that mimics the structural and functional properties of purple acid phosphatases. <i>Journal of the American Chemical Society</i> , 2007 , 129, 7486-7	16.4	110
418	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 semicarbazone)]. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 443-51	4.2	103
417	Copper(II) and zinc(II) complexes with 2-benzoylpyridine-methyl hydrazone. <i>Journal of Molecular Structure</i> , 2009 , 920, 97-102	3.4	99
416	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, 12824-36	16.4	84
415	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	4.2	77
414	Vanadium complexes with thiosemicarbazones: Synthesis, characterization, crystal structures and anti-Mycobacterium tuberculosis activity. <i>Polyhedron</i> , 2009 , 28, 398-406	2.7	76
413	Electronic structure and spectro-structural correlations of Fe(III)Zn(II) biomimetics for purple acid phosphatases: relevance to DNA cleavage and cytotoxic activity. <i>Inorganic Chemistry</i> , 2010 , 49, 11421-38	5.1	69
412	Copper(II) and zinc(II) complexes with 2-formylpyridine-derived hydrazones. <i>Polyhedron</i> , 2009 , 28, 3797-3803	3.8	68
411	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		67
410	New Vanadium(V) Complexes with Salicylaldehyde Semicarbazone Derivatives: Synthesis, Characterization, and in vitro Insulin-Mimetic Activity [Crystal Structure of [VVO ₂ (salicylaldehyde semicarbazone)]. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 322-328	2.3	65
409	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, 533-40	4.2	64
408	Synthesis, structure and properties of unsymmetrical alkoxo-dicopper(II) complexes: biological relevance to phosphodiester and DNA cleavage and cytotoxic activity. <i>Inorganica Chimica Acta</i> , 2005 , 358, 1807-1822	2.7	62
407	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	4.2	61

406	Structural transition and pair formation in Fe ₃ O ₂ BO ₃ . <i>Physical Review Letters</i> , 2001 , 87, 147201	7.4	61
405	Set-up and experimental parameters of the protein crystallography beamline at the Brazilian National Synchrotron Laboratory. <i>Journal of Synchrotron Radiation</i> , 1998 , 5, 72-6	2.4	58
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403	A gold(I) complex with a vitamin K3 derivative: characterization and antitumoral activity. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 1858-60	4.2	55
402	Vanadium complexes with 2-pyridineformamide thiosemicarbazones: In vitro studies of insulin-like activity. <i>Inorganica Chimica Acta</i> , 2009 , 362, 414-420	2.7	54
401	Synthesis and biological properties of new 5-nitroindazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 3197-207	3.4	54
400	Diorganotin(IV) derivatives of salicylaldehydethiosemicarbazone. The crystal structure of dimethyl- and diphenyl- (salicylaldehydethiosemicarbazonato)tin(IV). <i>Inorganica Chimica Acta</i> , 1994 , 216, 169-175	2.7	54
399	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, 163-72	6.8	53
398	Metal complexes of 2-benzoylpyridine semicarbazone: Spectral, electrochemical and structural studies. <i>Journal of Molecular Structure</i> , 2006 , 794, 18-23	3.4	53
397	Ruthenium Phosphine/Diimine Complexes: Syntheses, Characterization, Reactivity with Carbon Monoxide, and Catalytic Hydrogenation of Ketones. <i>Organometallics</i> , 2005 , 24, 6159-6168	3.8	52
396	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		52
395	Synthesis and characterization of three new Cu(II)-dipeptide complexes. <i>Journal of Inorganic Biochemistry</i> , 2002 , 89, 174-80	4.2	51
394	Cadmium coordination chemistry related to chelate therapy. <i>Inorganica Chimica Acta</i> , 1989 , 158, 119-126	2.7	51
393	Zinc(II), cadmium(II) and mercury(II) complexes of the vitamin B1 antagonist oxythiamine. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 124-32	4.2	50
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391	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, 771-82	6.8	50
390	On the cytotoxic activity of Pd(II) complexes of N,N-disubstituted-N'-acyl thioureas. <i>Journal of Inorganic Biochemistry</i> , 2014 , 134, 76-82	4.2	48
389	Synthesis, characterization, X-ray structure and preliminary in vitro antitumor activity of the nitrosyl complex fac-[RuCl ₃ (NO)(dppf)], dppf=1,1'-bis(diphenylphosphine)ferrocene. <i>Polyhedron</i> , 2007 , 26, 4707-4712	2.7	46

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