

Alexandre Cuin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Silver complexes with sulfathiazole and sulfamethoxazole: Synthesis, spectroscopic characterization, crystal structure and antibacterial assays. <i>Polyhedron</i> , 2015, 85, 437-444.	2.2	62
2	Synthesis, X-ray structure and antimycobacterial activity of silver complexes with α -hydroxycarboxylic acids. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 291-296.	3.5	49
3	6-Mercaptopurine complexes with silver and gold ions: Anti-tuberculosis and anti-cancer activities. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 334-338.	5.6	44
4	Crystal structure and theoretical studies of the keto-enol isomerism of N,N'-bis(salicylidene)-o-phenylenediamine (salophen). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 99, 110-115.	3.9	44
5	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
6	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
7	Energy transfer process in highly photoluminescent binuclear hydrocinnamate of europium, terbium and gadolinium containing 1,10-phenanthroline as ancillary ligand. <i>Inorganica Chimica Acta</i> , 2016, 441, 67-77.	2.4	40
8	Synthesis, crystallographic studies, high resolution mass spectrometric analyses and antibacterial assays of silver(I) complexes with sulfoxazole and sulfadimethoxine. <i>Polyhedron</i> , 2017, 121, 172-179.	2.2	36
9	Coordinative versatility of a Schiff base containing thiophene: Synthesis, characterization and biological activity of zinc(II) and silver(I) complexes. <i>Polyhedron</i> , 2014, 79, 170-177.	2.2	35
10	Physicochemical Properties of Sildenafil Citrate (Viagra) and Sildenafil Base. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 2140-2143.	3.3	34
11	Synthesis, crystal structures, antimicrobial, antifungal and antituberculosis activities of mixed ligand silver(I) complexes. <i>Polyhedron</i> , 2013, 62, 138-147.	2.2	32
12	Synthesis, structures and spectroscopy of three new lanthanide β^2 -diketonate complexes with 4,4'-dimethyl-2,2'-bipyridine. Near-infrared electroluminescence of ytterbium(III) complex in OLED. <i>Inorganica Chimica Acta</i> , 2019, 484, 60-68.	2.4	31
13	High selective antileishmanial activity of vanadium complex with stilbene derivative. <i>Acta Tropica</i> , 2015, 148, 120-127.	2.0	30
14	Silver(I) and gold(I) complexes with penicillamine: Synthesis, spectroscopic characterization and biological studies. <i>Polyhedron</i> , 2012, 34, 210-214.	2.2	29
15	Synthesis, spectroscopic characterization, crystallographic studies and antibacterial assays of new copper(II) complexes with sulfathiazole and nimesulide. <i>Journal of Molecular Structure</i> , 2016, 1112, 14-20.	3.6	26
16	Elucidating the energy transfer process in mononuclear and binuclear lanthanide complexes of the anti-inflammatory drug ibuprofen: From synthesis to high luminescence emission. <i>Journal of Luminescence</i> , 2017, 181, 196-210.	3.1	25
17	Efficient development of a magnetic molecularly imprinted polymer for selective determination of trimethoprim and sulfamethoxazole in milk. <i>Microchemical Journal</i> , 2020, 154, 104648.	4.5	25
18	Silver(I) complexes with symmetrical Schiff bases: Synthesis, structural characterization, DFT studies and antimycobacterial assays. <i>Polyhedron</i> , 2013, 62, 104-109.	2.2	22

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19	Gold complexes with benzimidazole derivatives: synthesis, characterization and biological studies. <i>BioMetals</i> , 2014, 27, 183-194.	4.1	22
20	Changes on transmittance mode of different composite resins. <i>Materials Research</i> , 2009, 12, 127-132.	1.3	20
21	Crystal structure, spectroscopic characterization and antibacterial activities of a silver complex with sulfameter. <i>Journal of Molecular Structure</i> , 2016, 1125, 609-615.	3.6	17
22	VOSalophen: a vanadium complex with a stilbene derivative—induction of apoptosis, autophagy, and efficiency in experimental cutaneous leishmaniasis. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 929-939.	2.6	16
23	Silver sulfadoxinate: Synthesis, structural and spectroscopic characterizations, and preliminary antibacterial assays in vitro. <i>Journal of Molecular Structure</i> , 2015, 1082, 180-187.	3.6	15
24	Investigation of Tin(II)2,3-naphthalocyanine molecule used as near-infrared sensitive layer in organic up-conversion devices. <i>Optical Materials</i> , 2017, 69, 54-60.	3.6	15
25	Copper(II), palladium(II) and platinum(II) complexes with 2,2-thiophen-yl-imidazole: Synthesis, spectroscopic characterization, X-ray crystallographic studies and interactions with calf-thymus DNA. <i>Inorganica Chimica Acta</i> , 2016, 443, 304-315.	2.4	13
26	New Class of Organic Hole-Transporting Materials Based on Xanthene Derivatives for Organic Electronic Applications. <i>Journal of Physical Chemistry C</i> , 2017, 121, 12999-13007.	3.1	13
27	Synthesis and characterization of solid molybdenum(VI) complexes with glycolic, mandelic and tartaric acids. Photochemistry behaviour of the glycolate molybdenum complex. <i>Journal of Coordination Chemistry</i> , 2007, 60, 1933-1940.	2.2	12
28	Silver(I) and zinc(II) complexes with symmetrical cinnamaldehyde Schiff base derivative: Spectroscopic, powder diffraction characterization, and antimycobacterial studies. <i>Polyhedron</i> , 2018, 146, 166-171.	2.2	12
29	Synthesis and crystal structure of a palladium(II) complex with the amino acid L-citrulline. <i>Powder Diffraction</i> , 2015, 30, 357-361.	0.2	9
30	Three new mononuclear group 12 complexes with benzimidazole. <i>Journal of Coordination Chemistry</i> , 2014, 67, 1380-1391.	2.2	6
31	A Silver Complex with Cycloserine: Synthesis, Spectroscopic Characterization, Crystal Structure and In Vitro Biological Studies. <i>ChemistrySelect</i> , 2018, 3, 1719-1726.	1.5	6
32	Competition between humic substances and alpha-amino acids by metal species. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 437-440.	0.6	6
33	Sildenafil citrate (Viagra) complexes with bivalent ions. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 225-227.	3.3	3
34	Crystal structures of N,N' -bis(thiophen-2-ylmethyl)ethane-1,2-diaminium hydrochloride and of its $[AuCl_4]^-$ salt solved by powder diffraction. <i>Powder Diffraction</i> , 2014, 29, 300-306.	0.2	3
35	Synthesis, vibrational spectroscopy and X-ray structural characterization of novel NIR emitter squaramides. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117354.	3.9	3
36	Promising Ag(I) complexes with N-acylhydrazones from aromatic aldehydes and isoniazid against multidrug resistance in tuberculosis. <i>Journal of Molecular Structure</i> , 2021, 1234, 130193.	3.6	3

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37	Crystal structure and cytotoxic activities of a bis(pyrrolyl-imine) gold(III) complex. Journal of Coordination Chemistry, 2016, 69, 2707-2722.	2.2	2
38	M ^{II} (M = Mn, Fe, Co, Ni and Cu) complexes with a chromone-derived neutral ligand: synthesis, structural characterization, photocatalytic and mycobacterial activity studies. New Journal of Chemistry, 2022, 46, 2534-2545.	2.8	2
39	Synthesis and structure of a praseodymium (III) complex with carboxylate ligand: A thermal and spectroscopic study. Journal of Rare Earths, 2018, 36, 1090-1097.	4.8	1
40	Chemical Characterization and Human Health Risk Assessment Analysis of Cd, Cr, Fe, Mn and Zn Contents in Street Dust from Different Urban Sites in Minas Gerais State, Southeastern Brazil. Brazilian Journal of Analytical Chemistry, 2020, 7, .	0.5	1
41	Powder X-ray characterization of djenkolic acid. Powder Diffraction, 2001, 16, 46-47.	0.2	0
42	Analytical, Spectroscopic and Crystallographic Characterization of 3-[(2 <i>E</i> ,3 <i>E</i>)-3-Phenylprop-2-en-1-ylidene]pentane-2,4-dione. X-ray Structure Analysis Online, 2020, 36, 15-16.	0.2	0