

Alexandre Cuin

List of Publications by Year in descending order

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42
papers

845
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393982

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times ranked

1300
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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.	1.0	62
2	Synthesis, X-ray structure and antimycobacterial activity of silver complexes with $\hat{\pm}$ -hydroxycarboxylic acids. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 291-296.	1.5	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.	2.5	44
4	Crystal structure and theoretical studies of the keto-enol isomerism of N,N $\hat{\epsilon}$ ² -bis(salicylidene)-o-phenylenediamine (salophen). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 99, 110-115.	2.0	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.	1.0	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.	0.8	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.	1.2	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.	1.0	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.	1.0	35
10	Physicochemical Properties of Sildenafil Citrate (Viagra) and Sildenafil Base. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 2140-2143.	1.6	34
11	Synthesis, crystal structures, antimicrobial, antifungal and antituberculosis activities of mixed ligand silver(I) complexes. <i>Polyhedron</i> , 2013, 62, 138-147.	1.0	32
12	Synthesis, structures and spectroscopy of three new lanthanide $\hat{1}^2$ -diketonate complexes with 4,4 $\hat{\epsilon}$ ² -dimethyl-2,2 $\hat{\epsilon}$ ² -bipyridine. Near-infrared electroluminescence of ytterbium(III) complex in OLED. <i>Inorganica Chimica Acta</i> , 2019, 484, 60-68.	1.2	31
13	High selective antileishmanial activity of vanadium complex with stilbene derivative. <i>Acta Tropica</i> , 2015, 148, 120-127.	0.9	30
14	Silver(I) and gold(I) complexes with penicillamine: Synthesis, spectroscopic characterization and biological studies. <i>Polyhedron</i> , 2012, 34, 210-214.	1.0	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.	1.8	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.	1.5	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.	2.3	25
18	Silver(I) complexes with symmetrical Schiff bases: Synthesis, structural characterization, DFT studies and antimycobacterial assays. <i>Polyhedron</i> , 2013, 62, 104-109.	1.0	22

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19	Gold complexes with benzimidazole derivatives: synthesis, characterization and biological studies. <i>BioMetals</i> , 2014, 27, 183-194.	1.8	22
20	Changes on transmittance mode of different composite resins. <i>Materials Research</i> , 2009, 12, 127-132.	0.6	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.	1.8	17
22	VOSalophen: a vanadium complex with a stilbene derivativeâ€™induction of apoptosis, autophagy, and efficiency in experimental cutaneous leishmaniasis. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 929-939.	1.1	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.	1.8	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.	1.7	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.	1.2	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.	1.5	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.	0.8	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.	1.0	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.	0.4	9
30	Three new mononuclear group 12 complexes with benzimidazole. <i>Journal of Coordination Chemistry</i> , 2014, 67, 1380-1391.	0.8	6
31	A Silver Complex with Cycloserine: Synthesis, Spectroscopic Characterization, Crystal Structure and In Vitro Biological Studies. <i>ChemistrySelect</i> , 2018, 3, 1719-1726.	0.7	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.	1.6	3
34	Crystal structures of N,N^{\prime} -bis(thiophen-2-ylmethyl)ethane-1,2-diaminium hydrochloride and of its $[\text{AuCl}_4]^{-}$ salt solved by powder diffraction. <i>Powder Diffraction</i> , 2014, 29, 300-306.	0.4	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.	2.0	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.	1.8	3

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37	Crystal structure and cytotoxic activities of a bis(pyrrolyl-imine) gold(III) complex. <i>Journal of Coordination Chemistry</i> , 2016, 69, 2707-2722.	0.8	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. <i>New Journal of Chemistry</i> , 2022, 46, 2534-2545.	1.4	2
39	Synthesis and structure of a praseodymium (III) complex with carboxylate ligand: A thermal and spectroscopic study. <i>Journal of Rare Earths</i> , 2018, 36, 1090-1097.	2.5	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. <i>Brazilian Journal of Analytical Chemistry</i> , 2020, 7, .	0.3	1
41	Powder X-ray characterization of djenkolic acid. <i>Powder Diffraction</i> , 2001, 16, 46-47.	0.4	0
42	Analytical, Spectroscopic and Crystallographic Characterization of 3-[(2 <i>E</i>)-3-Phenylprop-2-en-1-ylidene]pentane-2,4-dione. <i>X-ray Structure Analysis Online</i> , 2020, 36, 15-16.	0.1	0