

Charlane C CorrÃªa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Novel antitumor adamantane-azole gold(I) complexes as potential inhibitors of thioredoxin reductase. <i>Journal of Biological Inorganic Chemistry</i> , 2016, 21, 275-292.	2.6	53
2	Novel gold(I) complexes with 5-phenyl-1,3,4-oxadiazole-2-thione and phosphine as potential anticancer and antileishmanial agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 727-739.	5.5	49
3	Transition metal complexes with squarate anion and the pyridyl-donor ligand 1,3-bis(4-pyridyl)propane (BPP): Synthesis, crystal structure and spectroscopic investigation. <i>Polyhedron</i> , 2007, 26, 989-995.	2.2	41
4	Influence of Synthetic Methods in the Structure and Dimensionality of Coordination Polymers. <i>Crystal Growth and Design</i> , 2016, 16, 1606-1616.	3.0	41
5	Synthesis and cytotoxic activity of gold(I) complexes containing phosphines and 3-benzyl-1,3-thiazolidine-2-thione or 5-phenyl-1,3,4-oxadiazole-2-thione as ligands. <i>Inorganica Chimica Acta</i> , 2014, 414, 85-90.	2.4	33
6	Synthesis, structural characterization, luminescent properties and theoretical study of three novel lanthanide metal-organic frameworks of Ho(III), Gd(III) and Eu(III) with 2,5-thiophenedicarboxylate anion. <i>Journal of Solid State Chemistry</i> , 2015, 227, 68-78.	2.9	33
7	First crystal structures of lanthanide-hydrocinnamate complexes: Hydrothermal synthesis and photophysical studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 252, 69-76.	3.9	29
8	Plasmonic photodegradation of textile dye Reactive Black 5 under visible light: a vibrational and electronic study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 371, 159-165.	3.9	28
9	Biosynthesis of silver nanoparticles using <i>Caesalpinia ferrea</i> (Tul.) Martius extract: physicochemical characterization, antifungal activity and cytotoxicity. <i>PeerJ</i> , 2018, 6, e4361.	2.0	28
10	Phosphine/diimine ruthenium complexes with Cl ⁻ , CO, NO ⁺ , NO ₂ ⁻ , NO ₃ ⁻ and pyridine ligands: Pro-apoptotic activity on triple-negative breast cancer cells and DNA/HSA interactions. <i>Polyhedron</i> , 2018, 144, 55-65.	2.2	23
11	Theoretical and experimental spectroscopic studies of the first highly luminescent binuclear hydrocinnamate of Eu(III), Tb(III) and Gd(III) with bidentate 2,2'-bipyridine ligand. <i>Journal of Luminescence</i> , 2014, 148, 307-316.	3.1	22
12	Stereoselective Intermolecular [2 + 2] Cycloadditions of Erlenmeyer-Plätchel Azlactones Using Visible Light Photoredox Catalysis. <i>Journal of Organic Chemistry</i> , 2018, 83, 15144-15154.	3.2	22
13	One-dimensional copper(II) coordination polymers based on carboxylate anions and rigid pyridyl-donor ligands. <i>Inorganica Chimica Acta</i> , 2011, 368, 242-246.	2.4	21
14	Two new coordination polymers involving Mn(II), Co(II), dicyanamide anion and the nitrogen ligand 5,5'-dimethyl-2,2'-dipyridine: Crystal structures and magnetic properties. <i>Polyhedron</i> , 2013, 50, 16-21.	2.2	21
15	Synthesis, vibrational spectroscopy and crystal structures of polymers involving transition metals with squarate ions and 1,3-bis(4-pyridyl)propane. <i>Vibrational Spectroscopy</i> , 2007, 45, 82-88.	2.2	20
16	A new photoluminescent terbium(III) coordination network constructed from 1,2,4,5-benzenetetracarboxylic acid: Synthesis, structural characterization and application as a potential marker for gunshot residues. <i>Inorganica Chimica Acta</i> , 2019, 495, 118967.	2.4	18
17	Construction of a series of rare earth metal-organic frameworks supported by thiophenedicarboxylate linker: Synthesis, characterization, crystal structures and near-infrared/visible luminescence. <i>Inorganica Chimica Acta</i> , 2016, 451, 41-51.	2.4	15
18	High dimensional coordination polymers based on transition metals, 1,2,4,5-benzenetetracarboxylate anion and 1,3-bis(4-pyridyl)propane nitrogen ligand. <i>Polyhedron</i> , 2010, 29, 3125-3131.	2.2	13

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19	Catalyst free decarboxylative trichloromethylation of aldimines. <i>RSC Advances</i> , 2016, 6, 108530-108537.	3.6	13
20	2-D coordination polymers of copper and cobalt with 3,4-pyridinedicarboxylic acid: synthesis, characterization, and crystal structures. <i>Journal of Coordination Chemistry</i> , 2014, 67, 2967-2982.	2.2	12
21	Pro-apoptotic activity of ruthenium 1-methylimidazole complex on non-small cell lung cancer. <i>Journal of Inorganic Biochemistry</i> , 2018, 187, 1-13.	3.5	12
22	Four new coordination polymers involving transition metals with 1,2,4,5-benzenetetracarboxylate and pyridyl-donor ligand di(4-pyridyl) sulfide. <i>Inorganica Chimica Acta</i> , 2011, 367, 187-193.	2.4	11
23	A 3D interpenetrated Co(II)-glutarate coordination polymer: Synthesis, crystal structure, magnetic and adsorption properties. <i>Inorganica Chimica Acta</i> , 2020, 511, 119791.	2.4	10
24	Structural and spectroscopy studies of the zinc complex of p-hydroxyphenylporphyrin. <i>Journal of Molecular Structure</i> , 2011, 995, 125-129.	3.6	7
25	Nature of light-absorbing pigments from Brazilian lichens identified by Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2018, 99, 59-66.	2.2	7
26	Modulating the water solubility and thermal stability of the anti-tuberculosis drug Isoniazid via multicomponent crystal formation. <i>Journal of Molecular Structure</i> , 2018, 1171, 223-232.	3.6	7
27	Structure, characterization and near-infrared emission of a novel 6-connected uninodal 3D network of Nd(III) containing 2,5-thiophenedicarboxylate anion. <i>Inorganic Chemistry Communication</i> , 2013, 37, 66-70.	3.9	6
28	Study of the supramolecular interactions of carboxylic acids used as versatile ligands in coordination chemistry. <i>Journal of Structural Chemistry</i> , 2016, 57, 1235-1242.	1.0	5
29	The zwitterionic structure of 2-hydroxy-4-[(2-hydroxybenzylidene)amino]benzoic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 934-936.	0.4	4
30	Vibrational analysis and crystal structure of two new 1D CuII and CoII coordination polymers, involving the ligands 2,5-dihydroxyterephthalate and glutarate. <i>Vibrational Spectroscopy</i> , 2016, 86, 302-310.	2.2	4
31	Investigating the Solubilities of the Nitrate and Isomorphous Bromide and Chloride Salts of Dapsone. <i>Crystal Growth and Design</i> , 2020, 20, 2313-2320.	3.0	4
32	Preparation and topological properties of two structures with p-sulfobenzoic ligands and Zn ²⁺ and Mn ²⁺ ions. <i>RSC Advances</i> , 2014, 4, 41461-41468.	3.6	2
33	Vibrational spectroscopic and supramolecular studies applied to a chloramphenicol derivative. <i>Vibrational Spectroscopy</i> , 2017, 88, 63-70.	2.2	2
34	The Hirshfeld surface of three new isonicotinylhydrazine co-crystals: Comparison of hydrogen bonds and crystal structures. <i>Journal of Molecular Structure</i> , 2017, 1150, 586-594.	3.6	2
35	Evaluation of Chromium and Manganese levels in sports supplements using graphite furnace atomic absorption spectrometry. <i>Revista De Nutricao</i> , 0, 33, .	0.4	2
36	Ethyl 2-[(carbamothioylamino)imino]propanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1967-o1968.	0.2	1

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37	Two coordination polymers containing the dicyanamide ligand: Synthesis, crystal structures, and HFEPR studies. <i>Inorganica Chimica Acta</i> , 2016, 451, 59-64.	2.4	1
38	Synthesis, crystal structure and EPR studies of two coordination compounds containing the 2,2-dicyano-1-ethoxyethenolate anion. <i>Inorganica Chimica Acta</i> , 2018, 471, 640-648.	2.4	1
39	Reticular synthesis, topological studies and physicochemical properties of a 3D manganese(II) coordination network [Mn ₃ (BTC) ₂ (DMSO) ₄] _n . <i>European Journal of Chemistry</i> , 2019, 10, 180-188.	0.6	1
40	Ethyl 2-[(carbamoylamino)imino]propanoate hemihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1882-o1882.	0.2	0
41	Synthesis, crystal structure and topological analysis of a three-dimensional polymeric network based on zinc(II), potassium and 5-sulfobenzene-1,3-dicarboxylate (SIP). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 981-985.	0.5	0
42	Crystal structures and Full Interaction Maps of proton transfer coordination compounds, templated via Schiff base hydrolysis in situ. <i>Polyhedron</i> , 2020, 186, 114628.	2.2	0