

Miguel Cortijo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, single crystal structures, DFT and in vitro anti oxidant superoxide dismutase studies of copper(II) complexes derived from the di-(2-picoyl)amine and co-ligands: Promising antioxidants. <i>Polyhedron</i> , 2022, 212, 115609.	2.2	8
2	Heterobimetallic three-dimensional 4d-4f coordination polymers based on 5-methyl-1-(pyridin-4-ylmethyl)-1H-1,2,3-triazole-3,4-dicarboxylate. <i>Journal of Solid State Chemistry</i> , 2022, 310, 123027.	2.9	4
3	New insights into progressive ligand replacement from [Ru ₂ Cl(O ₂ CCH ₃) ₄]: synthetic strategies and variation in redox potentials and paramagnetic shifts. <i>Dalton Transactions</i> , 2022, 51, 9708-9719.	3.3	5
4	Validation of microscopic magnetochiral dichroism theory. <i>Science Advances</i> , 2021, 7, .	10.3	13
5	Non-covalent interactions governing the supramolecular assembly of copper(II) complexes with hydrazone-type ligand: Experimental and quantum chemical study. <i>Polyhedron</i> , 2021, 200, 115142.	2.2	5
6	Phenoxido mediated antiferromagnetic and azide mediated ferromagnetic coupling in two dinuclear ferromagnetic nickel(II) complexes with isomeric Schiff bases: a theoretical insight on the pathway of magnetic interaction. <i>CrystEngComm</i> , 2021, 23, 1942-1952.	2.6	8
7	Ultrasound-assisted synthesis of water-soluble monosubstituted diruthenium compounds. <i>Ultrasonics Sonochemistry</i> , 2021, 80, 105828.	8.2	9
8	Supramolecular assemblies of new pseudohalide end-to-end bridged copper(II) complex and molecular structural variety of penta and hexa-coordinated metal(II) complexes with hydrazido-based ligand. <i>Inorganica Chimica Acta</i> , 2020, 503, 119371.	2.4	10
9	Heteronuclear Dirhodium-Gold Anionic Complexes: Polymeric Chains and Discrete Units. <i>Polymers</i> , 2020, 12, 1868.	4.5	6
10	Copper(II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties. <i>Polyhedron</i> , 2020, 186, 114624.	2.2	21
11	pH- and Time-Dependent Release of Phytohormones from Diruthenium Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 7779-7788.	4.0	8
12	Resolution, structures, and vibrational circular dichroism of helicoidal trinickel and tricobalt paddlewheel complexes. <i>Chirality</i> , 2020, 32, 753-764.	2.6	0
13	Tris(ethylenediamine) Cobalt(II) and Manganese(II) Nitrates. <i>Crystals</i> , 2020, 10, 472.	2.2	4
14	Rapid Discrimination of Crystal Handedness by X-ray Natural Circular Dichroism (XNCD) Mapping. <i>Chemistry - A European Journal</i> , 2020, 26, 13363-13366.	3.3	4
15	Two new copper(II) binuclear complexes with 2-[(E)-(pyridine-2-yl-hydrazono)methyl]phenol: Molecular structures, quantum chemical calculations, cryomagnetic properties and catalytic activity. <i>Polyhedron</i> , 2020, 188, 114687.	2.2	20
16	The Origin of Magnetic Anisotropy and Single-Molecule Magnet Behavior in Chromium(II)-Based Extended Metal Atom Chains. <i>Inorganic Chemistry</i> , 2020, 59, 1763-1777.	4.0	29
17	Magnetostructural Studies on Zigzag One-Dimensional Coordination Polymers Formed by Tetraamidatodiruthenium(II,III) Paddlewheel Units Bridged by SCN Ligands. <i>Magnetochemistry</i> , 2019, 5, 40.	2.4	1
18	The use of amidinate ligands in paddlewheel diruthenium chemistry. <i>Coordination Chemistry Reviews</i> , 2019, 400, 213040.	18.8	27

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19	Tetracarbonatodiruthenium Fragments and Lanthanide(III) Ions as Building Blocks to Construct 2D Coordination Polymers. <i>Polymers</i> , 2019, 11, 426.	4.5	4
20	Linear One-Dimensional Coordination Polymers Constructed by Dirhodium Paddlewheel and Tetracyanido-Metallate Building Blocks. <i>Crystals</i> , 2019, 9, 614.	2.2	5
21	Synthesis and Structural Characterization of a Series of One-Dimensional Heteronuclear Dirhodium-Silver Coordination Polymers. <i>Polymers</i> , 2019, 11, 111.	4.5	5
22	Trapping Ag(I) ions by a Pd ₈ metallacrown molecule to form an unusual nonanuclear AgPd ₈ cation. <i>Inorganica Chimica Acta</i> , 2019, 488, 56-61.	2.4	1
23	Rational Self-Assembly of Tricobalt Extended Metal Atom Chains and [M ₆] ²⁺ Building Blocks into One-Dimensional Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 320-325.	2.0	11
24	Enantiomeric resolution and X-ray optical activity of a tricobalt extended metal atom chain. <i>Chemical Science</i> , 2018, 9, 1136-1143.	7.4	15
25	Enantiopure Chiral Coordination Polymers Based on Polynuclear Paddlewheel Helices and Arsenyl Tartrate. <i>Polymers</i> , 2018, 10, 311.	4.5	5
26	Design and Study of Structural Linear and Nonlinear Optical Properties of Chiral [Fe(phen) ₃] ²⁺ Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 14501-14512.	4.0	19
27	Enantiomeric resolution of helicochiral paddlewheel complexes and their infrared, Raman, UV-vis and X-ray optical activity. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, a108-a108.	0.1	0
28	Synthesis, Spectroelectrochemical Behavior, and Chiroptical Switching of Tris(β -diketonato) Complexes of Ruthenium(III), Chromium(III), and Cobalt(III). <i>Inorganic Chemistry</i> , 2017, 56, 4555-4567.	4.0	18
29	Microwave and solvothermal methods for the synthesis of nickel and ruthenium complexes with 9-anthracene carboxylate ligand. <i>Inorganica Chimica Acta</i> , 2015, 424, 176-185.	2.4	19
30	One-Dimensional [Ni(O ₂ CR) ₂] _n (Ni _n N _n) Polymers: Structural, Magnetic, and Density Functional Theory Studies. <i>ChemPlusChem</i> , 2014, 79, 951-961.	2.8	4
31	Crystal structure of poly[[trans-diaquabis($\frac{1}{2}$ -trans-4,4'- ϵ^2 -(diazenediyl)dipyridine)nickel(II) diiodide ethanol disolvate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m314-m315.	0.2	0
32	Tuning of Adsorption and Magnetic Properties in a Series of Self-Templated Isostructural Ni(II) Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2014, 14, 716-722.	3.0	7
33	Ferromagnetic Interactions through Hydrogen Bonds in a One-Dimensional Ni(II) Coordination Polymer. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5523-5527.	2.0	9
34	Hybrid Polyfunctional Systems Based on Nickel(II) Isonicotinate. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2580-2590.	2.0	19
35	Modulation of the Magnetic Properties of Two-Dimensional Compounds [NiX ₂ (N ₄)] by Tailoring Their Crystal Structure. <i>Inorganic Chemistry</i> , 2013, 52, 7087-7093.	4.0	17