

Oscar Castillo Garcia

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156 papers	4,031 citations	38 h-index	55 g-index
171 ext. papers	4,405 ext. citations	5 avg, IF	5.16 L-index

#	Paper	IF	Citations
156	Copper-Based Metal-Organic Porous Materials for CO Electrocatalytic Reduction to Alcohols. <i>ChemSusChem</i> , 2017 , 10, 1100-1109	8.3	208
155	Syntheses, crystal structures, and magnetic properties of one-dimensional oxalato-bridged Co(II), Ni(II), and Cu(II) complexes with n-aminopyridine (n = 2-4) as terminal ligand. <i>Inorganic Chemistry</i> , 2001 , 40, 5526-35	5.1	131
154	Solvent-induced delamination of a multifunctional two dimensional coordination polymer. <i>Advanced Materials</i> , 2013 , 25, 2141-6	24	130
153	One-dimensional oxalato-bridged Cu(II), Co(II), and Zn(II) complexes with purine and adenine as terminal ligands. <i>Inorganic Chemistry</i> , 2004 , 43, 5761-70	5.1	106
152	An unusual 3D coordination polymer based on bridging interactions of the nucleobase adenine. <i>Inorganic Chemistry</i> , 2004 , 43, 4549-51	5.1	94
151	Synthesis, chemical characterization, X-ray crystal structure and magnetic properties of oxalato-bridged copper(II) binuclear complexes with 2,2'-bipyridine and diethylenetriamine as peripheral ligands. <i>Polyhedron</i> , 1999 , 18, 1235-1245	2.7	88
150	Electrical conductivity and luminescence in coordination polymers based on copper(I)-halides and sulfur-pyrimidine ligands. <i>Inorganic Chemistry</i> , 2012 , 51, 718-27	5.1	86
149	Supramolecular architectures and magnetic properties of coordination polymers based on pyrazinedicarboxylato ligands showing embedded water clusters. <i>Inorganic Chemistry</i> , 2006 , 45, 5367-82	5.1	79
148	Metal-carboxylato-nucleobase systems: From supramolecular assemblies to 3D porous materials. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 2716-2736	23.2	73
147	Supramolecular architectures assembled by the interaction of purine nucleobases with metal-oxalato frameworks. Non-covalent stabilization of the 7H-adenine tautomer in the solid-state. <i>Dalton Transactions</i> , 2006 , 902-11	4.3	73
146	Microwave assisted hydrothermal synthesis of a novel CuI-sulfate-pyrazine MOF. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 921-924	3.1	72
145	Rational Design of 2D Magnetic Metal-Organic Coordination Polymers Assembled from Oxalato and Dipyridyl Spacers. <i>Crystal Growth and Design</i> , 2006 , 6, 1839-1847	3.5	72
144	Synthesis, crystal structure, and magnetic properties of a one-dimensional polymeric copper(II) complex containing an unusual 1,1'-bicoordinated oxalato bridge. <i>Inorganic Chemistry</i> , 2000 , 39, 6142-4	5.1	72
143	Crystal packing and physical properties of pyridinium tetrabromocuprate(II) complexes assembled via hydrogen bonds and aromatic stacking interactions. <i>New Journal of Chemistry</i> , 2001 , 25, 1208-1214	3.6	63
142	Scandium/Alkaline Metal-Organic Frameworks: Adsorptive Properties and Ionic Conductivity. <i>Chemistry of Materials</i> , 2016 , 28, 2519-2528	9.6	61
141	Synthesis of heterometallic metal-organic frameworks and their performance as electrocatalyst for CO reduction.. <i>RSC Advances</i> , 2018 , 8, 21092-21099	3.7	59
140	Lanthanide(III)/pyrimidine-4,6-dicarboxylate/oxalate extended frameworks: a detailed study based on the lanthanide contraction and temperature effects. <i>Inorganic Chemistry</i> , 2011 , 50, 8437-51	5.1	59

139	One-dimensional oxalato-bridged copper(II) complexes with 3-hydroxypyridine and 2-amino-4-methylpyridine. <i>Inorganica Chimica Acta</i> , 2001 , 315, 9-17	2.7	57
138	A direct reaction approach for the synthesis of zeolitic imidazolate frameworks: template and temperature mediated control on network topology and crystal size. <i>Chemical Communications</i> , 2012 , 48, 9930-2	5.8	55
137	Paddle-Wheel Shaped Copper(II)-Adenine Discrete Entities As Supramolecular Building Blocks To Afford Porous Supramolecular Metal-Organic Frameworks (SMOFs). <i>Crystal Growth and Design</i> , 2014 , 14, 4019-4029	3.5	53
136	Assembling of dimeric entities of Cd(II) with 6-mercaptopurine to afford one-dimensional coordination polymers: synthesis and scanning probe microscopy characterization. <i>Inorganic Chemistry</i> , 2006 , 45, 7642-50	5.1	52
135	Scanning probe microscopy characterization of single chains based on a one-dimensional oxalato-bridged manganese(II) complex with 4-aminotriazole. <i>Inorganic Chemistry</i> , 2005 , 44, 8343-8	5.1	51
134	Synthesis, characterisation, crystal structures, and magnetic properties of one-dimensional oxalato-bridged metal(II) complexes with 3-hydroxypyridine and isoquinoline. <i>Inorganica Chimica Acta</i> , 2001 , 324, 141-149	2.7	50
133	Towards Molecular Wires Based on Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2885-2896	2.3	49
132	Open-framework copper adeninate compounds with three-dimensional microchannels tailored by aliphatic monocarboxylic acids. <i>Inorganic Chemistry</i> , 2011 , 50, 5330-2	5.1	45
131	Manganese(II) pyrimidine-4,6-dicarboxylates: synthetic, structural, magnetic, and adsorption insights. <i>Inorganic Chemistry</i> , 2008 , 47, 5267-77	5.1	45
130	Synthetic control to achieve lanthanide(III)/pyrimidine-4,6-dicarboxylate compounds by preventing oxalate formation: structural, magnetic, and luminescent properties. <i>Inorganic Chemistry</i> , 2012 , 51, 7875-88	5.1	44
129	One-Dimensional Oxalato-Bridged Metal(II) Complexes with 4-Amino-1,2,4-triazole as Apical Ligand. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 4280-4290	2.3	44
128	Directing the Formation of Adenine Coordination Polymers from Tunable Copper(II)/Dicarboxylate/Adenine Paddle-Wheel Building Units. <i>Crystal Growth and Design</i> , 2012 , 12, 3324-3334	3.5	42
127	A new hydrated phase of cobalt(II) oxalate: crystal structure, thermal behavior and magnetic properties of $[\text{Co}(\text{Ebx})(\text{H}_2\text{O})_2] \cdot n\text{H}_2\text{O}$. <i>Inorganica Chimica Acta</i> , 2004 , 357, 339-344	2.7	41
126	Organization of Coordination Polymers on Surfaces by Direct Sublimation. <i>Advanced Materials</i> , 2009 , 21, 2025-2028	2.4	40
125	Synthesis of designed conductive one-dimensional coordination polymers of Ni(II) with 6-mercaptopurine and 6-thioguanine. <i>Inorganic Chemistry</i> , 2009 , 48, 7931-6	5.1	40
124	Conductive Nanostructures of MMX Chains. <i>Advanced Functional Materials</i> , 2010 , 20, 1451-1457	15.6	40
123	A 2D polymer constructed through bridging oxalato and 4,4'-bipyridine ligands: crystal structure and magnetic behavior of $[\text{Cu}_3(\text{Ebx})_3(\text{E},4,4'\text{-bpy})_2(4,4'\text{-bpy})_2] \cdot n$. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 803-806	3.1	40
122	Porous supramolecular compound based on paddle-wheel shaped copper(II)-adenine dinuclear entities. <i>CrystEngComm</i> , 2011 , 13, 3301	3.3	39

121	One-dimensional oxalato-bridged copper(II) complex possessing two structurally different metallic centres. <i>Inorganic Chemistry Communication</i> , 2001 , 4, 350-353	3.1	39
120	Reversible ThermoChromic Polymeric Thin Films Made of Ultrathin 2D Crystals of Coordination Polymers Based on Copper(I)-Thiophenolates. <i>Advanced Functional Materials</i> , 2018 , 28, 1704040	15.6	39
119	Unravelling the Growth of Supramolecular MetalOrganic Frameworks Based on Metal-Nucleobase Entities. <i>Crystal Growth and Design</i> , 2015 , 15, 975-983	3.5	38
118	Electrical conductivity in platinum-dimer columns. <i>Inorganic Chemistry</i> , 2008 , 47, 9736-8	5.1	38
117	Analysis of the Interaction between Adenine Nucleobase and Metal-Malonato Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3889-3899	2.3	37
116	Semiconductive and magnetic one-dimensional coordination polymers of Cu(II) with modified nucleobases. <i>Inorganic Chemistry</i> , 2013 , 52, 11428-37	5.1	36
115	A novel one-dimensional oxalato-bridged copper(II) complex with 2,2'-bipyridine. <i>Inorganic Chemistry Communication</i> , 2001 , 4, 640-642	3.1	36
114	Magneto-structural studies and thermal analysis of n-ethylpyridinium (n=2, 3, 4) tetrabromocuprate(II) complexes. <i>Polyhedron</i> , 2002 , 21, 19-26	2.7	34
113	Reversible stimulus-responsive Cu(I) iodide pyridine coordination polymer. <i>Chemical Communications</i> , 2015 , 51, 14306-9	5.8	32
112	Porous materials based on metalNucleobase systems sustained by coordination bonds and base pairing interactions. <i>CrystEngComm</i> , 2015 , 17, 3051-3059	3.3	32
111	Rational design of 1-D metal-organic frameworks based on the novel pyrimidine-4,6-dicarboxylate ligand. New insights into pyrimidine through magnetic interaction. <i>Dalton Transactions</i> , 2007 , 2669-80	4.3	32
110	Molecular recognition of adeninium cations on anionic metal-oxalato frameworks: an experimental and theoretical analysis. <i>Inorganic Chemistry</i> , 2007 , 46, 3593-602	5.1	32
109	Supramolecular Architectures and Magnetic Properties of Self-Assembled Windmill-Like Dinuclear Copper(II) Complexes with Purine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2344-2353	2.3	31
108	Gas Adsorption Properties and Selectivity in Cu(I)/Adeninato/Carboxylato MetalBiomolecule Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 5921-5933	2.3	30
107	Exploiting Synthetic Conditions to Promote Structural Diversity within the Scandium(III)/Pyrimidine-4,6-dicarboxylate System. <i>Crystal Growth and Design</i> , 2015 , 15, 2352-2363	3.5	29
106	Structure-Directing Effect of Organic Cations in the Assembly of Anionic In(III)/Diazinedicarboxylate Architectures. <i>Crystal Growth and Design</i> , 2012 , 12, 1501-1512	3.5	29
105	Supramolecular architectures of metalOxalato complexes containing purine nucleobases. <i>Inorganica Chimica Acta</i> , 2011 , 365, 211-219	2.7	29
104	Influence of the synthetic conditions on the structural diversity of extended manganese-oxalato-1,2-bis(4-pyridyl)ethylene systems. <i>Inorganic Chemistry</i> , 2010 , 49, 11346-61	5.1	27

103	Chemically Resistant, Shapeable, and Conducting Metal-Organic Gels and Aerogels Built from Dithiooxamidato Ligand. <i>Advanced Functional Materials</i> , 2017 , 27, 1605448	15.6	26
102	Enhancing luminescence properties of lanthanide(III)/pyrimidine-4,6-dicarboxylato system by solvent-free approach. <i>Dalton Transactions</i> , 2015 , 44, 6972-86	4.3	26
101	Coordination chemistry of 6-thioguanine derivatives with cobalt: toward formation of electrical conductive one-dimensional coordination polymers. <i>Inorganic Chemistry</i> , 2013 , 52, 5290-9	5.1	26
100	Thermally induced interconversions of metal-pyrimidine-4,6-dicarboxylate polymers: a structural, spectroscopic, and magnetic study. <i>Inorganic Chemistry</i> , 2009 , 48, 3087-94	5.1	26
99	Ferromagnetic coupling through a carbonate bridge in the copper (II) chain [Cu(CO ₃)(4-apy) ₂] · H ₂ O (4-apy = 4-aminopyridine). <i>Inorganic Chemistry Communication</i> , 1999 , 2, 14-16	3.1	26
98	Unexpected multiple bond cleavage and rearrangement of organosulfide ligands in the presence of Cu(II) assisted by solvothermal and solvothermal-microwave conditions. <i>Dalton Transactions</i> , 2011 , 40, 847-52	4.3	25
97	Molecular Recognition of Protonated Cytosine Ribbons by Metal-Oxalato Frameworks. <i>Crystal Growth and Design</i> , 2007 , 7, 2594-2600	3.5	25
96	Two appealing alternatives for MOFs synthesis: solvent-free oven heating vs. microwave heating. <i>RSC Advances</i> , 2014 , 4, 60409-60412	3.7	24
95	Electrical Conductivity and Strong Luminescence in Copper Iodide Double Chains with Isonicotinato Derivatives. <i>Chemistry - A European Journal</i> , 2015 , 21, 17282-92	4.8	24
94	Copper(II)-Thymine Coordination Polymer Nanoribbons as Potential Oligonucleotide Nanocarriers. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 987-991	16.4	23
93	An unusual triple parallel interpenetrated 2D Cu-polymer, with a 3D triple interpenetration via H-bonding. <i>CrystEngComm</i> , 2007 , 9, 987	3.3	23
92	The structural diversity triggered by intermolecular interactions between Au(I)S ₂ groups: aurophilia and beyond. <i>Chemistry - A European Journal</i> , 2012 , 18, 9965-76	4.8	22
91	Structural Diversity in a Copper(II)/Isophthalato/9-Methyladenine System. From One- to Three-Dimensional Metal-Biomolecule Frameworks. <i>Crystal Growth and Design</i> , 2013 , 13, 3057-3067	3.5	22
90	Dynamic combinatorial chemistry in a solvothermal process of Cu(I,II) and organosulfur ligands. <i>Dalton Transactions</i> , 2010 , 39, 2280-7	4.3	22
89	From metal-nucleobase chemistry towards molecular wires. <i>Inorganica Chimica Acta</i> , 2009 , 362, 691-706	2.7	22
88	A Binuclear Copper(II) Complex Containing the Pyrazine-2,5-dicarboxylate Ligand: Study of the Magnetic Exchange through the Pyrazine Bridge. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 2586-2589	2.3	22
87	A straightforward route to obtain zirconium based metal-organic gels. <i>Microporous and Mesoporous Materials</i> , 2019 , 284, 128-132	5.3	21
86	Porous M(II)/pyrimidine-4,6-dicarboxylato neutral frameworks: synthetic influence on the adsorption capacity and evaluation of CO ₂ -adsorbent interactions. <i>Chemistry - A European Journal</i> , 2014 , 20, 1554-68	4.8	21

85	Improving the performance of a poorly adsorbing porous material: template mediated addition of microporosity to a crystalline submicroporous MOF. <i>Chemical Communications</i> , 2012 , 48, 907-9	5.8	21
84	Synthesis, chemical characterization and crystal structure of the (oxalato-O,O')bis(1,10-phenanthroline)copper(II) pentahydrate. <i>Journal of Molecular Structure</i> , 2001 , 570, 181-188	3.4	21
83	Synthesis, crystal structure, thermal behaviour and magnetic properties of a novel one-dimensional copper(II) complex containing neutral and deprotonated 3-hydroxypyridine ligands. <i>New Journal of Chemistry</i> , 2000 , 24, 771-775	3.6	21
82	Interguanine hydrogen-bonding patterns in adducts with water and Zn-purine complexes (purine is 9-methyladenine and 9-methylguanine). Unexpected preference of Zn(II) for adenine-N7 over guanine-N7. <i>Journal of Biological Inorganic Chemistry</i> , 2007 , 12, 543-55	3.7	20
81	Electrical behaviour of heterobimetallic [MM ₂ (EtCS ₂) ₄] (MM = NiPd, NiPt, PdPt) and MM ₂ -chain polymers [PtM(EtCS ₂) ₄] (M = Ni, Pd). <i>Chemistry - A European Journal</i> , 2012 , 18, 15476-84	4.8	19
80	Asymmetric and Symmetric Dicopper(II) Paddle-Wheel Units with Modified Nucleobases. <i>Crystal Growth and Design</i> , 2015 , 15, 5485-5494	3.5	18
79	Nanoprocessability of a one-dimensional oxalato-bridged cobalt(II) complex with 1,2,4-triazole. <i>Inorganica Chimica Acta</i> , 2007 , 360, 48-54	2.7	18
78	Inclusion of organic pyridin-3-onate anions by sheets of hydroxo-bridged Cu(II) dimeric complexes. <i>Inorganica Chimica Acta</i> , 2003 , 349, 273-278	2.7	18
77	A transition metal complex containing pyrazine-2,5-dicarboxylato bridging ligands: a novel three-dimensional manganese(II) compound. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 1224-1227	3.1	18
76	Comparing conventional and microwave-assisted heating in PET degradation mediated by imidazolium-based halometallate complexes. <i>New Journal of Chemistry</i> , 2019 , 43, 3476-3485	3.6	17
75	Halo and Pseudohalo Cu(I)-Pyridinato Double Chains with Tunable Physical Properties. <i>Inorganic Chemistry</i> , 2015 , 54, 10738-47	5.1	17
74	Macroscopic Ultralight Aerogel Monoliths of Imine-based Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13969-13977	16.4	17
73	Nuclearity control in gold dithiocarboxylato compounds. <i>CrystEngComm</i> , 2010 , 12, 2332	3.3	16
72	Supramolecular Interactions Modulating Electrical Conductivity and Nanoprocessing of Copper-Iodine Double-Chain Coordination Polymers. <i>Inorganic Chemistry</i> , 2018 , 57, 7568-7577	5.1	16
71	Photoluminescence Modulation in Lanthanide(III)/Pyrazine-2,5-dicarboxylato/Nitrato Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4318-4328	2.3	15
70	Supramolecular assembly of diplatinum species through weak Pt(II)···Pt(II) intermolecular interactions: a combined experimental and computational study. <i>Chemistry - A European Journal</i> , 2012 , 18, 13787-99	4.8	15
69	Insights on the binding ability of a new adenine analog: 7-amine-1,2,4-triazolo[1,5-a]pyrimidine. Synthesis and magnetic study of the first copper(II) complexes. <i>Dalton Transactions</i> , 2012 , 41, 1755-64	4.3	15
68	Structural and magnetic characterization of one-dimensional oxalato-bridged metal(II) complexes with 4-amino-3,5-bis(2-pyridyl)-1,2,4-triazole ligand: A supramolecular open-framework. <i>Inorganica Chimica Acta</i> , 2009 , 362, 4212-4218	2.7	14

67	Unusual dimeric Zn(II)-cytosine complexes: new models of the interaction of Zn(II) with DNA and RNA. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 203-8	4.2	14
66	[ZrO(OH)(benzene-1,4-dicarboxylato)]: a hexagonal polymorph of UiO-66. <i>Chemical Communications</i> , 2019 , 55, 5954-5957	5.8	13
65	3D Magnetically Ordered Open Supramolecular Architectures Based on Ferrimagnetic Cu/Adenine/Hydroxide Heptameric Wheels. <i>Inorganic Chemistry</i> , 2016 , 55, 7755-63	5.1	13
64	Low-Nuclearity MnII Complexes Based on Pyrimidine-4,6-dicarboxylato Bridging Ligand: Crystal Structure, Ion Exchange and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 68-77	2.3	13
63	A crystalline and free-standing silver thiocarboxylate thin-film showing high green to yellow luminescence. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 8545-8551	7.1	12
62	One-Pot Preparation of Mechanically Robust, Transparent, Highly Conductive, and Memristive Metal-Organic Ultrathin Film. <i>ACS Nano</i> , 2018 , 12, 10171-10177	16.7	12
61	Highly dense nickel hydroxide nanoparticles catalyst electrodeposited from a novel Ni(II) paddlewheel complex. <i>Journal of Catalysis</i> , 2015 , 329, 22-31	7.3	11
60	Photoluminescence Tuning and Water Detection of Yttrium Diazinedicarboxylate Materials through Lanthanide Doping. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2650-2663	2.3	11
59	Group 10 Metal Benzene-1,2-dithiolate Derivatives in the Synthesis of Coordination Polymers Containing Potassium Counteranions. <i>Inorganic Chemistry</i> , 2017 , 56, 11810-11818	5.1	11
58	Structural diversity of coordination compounds derived from double-chelating and planar diazinedicarboxylate ligands. <i>Coordination Chemistry Reviews</i> , 2017 , 352, 83-107	23.2	10
57	Cu(I), Co(II) and Fe(II) coordination polymers with pyrazine and benzoate as ligands. Spin crossover, spin canting and metamagnetism phenomena. <i>Dalton Transactions</i> , 2013 , 42, 13453-60	4.3	10
56	Towards multicomponent MOFs via solvent-free synthesis under conventional oven and microwave assisted heating. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 425-433	6.8	10
55	Aerogels of 1D Coordination Polymers: From a Non-Porous Metal-Organic Crystal Structure to a Highly Porous Material. <i>Polymers</i> , 2016 , 8,	4.5	10
54	Thermally-Triggered Crystal Dynamics and Permanent Porosity in the First Heptatungstate-Metalorganic Three-Dimensional Hybrid Framework. <i>Chemistry - A European Journal</i> , 2017 , 23, 14962-14974	4.8	9
53	Dynamic combinatorial chemistry in a solvothermal process between nickel(II), halides and organosulphur ligands. <i>RSC Advances</i> , 2013 , 3, 18406	3.7	8
52	Reversible Solvent-Exchange-Driven Transformations in Multifunctional Coordination Polymers Based on Copper-Containing Organosulfur Ligands. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3879-3887	2.3	8
51	S-S bond reactivity in metal-perthiocarboxylato compounds. <i>Dalton Transactions</i> , 2010 , 39, 1511-8	4.3	8
50	Structural Diversity of Compounds Based on Iron-Dithiolene with Sodium or Potassium Complexes. <i>Crystal Growth and Design</i> , 2016 , 16, 5466-5478	3.5	7

49	trans-Bis[4-amino-3,5-bis(2-pyridyl)-4H-1,2,4-triazole- π N1,N5]bis(nitrato- π)copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004 , 60, m720-m722		7
48	Porous Supramolecular Architectures Based on π -Stacking Interactions between Discrete Metal-Adenine Entities and the Non-DNA Theobromine/Caffeine Nucleobases. <i>Crystal Growth and Design</i> , 2018 , 18, 3465-3476	3.5	6
47	Multifunctional coordination polymers based on copper with modified nucleobases, easily modulated in size and conductivity. <i>Journal of Inorganic Biochemistry</i> , 2019 , 200, 110805	4.2	6
46	Dipotassium aquabis(pyrazine-2,3-dicarboxylato- π N,O)cuprate(II) hexahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m800-m802		6
45	Porous TiO thin film-based photocatalytic windows for an enhanced operation of optofluidic microreactors in CO conversion. <i>IScience</i> , 2021 , 24, 102654	6.1	6
44	Supramolecular architectures based on p-cymene/ruthenium complexes functionalized with nucleobases. <i>CrystEngComm</i> , 2017 , 19, 6039-6048	3.3	5
43	The first oxalate-based 2D coordination polymer containing the biomimetic ligand 5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7-one. <i>Inorganic Chemistry Communication</i> , 2012 , 19, 36-38	3.1	5
42	Adenine nucleobase directed supramolecular architectures based on ferrimagnetic heptanuclear copper(II) entities and benzenecarboxylate anions. <i>Journal of Inorganic Biochemistry</i> , 2020 , 202, 110865	4.2	5
41	Theophylline alkaloid as glue of paddle-wheel copper(II)-adenine entities to afford a rhomboid chain. <i>Inorganica Chimica Acta</i> , 2019 , 484, 437-442	2.7	5
40	Supramolecular Architectures Based on Metal-Cytosine Systems. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1333-1340	2.3	4
39	Reversible transformation between Cu(I)-thiophenolate coordination polymers displaying luminescence and electrical properties. <i>CrystEngComm</i> , 2019 , 21, 3232-3239	3.3	4
38	Providing evidence for the requirements to achieve supramolecular materials based on metal-nucleobase entities. <i>CrystEngComm</i> , 2018 , 20, 2528-2539	3.3	4
37	On the road to MMX polymers: redox properties of heterometallic Ni-Pt paddlewheel complexes. <i>Inorganic Chemistry</i> , 2014 , 53, 10553-62	5.1	4
36	Zinc Thiocarboxylate Complexes as Precursors for Zinc Sulfide Nanoparticles under Aerobic Conditions. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 5592-5602	2.3	4
35	Substituent and noncovalent interaction effects in the reactivity of purine derivatives with tetracarboxylato-dirhodium(II) units. Rationalization of a rare binding mode via N3. <i>Inorganic Chemistry</i> , 2013 , 52, 2174-81	5.1	4
34	Condensed heterometallic bidimensional mixed valence Cu(I)/Cu(II)/Ni(II) cyanidometallate. <i>Dalton Transactions</i> , 2009 , 9722-4	4.3	4
33	Bis(π 1,2,4-triazole- π N1:N2)bis[diaqua(oxalato- π O,O')copper(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004 , 60, m9-m11		4
32	Supramolecular interactions in Cobalt(II)-nucleobases complexes: A methyl matter. <i>Inorganica Chimica Acta</i> , 2016 , 452, 251-257	2.7	4

31	Copper dithiolene [Cu(SC ₆ H ₂ Cl ₂ S) ₂] units connected to alkaline/copper complexes: from ionic assemblies to discrete molecular entities and coordination polymers. <i>CrystEngComm</i> , 2019 , 21, 957-963	3.3	3
30	Metal Thiobenzoato Complexes: Synthesis, Structure, and Processing as Carbon-Supported Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1371-1382	2.3	3
29	Comparative Studies of Oxidation Processes on Group 10 Metals Dithiolene Derivatives in the Formation of Coordination Polymers. <i>Crystal Growth and Design</i> , 2018 , 18, 2486-2494	3.5	3
28	Supramolecular extended systems based on discrete paddle-wheel shaped metal–adeninate entities. <i>Inorganica Chimica Acta</i> , 2016 , 452, 222-228	2.7	3
27	S–S Bond Activation in Multi-Copper Aggregates Containing Perthiocarboxylato Ligands. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4044-4054	2.3	3
26	Nanostructures on surfaces of the metalorganic compound {Fe ₂ (CO) ₆ [μ-S ₂ C ₆ H ₂ (OH) ₂]} and its potential as catalyst precursor for the synthesis of carbon nanotubes. <i>Dalton Transactions</i> , 2011 , 40, 3109-11	4.3	3
25	Reversible dehydration process in a novel three-dimensional covalent network based on pyrimidine-4,6-dionato bridging ligand. <i>Inorganica Chimica Acta</i> , 2006 , 359, 2583-2588	2.7	3
24	Bis[bis(2-pyridyl)amine-N,N′](nitrate-O,O′)cobalt(II) nitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001 , 57, m384-m386		3
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20	Supramolecular architectures based on 6-purinethione complexes. <i>Inorganica Chimica Acta</i> , 2014 , 417, 142-147	2.7	2
19	Bis(1,10-phenanthroline-N,N′)bis-(thio-cyanato-N)cadmium. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m704-5		2
18	Bis(2,2′-bipyridine-N,N′)(nitrate-O)copper(II) hexafluorophosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m1353-m1355		2
17	Rational Design of Copper(II)-Uracil Nanoprocessed Coordination Polymers to Improve Their Cytotoxic Activity in Biological Media. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 36948-36957	9.5	2
16	Copper(II)–thymine Coordination Polymer Nanoribbons as Potential Oligonucleotide Nanocarriers. <i>Angewandte Chemie</i> , 2017 , 129, 1007-1011	3.6	1
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12	Bis(7-amino-1,2,4-triazolo[1,5-a]pyrimidin-4-ium) bis-(oxalato- η^1,η^1)cuprate(II) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1531-2		1
11	η^1 Oxalato-bis[aqua(diethylenetriamine)nickel(II)] dinitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001 , 57, m407-m409		1
10	Crystal structure of trans-di-aqua-bis-(1H-pyrazole-3-carboxylato- η^1,η^1) N,O)copper(II) dihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, m232-3	0.7	1
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