

# Oscar Castillo Garcia

## List of Publications by Year in Descending Order

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**Version:** 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The Chemistry of Zirconium/Carboxylate Clustering Process: Acidic Conditions to Promote Carboxylate-Unsaturated Octahedral Hexamers and Pentanuclear Species.. <i>Inorganic Chemistry</i> , <b>2022</b> , 61, 4842-4851	5.1	
155	Macroscopic Ultralight Aerogel Monoliths of Imine-based Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 13969-13977	16.4	17
154	Macroscopic Ultralight Aerogel Monoliths of Imine-based Covalent Organic Frameworks. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 14088-14096	3.6	1
153	Ferromagnetic supramolecular metal-organic frameworks for active capture and magnetic sensing of emerging drug pollutants. <i>Cell Reports Physical Science</i> , <b>2021</b> , 2, 100421	6.1	3
152	Porous TiO thin film-based photocatalytic windows for an enhanced operation of optofluidic microreactors in CO conversion. <i>IScience</i> , <b>2021</b> , 24, 102654	6.1	6
151	Slot-Die Process of a Sol-Gel Photocatalytic Porous Coating for Large-Area Fabrication of Functional Architectural Glass. <i>Catalysts</i> , <b>2021</b> , 11, 711	4	1
150	Rational Design of Copper(II)-Uracil Nanoprocessed Coordination Polymers to Improve Their Cytotoxic Activity in Biological Media. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 36948-36957	9.5	2
149	Single-Crystal-to-Single-Crystal Cluster Transformation in a Microporous Molybdoarsenate(V)-Metalorganic Framework. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 14913-14923	5.1	1
148	Single-Ion Magnet and Photoluminescence Properties of Lanthanide(III) Coordination Polymers Based on Pyrimidine-4,6-Dicarboxylate. <i>Magnetochemistry</i> , <b>2021</b> , 7, 8	3.1	1
147	Structural Factors Governing the Formation of Extended Structures in Group 10 and 12 Metal-Dithiolenes. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 4573-4584	3.5	1
146	Metal removal from the secondary building unit of bio-MOF-1 by adenine N6-alkylation while retaining the overall 3D porous topology. <i>CrystEngComm</i> , <b>2020</b> , 22, 4201-4205	3.3	1
145	Adenine nucleobase directed supramolecular architectures based on ferrimagnetic heptanuclear copper(II) entities and benzenecarboxylate anions. <i>Journal of Inorganic Biochemistry</i> , <b>2020</b> , 202, 110865	4.2	5
144	Copper dithiolene [Cu(SC <sub>6</sub> H <sub>2</sub> Cl <sub>2</sub> S) <sub>2</sub> ] <sub>n</sub> units connected to alkaline/copper complexes: from ionic assemblies to discrete molecular entities and coordination polymers. <i>CrystEngComm</i> , <b>2019</b> , 21, 957-963	3.3	3
143	Comparing conventional and microwave-assisted heating in PET degradation mediated by imidazolium-based halometallate complexes. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 3476-3485	3.6	17
142	Synthesis and structural characterization of transition metal dithiolene derivatives containing divalent metals as counter-cations. <i>CrystEngComm</i> , <b>2019</b> , 21, 1423-1432	3.3	1
141	A straightforward route to obtain zirconium based metal-organic gels. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 284, 128-132	5.3	21
140	Reversible transformation between Cu(I)-thiophenolate coordination polymers displaying luminescence and electrical properties. <i>CrystEngComm</i> , <b>2019</b> , 21, 3232-3239	3.3	4

139	[ZrO(OH)(benzene-1,4-dicarboxylato)]: a hexagonal polymorph of UiO-66. <i>Chemical Communications</i> , <b>2019</b> , 55, 5954-5957	5.8	13
138	Supramolecular architectures of metal-oxalato coordination polymers bearing N-tethered adenine nucleobases. <i>Polyhedron</i> , <b>2019</b> , 171, 53-64	2.7	
137	Synthesis and crystal structures of ion-pairs based on anionic iron-dithiolenes and alkylammonium as counteranion. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1196, 323-331	3.4	2
136	Incommensurate crystal structure, thermal expansion study and magnetic properties of (dimethylimidazolium) <sub>2</sub> [Fe <sub>2</sub> Cl <sub>6</sub> (EO)]. <i>JPhys Materials</i> , <b>2019</b> , 3, 015002	4.2	
135	Multifunctional coordination polymers based on copper with modified nucleobases, easily modulated in size and conductivity. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 200, 110805	4.2	6
134	Theophylline alkaloid as glue of paddle-wheel copper(II)-adenine entities to afford a rhomboid chain. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 484, 437-442	2.7	5
133	Porous Supramolecular Architectures Based on $\pi$ -Stacking Interactions between Discrete Metal-Adenine Entities and the Non-DNA Theobromine/Caffeine Nucleobases. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 3465-3476	3.5	6
132	Metal-thiobenzoate Complexes: Synthesis, Structure, and Processing as Carbon-Supported Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 1371-1382	2.3	3
131	Comparative Studies of Oxidation Processes on Group 10 Metals Dithiolene Derivatives in the Formation of Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 2486-2494	3.5	3
130	Providing evidence for the requirements to achieve supramolecular materials based on metal-nucleobase entities. <i>CrystEngComm</i> , <b>2018</b> , 20, 2528-2539	3.3	4
129	Synthesis of heterometallic metal-organic frameworks and their performance as electrocatalyst for CO reduction.. <i>RSC Advances</i> , <b>2018</b> , 8, 21092-21099	3.7	59
128	Supramolecular Interactions Modulating Electrical Conductivity and Nanoprocessing of Copper-Iodine Double-Chain Coordination Polymers. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 7568-7577	5.1	16
127	Reversible Thermochromic Polymeric Thin Films Made of Ultrathin 2D Crystals of Coordination Polymers Based on Copper(I)-Thiophenolates. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1704040	15.6	39
126	One-Pot Preparation of Mechanically Robust, Transparent, Highly Conductive, and Memristive Metal-Organic Ultrathin Film. <i>ACS Nano</i> , <b>2018</b> , 12, 10171-10177	16.7	12
125	Operando Methods for the Mechanistic Elucidation of an Electrochemically Driven Structural Transformation. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 12377-12383	3.8	3
124	Chemically Resistant, Shapeable, and Conducting Metal-Organic Gels and Aerogels Built from Dithiooxamidate Ligand. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1605448	15.6	26
123	Copper(II)-Thymine Coordination Polymer Nanoribbons as Potential Oligonucleotide Nanocarriers. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 987-991	16.4	23
122	Supramolecular Architectures Based on Metal-tyrosine Systems. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 1333-1340	2.3	4

121	Copper(II)Thymine Coordination Polymer Nanoribbons as Potential Oligonucleotide Nanocarriers. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 1007-1011	3.6	1
120	Supramolecular architectures based on p-cymene/ruthenium complexes functionalized with nucleobases. <i>CrystEngComm</i> , <b>2017</b> , 19, 6039-6048	3.3	5
119	Structural diversity of coordination compounds derived from double-chelating and planar diazinedicarboxylate ligands. <i>Coordination Chemistry Reviews</i> , <b>2017</b> , 352, 83-107	23.2	10
118	Group 10 Metal Benzene-1,2-dithiolate Derivatives in the Synthesis of Coordination Polymers Containing Potassium Countercations. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 11810-11818	5.1	11
117	Thermally-Triggered Crystal Dynamics and Permanent Porosity in the First Heptatungstate-Metalorganic Three-Dimensional Hybrid Framework. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 14962-14974	4.8	9
116	Copper-Based Metal-Organic Porous Materials for CO Electrocatalytic Reduction to Alcohols. <i>ChemSusChem</i> , <b>2017</b> , 10, 1100-1109	8.3	208
115	Structural Diversity of Compounds Based on Iron-Dithiolene with Sodium or Potassium Complexes. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 5466-5478	3.5	7
114	A crystalline and free-standing silver thiocarboxylate thin-film showing high green to yellow luminescence. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 8545-8551	7.1	12
113	3D Magnetically Ordered Open Supramolecular Architectures Based on Ferrimagnetic Cu/Adenine/Hydroxide Heptameric Wheels. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 7755-63	5.1	13
112	Supramolecular extended systems based on discrete paddle-wheel shaped metaladeninate entities. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 452, 222-228	2.7	3
111	Aerogels of 1D Coordination Polymers: From a Non-Porous Metal-Organic Crystal Structure to a Highly Porous Material. <i>Polymers</i> , <b>2016</b> , 8,	4.5	10
110	Supramolecular interactions in Cobalt(II)Nucleobases complexes: A methyl matter. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 452, 251-257	2.7	4
109	Scandium/Alkaline MetalOrganic Frameworks: Adsorptive Properties and Ionic Conductivity. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 2519-2528	9.6	61
108	Reversible stimulus-responsive Cu(I) iodide pyridine coordination polymer. <i>Chemical Communications</i> , <b>2015</b> , 51, 14306-9	5.8	32
107	Exploiting Synthetic Conditions to Promote Structural Diversity within the Scandium(III)/Pyrimidine-4,6-dicarboxylate System. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 2352-2363	3.5	29
106	Highly dense nickel hydroxide nanoparticles catalyst electrodeposited from a novel Ni(II) paddlewheel complex. <i>Journal of Catalysis</i> , <b>2015</b> , 329, 22-31	7.3	11
105	Enhancing luminescence properties of lanthanide(III)/pyrimidine-4,6-dicarboxylato system by solvent-free approach. <i>Dalton Transactions</i> , <b>2015</b> , 44, 6972-86	4.3	26
104	Photoluminescence Tuning and Water Detection of Yttrium Diazinedicarboxylate Materials through Lanthanide Doping. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 2650-2663	2.3	11

103	Asymmetric and Symmetric Dicopper(II) Paddle-Wheel Units with Modified Nucleobases. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 5485-5494	3.5	18
102	Halo and Pseudohalo Cu(I)-Pyridinato Double Chains with Tunable Physical Properties. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 10738-47	5.1	17
101	S-S Bond Activation in Multi-Copper $\mu$ -Aggregates Containing Perthiocarboxylato Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 4044-4054	2.3	3
100	Electrical Conductivity and Strong Luminescence in Copper Iodide Double Chains with Isonicotinato Derivatives. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17282-92	4.8	24
99	Photoluminescence Modulation in Lanthanide(III)/Pyrazine-2,5-dicarboxylato/Nitrato Frameworks. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 4318-4328	2.3	15
98	Porous materials based on metal-nucleobase systems sustained by coordination bonds and base pairing interactions. <i>CrystEngComm</i> , <b>2015</b> , 17, 3051-3059	3.3	32
97	Towards multicomponent MOFs via solvent-free synthesis under conventional oven and microwave assisted heating. <i>Inorganic Chemistry Frontiers</i> , <b>2015</b> , 2, 425-433	6.8	10
96	Unravelling the Growth of Supramolecular Metal-Organic Frameworks Based on Metal-Nucleobase Entities. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 975-983	3.5	38
95	The crystal structure of a new polymorph of hexa-aqua-nickel(II) bis-(6-oxo-1,6-di-hydro-pyridine-3-carboxyl-ate). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, m238-9	0.7	0
94	Crystal structure of trans-di-aqua-bis-(1H-pyrazole-3-carboxyl-ato- $\lambda^2$ N,O)copper(II) dihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, m232-3	0.7	1
93	Porous M(II)/pyrimidine-4,6-dicarboxylato neutral frameworks: synthetic influence on the adsorption capacity and evaluation of CO <sub>2</sub> -adsorbent interactions. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 1554-68	4.8	21
92	Two appealing alternatives for MOFs synthesis: solvent-free oven heating vs. microwave heating. <i>RSC Advances</i> , <b>2014</b> , 4, 60409-60412	3.7	24
91	On the road to MMX polymers: redox properties of heterometallic Ni/Pt paddlewheel complexes. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 10553-62	5.1	4
90	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> , <b>2014</b> , 14, 4019-4029	3.5	53
89	Supramolecular architectures based on 6-purinethione complexes. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 417, 142-147	2.7	2
88	Reversible Solvent-Exchange-Driven Transformations in Multifunctional Coordination Polymers Based on Copper-Containing Organosulfur Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3879-3887	2.3	8
87	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> , <b>2013</b> , 42, 13453-60	4.3	10
86	Semiconductive and magnetic one-dimensional coordination polymers of Cu(II) with modified nucleobases. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 11428-37	5.1	36

85	Zinc Thiocarboxylate Complexes as Precursors for Zinc Sulfide Nanoparticles under Aerobic Conditions. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 5592-5602	2.3	4
84	Dynamic combinatorial chemistry in a solvothermal process between nickel(II), halides and organosulphur ligands. <i>RSC Advances</i> , <b>2013</b> , 3, 18406	3.7	8
83	Solvent-induced delamination of a multifunctional two dimensional coordination polymer. <i>Advanced Materials</i> , <b>2013</b> , 25, 2141-6	24	130
82	Metal-carboxylate-nucleobase systems: From supramolecular assemblies to 3D porous materials. <i>Coordination Chemistry Reviews</i> , <b>2013</b> , 257, 2716-2736	23.2	73
81	Structural Diversity in a Copper(II)/Isophthalato/9-Methyladenine System. From One- to Three-Dimensional Metal-Biomolecule Frameworks. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 3057-3067	3.5	22
80	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> , <b>2013</b> , 52, 2174-81	5.1	4
79	Coordination chemistry of 6-thioguanine derivatives with cobalt: toward formation of electrical conductive one-dimensional coordination polymers. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 5290-9	5.1	26
78	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> , <b>2012</b> , 19, 36-38	3.1	5
77	Structure-Directing Effect of Organic Cations in the Assembly of Anionic In(III)/Diazinedicarboxylate Architectures. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 1501-1512	3.5	29
76	Electrical behaviour of heterobimetallic [MM <sub>2</sub> (EtCS <sub>2</sub> ) <sub>4</sub> ] (MM = NiPd, NiPt, PdPt) and MMX-chain polymers [PtM(EtCS <sub>2</sub> ) <sub>4</sub> ] (M = Ni, Pd). <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 15476-84	4.8	19
75	Gas Adsorption Properties and Selectivity in CuII/Adeninato/Carboxylato Metal-Biomolecule Frameworks. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 5921-5933	2.3	30
74	Improving the performance of a poorly adsorbing porous material: template mediated addition of microporosity to a crystalline submicroporous MOF. <i>Chemical Communications</i> , <b>2012</b> , 48, 907-9	5.8	21
73	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> , <b>2012</b> , 48, 9930-2	5.8	55
72	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> , <b>2012</b> , 18, 13787-99	4.8	15
71	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> , <b>2012</b> , 41, 1755-64	4.3	15
70	Electrical conductivity and luminescence in coordination polymers based on copper(I)-halides and sulfur-pyrimidine ligands. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 718-27	5.1	86
69	Directing the Formation of Adenine Coordination Polymers from Tunable Copper(II)/Dicarboxylato/Adenine Paddle-Wheel Building Units. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 3324-3334	3.5	42
68	The structural diversity triggered by intermolecular interactions between Au(I)S <sub>2</sub> groups: aurophilia and beyond. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 9965-76	4.8	22



67	Synthetic control to achieve lanthanide(III)/pyrimidine-4,6-dicarboxylate compounds by preventing oxalate formation: structural, magnetic, and luminescent properties. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 7875-7888	5.1	44
66	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> , <b>2011</b> , 40, 847-52	4.3	25
65	Lanthanide(III)/pyrimidine-4,6-dicarboxylate/oxalate extended frameworks: a detailed study based on the lanthanide contraction and temperature effects. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 8437-51	5.1	59
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> , <b>2011</b> , 2011, 68-77	2.3	13
63	Open-framework copper adeninate compounds with three-dimensional microchannels tailored by aliphatic monocarboxylic acids. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 5330-2	5.1	45
62	Porous supramolecular compound based on paddle-wheel shaped copper(II)-adenine dinuclear entities. <i>CrystEngComm</i> , <b>2011</b> , 13, 3301	3.3	39
61	Nanostructures on surfaces of the metalorganic compound {Fe <sub>2</sub> (CO) <sub>6</sub> [μ-S <sub>2</sub> C <sub>6</sub> H <sub>2</sub> (OH) <sub>2</sub> ]} and its potential as catalyst precursor for the synthesis of carbon nanotubes. <i>Dalton Transactions</i> , <b>2011</b> , 40, 3109-11	4.3	3
60	Supramolecular architectures of metal-oxalato complexes containing purine nucleobases. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 365, 211-219	2.7	29
59	Bis(1,10-phenanthroline- <i>N,N'</i> )bis-(thio-cyanato- <i>N,N'</i> )cadmium. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, m704-5		2
58	Bis(7-amino-1,2,4-triazolo[1,5-a]pyrimidin-4-ium) bis-(oxalato- <i>O,O'</i> )cuprate(II) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, m1531-2		1
57	Influence of the synthetic conditions on the structural diversity of extended manganese-oxalato-1,2-bis(4-pyridyl)ethylene systems. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 11346-61	5.1	27
56	S-S bond reactivity in metal-perthiocarboxylato compounds. <i>Dalton Transactions</i> , <b>2010</b> , 39, 1511-8	4.3	8
55	Nuclearity control in gold dithiocarboxylato compounds. <i>CrystEngComm</i> , <b>2010</b> , 12, 2332	3.3	16
54	Dynamic combinatorial chemistry in a solvothermal process of Cu(I,II) and organosulfur ligands. <i>Dalton Transactions</i> , <b>2010</b> , 39, 2280-7	4.3	22
53	Conductive Nanostructures of MMX Chains. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 1451-1457	15.6	40
52	Organization of Coordination Polymers on Surfaces by Direct Sublimation. <i>Advanced Materials</i> , <b>2009</b> , 21, 2025-2028	24	40
51	Towards Molecular Wires Based on Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 2885-2896	2.3	49
50	Supramolecular Architectures and Magnetic Properties of Self-Assembled Windmill-Like Dinuclear Copper(II) Complexes with Purine Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 2344-2353	2.3	31

49	Analysis of the Interaction between Adenine Nucleobase and Metal-Malonato Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 3889-3899	2.3	37
48	From metal-nucleobase chemistry towards molecular wires. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 691-706	2.7	22
47	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> , <b>2009</b> , 362, 4212-4218	2.7	14
46	Synthesis of designed conductive one-dimensional coordination polymers of Ni(II) with 6-mercaptopurine and 6-thioguanine. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 7931-6	5.1	40
45	Condensed heterometallic bidimensional mixed valence Cu(I)/Cu(II)/Ni(II) cyanidometallate. <i>Dalton Transactions</i> , <b>2009</b> , 9722-4	4.3	4
44	Thermally induced interconversions of metal-pyrimidine-4,6-dicarboxylate polymers: a structural, spectroscopic, and magnetic study. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 3087-94	5.1	26
43	Electrical conductivity in platinum-dimer columns. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9736-8	5.1	38
42	Manganese(II) pyrimidine-4,6-dicarboxylates: synthetic, structural, magnetic, and adsorption insights. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 5267-77	5.1	45
41	Unusual dimeric Zn(II)-cytosine complexes: new models of the interaction of Zn(II) with DNA and RNA. <i>Journal of Inorganic Biochemistry</i> , <b>2008</b> , 102, 203-8	4.2	14
40	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> , <b>2007</b> , 2669-80	4.3	32
39	An unusual triple parallel interpenetrated 2D Cu-polymer, with a 3D triple interpenetration via H-bonding. <i>CrystEngComm</i> , <b>2007</b> , 9, 987	3.3	23
38	Molecular recognition of adeninium cations on anionic metal-oxalato frameworks: an experimental and theoretical analysis. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 3593-602	5.1	32
37	Molecular Recognition of Protonated Cytosine Ribbons by Metal-Oxalato Frameworks. <i>Crystal Growth and Design</i> , <b>2007</b> , 7, 2594-2600	3.5	25
36	Microwave assisted hydrothermal synthesis of a novel CuI-sulfate-pyrazine MOF. <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 921-924	3.1	72
35	Nanoprocessability of a one-dimensional oxalato-bridged cobalt(II) complex with 1,2,4-triazole. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 48-54	2.7	18
34	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> , <b>2007</b> , 12, 543-55	3.7	20
33	Supramolecular architectures and magnetic properties of coordination polymers based on pyrazinedicarboxylato ligands showing embedded water clusters. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 5367-82	5.1	79
32	Rational Design of 2D Magnetic Metal-Organic Coordination Polymers Assembled from Oxalato and Dipyridyl Spacers. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 1839-1847	3.5	72



31	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> , <b>2006</b> , 902-11	4.3	73
30	Assembling of dimeric entities of Cd(II) with 6-mercaptapurine to afford one-dimensional coordination polymers: synthesis and scanning probe microscopy characterization. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 7642-50	5.1	52
29	Bis(2,2'-bipyridine- $\kappa$ N,N')(nitrate- $\kappa$ O)copper(II) hexafluorophosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, m1353-m1355		2
28	Reversible dehydration process in a novel three-dimensional covalent network based on pyrimidine-4,6-dionato bridging ligand. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 2583-2588	2.7	3
27	Scanning probe microscopy characterization of single chains based on a one-dimensional oxalato-bridged manganese(II) complex with 4-aminotriazole. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 8343-8	5.1	51
26	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> , <b>2005</b> , 2005, 2586-2589	2.3	22
25	One-Dimensional Oxalato-Bridged Metal(II) Complexes with 4-Amino-1,2,4-triazole as Apical Ligand. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 4280-4290	2.3	44
24	Bis( $\kappa$ 1,2,4-triazole- $\kappa$ N1:N2)bis[diaqua(oxalato- $\kappa$ O,O')copper(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2004</b> , 60, m9-m11		4
23	trans-Bis[4-amino-3,5-bis(2-pyridyl)-4H-1,2,4-triazole- $\kappa$ N1,N5]bis(nitrate- $\kappa$ O)copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2004</b> , 60, m720-m722		7
22	A new hydrated phase of cobalt(II) oxalate: crystal structure, thermal behavior and magnetic properties of $\{[\text{Co}(\text{Eox})(\text{H}_2\text{O})_2] \cdot n\text{H}_2\text{O}\}_n$ . <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 339-344	2.7	41
21	An unusual 3D coordination polymer based on bridging interactions of the nucleobase adenine. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 4549-51	5.1	94
20	One-dimensional oxalato-bridged Cu(II), Co(II), and Zn(II) complexes with purine and adenine as terminal ligands. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 5761-70	5.1	106
19	Inclusion of organic pyridin-3-onate anions by sheets of hydroxo-bridged Cu(II) dimeric complexes. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 349, 273-278	2.7	18
18	A 2D polymer constructed through bridging oxalato and 4,4'-bipyridine ligands: crystal structure and magnetic behavior of $[\text{Cu}_3(\text{Eox})_3(\text{E}_4,4'\text{-bpy})_2(4,4'\text{-bpy})_2]_n$ . <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 803-806	3.1	40
17	A transition metal complex containing pyrazine-2,5-dicarboxylato bridging ligands: a novel three-dimensional manganese(II) compound. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 1224-1227	3.1	18
16	Dipotassium aquabis(pyrazine-2,3-dicarboxylato- $\kappa$ N,O)cuprate(II) hexahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2003</b> , 59, m800-m802		6
15	Magneto-structural studies and thermal analysis of n-ethylpyridinium (n=2, 3, 4) tetrabromocuprate(II) complexes. <i>Polyhedron</i> , <b>2002</b> , 21, 19-26	2.7	34
14	Bis[bis(2-pyridyl)amine-N,N'](nitrate-O,O')cobalt(II) nitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2001</b> , 57, m384-m386		3

13	EOxalato-bis[aqua(diethylenetriamine)nickel(II)] dinitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2001</b> , 57, m407-m409		1
12	Synthesis, chemical characterization and crystal structure of the (oxalato-O,O')bis(1,10-phenanthroline)copper(II) pentahydrate. <i>Journal of Molecular Structure</i> , <b>2001</b> , 570, 181-188	3.4	21
11	A novel one-dimensional oxalato-bridged copper(II) complex with 2,2'-bipyridine. <i>Inorganic Chemistry Communication</i> , <b>2001</b> , 4, 640-642	3.1	36
10	One-dimensional oxalato-bridged copper(II) complexes with 3-hydroxypyridine and 2-amino-4-methylpyridine. <i>Inorganica Chimica Acta</i> , <b>2001</b> , 315, 9-17	2.7	57
9	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> , <b>2001</b> , 324, 141-149	2.7	50
8	One-dimensional oxalato-bridged copper(II) complex possessing two structurally different metallic centres. <i>Inorganic Chemistry Communication</i> , <b>2001</b> , 4, 350-353	3.1	39
7	Crystal packing and physical properties of pyridinium tetrabromocuprate(II) complexes assembled via hydrogen bonds and aromatic stacking interactions. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 1208-1214	3.6	63
6	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> , <b>2001</b> , 40, 5526-35	5.1	131
5	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> , <b>2000</b> , 24, 771-775	3.6	21
4	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> , <b>2000</b> , 39, 6142-4	5.1	72
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1	Molecular Recognition Process between Nucleobases and Metal-Oxalato Frameworks		407-449 1