

# Catalina Ruiz PÃ©rez

## List of Publications by Year in descending order

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253  
papers

10,031  
citations

28274

55  
h-index

53230

85  
g-index

271  
all docs

271  
docs citations

271  
times ranked

6150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal organic framework composite, nano-Fe <sub>3</sub> O <sub>4</sub> @Fe-(benzene-1,3,5-tricarboxylic acid), for solid phase extraction of blood lipid regulators from water. <i>Talanta</i> , 2020, 207, 120275.	5.5	32
2	Electroswitching of the single-molecule magnet behaviour in an octahedral spin crossover cobalt(II) complex with a redox-active pyridinediimine ligand. <i>Chemical Communications</i> , 2020, 56, 12242-12245.	4.1	8
3	Synthesis, crystal structure and magnetic properties of the cyclic tetranuclear compound [Cu <sub>4</sub> (pz) <sub>4</sub> (hppa) <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub> ] [pz <sup>-</sup> =pyrazolate; hppa <sup>-</sup> =R,S-2-hydroxo-2-phenyl-2-(1-pyrazolyl)acetate]. <i>Polyhedron</i> , 2019, 170, 217-222.	2.2	4
4	Application of a Pillared-Layer Zn-Triazolate Metal-Organic Framework in the Dispersive Miniaturized Solid-Phase Extraction of Personal Care Products from Wastewater Samples. <i>Molecules</i> , 2019, 24, 690.	3.8	20
5	Ferromagnetic coupling through the oxalate bridge in heterobimetallic Cr(III)-M(II) (M = Mn and Co) assemblies. <i>Comptes Rendus Chimie</i> , 2019, 22, 452-465.	0.5	7
6	One-dimensional oxalato-bridged heterobimetallic coordination polymers by using [the [Cr(pyim)(C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> ] <sup>+</sup> complex as metalloligand [pyim <sup>-</sup> =2-(2-pyridyl)imidazole]. <i>Inorganica Chimica Acta</i> , 2019, 486, 150-157.		4
7	Anion-π Interactions in Hollow Crystals of a Copper(II)-Cyamelurate Coordination Complex. <i>Crystal Growth and Design</i> , 2018, 18, 2636-2644.	3.0	12
8	Halogen bonding two-point recognition with terphenyl derivatives. <i>New Journal of Chemistry</i> , 2018, 42, 10476-10480.	2.8	17
9	Dicopper(II) metallacyclophanes with photoswitchable oligoacene spacers: a joint experimental and computational study on molecular magnetic photoswitches. <i>Journal of Coordination Chemistry</i> , 2018, 71, 675-692.	2.2	3
10	Insights in the analytical performance of neat metal-organic frameworks in the determination of pollutants of different nature from waters using dispersive miniaturized solid-phase extraction and liquid chromatography. <i>Talanta</i> , 2018, 179, 775-783.	5.5	52
11	Magnetostructural relationships in polymorphic ethylmalonate-containing copper(II) coordination polymers. <i>CrystEngComm</i> , 2018, 20, 7464-7472.	2.6	3
12	Influence of Ligand Functionalization of UiO-66-Based Metal-Organic Frameworks When Used as Sorbents in Dispersive Solid-Phase Analytical Microextraction for Different Aqueous Organic Pollutants. <i>Molecules</i> , 2018, 23, 2869.	3.8	40
13	A green metal-organic framework to monitor water contaminants. <i>RSC Advances</i> , 2018, 8, 31304-31310.	3.6	34
14	Crystal structure analysis of supramolecular arrangements in bis(1-isoquinolinecarboxamide)alkanes and their Ag(I) complexes. <i>CrystEngComm</i> , 2017, 19, 1076-1088.	2.6	2
15	Photoluminescent and Slow Magnetic Relaxation Studies on Lanthanide(III)-2,5-pyrazinedicarboxylate Frameworks. <i>Inorganic Chemistry</i> , 2017, 56, 2108-2123.	4.0	49
16	Reversible solvatomagnetic switching in a single-ion magnet from an entatic state. <i>Chemical Science</i> , 2017, 8, 3694-3702.	7.4	67
17	Tailor-made copper(II) coordination polymers based on the C <sub>3</sub> symmetric methanetriacetate as a ligand. <i>CrystEngComm</i> , 2017, 19, 376-390.	2.6	1
18	Cadmium(II) coordination polymers based on substituted malonic acid: synthesis, characterization and photoluminescence properties. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1384-1392.	6.0	10

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19	Metal-organic and supramolecular lead(II) networks assembled from isomeric nicotinoylhydrazone blocks: the effects of ligand geometry and counter-ion on topology and supramolecular assembly. <i>CrystEngComm</i> , 2016, 18, 5375-5385.	2.6	40
20	Crystal growth and structural remarks on malonate-based lanthanide coordination polymers. <i>CrystEngComm</i> , 2016, 18, 7831-7842.	2.6	11
21	Inorganic-organic hybrid materials based on PbBr <sub>2</sub> and pyridine-hydrazone blocks: structural and theoretical study. <i>RSC Advances</i> , 2016, 6, 60385-60393.	3.6	24
22	Bioinspired Citrate-Apatite Nanocrystals Doped with Divalent Transition Metal Ions. <i>Crystal Growth and Design</i> , 2016, 16, 145-153.	3.0	32
23	Adsorption of silver nanoparticles from aqueous solution on copper-based metal organic frameworks (HKUST-1). <i>Chemosphere</i> , 2016, 150, 659-666.	8.2	39
24	A magnetic-based dispersive micro-solid-phase extraction method using the metal-organic framework HKUST-1 and ultra-high-performance liquid chromatography with fluorescence detection for determining polycyclic aromatic hydrocarbons in waters and fruit tea infusions. <i>Journal of Chromatography A</i> , 2016, 1436, 42-50.	3.7	100
25	Extending the halogen-bonded supramolecular synthon concept to 1,3,4-oxadiazole derivatives. <i>CrystEngComm</i> , 2016, 18, 42-47.	2.6	11
26	Synthesis and structural characterization of six Cu(II)-based coordination polymers using the thermally tunable 1,2,3,4-cyclobutanetetracarboxylic acid. <i>CrystEngComm</i> , 2015, 17, 5081-5093.	2.6	7
27	Metallosupramolecular approach toward multifunctional magnetic devices for molecular spintronics. <i>Coordination Chemistry Reviews</i> , 2015, 303, 110-138.	18.8	64
28	The metal-organic framework HKUST-1 as efficient sorbent in a vortex-assisted dispersive micro solid-phase extraction of parabens from environmental waters, cosmetic creams, and human urine. <i>Talanta</i> , 2015, 139, 13-20.	5.5	144
29	Influence of the coligand in the magnetic properties of a series of copper(II)-phenylmalonate complexes. <i>CrystEngComm</i> , 2014, 16, 8106-8118.	2.6	14
30	Synthesis, Crystal Structure, and Magnetic Characterization of the Three-Dimensional Compound [Co <sub>2</sub> (cbut)(H <sub>2</sub> O) <sub>3</sub> ] <sub>n</sub> (H <sub>4</sub> cbut = Tj ETQq0400 rgBT 16 verlock 1		
31	Syntheses, crystal structures and magnetic properties of five new manganese(II) complexes: influence of the conformation of different alkyl/aryl substituted malonate ligands on the crystal packing. <i>CrystEngComm</i> , 2014, 16, 2766.	2.6	27
32	Two-Dimensional 3d-4f Heterometallic Coordination Polymers: Syntheses, Crystal Structures, and Magnetic Properties of Six New Co(II)-Ln(III) Compounds. <i>Inorganic Chemistry</i> , 2014, 53, 6299-6308.	4.0	20
33	Three new europium(III) methanetriacetate metal-organic frameworks: the influence of synthesis on the product topology. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 19-27.	1.1	5
34	Conformational influence of quinoline moieties in the crystal packing of bis(quinolinecarboxamide)alkane derivatives. <i>CrystEngComm</i> , 2013, 15, 7212.	2.6	3
35	Low-Dimensional 3d-4f Complexes Assembled by Low-Spin [Fe <sup>III</sup> (phen)(CN) <sub>4</sub> ] <sup>n-</sup> Anions. <i>Inorganic Chemistry</i> , 2013, 52, 1525-1537.	4.0	35
36	Synthesis, Crystal Structure and Magnetic Characterization of a Series of Compounds with an Unusual Single Crystal to Single Crystal Phase Transition. <i>Crystal Growth and Design</i> , 2013, 13, 4735-4745.	3.0	16

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37	Neutron Diffraction Studies of the Molecular Compound [Co <sub>2</sub> (bta)] <sub>n</sub> (H <sub>4</sub> bta = 1,2,4,5-Benzenetetracarboxylic Acid): In the Quest of Canted Ferromagnetism. <i>Inorganic Chemistry</i> , 2013, 52, 12818-12827.	4.0	10
38	A step further in the comprehension of the magnetic coupling in gadolinium(III)-based carboxylate complexes. <i>Polyhedron</i> , 2013, 52, 321-332.	2.2	23
39	Synthesis, crystal structure and magnetic properties of a new cyanide-bridged mixed-valence copper(I)/copper(II) clathrate. <i>Inorganic Chemistry Communication</i> , 2013, 35, 252-254.	3.9	5
40	Synthesis, crystal structures and tautomerism in novel oximes based on hydroxyalkylpyrazolones. <i>New Journal of Chemistry</i> , 2013, 37, 2002.	2.8	6
41	Copper(ii) assembling with bis(2-pyridylcarbonyl)amidate and N,N'-2,2-phenylenebis(oxamate). <i>Dalton Transactions</i> , 2013, 42, 5778.	3.3	35
42	Magnetic coupling and spin topology in linear oxalato-bridged tetranuclear chromium(III)-copper(II) complexes with aromatic diimine ligands. <i>Polyhedron</i> , 2013, 52, 1246-1255.	2.2	14
43	Self-assembly of a chiral three-dimensional manganese(ii)-copper(ii) coordination polymer with a double helical architecture. <i>CrystEngComm</i> , 2013, 15, 9312.	2.6	17
44	Dicopper(II) Metallacyclophanes with Electroswitchable Polymethyl-Substituted <i>para</i> -Phenylene Spacers. <i>Chemistry - A European Journal</i> , 2013, 19, 12124-12137.	3.3	25
45	Self-assembly, metal binding ability, and magnetic properties of dinickel(ii) and dicobalt(ii) triple mesocates. <i>CrystEngComm</i> , 2012, 14, 5639.	2.6	14
46	Redox switching of the antiferromagnetic coupling in permethylated dicopper(ii) paracyclophanes. <i>Chemical Communications</i> , 2012, 48, 8401.	4.1	22
47	Ligand effects on the dimensionality of oxamato-bridged mixed-metal open-framework magnets. <i>Chemical Communications</i> , 2012, 48, 3539.	4.1	15
48	Influence of the alkaline earth cations on the topology of M <sup>II</sup> /Cu <sup>II</sup> mixed-metal-organic frameworks (M = Ca, Sr and Ba). <i>CrystEngComm</i> , 2012, 14, 761-764.	2.6	17
49	Molecular Engineering To Control the Magnetic Interaction between Single-Chain Magnets Assembled in a Two-Dimensional Network. <i>Journal of the American Chemical Society</i> , 2012, 134, 15265-15268.	13.7	67
50	Pillaring Role of 4,4'-Azobis(pyridine) in Substituted Malonate-Containing Manganese(II) Complexes: Syntheses, Crystal Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2012, 12, 4505-4518.	3.0	20
51	Highly Selective Chemical Sensing in a Luminescent Nanoporous Magnet. <i>Advanced Materials</i> , 2012, 24, 5625-5629.	21.0	131
52	Dryness sensitive porous 3d-4f metal-organic framework with unusual dynamic behaviour. <i>CrystEngComm</i> , 2012, 14, 765-767.	2.6	20
53	Synthesis, structural analysis, and thermal and spectroscopic studies of methylmalonate-containing zinc(II) complexes. <i>Comptes Rendus Chimie</i> , 2012, 15, 911-923.	0.5	6
54	Novel Malonate-Containing Coordination Compounds with Ligands Having N- and NO-Donors: Synthesis, Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2012, 12, 599-614.	3.0	27

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55	[FeIII(dmbpy)(CN)4]•: a new building block for designing single-chain magnets. Dalton Transactions, 2012, 41, 13716.	3.3	33
56	Two-dimensional (6,3) networks obtained with the {Cu3(Hmesox)3}3• secondary building unit (H4mesox = mesoxalic acid). CrystEngComm, 2012, 14, 4289.	2.6	11
57	Selective Gas and Vapor Sorption and Magnetic Sensing by an Isoreticular Mixed-Metal•Organic Framework. Journal of the American Chemical Society, 2012, 134, 15301-15304.	13.7	109
58	Theoretical Insights into the Ferromagnetic Coupling in Oxalato-Bridged Chromium(III)-Cobalt(II) and Chromium(III)-Manganese(II) Dinuclear Complexes with Aromatic Diimine Ligands. Inorganic Chemistry, 2012, 51, 3289-3301.	4.0	17
59	Slow Relaxation of the Magnetization in a 4,2-Wavelike Fe<sup>III</sup><sub>2</sub>Co<sup>II</sup> Heterobimetallic Chain. Inorganic Chemistry, 2012, 51, 1216-1218.	4.0	33
60	Solid-State Aggregation of Metallacyclophane-Based Mn<sup>II</sup>Cu<sup>II</sup> One-Dimensional Ladders. Inorganic Chemistry, 2012, 51, 7019-7021.	4.0	15
61	Copper(II) complexes with 2,5-bis(2-pyridyl)pyrazine and oxalate and croconate: Synthesis, crystal structure and magnetic properties. Inorganica Chimica Acta, 2012, 389, 52-59.	2.4	8
62	Pentacyanido(L)ferrate(III) complexes: Crystal structures, electrochemical and DFT studies (L=pyrazine, 4,4•bipyridine, azide). Polyhedron, 2012, 31, 539-547.	2.2	7
63	Reversible Solvatomagnetic Switching in a Spongelike Manganese(II)•Copper(II) 3D Open Framework with a Pillared Square/Octagonal Layer Architecture. Chemistry - A European Journal, 2012, 18, 1608-1617.	3.3	86
64	SYNTHESIS AND CHARACTERIZATION OF BIS- AND TOS-(4-CARBOXYBENZOYL)-ALKANEAMINES. Journal of the Chilean Chemical Society, 2012, 57, 1305-1308.	1.2	1
65	Photoswitching of the antiferromagnetic coupling in an oxamato-based dicopper(ii) anthracenophane. Chemical Communications, 2011, 47, 11035.	4.1	39
66	Solid-State Dinuclear-to-Trinuclear Conversion in an Oxalato-Bridged Chromium(III)•Cobalt(II) Complex as a New Route toward Single-Molecule Magnets. Inorganic Chemistry, 2011, 50, 2073-2075.	4.0	30
67	Spin Control in Oxamato-Based Manganese(II)•Copper(II) Coordination Polymers with Brick-Wall Layer Architectures. Inorganic Chemistry, 2011, 50, 8694-8696.	4.0	33
68	Synthesis, Structural Analysis, and Magnetic Properties of Ethylmalonate-Manganese(II) Complexes. Inorganic Chemistry, 2011, 50, 10765-10776.	4.0	15
69	New cyanide-bridged MnIII•MIII heterometallic dinuclear complexes constructed from [MIII(AA)(CN)4]• building blocks (M = Cr and Fe): synthesis, crystal structures and magnetic properties. Dalton Transactions, 2011, 40, 4898.	3.3	27
70	A three-dimensional copper(ii) 12-metallacrown-4 complex with malonomonohydroxamic acid (H3mmh) as a ligand. New Journal of Chemistry, 2011, 35, 1817.	2.8	26
71	Copper(II)-phenylmalonate complexes with the bifunctional ligands nicotinamide and isonicotinamide. Polyhedron, 2011, 30, 2451-2458.	2.2	10
72	Chromium(III) complexes with 2-(2•pyridyl)imidazole: Synthesis, crystal structure and magnetic properties. Inorganica Chimica Acta, 2011, 376, 358-366.	2.4	21

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73	Synthesis, Crystal Structures and Magnetic Properties of $M^{II}Cu^{II}$ Chains (M=Mn and Co) with Sterically Hindered Alkyl-Substituted Phenyloxamate Bridging Ligands. Chemistry - A European Journal, 2011, 17, 2176-2188.	3.3	58
74	Rational Enantioselective Design of Chiral Heterobimetallic Single-Chain Magnets: Synthesis, Crystal Structures and Magnetic Properties of Oxamato-Bridged $M^{II}Cu^{II}$ Chains (M=Mn, Co). Chemistry - A European Journal, 2011, 17, 12482-12494.	3.3	78
75	Metal-organic coordination frameworks based on mixed methylmalonate and 4,4'-bipyridine ligands: synthesis, crystal structure and magnetic properties. New Journal of Chemistry, 2010, 34, 2515.	2.8	24
76	Single chain magnet behaviour in an enantiopure chiral cobalt(ii)-copper(ii) one-dimensional compound. Chemical Communications, 2010, 46, 2322.	4.1	100
77	Supramolecular coordination chemistry of aromatic polyoxalamide ligands: A metallosupramolecular approach toward functional magnetic materials. Coordination Chemistry Reviews, 2010, 254, 2281-2296.	18.8	178
78	The Construction of Open $Gd^{III}$ Metal-Organic Frameworks Based on Methanetricetic Acid: New Objects with an Old Ligand. Chemistry - A European Journal, 2010, 16, 4037-4047.	3.3	37
79	Oligo- <i>m</i> -phenyleneoxalamide Copper(II) Mesocates as Electro-Switchable Ferromagnetic Metal-Organic Wires. Chemistry - A European Journal, 2010, 16, 12838-12851.	3.3	30
80	Inside Cover: Oligo- <i>m</i> -phenyleneoxalamide Copper(II) Mesocates as Electro-Switchable Ferromagnetic Metal-Organic Wires (Chem. Eur. J. 43/2010). Chemistry - A European Journal, 2010, 16, 12762-12762.	3.3	0
81	All-cis-1,2,3,4,5,6-cyclohexanhexacarboxylate two-dimensional gadolinium(III) complexes: Synthesis, X-ray crystal structure and magnetic properties. Polyhedron, 2010, 29, 188-195.	2.2	13
82	Topological control of the spin coupling in dinuclear copper(II) complexes with meta- and para-phenylenediamine bridging ligands. Inorganica Chimica Acta, 2010, 363, 1984-1994.	2.4	23
83	Long-distance magnetic coupling in dinuclear copper(II) complexes with oligo-para-phenylenediamine bridging ligands. Inorganica Chimica Acta, 2010, 363, 1666-1678.	2.4	34
84	$[Cu_3(Hmesox)_3]^{3+}$ : a Precursor for the Rational Design of Chiral Molecule-Based Magnets ( $H_4mesox = 2$ -dihydroxymalonic acid). Inorganic Chemistry, 2010, 49, 7880-7889.	4.0	18
85	Tuning the Spin Ground State in Heterononanuclear Nickel(II)-Copper(II) Cylinders with a Triangular Metallacyclophane Core. Inorganic Chemistry, 2010, 49, 11264-11266.	4.0	5
86	Building-block process for the synthesis of new chromium(III) malonate complexes. CrystEngComm, 2010, 12, 2711.	2.6	19
87	Magnetic coupling in discrete cyano-bridged $M^{III}Fe^{III}$ motifs: Synthesis, crystal structure, magnetic properties and theoretical study. Dalton Transactions, 2010, 39, 5028.	3.3	39
88	Variation of the ground spin state in homo- and hetero-octanuclear copper(II) and nickel(II) double-star complexes with a meso-helicite-type metallacryptand core. Dalton Transactions, 2010, 39, 4786.	3.3	11
89	Ferromagnetic coupling and magnetic anisotropy in oxalato-bridged trinuclear chromium(III)-cobalt(II) complexes with aromatic diimine ligands. Dalton Transactions, 2010, 39, 2350-2358.	3.3	42
90	Dinuclear, tetranuclear and one-dimensional pyrazine-based copper(II) complexes: preparation, X-ray structure and magnetic properties. Dalton Transactions, 2010, 39, 167-179.	3.3	24



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91	Intramolecular ferro- and antiferromagnetic interactions in oxo-carboxylate bridged digadolinium(III) complexes. <i>Dalton Transactions</i> , 2010, 39, 7286.	3.3	51
92	[Fe(phen)(CN) <sub>4</sub> ] <sup>3-</sup> : a suitable metalloligand unit to build 3d <sup>6</sup> -4f heterobimetallic complexes with mixed bpym-cyano bridges (phen = 1,10-phenanthroline, bpym = 2,2'-bipyrimidine). <i>CrystEngComm</i> , 2010, 12, 2454.	2.6	41
93	Trialkylamine versus Trialkylphosphine: Catalytic Conjugate Addition of Alcohols to Alkyl Propiolates. <i>Synlett</i> , 2009, 2009, 1223-1226.	1.8	25
94	Novel Lactone Chamigrene $\alpha$ -Derived Metabolites from <i>Laurencia majuscula</i> . <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1407-1411.	2.4	18
95	Copper(II)-methylmalonate complexes with unidentate N-donor ligands: Syntheses, structural characterization and magnetic properties. <i>Polyhedron</i> , 2009, 28, 1802-1807.	2.2	15
96	New 3d <sup>6</sup> -4f supramolecular systems constructed by [Fe(bipy)(CN) <sub>4</sub> ] <sup>3-</sup> and partially blocked lanthanide cations. <i>Polyhedron</i> , 2009, 28, 851-859.	2.2	18
97	Study of the Influence of the Bridge on the Magnetic Coupling in Cobalt(II) Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 11342-11351.	4.0	81
98	Unprecedented coexistence of cyano-bridged Mn <sub>4</sub> <sup>III</sup> Cr <sup>III</sup> and Mn <sub>2</sub> <sup>III</sup> Cr <sup>III</sup> heterobimetallic complexes in one single crystal. <i>Dalton Transactions</i> , 2009, , 37-40.	3.3	25
99	Cobalt(II) Sheet-Like Systems Based on Diacetic Ligands: from Subtle Structural Variances to Different Magnetic Behaviors. <i>Inorganic Chemistry</i> , 2009, 48, 6086-6095.	4.0	51
100	Dinuclear and two- and three-dimensional gadolinium(III) complexes with mono- and dicarboxylate ligands: synthesis, structure and magnetic properties. <i>CrystEngComm</i> , 2009, 11, 2131.	2.6	64
101	Redox Switch-Off of the Ferromagnetic Coupling in a Mixed-Spin Tricobalt(II) Triple Mesocate. <i>Journal of the American Chemical Society</i> , 2009, 131, 14614-14615.	13.7	39
102	Low-Dimensional Copper(II) Complexes with the Trinucleating Ligand 2,4,6-Tris(di-2-pyridylamine)-1,3,5-triazine: Synthesis, Crystal Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2009, 48, 6630-6640.	4.0	33
103	Molecular-Programmed Self-Assembly of Homo- and Heterometallic Tetranuclear Coordination Compounds: Synthesis, Crystal Structures, and Magnetic Properties of Rack-Type Cu <sub>2</sub> M <sub>2</sub> Complexes (M = Cu and Ni) with Tetranucleating Phenylenedioxamate Bridging Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 4661-4673.	4.0	22
104	Influence of the Aliphatic Wrapping in the Crystal Structure of Benzene Tricarboxamide Supramolecular Polymers. <i>Crystal Growth and Design</i> , 2009, 9, 4987-4989.	3.0	31
105	Novel cobalt(II) coordination polymers based on 1,2,4,5-benzenetetracarboxylic acid and extended bis-monodentate ligands. <i>CrystEngComm</i> , 2009, 11, 2169.	2.6	36
106	One-dimensional and two-dimensional coordination polymers constructed from copper(II) nodes and polycarboxylate spacers: Synthesis, crystal structures and magnetic properties. <i>Polyhedron</i> , 2008, 27, 574-582.	2.2	41
107	Insertion of a Spin Crossover Fe <sup>III</sup> Complex into an Oxalate-Based Layered Material: Coexistence of Spin Canting and Spin Crossover in a Hybrid Magnet. <i>Inorganic Chemistry</i> , 2008, 47, 9111-9120.	4.0	59
108	Synthesis, crystal structures and magnetic properties of tricyanomethanide-containing copper(II) complexes. <i>Dalton Transactions</i> , 2008, , 1583.	3.3	43

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109	(4,4) Rectangular Lattices of Cobalt(II) with 1,2,4,5-Benzenetetracarboxylic Acid: Influence of the Packing in the Crystal Structure. <i>Crystal Growth and Design</i> , 2008, 8, 3984-3992.	3.0	48
110	Crystal Structure and Magnetic Properties of Two Isomeric Three-Dimensional Pyromellitate-Containing Cobalt(II) Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 8053-8061.	4.0	70
111	Well-resolved unusual alternating cyclic water tetramers embedded in a crystal host. <i>CrystEngComm</i> , 2008, 10, 1743.	2.6	43
112	Supramolecular Networks in Copper(II) Malonate Complexes. <i>Crystal Growth and Design</i> , 2008, 8, 3219-3232.	3.0	48
113	Crystal Engineering of Complexes of Propane-1,2,3-tricarboxylic Acid (H3tca) with Lanthanide(III) Cations. <i>Crystal Growth and Design</i> , 2008, 8, 1313-1318.	3.0	22
114	[MIII(bpym)(CN)4] <sup>3-</sup> : a suitable building block to design ferrimagnetic cyano-bridged heterobimetallic chains (M = Fe, Cr; bpym = 2,2'-bipyrimidine). <i>Dalton Transactions</i> , 2008, , 4103.	3.3	34
115	1,2,4,5-Benzenetetracarboxylate- and 2,2'-Bipyrimidine-Containing Cobalt(II) Coordination Polymers: Preparation, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2008, 47, 3568-3576.	4.0	101
116	Heterobinuclear Complexes as Tectons in Designing Coordination Polymers. <i>Crystal Growth and Design</i> , 2008, 8, 941-949.	3.0	87
117	Heterotrimetallic Oxalato-Bridged ReIV2MII Complexes (M = Mn, Co, Ni, Cu): Synthesis, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2007, 46, 3523-3530.	4.0	36
118	New anionic cobalt complexes using highly hindered bis-amides with varying donor abilities as ligands. <i>Dalton Transactions</i> , 2007, , 2135-2144.	3.3	13
119	Crystal engineering of 3-D coordination polymers by pillaring ferromagnetic copper(ii)-methylmalonate layers. <i>CrystEngComm</i> , 2007, 9, 478-487.	2.6	92
120	4,2-Ribbon like ferromagnetic cyano-bridged FeIII2NiII chains: a magneto-structural study. <i>Dalton Transactions</i> , 2007, , 3690.	3.3	43
121	Molecular-Programmed Self-Assembly of Homo- and Heterometallic Penta- and Hexanuclear Coordination Compounds: Synthesis, Crystal Structures, and Magnetic Properties of Ladder-Type CuII2MIIx(M = Cu, Ni; x = 3, 4) Oxamate Complexes with CuII2Metallacyclophane Cores. <i>Inorganic Chemistry</i> , 2007, 46, 4504-4514.	4.0	45
122	Unusual (1/4-aqua)bis(1/4-carboxylate) Bridge in Homometallic M(II) (M = Mn, Co and Ni) Two-Dimensional Compounds Based on the 1,2,3,4-Butanetetracarboxylic Acid: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2007, 46, 7458-7465.	4.0	85
123	Structural changes in the crystal packing of highly hindered symmetrical vicinal bis-amides. <i>CrystEngComm</i> , 2007, 9, 746.	2.6	2
124	Structural versatility in cobalt(ii) complexes with 1,2,4,5-benzenetetracarboxylic acid (H4bta) and 4,4'-bipyridine-N,N'-dioxide (dpo). <i>CrystEngComm</i> , 2007, 9, 815.	2.6	69
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