

# Catalina Ruiz PÃ©rez

## List of Publications by Year in descending order

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253  
papers

10,031  
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28274

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53230

85  
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271  
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271  
docs citations

271  
times ranked

6150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of single chain magnets through cyanide-bearing six-coordinate complexes. <i>Coordination Chemistry Reviews</i> , 2005, 249, 2691-2729.	18.8	417
2	Cyanide-Bridged Iron(III)-Cobalt(II) Double Zigzag Ferromagnetic Chains: Two New Molecular Magnetic Nanowires. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1483-1486.	13.8	353
3	[Fe(bpym)(CN) <sub>4</sub> ]: A New Building Block for Designing Single-Chain Magnets. <i>Journal of the American Chemical Society</i> , 2006, 128, 4842-4853.	13.7	248
4	Ferromagnetism in Malonate-Bridged Copper(II) Complexes. Synthesis, Crystal Structures, and Magnetic Properties of {[Cu(H <sub>2</sub> O) <sub>3</sub> ][Cu(mal) <sub>2</sub> (H <sub>2</sub> O)]} and {[Cu(H <sub>2</sub> O) <sub>4</sub> ][Cu(mal) <sub>2</sub> (H <sub>2</sub> O)]} (H <sub>2</sub> mal = malonic Acid). <i>Inorganic Chemistry</i> , 2000, 39, 1363-1370.	4.0	218
5	Supramolecular coordination chemistry of aromatic polyoxalamide ligands: A metallosupramolecular approach toward functional magnetic materials. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2281-2296.	18.8	178
6	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
7	Structural versatility of the malonate ligand as a tool for crystal engineering in the design of molecular magnets. <i>CrystEngComm</i> , 2002, 4, 522-535.	2.6	136
8	Cobalt(II)-Copper(II) Bimetallic Chains as a New Class of Single-Chain Magnets. <i>Advanced Materials</i> , 2004, 16, 1597-1600.	21.0	135
9	Weak Ferromagnetism in Chiral 3-Dimensional Oxalato-Bridged Cobalt(II) Compounds. Crystal Structure of [Co(bpy) <sub>3</sub> ][Co <sub>2</sub> (ox) <sub>3</sub> ]ClO <sub>4</sub> . <i>Inorganic Chemistry</i> , 1998, 37, 4131-4135.	4.0	132
10	Crystal structure and magnetic properties of the flexible self-assembled two-dimensional square network complex [Cu <sub>2</sub> (mal) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> (4,4'-bpy)] (H <sub>2</sub> mal=malonic acid and 4,4'-bpy=4,4'-bipyridine). <i>Inorganica Chimica Acta</i> , 2001, 318, 159-165.	2.4	132
11	Highly Selective Chemical Sensing in a Luminescent Nanoporous Magnet. <i>Advanced Materials</i> , 2012, 24, 5625-5629.	21.0	131
12	Magnetic Coupling through the Carbon Skeleton of Malonate in Two Polymorphs of {[Cu(bpy)(H <sub>2</sub> O)][Cu(bpy)(mal)(H <sub>2</sub> O)]}(ClO <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> mal = Malonic Acid; bpy = 2,2'-Bipyridine). <i>Inorganic Chemistry</i> , 2000, 39, 3845-3852.	4.0	129
13	Ferromagnetic Coupling in the Three-Dimensional Malonate-Bridged Gadolinium(III) Complex [Gd <sub>2</sub> (mal) <sub>3</sub> (H <sub>2</sub> O) <sub>6</sub> ] (H <sub>2</sub> mal = Malonic Acid). <i>Inorganic Chemistry</i> , 2003, 42, 5456-5458.	4.0	122
14	Design of High-Dimensional Copper(II) Malonate Complexes with Exo-Polydentate N-Donor Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 5938-5948.	4.0	119
15	Selective Gas and Vapor Sorption and Magnetic Sensing by an Isorecticular Mixed-Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2012, 134, 15301-15304.	13.7	109
16	Organic-inorganic hybrid solids: control of perhalometallate solid state structures. <i>Dalton Transactions RSC</i> , 2000, , 3897-3905.	2.3	107
17	Ligand Design for Heterobimetallic Single-Chain Magnets: Synthesis, Crystal Structures, and Magnetic Properties of MIIICuII (M=Mn, Co) Chains with Sterically Hindered Methyl-Substituted Phenyloxamate Bridging Ligands. <i>Chemistry - A European Journal</i> , 2007, 13, 2054-2066.	3.3	105
18	Malonate-based copper(II) coordination compounds: ferromagnetic coupling controlled by dicarboxylates. <i>Polyhedron</i> , 2003, 22, 2143-2153.	2.2	104

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19	Synthesis, crystal structure and magnetic properties of two-dimensional malonato-bridged cobalt(ii) and nickel(ii) compounds. <i>CrystEngComm</i> , 2004, 6, 106-111.	2.6	103
20	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
21	Single chain magnet behaviour in an enantiopure chiral cobalt(ii)-copper(ii) one-dimensional compound. <i>Chemical Communications</i> , 2010, 46, 2322.	4.1	100
22	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
23	Nuclearity Controlled Cyanide-Bridged Bimetallic Cr(III)-Mn(II) Compounds: Synthesis, Crystal Structures, Magnetic Properties and Theoretical Calculations. <i>Chemistry - A European Journal</i> , 2004, 10, 6130-6145.	3.3	94
24	Crystal engineering of 3-D coordination polymers by pillaring ferromagnetic copper(ii)-methylmalonate layers. <i>CrystEngComm</i> , 2007, 9, 478-487.	2.6	92
25	Two- and Three-Dimensional Networks of Gadolinium(III) with Dicarboxylate Ligands: Synthesis, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2006, 45, 10585-10594.	4.0	89
26	Heterobinuclear Complexes as Tectons in Designing Coordination Polymers. <i>Crystal Growth and Design</i> , 2008, 8, 941-949.	3.0	87
27	Reversible Solvatomagnetic Switching in a Spongelike Manganese(II)-Copper(II) 3D Open Framework with a Pillared Square/Octagonal Layer Architecture. <i>Chemistry - A European Journal</i> , 2012, 18, 1608-1617.	3.3	86
28	Crystal structure and magnetic properties of the single- $\frac{1}{4}$ -chloro copper(II) chain [Cu(bipy)Cl <sub>2</sub> ] (bipy=2,2'-bipyridine). <i>Inorganica Chimica Acta</i> , 1999, 284, 258-265.	2.4	85
29	Unusual ( $\frac{1}{4}$ -aqua)bis( $\frac{1}{4}$ -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
30	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
31	Ferromagnetic coupling in the malonato-bridged copper(ii) chains [Cu(Im) <sub>2</sub> (mal)] <sub>n</sub> and [Cu(2-Melm) <sub>2</sub> (mal)] <sub>n</sub> (H <sub>2</sub> mal = malonic acid, Im = imidazole and 2-Melm = 2-methylimidazole). <i>New Journal of Chemistry</i> , 2002, 26, 1624-1628.	2.0	80
32	Malonic acid: a multi-modal bridging ligand for new architectures and properties on molecule-based magnets. <i>Polyhedron</i> , 2003, 22, 2111-2123.	2.2	80
33	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 1521-1524.	2.0	79
34	Synthesis, crystal structures and magnetic properties of single and double cyanide-bridged bimetallic Fe <sub>2</sub> III Cu <sub>1</sub> zigzag chains. <i>Dalton Transactions</i> , 2004, , 2836.	3.3	78
35	Rational Enantioselective Design of Chiral Heterobimetallic Single-Chain Magnets: Synthesis, Crystal Structures and Magnetic Properties of Oxamato-Bridged M <sup>II</sup> -Cu <sup>II</sup> Chains (M=Mn, Co). <i>Chemistry - A European Journal</i> , 2011, 17, 12482-12494.	3.3	78
36	Trans-dicyanobis(acetylacetonato)ruthenate(III) as a precursor to build novel cyanide-bridged Ru <sup>III</sup> -M <sup>II</sup> bimetallic compounds [M=Co and Ni]. <i>Coordination Chemistry Reviews</i> , 2006, 250, 2176-2193.	18.8	73

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37	Cation-controlled formation of $[MCl_4]_n$ chains in $[4,4\text{-H}_2\text{bipy}]_n[MCl_4]$ (M = Mn, Cd): an alternative to the $A_2MCl_4 \cdot 100H_2O$ layer perovskite structure. <i>Chemical Communications</i> , 1999, , 2287-2288.	4.1	71
38	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
39	Crystal structures and magnetic properties of two- and three-dimensional malonato-bridged manganese(II) complexes. <i>Dalton Transactions</i> , 2003, , 2359-2365.	3.3	69
40	Structural versatility in cobalt(II) complexes with 1,2,4,5-benzenetetracarboxylic acid (H <sub>4</sub> bta) and 4,4'-bipyridine-N,N'-dioxide (dpo). <i>CrystEngComm</i> , 2007, 9, 815.	2.6	69
41	Synthesis, crystal structure and magnetic properties of the malonato-bridged bimetallic chain $[Mn(II)Cu(II)(mal)_2(H_2O)_4] \cdot 2H_2O$ . <i>Inorganica Chimica Acta</i> , 2000, 298, 202-208.	2.4	67
42	1,2,4,5-Benzenetetracarboxylic Acid and 4,4'-Bipyridine as Ligands in Designing Low-Dimensional Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3873-3879.	2.0	67
43	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
44	Reversible solvatomagnetic switching in a single-ion magnet from an entatic state. <i>Chemical Science</i> , 2017, 8, 3694-3702.	7.4	67
45	Different Ground Spin States in Iron(III) Complexes with Quadridentate Schiff Bases: Synthesis, Crystal Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 1998, 37, 5102-5108.	4.0	65
46	Alternating cationic/anionic layers in the $[M(H_2O)_6][Cu(mal)_2(H_2O)]$ complexes linked through hydrogen bonds (M = Mn, Co, Ni, Cu and Zn; H <sub>2</sub> mal = malonic acid). <i>CrystEngComm</i> , 2002, 4, 631-637.	2.6	64
47	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
48	Metallosupramolecular approach toward multifunctional magnetic devices for molecular spintronics. <i>Coordination Chemistry Reviews</i> , 2015, 303, 110-138.	18.8	64
49	Structural and Electrophysiological Analysis of Annexin V Mutants. <i>Journal of Molecular Biology</i> , 1994, 237, 479-499.	4.2	59
50	Hybrid molecular materials formed by alternating layers of bimetallic oxalate complexes and tetrathiafulvalene molecules: Synthesis, structure, and magnetic properties of	21.0	59
51	Synthesis, crystal structure and magnetic properties of $[Cu(bpym)(mal)(H_2O)] \cdot 6H_2O$ and $[Cu_2(bpym)(mal)_2(H_2O)_2] \cdot 4H_2O$ (bpym=2,2'-bipyrimidine, H <sub>2</sub> mal=malonic acid). <i>Inorganica Chimica Acta</i> , 2001, 326, 20-26.	2.4	59
52	The flexibility of molecular components as a suitable tool in designing extended magnetic systems. <i>CrystEngComm</i> , 2002, 4, 440-446.	2.6	59
53	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
54	Synthesis, Crystal Structures and Magnetic Properties of M <sup>II</sup> Cu <sup>II</sup> Chains (M=Mn and Co) with Sterically Hindered Alkyl-Substituted Phenyloxamate Bridging Ligands. <i>Chemistry - A European Journal</i> , 2011, 17, 2176-2188.	3.3	58

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55	Phenylmalonate-Containing Copper(II) Complexes: Synthesis, Crystal Structure and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4081-4090.	2.0	57
56	Structural and dielectric characterization of cadmium tartrate. <i>Journal of Applied Physics</i> , 1998, 84, 5729-5732.	2.5	53
57	High-dimensional malonate-based materials: Synthesis, crystal structures and magnetic properties of $[M_2(\text{mal})_2(L)(\text{H}_2\text{O})_2]_n \cdot n(\text{H}_2\text{O})$ $M = \text{Zn}(\text{II}), \text{Co}(\text{II})$ ; $\text{H}_2\text{mal} = \text{malonic acid}$ , $L = \text{pyrimidine, pyrazine}$ . <i>CrystEngComm</i> , 2003, 5, 280-284.	2.6	53
58	Synthesis, crystal structure and magnetic properties of the three-dimensional compound $[\text{Na}_2\text{Ni}(\text{mal})_2(\text{H}_2\text{O})_6]_n$ ( $\text{H}_2\text{mal} = \text{malonic acid}$ ). <i>Inorganica Chimica Acta</i> , 2000, 298, 245-250.	2.4	52
59	Hydrogen Bond-Directed Frameworks Based on 1,2,4,5-Benzene-Tetracarboxylate. <i>Crystal Growth and Design</i> , 2005, 5, 1163-1167.	3.0	52
60	Polymeric Networks of Copper(II) Phenylmalonate with Heteroaromatic N-donor Ligands: Synthesis, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2005, 44, 7794-7801.	4.0	52
61	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
62	$\{[\text{Cu}(\text{H}_2\text{O})_3][\text{Cu}(\text{phmal})_2]\}_n$ : a new two-dimensional copper(II) complex with intralayer ferromagnetic interactions ( $\text{phmal} = \text{phenylmalonate dianion}$ ). <i>New Journal of Chemistry</i> , 2003, 27, 1557-1562.	2.8	51
63	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
64	Intramolecular ferro- and antiferromagnetic interactions in oxo-carboxylate bridged digadolinium(III) complexes. <i>Dalton Transactions</i> , 2010, 39, 7286.	3.3	51
65	Malonate-Containing Manganese(III) Complexes: Synthesis, Crystal Structure, and Magnetic Properties of $\text{AsPh}_4[\text{Mn}(\text{mal})_2(\text{H}_2\text{O})_2]$ . <i>Inorganic Chemistry</i> , 2006, 45, 1012-1020.	4.0	50
66	The Structures of 1H-Cyclopropabenzene and Its 1,1-Bis(triisopropylsilyl) Derivative. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 294-295.	4.4	49
67	Photoluminescent and Slow Magnetic Relaxation Studies on Lanthanide(III)-2,5-pyrazinedicarboxylate Frameworks. <i>Inorganic Chemistry</i> , 2017, 56, 2108-2123.	4.0	49
68	Hybrid Organic/Inorganic Molecular Materials Formed by Tetrathiafulvalene Radicals and Magnetic Trimeric Clusters of Dimetallic Oxalate-Bridged Complexes: The Series $(\text{TTF})_4\{[\text{MII}(\text{H}_2\text{O})_2[\text{MIII}(\text{ox})_3]_2] \cdot n\text{H}_2\text{O}$ ( $\text{MII} = \text{Mn, Fe, Co, Ni, Cu}$ and $\text{Zn}$ ; $\text{MIII} = \text{Cr}$ and $\text{Fe}$ ; $\text{ox} = \text{C}_2\text{O}_4^{2-}$ ). <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2290-2298.	2.0	48
69	(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
70	Supramolecular Networks in Copper(II) Malonate Complexes. <i>Crystal Growth and Design</i> , 2008, 8, 3219-3232.	3.0	48
71	A new synthetic route towards heterotrimetallic complexes. Synthesis, crystal structure and magnetic properties of a $[\text{CuII}\text{MnII}\text{CrIII}]$ trinuclear complex. <i>Inorganica Chimica Acta</i> , 2006, 359, 433-440.	2.4	46
72	A Structural Study on the Rochelle Salt. <i>Journal of Solid State Chemistry</i> , 1997, 131, 350-357.	2.9	45

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73	Molecular-Programmed Self-Assembly of Homo- and Heterometallic Penta- and Hexanuclear Coordination Compounds: Synthesis, Crystal Structures, and Magnetic Properties of Ladder-Type $Cu_{12}M_{12}x$ ( $M = Cu, Ni; x = 3, 4$ ) Oxamato Complexes with $Cu_{12}$ Metallacyclophane Cores. <i>Inorganic Chemistry</i> , 2007, 46, 4504-4514.	4.0	45
74	New metabolites from the marine mollusc <i>siphonaria grisea</i> . <i>Tetrahedron</i> , 1990, 46, 1669-1678.	1.9	44
75	Zeolite-like Nanoporous Gadolinium Complexes Incorporating Alkaline Cations. <i>Crystal Growth and Design</i> , 2006, 6, 87-93.	3.0	44
76	Spin Control in Ladderlike Hexanuclear Copper(II) Complexes with Metallacyclophane Cores. <i>Inorganic Chemistry</i> , 2004, 43, 2768-2770.	4.0	43
77	4,2-Ribbon like ferromagnetic cyano-bridged $Fe_{12}Ni_{12}$ chains: a magneto-structural study. <i>Dalton Transactions</i> , 2007, , 3690.	3.3	43
78	Synthesis, crystal structures and magnetic properties of tricyanomethanide-containing copper(II) complexes. <i>Dalton Transactions</i> , 2008, , 1583.	3.3	43
79	Well-resolved unusual alternating cyclic water tetramers embedded in a crystal host. <i>CrystEngComm</i> , 2008, 10, 1743.	2.6	43
80	Ferromagnetic coupling and magnetic anisotropy in oxalato-bridged trinuclear chromium(III)-cobalt(II) complexes with aromatic diimine ligands. <i>Dalton Transactions</i> , 2010, 39, 2350-2358.	3.3	42
81	Magnetic Anisotropy of a High-Spin Octanuclear Nickel(II) Complex with meso-Helicite Core. <i>Inorganic Chemistry</i> , 2004, 43, 7594-7596.	4.0	41
82	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
83	$[Fe(phen)(CN)_4]^{2-}$ : a suitable metalloligand unit to build 3d-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
84	A phase transition in the novel three-dimensional compound $[Eu_2(mal)_3(H_2O)_6]$ ( $H_2mal$ = malonic acid). <i>Dalton Transactions RSC</i> , 2002, , 3462-3470.	2.3	40
85	Versatile supramolecular self-assembly. Part I. Network formation and magnetic behaviour of the alkaline salts of the bis(malonate)cuprate(II) anion. <i>CrystEngComm</i> , 2006, 8, 507-529.	2.6	40
86	Metal-organic and supramolecular lead 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
87	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
88	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
89	Magnetic coupling in discrete cyano-bridged $Mn_{12}Fe_{12}$ motifs: Synthesis, crystal structure, magnetic properties and theoretical study. <i>Dalton Transactions</i> , 2010, 39, 5028.	3.3	39
90	Photoswitching of the antiferromagnetic coupling in an oxamato-based dicopper(II) anthracenophane. <i>Chemical Communications</i> , 2011, 47, 11035.	4.1	39



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91	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
92	Diterpenoids from <i>Calceolaria thyrsoiflora</i> . <i>Phytochemistry</i> , 1991, 30, 589-592.	2.9	38
93	Versatile supramolecular self-assembly : Part II. Network formation and magnetic behaviour of copper(ii) malonate anions in ammonium derivatives. <i>CrystEngComm</i> , 2006, 8, 530-544.	2.6	38
94	Dimer species in dimethyl sulfoxide/water (80/20 w/w) solution of N,N'-bis(salicylideneimine)-m-phenylenediamine (H <sub>2</sub> sal-m-phen) and similar Schiff bases with Cu(I), Ni(II), Co(II) and Zn(II). Crystal structure of [Co <sub>2</sub> (sal-m-phen) <sub>2</sub> ·CHCl <sub>3</sub> ·3H <sub>2</sub> O]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 4327-4334.	1.1	37
95	The Construction of Open Gd <sup>III</sup> Metal-Organic Frameworks Based on Methanetriacetic Acid: New Objects with an Old Ligand. <i>Chemistry - A European Journal</i> , 2010, 16, 4037-4047.	3.3	37
96	Dimensionally controlled hydrogen-bonded nanostructures: synthesis, structure, thermal and magnetic behaviour of the tris-(chelated)nickel(II) complex [Ni(bipy) <sub>3</sub> ]Cl <sub>2</sub> ·5.5H <sub>2</sub> O (bipy=2,2'-bipyridyl). <i>Inorganica Chimica Acta</i> , 2002, 336, 131-136.	2.4	36
97	Supramolecular Loop-Chain Network of Pillared Layers via 4,4'-Bipyridine. <i>Crystal Growth and Design</i> , 2004, 4, 57-61.	3.0	36
98	Heterotrimetallic Oxalato-Bridged Re <sub>2</sub> V <sub>2</sub> MII Complexes (M = Mn, Co, Ni, Cu): Synthesis, Crystal Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2007, 46, 3523-3530.	4.0	36
99	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
100	Low-Dimensional 3d <sup>4f</sup> Complexes Assembled by Low-Spin [Fe <sup>III</sup> (phen)(CN) <sub>4</sub> ] <sup>-</sup> Anions. <i>Inorganic Chemistry</i> , 2013, 52, 1525-1537.	4.0	35
101	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
102	[MIII(bpym)(CN) <sub>4</sub> ] <sup>-</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
103	Long-distance magnetic coupling in dinuclear copper(II) complexes with oligo-para-phenylenediamine bridging ligands. <i>Inorganica Chimica Acta</i> , 2010, 363, 1666-1678.	2.4	34
104	A green metal-organic framework to monitor water contaminants. <i>RSC Advances</i> , 2018, 8, 31304-31310.	3.6	34
105	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
106	Spin Control in Oxamate-Based Manganese(II)-Copper(II) Coordination Polymers with Brick-Wall Layer Architectures. <i>Inorganic Chemistry</i> , 2011, 50, 8694-8696.	4.0	33
107	[FeIII(dmbpy)(CN) <sub>4</sub> ] <sup>-</sup> : a new building block for designing single-chain magnets. <i>Dalton Transactions</i> , 2012, 41, 13716.	3.3	33
108	Slow Relaxation of the Magnetization in a 4,2-Wavelike Fe <sup>III</sup> -Co <sup>II</sup> Heterobimetallic Chain. <i>Inorganic Chemistry</i> , 2012, 51, 1216-1218.	4.0	33

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109	Protonated malonate: the influence of the hydrogen bonds on the magnetic behaviour. <i>CrystEngComm</i> , 2004, 6, 443-450.	2.6	32
110	Hybrid materials containing organometallic cations and 3-D anionic metal dicyanamide networks of type $[Cp^*2M][M^{2+}(dca)_3]$ . <i>Dalton Transactions</i> , 2005, , 285-290.	3.3	32
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