

# Jorge Pasn

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1922599/jorge-pasan-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

131  
papers

4,672  
citations

40  
h-index

63  
g-index

138  
ext. papers

4,956  
ext. citations

5.1  
avg, IF

5.31  
L-index

#	Paper	IF	Citations
131	Hybrid Materials Formed with Green Metal-Organic Frameworks and Polystyrene as Sorbents in Dispersive Micro-Solid-Phase Extraction for Determining Personal Care Products in Micellar Cosmetics.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	1
130	Zirconium-Based Metal-Organic Framework Mixed-Matrix Membranes as Analytical Devices for the Trace Analysis of Complex Cosmetic Samples in the Assessment of Their Personal Care Product Content.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2022</b> ,	9.5	2
129	Molecular engineering of an inverse hexacopper(II) coordination complex with a photoactive metallacyclophane centroligand as prototype of a magnetic photoswitch. <i>Polyhedron</i> , <b>2022</b> , 217, 115732 <sup>2-7</sup>		0
128	Dynamic Nucleophilic Aromatic Substitution of Tetrazines. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 18931-18939	3.6	0
127	Dynamic Nucleophilic Aromatic Substitution of Tetrazines. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 18783-18791	16.4	5
126	Headspace solid-phase microextraction based on the metal-organic framework CIM-80(Al) coating to determine volatile methylsiloxanes and musk fragrances in water samples using gas chromatography and mass spectrometry. <i>Talanta</i> , <b>2021</b> , 232, 122440	6.2	7
125	Insights into Paraben Adsorption by Metal-Organic Frameworks for Analytical Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 45639-45650	9.5	3
124	Application of MOFs and Their Derived Materials in Solid-Phase Extraction <b>2020</b> , 219-261		
123	Solid-phase microextraction coatings based on the metal-organic framework ZIF-8: Ensuring stable and reusable fibers. <i>Talanta</i> , <b>2020</b> , 215, 120910	6.2	23
122	Core-shell microparticles formed by the metal-organic framework CIM-80(Al) (Silica@CIM-80(Al)) as sorbent material in miniaturized dispersive solid-phase extraction. <i>Talanta</i> , <b>2020</b> , 211, 120723	6.2	14
121	Influence of counterions on the supramolecular frameworks of isoquinoline-based silver(I) complexes. <i>CrystEngComm</i> , <b>2020</b> , 22, 95-104	3.3	
120	Green solid-phase microextraction fiber coating based on the metal-organic framework CIM-80(Al): Analytical performance evaluation in direct immersion and headspace using gas chromatography and mass spectrometry for the analysis of water, urine and brewed coffee. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1133, 137-149	6.6	16
119	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> , <b>2020</b> , 56, 12242-12245	5.8	2
118	Metal-Organic Frameworks as Key Materials for Solid-Phase Microextraction Devices: A Review. <i>Separations</i> , <b>2019</b> , 6, 47	3.1	48
117	The Rise of Metal-Organic Frameworks in Analytical Chemistry <b>2019</b> , 463-502		6
116	On the magneto-structural role of the coordinating anion in oxamato-bridged copper(ii) derivatives. <i>Dalton Transactions</i> , <b>2019</b> , 48, 10260-10274	4.3	3
115	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 = pyrazolate; hppa = R,S-2-hydroxo-2-phenyl-2-(1-pyrazolyl)acetate]. <i>Polyhedron</i> , <b>2019</b> , 170, 217-222	2.7	2

114	Metal-Organic Frameworks in Green Analytical Chemistry. <i>Separations</i> , <b>2019</b> , 6, 33	3.1	40
113	Mixed Functionalization of Organic Ligands in UiO-66: A Tool to Design Metal-Organic Frameworks for Tailored Microextraction. <i>Molecules</i> , <b>2019</b> , 24,	4.8	9
112	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> , <b>2019</b> , 24,	4.8	17
111	Ferromagnetic coupling through the oxalate bridge in heterobimetallic Cr(III)M(II) (M = Mn and Co) assemblies. <i>Comptes Rendus Chimie</i> , <b>2019</b> , 22, 452-465	2.7	7
110	One-dimensional oxalato-bridged heterobimetallic coordination polymers by using [the [Cr(pyim)(C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> ] <sub>n</sub> complex as metalloligand [pyim = 2-(2'-pyridyl)imidazole]. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 486, 150-157	2.7	3
109	Anion-Interactions in Hollow Crystals of a Copper(II)-Cyamelurate Coordination Complex. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 2636-2644	3.5	11
108	Halogen bonding two-point recognition with terphenyl derivatives. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 10476-10480	3.6	13
107	Dicopper(II) metallacyclophanes with photoswitchable oligoacene spacers: a joint experimental and computational study on molecular magnetic photoswitches. <i>Journal of Coordination Chemistry</i> , <b>2018</b> , 71, 675-692	1.6	3
106	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> , <b>2018</b> , 179, 775-783	6.2	39
105	Magnetostructural relationships in polymorphic ethylmalonate-containing copper(II) coordination polymers. <i>CrystEngComm</i> , <b>2018</b> , 20, 7464-7472	3.3	2
104	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> , <b>2018</b> , 23,	4.8	27
103	A green metal-organic framework to monitor water contaminants.. <i>RSC Advances</i> , <b>2018</b> , 8, 31304-31310	3.7	25
102	Crystal structure analysis of supramolecular arrangements in bis(1-isoquinolinecarboxamide)alkanes and their Ag(I) complexes. <i>CrystEngComm</i> , <b>2017</b> , 19, 1076-1088	3.3	2
101	Photoluminescent and Slow Magnetic Relaxation Studies on Lanthanide(III)-2,5-pyrazinedicarboxylate Frameworks. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 2108-2123	5.1	38
100	Tailor-made copper(II) coordination polymers based on the C <sub>3</sub> symmetric methanetriacetate as a ligand. <i>CrystEngComm</i> , <b>2017</b> , 19, 376-390	3.3	0
99	Cadmium(II) coordination polymers based on substituted malonic acid: synthesis, characterization and photoluminescence properties. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 1384-1392	6.8	6
98	Metal-organic frameworks as novel sorbents in dispersive-based microextraction approaches. <i>TRAC - Trends in Analytical Chemistry</i> , <b>2017</b> , 90, 114-134	14.6	101
97	A novel oxalate-based three-dimensional coordination polymer showing magnetic ordering and high proton conductivity. <i>Dalton Transactions</i> , <b>2017</b> , 46, 15130-15137	4.3	13

96	Crystal growth and structural remarks on malonate-based lanthanide coordination polymers. <i>CrystEngComm</i> , <b>2016</b> , 18, 7831-7842	3.3	9
95	Are metal-organic frameworks able to provide a new generation of solid-phase microextraction coatings? - A review. <i>Analytica Chimica Acta</i> , <b>2016</b> , 939, 26-41	6.6	132
94	Adsorption of silver nanoparticles from aqueous solution on copper-based metal organic frameworks (HKUST-1). <i>Chemosphere</i> , <b>2016</b> , 150, 659-666	8.4	21
93	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> , <b>2016</b> , 1436, 42-50	4.5	91
92	Extending the halogen-bonded supramolecular synthon concept to 1,3,4-oxadiazole derivatives. <i>CrystEngComm</i> , <b>2016</b> , 18, 42-47	3.3	8
91	Solid-State Molecular Nanomagnet Inclusion into a Magnetic Metal-Organic Framework: Interplay of the Magnetic Properties. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 539-45	4.8	55
90	Solid-State Molecular Nanomagnet Inclusion into a Magnetic Metal-Organic Framework: Interplay of the Magnetic Properties. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 441	4.8	2
89	Recognition of self-assembled water-nitrate cluster in a Co(III)-2,2'-bipyridine host: Synthesis, X-ray structure, DNA cleavage, molecular docking and anticancer activity. <i>Journal of Chemical Sciences</i> , <b>2016</b> , 128, 1755-1764	1.8	21
88	Postsynthetic Improvement of the Physical Properties in a Metal-Organic Framework through a Single Crystal to Single Crystal Transmetalation. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 6521-5	16.4	84
87	Cation Exchange in Dynamic 3D Porous Magnets: Improvement of the Physical Properties. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 10834-40	5.1	17
86	Double interpenetration in a chiral three-dimensional magnet with a (10,3)-a structure. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 8890-2	5.1	14
85	Postsynthetic Improvement of the Physical Properties in a Metal-Organic Framework through a Single Crystal to Single Crystal Transmetalation. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 6621-6625	3.6	13
84	Synthesis and structural characterization of six Cu(II)-based coordination polymers using the thermally tunable 1,2,3,4-cyclobutanetetracarboxylic acid. <i>CrystEngComm</i> , <b>2015</b> , 17, 5081-5093	3.3	6
83	Metallosupramolecular approach toward multifunctional magnetic devices for molecular spintronics. <i>Coordination Chemistry Reviews</i> , <b>2015</b> , 303, 110-138	23.2	56
82	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> , <b>2015</b> , 139, 13-20	6.2	123
81	Halide copper(II) complexes of aromatic N-donor containing ligands: Structural, magnetic and reactivity studies. <i>Journal of Structural Chemistry</i> , <b>2015</b> , 56, 1563-1571	0.9	7
80	Oxamato-based coordination polymers: recent advances in multifunctional magnetic materials. <i>Chemical Communications</i> , <b>2014</b> , 50, 7569-85	5.8	94
79	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 = 1,2,3,4-cyclobutanetetracarboxylic acid). <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 5674-83	5.1	15

78	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> , <b>2014</b> , 16, 2766	3.3	22
77	A Trinuclear Zinc Schiff Base Complex: Biocatalytic Activity and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3350-3358	2.3	75
76	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> , <b>2014</b> , 53, 6299-308	5.1	20
75	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> , <b>2014</b> , 70, 19-27	1.8	5
74	Influence of the coligand in the magnetic properties of a series of copper(II) phenylmalonate complexes. <i>CrystEngComm</i> , <b>2014</b> , 16, 8106-8118	3.3	13
73	Conformational influence of quinoline moieties in the crystal packing of bis(quinolinecarboxamide)alkane derivatives. <i>CrystEngComm</i> , <b>2013</b> , 15, 7212	3.3	2
72	Synthesis, Crystal Structure and Magnetic Characterization of a Series of CuII/III Heterometallic [Ln = La, Ce, Pr, Nd and Sm) Metal Organic Compounds with an Unusual Single Crystal to Single Crystal Phase Transition. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 4735-4745	3.5	16
71	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> , <b>2013</b> , 52, 12818-27	5.1	8
70	A step further in the comprehension of the magnetic coupling in gadolinium(III)-based carboxylate complexes. <i>Polyhedron</i> , <b>2013</b> , 52, 321-332	2.7	21
69	Solution and solid state studies with the bis-oxalato building block [Cr(pyim)(C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> ] [pyim = 2-(2'-pyridyl)imidazole]. <i>Journal of Coordination Chemistry</i> , <b>2013</b> , 66, 3349-3364	1.6	10
68	Synthesis, crystal structures and tautomerism in novel oximes based on hydroxyalkylpyrazolones. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 2002	3.6	5
67	Self-assembly of a chiral three-dimensional manganese(II) copper(II) coordination polymer with a double helical architecture. <i>CrystEngComm</i> , <b>2013</b> , 15, 9312	3.3	17
66	Dicopper(II) Metallacyclophanes with Electroswitchable Polymethyl-Substituted para-Phenylene Spacers. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 12124-37	4.8	25
65	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> , <b>2012</b> , 18, 1608-17	4.8	81
64	Redox switching of the antiferromagnetic coupling in permethylated dicopper(II) paracyclophanes. <i>Chemical Communications</i> , <b>2012</b> , 48, 8401-3	5.8	22
63	Ligand effects on the dimensionality of oxamato-bridged mixed-metal open-framework magnets. <i>Chemical Communications</i> , <b>2012</b> , 48, 3539-41	5.8	15
62	Influence of the alkaline earth cations on the topology of MII/CuII mixed-metal organic frameworks (M = Ca, Sr and Ba). <i>CrystEngComm</i> , <b>2012</b> , 14, 761-764	3.3	16
61	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> , <b>2012</b> , 134, 15265-8	16.4	63

60	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> , <b>2012</b> , 12, 4505-4518	3.5	17
59	Highly selective chemical sensing in a luminescent nanoporous magnet. <i>Advanced Materials</i> , <b>2012</b> , 24, 5625-9	2.4	121
58	Dryness sensitive porous 3D metal-organic framework with unusual dynamic behaviour. <i>CrystEngComm</i> , <b>2012</b> , 14, 765-767	3.3	20
57	Synthesis, structural analysis, and thermal and spectroscopic studies of methylmalonate-containing zinc(II) complexes. <i>Comptes Rendus Chimie</i> , <b>2012</b> , 15, 911-923	2.7	5
56	Homochiral lanthanoid(III) mesoxalate metal-organic frameworks: synthesis, crystal growth, chirality, magnetic and luminescent properties. <i>CrystEngComm</i> , <b>2012</b> , 14, 2635	3.3	71
55	Novel Malonate-Containing Coordination Compounds with Ligands Having N- and NO-Donors: Synthesis, Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 599-614	3.5	27
54	[Fe(III)(dmbpy)(CN) <sub>4</sub> ]-: a new building block for designing single-chain magnets. <i>Dalton Transactions</i> , <b>2012</b> , 41, 13716-26	4.3	31
53	Two-dimensional (6,3) networks obtained with the {Cu <sub>3</sub> (Hmesox) <sub>3</sub> } <sub>3</sub> secondary building unit (H <sub>4</sub> mesox = mesoxalic acid). <i>CrystEngComm</i> , <b>2012</b> , 14, 4289	3.3	10
52	Selective gas and vapor sorption and magnetic sensing by an isorecticular mixed-metal-organic framework. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 15301-4	16.4	102
51	Solid-state aggregation of metallacyclophane-based Mn(II)Cu(II) one-dimensional ladders. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 7019-21	5.1	14
50	Copper(II) complexes with 2,5-bis(2-pyridyl)pyrazine and oxalate and croconate: Synthesis, crystal structure and magnetic properties. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 389, 52-59	2.7	8
49	Spin control in oxamato-based manganese(II)-copper(II) coordination polymers with brick-wall layer architectures. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 8694-6	5.1	32
48	Synthesis, structural analysis, and magnetic properties of ethylmalonate-manganese(II) complexes. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 10765-76	5.1	14
47	A three-dimensional copper(II) 12-metallacrown-4 complex with malonomonohydroxamic acid (H <sub>3</sub> mmh) as a ligand. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 1817	3.6	24
46	Copper(II)-phenylmalonate complexes with the bifunctional ligands nicotinamide and isonicotinamide. <i>Polyhedron</i> , <b>2011</b> , 30, 2451-2458	2.7	10
45	Chromium(III) complexes with 2-(2'-pyridyl)imidazole: Synthesis, crystal structure and magnetic properties. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 376, 358-366	2.7	18
44	Synthesis, crystal structures and magnetic properties of M(II)Cu(II) chains (M = Mn and Co) with sterically hindered alkyl-substituted phenyloxamate bridging ligands. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 2176-88	4.8	55
43	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). <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 12482-94	4.8	77

42	Photoswitching of the antiferromagnetic coupling in an oxamato-based dicopper(II) anthracenophane. <i>Chemical Communications</i> , <b>2011</b> , 47, 11035-7	5.8	36
41	[Cu <sub>3</sub> (Hmesox) <sub>3</sub> ] <sup>3-</sup> : a precursor for the rational design of chiral molecule-based magnets (H <sub>4</sub> mesox = 2-dihydroxymalonic acid). <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 7880-9	5.1	17
40	Tuning the spin ground state in heterononanuclear nickel(II)-copper(II) cylinders with a triangular metallacyclophane core. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 11264-6	5.1	4
39	Variation of the ground spin state in homo- and hetero-octanuclear copper(II) and nickel(II) double-star complexes with a meso-helicate-type metallacryptand core. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4786-801	4.3	9
38	Intramolecular ferro- and antiferromagnetic interactions in oxo-carboxylate bridged digadolinium(III) complexes. <i>Dalton Transactions</i> , <b>2010</b> , 39, 7286-93	4.3	48
37	Metal-organic coordination frameworks based on mixed methylmalonate and 4,4'-bipyridine ligands: synthesis, crystal structure and magnetic properties. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 2515	3.6	22
36	Single chain magnet behaviour in an enantiopure chiral cobalt(II)-copper(II) one-dimensional compound. <i>Chemical Communications</i> , <b>2010</b> , 46, 2322-4	5.8	98
35	Supramolecular coordination chemistry of aromatic polyoxalamide ligands: A metallosupramolecular approach toward functional magnetic materials. <i>Coordination Chemistry Reviews</i> , <b>2010</b> , 254, 2281-2296	23.2	168
34	The construction of open Gd(III) metal-organic frameworks based on methanetriacetic acid: new objects with an old ligand. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 4037-47	4.8	36
33	Oligo-m-phenyleneoxalamide copper(II) mesocates as electro-switchable ferromagnetic metal-organic wires. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 12838-51	4.8	27
32	All-cis-1,2,3,4,5,6-cyclohexanehexacarboxylate two-dimensional gadolinium(III) complexes: Synthesis, X-ray crystal structure and magnetic properties. <i>Polyhedron</i> , <b>2010</b> , 29, 188-195	2.7	12
31	Copper(II)-methylmalonate complexes with unidentate N-donor ligands: Syntheses, structural characterization and magnetic properties. <i>Polyhedron</i> , <b>2009</b> , 28, 1802-1807	2.7	13
30	Study of the influence of the bridge on the magnetic coupling in cobalt(II) complexes. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 11342-51	5.1	77
29	Cobalt(II) sheet-like systems based on diacetic ligands: from subtle structural variances to different magnetic behaviors. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 6086-95	5.1	50
28	Dinuclear and two- and three-dimensional gadolinium(III) complexes with mono- and dicarboxylate ligands: synthesis, structure and magnetic properties. <i>CrystEngComm</i> , <b>2009</b> , 11, 2131	3.3	62
27	Redox switch-off of the ferromagnetic coupling in a mixed-spin tricobalt(II) triple mesocate. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 14614-5	16.4	35
26	Molecular-programmed self-assembly of homo- and heterometallic tetranuclear coordination compounds: synthesis, crystal structures, and magnetic properties of rack-type Cu(II) <sub>2</sub> M(II) <sub>2</sub> complexes (M = Cu and Ni) with tetranucleating phenylenedioxamato bridging ligands. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 4661-73	5.1	18
25	Influence of the Aliphatic Wrapping in the Crystal Structure of Benzene Tricarboxamide Supramolecular Polymers. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 4987-4989	3.5	25

24	Novel cobalt(II) coordination polymers based on 1,2,4,5-benzenetetracarboxylic acid and extended bis-monodentate ligands. <i>CrystEngComm</i> , <b>2009</b> , 11, 2169	3.3	36
23	(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> , <b>2008</b> , 8, 3984-3992	3.5	48
22	Crystal structure and magnetic properties of two isomeric three-dimensional pyromellitate-containing cobalt(II) complexes. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8053-61	5.1	66
21	Well-resolved unusual alternating cyclic water tetramers embedded in a crystal host. <i>CrystEngComm</i> , <b>2008</b> , 10, 1743	3.3	39
20	Crystal Engineering of Complexes of Propane-1,2,3-tricarboxylic Acid (H3tca) with Lanthanide(III) Cations <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 1313-1318	3.5	22
19	1,2,4,5-benzenetetracarboxylate- and 2,2Rbipyrimidine-containing cobalt(II) coordination polymers: preparation, crystal structure, and magnetic properties. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 3568-76	5.1	97
18	Crystal engineering of 3-D coordination polymers by pillaring ferromagnetic copper(II)-methylmalonate layers. <i>CrystEngComm</i> , <b>2007</b> , 9, 478-487	3.3	88
17	Molecular-programmed self-assembly of homo- and heterometallic penta- and hexanuclear coordination compounds: synthesis, crystal structures, and magnetic properties of ladder-type $CuII_2MII_x$ (M=Cu, Ni; x=3, 4) oxamato complexes with $CuII_2$ metallacyclophane cores. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 7458-65	5.1	41
16	Unusual ( $\mu$ -aqua)bis( $\mu$ -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> , <b>2007</b> , 46, 7458-65	5.1	83
15	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> , <b>2007</b> , 9, 815	3.3	69
14	Solid-State Anion Guest Encapsulation by Metallosupramolecular Capsules Made from Two Tetranuclear Copper(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 4569-4573	2.3	7
13	Two- and three-dimensional networks of gadolinium(III) with dicarboxylate ligands: synthesis, crystal structure, and magnetic properties. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 10585-94	5.1	84
12	Metamagnetism in hydrophobically induced carboxylate (phenylmalonate)-bridged copper(II) layers. <i>Chemical Communications</i> , <b>2006</b> , 2857-9	5.8	31
11	[Fe(bpym)(CN) <sub>4</sub> ]-: a new building block for designing single-chain magnets. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 4842-53	16.4	241
10	Influence of the presence of divalent first-row transition metal ions on the structure of sodium(I) salts of 1,2,3,4-benzenetetracarboxylic acid (H4bta). <i>CrystEngComm</i> , <b>2006</b> , 8, 338-345	3.3	28
9	Polymeric networks of copper(II) phenylmalonate with heteroaromatic n-donor ligands: synthesis, crystal structure, and magnetic properties. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 7794-801	5.1	49
8	Phenylmalonate-Containing Copper(II) Complexes: Synthesis, Crystal Structure and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 4081-4090	2.3	56
7	Self-assembly and magnetic properties of a double-propeller octanuclear copper(II) complex with a meso-helicate-type metallacryptand core. <i>Chemical Communications</i> , <b>2004</b> , 920-1	5.8	28



6	Magnetic anisotropy of a high-spin octanuclear nickel(II) complex with a meso-helicate core. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 7594-6	5.1	39
5	Malonate-based copper(II) coordination compounds: ferromagnetic coupling controlled by dicarboxylates. <i>Polyhedron</i> , <b>2003</b> , 22, 2143-2153	2.7	101
4	Malonic acid: a multi-modal bridging ligand for new architectures and properties on molecule-based magnets. <i>Polyhedron</i> , <b>2003</b> , 22, 2111-2123	2.7	74
3	$\{[\text{Cu}(\text{H}_2\text{O})_3][\text{Cu}(\text{phmal})_2]\}_n$ : a new two-dimensional copper(II) complex with intralayer ferromagnetic interactions (phmal = phenylmalonate dianion). <i>New Journal of Chemistry</i> , <b>2003</b> , 27, 1557-1562	3.6	49
2	Structural versatility of the malonate ligand as a tool for crystal engineering in the design of molecular magnets. <i>CrystEngComm</i> , <b>2002</b> , 4, 522-535	3.3	130
1	The flexibility of molecular components as a suitable tool in designing extended magnetic systems. <i>CrystEngComm</i> , <b>2002</b> , 4, 440-446	3.3	59