Jorge PasÃ¡n

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1922599/publications.pdf

Version: 2024-02-01

133 papers	5,278 citations	66343 42 h-index	98798 67 g-index
138 all docs	138 docs citations	138 times ranked	4475 citing authors

#	Article	IF	Citations
1	Zirconium-Based Metalâ€“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. ACS Applied Materials & Interfaces, 2022, 14, 4510-4521.	8.0	11
2	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. Molecules, 2022, 27, 813.	3.8	6
3	Molecular engineering of an inverse hexacopper(II) coordination complex with a photoactive metallacyclophane centroligand as prototype of a magnetic photoswitch. Polyhedron, 2022, 217, 115732.	2.2	2
4	Thin-film microextraction using the metal-organic framework DUT-52 for determining endocrine disrupting chemicals in cosmetics. Microchemical Journal, 2022, 181, 107685.	4.5	12
5	Dynamic Nucleophilic Aromatic Substitution of Tetrazines. Angewandte Chemie, 2021, 133, 18931-18939.	2.0	3
6	Dynamic Nucleophilic Aromatic Substitution of Tetrazines. Angewandte Chemie - International Edition, 2021, 60, 18783-18791.	13.8	26
7	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. Talanta, 2021, 232, 122440.	5.5	21
8	Insights into Paraben Adsorption by Metalâ€“Organic Frameworks for Analytical Applications. ACS Applied Materials & Interfaces, 2021, 13, 45639-45650.	8.0	9
9	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. Talanta, 2020, 211, 120723.	5.5	19
10	Influence of counterions on the supramolecular frameworks of isoquinoline-based silver(i) complexes. CrystEngComm, 2020, 22, 95-104.	2.6	0
11	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. Analytica Chimica Acta, 2020, 1133, 137-149.	5.4	30
12	Electroswitching of the single-molecule magnet behaviour in an octahedral spin crossover cobalt(<scp>ii</scp>) complex with a redox-active pyridinediimine ligand. Chemical Communications, 2020, 56, 12242-12245.	4.1	8
13	Solid-phase microextraction coatings based on the metal-organic framework ZIF-8: Ensuring stable and reusable fibers. Talanta, 2020, 215, 120910.	5.5	36
14	Catalina Ruiz-PÃ©rez (1957â€“2019). Journal of Applied Crystallography, 2020, 53, 305-305.	4.5	0
15	Metal-Organic Frameworks in Green Analytical Chemistry. Separations, 2019, 6, 33.	2.4	80
16	Mixed Functionalization of Organic Ligands in UiO-66: A Tool to Design Metalâ€“Organic Frameworks for Tailored Microextraction. Molecules, 2019, 24, 3656.	3.8	15
17	Metalâ€“Organic Frameworks as Key Materials for Solid-Phase Microextraction Devicesâ€”A Review. Separations, 2019, 6, 47.	2.4	74
18	On the magneto-structural role of the coordinating anion in oxamato-bridged copper(<scp>ii</scp>) derivatives. Dalton Transactions, 2019, 48, 10260-10274.	3.3	5

#	Article	IF	Citations
19	Synthesis, crystal structure and magnetic properties of the cyclic tetranuclear compound [Cu4(pz)4(hppa)2(H2O)4] [pzâ€¯=â€¯pyrazolate; hppaâ€¯=â€¯R,S-2-hydroxo-2-phenyl-2-(1-pyrazolyl)acetate]. Polyhedron, 2019, 170, 217-222.	2.2	4
20	Application of a Pillared-Layer Zn-Triazolate Metal-Organic Framework in the Dispersive Miniaturized Solid-Phase Extraction of Personal Care Products from Wastewater Samples. Molecules, 2019, 24, 690.	3.8	20
21	Ferromagnetic coupling through the oxalate bridge in heterobimetallic Cr(III)â€“M(II) (M = Mn and Co) assemblies. Comptes Rendus Chimie, 2019, 22, 452-465.	0.5	7
22	One-dimensional oxalato-bridged heterobimetallic coordination polymers by using [the [Cr(pyim)(C2O4)2]â^' complex as metalloligand [pyimâ€¯=â€¯2-(2â€²-pyridyl)imidazole]. Inorganica Chimica Acta, 2019, 486, 150-157.	2.4	4
23	Anionâ^'Ï€ Interactions in Hollow Crystals of a Copper(II)-Cyamelurate Coordination Complex. Crystal Growth and Design, 2018, 18, 2636-2644.	3.0	12
24	Halogen bonding two-point recognition with terphenyl derivatives. New Journal of Chemistry, 2018, 42, 10476-10480.	2.8	17
25	Dicopper(II) metallacyclophanes with photoswitchable oligoacene spacers: a joint experimental and computational study on molecular magnetic photoswitches. Journal of Coordination Chemistry, 2018, 71, 675-692.	2.2	3
26	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. Talanta, 2018, 179, 775-783.	5.5	52
27	Magnetostructural relationships in polymorphic ethylmalonate-containing copper(<scp>ii</scp>) coordination polymers. CrystEngComm, 2018, 20, 7464-7472.	2.6	3
28	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. Molecules, 2018, 23, 2869.	3.8	40
29	A green metalâ€“organic framework to monitor water contaminants. RSC Advances, 2018, 8, 31304-31310.	3.6	34
30	Crystal structure analysis of supramolecular arrangements in bis(1-isoquinolinecarboxamide)alkanes and their Ag(<scp>i</scp>) complexes. CrystEngComm, 2017, 19, 1076-1088.	2.6	2
31	Photoluminescent and Slow Magnetic Relaxation Studies on Lanthanide(III)-2,5-pyrazinedicarboxylate Frameworks. Inorganic Chemistry, 2017, 56, 2108-2123.	4.0	49
32	Structures and thermal stability of the Î±-LiNH₄SO₄ polytypes doped with Er³⁺ and Yb³⁺. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 122-133.	1.1	5
33	Tailor-made copper(ii) coordination polymers based on the C3symmetric methanetriacetate as a ligand. CrystEngComm, 2017, 19, 376-390.	2.6	1
34	Cadmium(ii) coordination polymers based on substituted malonic acid: synthesis, characterization and photoluminescence properties. Inorganic Chemistry Frontiers, 2017, 4, 1384-1392.	6.0	10
35	Metal-organic frameworks as novel sorbents in dispersive-based microextraction approaches. TrAC - Trends in Analytical Chemistry, 2017, 90, 114-134.	11.4	119
36	A novel oxalate-based three-dimensional coordination polymer showing magnetic ordering and high proton conductivity. Dalton Transactions, 2017, 46, 15130-15137.	3.3	15

#	Article	IF	Citations
37	Solidâ€State Molecular Nanomagnet Inclusion into a Magnetic Metalâ€“Organic Framework: Interplay of the Magnetic Properties. Chemistry - A European Journal, 2016, 22, 539-545.	3.3	61
38	Solid-State Molecular Nanomagnet Inclusion into a Magnetic Metal-Organic Framework: Interplay of the Magnetic Properties. Chemistry - A European Journal, 2016, 22, 441-441.	3.3	2
39	Recognition of self-assembled water-nitrate cluster in a Co(III)-2,2â€²-bipyridine host: Synthesis, X-ray structure, DNA cleavage, molecular docking and anticancer activity. Journal of Chemical Sciences, 2016, 128, 1755-1764.	1.5	27
40	Crystal growth and structural remarks on malonate-based lanthanide coordination polymers. CrystEngComm, 2016, 18, 7831-7842.	2.6	11
41	Are metal-organic frameworks able to provide a new generation of solid-phase microextraction coatings? â€“ A review. Analytica Chimica Acta, 2016, 939, 26-41.	5.4	171
42	Adsorption of silver nanoparticles from aqueous solution on copper-based metal organic frameworks (HKUST-1). Chemosphere, 2016, 150, 659-666.	8.2	39
43	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. Journal of Chromatography A, 2016, 1436, 42-50.	3.7	100
44	Extending the halogen-bonded supramolecular synthon concept to 1,3,4-oxadiazole derivatives. CrystEngComm, 2016, 18, 42-47.	2.6	11
45	Synthesis and structural characterization of six Cu(<scp>ii</scp>)-based coordination polymers using the thermally tunable 1,2,3,4-cyclobutanetetracarboxylic acid. CrystEngComm, 2015, 17, 5081-5093.	2.6	7
46	Metallosupramolecular approach toward multifunctional magnetic devices for molecular spintronics. Coordination Chemistry Reviews, 2015, 303, 110-138.	18.8	64
47	The metalâ€“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. Talanta, 2015, 139, 13-20.	5.5	144
48	Halide copper(II) complexes of aromatic N-donor containing ligands: Structural, magnetic and reactivity studies. Journal of Structural Chemistry, 2015, 56, 1563-1571.	1.0	7
49	Postsynthetic Improvement of the Physical Properties in a Metalâ€“Organic Framework through a Single Crystal to Single Crystal Transmetallation. Angewandte Chemie - International Edition, 2015, 54, 6521-6525.	13.8	98
50	Cation Exchange in Dynamic 3D Porous Magnets: Improvement of the Physical Properties. Inorganic Chemistry, 2015, 54, 10834-10840.	4.0	20
51	Double Interpenetration in a Chiral Three-Dimensional Magnet with a (10,3)-a Structure. Inorganic Chemistry, 2015, 54, 8890-8892.	4.0	15
52	Influence of the coligand in the magnetic properties of a series of copper(ii)â€“phenylmalonate complexes. CrystEngComm, 2014, 16, 8106-8118.	2.6	14
53	Oxamato-based coordination polymers: recent advances in multifunctional magnetic materials. Chemical Communications, 2014, 50, 7569-7585.	4.1	103
54	Synthesis, Crystal Structure, and Magnetic Characterization of the Three-Dimensional Compound [Co₂(cbut)(H₂O)₃]_n (H₄cbut =) Tj ETQq0 0 0 rgBT /Overlock 1	4.0	15

#	Article	IF	Citations
55	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. CrystEngComm, 2014, 16, 2766.	2.6	27
56	A Trinuclear Zincâ€“Schiff Base Complex: Biocatalytic Activity and Cytotoxicity. European Journal of Inorganic Chemistry, 2014, 2014, 3350-3358.	2.0	89
57	Two-Dimensional 3dâ€“4f Heterometallic Coordination Polymers: Syntheses, Crystal Structures, and Magnetic Properties of Six New Co(II)â€“Ln(III) Compounds. Inorganic Chemistry, 2014, 53, 6299-6308.	4.0	20
58	Three new europium(III) methanetriacetate metal-organic frameworks: the influence of synthesis on the product topology. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 19-27.	1.1	5
59	Conformational influence of quinoline moieties in the crystal packing of bis(quinolinecarboxamide)alkane derivatives. CrystEngComm, 2013, 15, 7212.	2.6	3
60	Synthesis, Crystal Structure and Magnetic Characterization of a Series of Compounds with an Unusual Single Crystal to Single Crystal Phase Transition. Crystal Growth and Design, 2013, 13, 4735-4745.	3.0	16
61	Neutron Diffraction Studies of the Molecular Compound [Co₂(bta)]_n (H₄bta =1,2,4,5-Benzenetetracarboxylic Acid): In the Quest of Canted Ferromagnetism. Inorganic Chemistry, 2013, 52, 12818-12827.	4.0	10
62	A step further in the comprehension of the magnetic coupling in gadolinium(III)-based carboxylate complexes. Polyhedron, 2013, 52, 321-332.	2.2	23
63	Solution and solid state studies with the bis-oxalato building block [Cr(pyim)(C₂O₄)₂]^{â^'} [pyimÂ=Â2-(2â€²-pyridyl)imidazole]. Journal of Coordination Chemistry, 2013, 66, 3349-3364.	2.2	11
64	Synthesis, crystal structures and tautomerism in novel oximes based on hydroxyalkylpyrazolones. New Journal of Chemistry, 2013, 37, 2002.	2.8	6
65	Self-assembly of a chiral three-dimensional manganese(ii)â€“copper(ii) coordination polymer with a double helical architecture. CrystEngComm, 2013, 15, 9312.	2.6	17
66	Dicopper(II) Metallacyclophanes with Electroswitchable Polymethylâ€Substituted paraâ€Phenylene Spacers. Chemistry - A European Journal, 2013, 19, 12124-12137.	3.3	25
67	Redox switching of the antiferromagnetic coupling in permethylated dicopper(ii) paracyclophanes. Chemical Communications, 2012, 48, 8401.	4.1	22
68	Ligand effects on the dimensionality of oxamato-bridged mixed-metal open-framework magnets. Chemical Communications, 2012, 48, 3539.	4.1	15
69	Influence of the alkaline earth cations on the topology of M^{II}/Cu^{II}mixed-metalâ€“organic frameworks (M = Ca, Sr and Ba). CrystEngComm, 2012, 14, 761-764.	2.6	17
70	Molecular Engineering To Control the Magnetic Interaction between Single-Chain Magnets Assembled in a Two-Dimensional Network. Journal of the American Chemical Society, 2012, 134, 15265-15268.	13.7	67
71	Pillaring Role of 4,4â€²-Azobis(pyridine) in Substituted Malonate-Containing Manganese(II) Complexes: Syntheses, Crystal Structures, and Magnetic Properties. Crystal Growth and Design, 2012, 12, 4505-4518.	3.0	20
72	Highly Selective Chemical Sensing in a Luminescent Nanoporous Magnet. Advanced Materials, 2012, 24, 5625-5629.	21.0	131

#	Article	IF	Citations
73	Dryness sensitive porous 3dâ€“4f metalâ€“organic framework with unusual dynamic behaviour. CrystEngComm, 2012, 14, 765-767.	2.6	20
74	Synthesis, structural analysis, and thermal and spectroscopic studies of methylmalonate-containing zinc(II) complexes. Comptes Rendus Chimie, 2012, 15, 911-923.	0.5	6
75	Homochiral lanthanoid(iii) mesoxalate metalâ€“organic frameworks: synthesis, crystal growth, chirality, magnetic and luminescent properties. CrystEngComm, 2012, 14, 2635.	2.6	76
76	Novel Malonate-Containing Coordination Compounds with Ligands Having N- and NO-Donors: Synthesis, Structures, and Magnetic Properties. Crystal Growth and Design, 2012, 12, 599-614.	3.0	27
77	[FeIII(dmbpy)(CN)4]â˜: a new building block for designing single-chain magnets. Dalton Transactions, 2012, 41, 13716.	3.3	33
78	Two-dimensional (6,3) networks obtained with the {Cu3(Hmesox)3}3â˜ secondary building unit (H4mesox = mesoxalic acid). CrystEngComm, 2012, 14, 4289.	2.6	11
79	Selective Gas and Vapor Sorption and Magnetic Sensing by an Isoreticular Mixed-Metalâ€“Organic Framework. Journal of the American Chemical Society, 2012, 134, 15301-15304.	13.7	109
80	Solid-State Aggregation of Metallacyclophane-Based Mn^{II}Cu^{II} One-Dimensional Ladders. Inorganic Chemistry, 2012, 51, 7019-7021.	4.0	15
81	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
82	Reversible Solvatomagnetic Switching in a Spongelike Manganese(II)â€“Copper(II) 3D Open Framework with a Pillared Square/Octagonal Layer Architecture. Chemistry - A European Journal, 2012, 18, 1608-1617.	3.3	86
83	SYNTHESIS AND CHARACTERIZATION OF BIS- AND TOS-(4-CARBOXYBENZOYL)-ALKANEAMINES. Journal of the Chilean Chemical Society, 2012, 57, 1305-1308.	1.2	1
84	Photoswitching of the antiferromagnetic coupling in an oxamato-based dicopper(ii) anthracenophane. Chemical Communications, 2011, 47, 11035.	4.1	39
85	Spin Control in Oxamato-Based Manganese(II)â€“Copper(II) Coordination Polymers with Brick-Wall Layer Architectures. Inorganic Chemistry, 2011, 50, 8694-8696.	4.0	33
86	Synthesis, Structural Analysis, and Magnetic Properties of Ethylmalonate-Manganese(II) Complexes. Inorganic Chemistry, 2011, 50, 10765-10776.	4.0	15
87	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
88	Copper(II)-phenylmalonate complexes with the bifunctional ligands nicotinamide and isonicotinamide. Polyhedron, 2011, 30, 2451-2458.	2.2	10
89	Chromium(III) complexes with 2-(2â€²-pyridyl)imidazole: Synthesis, crystal structure and magnetic properties. Inorganica Chimica Acta, 2011, 376, 358-366.	2.4	21
90	Synthesis, Crystal Structures and Magnetic Properties of M^{II}Cu^{II} Chains (M=Mn and Co) with Sterically Hindered Alkylâ€Substituted Phenyloxamate Bridging Ligands. Chemistry - A European Journal, 2011, 17, 2176-2188.	3.3	58

#	Article	IF	Citations
91	Rational Enantioselective Design of Chiral Heterobimetallic Singleâ€Chain Magnets: Synthesis, Crystal Structures and Magnetic Properties of Oxamatoâ€Bridged M^{II}Cu^{II} Chains (M=Mn, Co). Chemistry - A European Journal, 2011, 17, 12482-12494.	3.3	78
92	Metal-organic coordination frameworks based on mixed methylmalonate and 4,4â€²-bipiridine ligands: synthesis, crystal structure and magnetic properties. New Journal of Chemistry, 2010, 34, 2515.	2.8	24
93	Single chain magnet behaviour in an enantiopure chiral cobalt(ii)â€“copper(ii) one-dimensional compound. Chemical Communications, 2010, 46, 2322.	4.1	100
94	Supramolecular coordination chemistry of aromatic polyoxalamide ligands: A metallosupramolecular approach toward functional magnetic materials. Coordination Chemistry Reviews, 2010, 254, 2281-2296.	18.8	178
95	The Construction of Open Gd^{III} Metalâ€“Organic Frameworks Based on Methanetriacetic Acid: New Objects with an Old Ligand. Chemistry - A European Journal, 2010, 16, 4037-4047.	3.3	37
96	Oligoâ€mâ€phenyleneoxalamide Copper(II) Mesocates as Electroâ€Switchable Ferromagnetic Metalâ€“Organic Wires. Chemistry - A European Journal, 2010, 16, 12838-12851.	3.3	30
97	All-cis-1,2,3,4,5,6-cyclohexanehexacarboxylate two-dimensional gadolinium(III) complexes: Synthesis, X-ray crystal structure and magnetic properties. Polyhedron, 2010, 29, 188-195.	2.2	13
98	[Cu₃(Hmesox)₃]^{3â^’}: a Precursor for the Rational Design of Chiral Molecule-Based Magnets (H₄mesox = 2-dihydroxymalonic acid). Inorganic Chemistry, 2010, 49, 7880-7889.	4.0	18
99	Tuning the Spin Ground State in Heterononanuclear Nickel(II)â^’Copper(II) Cylinders with a Triangular Metallacyclophane Core. Inorganic Chemistry, 2010, 49, 11264-11266.	4.0	5
100	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. Dalton Transactions, 2010, 39, 4786.	3.3	11
101	Intramolecular ferro- and antiferromagnetic interactions in oxo-carboxylate bridged digadolinium(iii) complexes. Dalton Transactions, 2010, 39, 7286.	3.3	51
102	Copper(II)-methylmalonate complexes with unidentate N-donor ligands: Syntheses, structural characterization and magnetic properties. Polyhedron, 2009, 28, 1802-1807.	2.2	15
103	Study of the Influence of the Bridge on the Magnetic Coupling in Cobalt(II) Complexes. Inorganic Chemistry, 2009, 48, 11342-11351.	4.0	81
104	Cobalt(II) Sheet-Like Systems Based on Diacetic Ligands: from Subtle Structural Variances to Different Magnetic Behaviors. Inorganic Chemistry, 2009, 48, 6086-6095.	4.0	51
105	Dinuclear and two- and three-dimensional gadolinium(III) complexes with mono- and dicarboxylate ligands: synthesis, structure and magnetic properties. CrystEngComm, 2009, 11, 2131.	2.6	64
106	Redox Switch-Off of the Ferromagnetic Coupling in a Mixed-Spin Tricobalt(II) Triple Mesocate. Journal of the American Chemical Society, 2009, 131, 14614-14615.	13.7	39
107	Molecular-Programmed Self-Assembly of Homo- and Heterometallic Tetranuclear Coordination Compounds: Synthesis, Crystal Structures, and Magnetic Properties of Rack-Type Cu^{II}₂M^{II}₂ Complexes (M = Cu and Ni) with Tetranucleating Phenylenedioxamato Bridging Ligands. Inorganic Chemistry, 2009, 48, 4661-4673.	4.0	22
108	Influence of the Aliphatic Wrapping in the Crystal Structure of Benzene Tricarboxamide Supramolecular Polymers. Crystal Growth and Design, 2009, 9, 4987-4989.	3.0	31

#	Article	IF	Citations
109	Novel cobalt(II) coordination polymers based on 1,2,4,5-benzenetetracarboxylic acid and extended bis-monodentate ligands. CrystEngComm, 2009, 11, 2169.	2.6	36
110	(4,4) Rectangular Lattices of Cobalt(II) with 1,2,4,5-Benzenetetracarboxylic Acid: Influence of the Packing in the Crystal Structure. Crystal Growth and Design, 2008, 8, 3984-3992.	3.0	48
111	Crystal Structure and Magnetic Properties of Two Isomeric Three-Dimensional Pyromellitate-Containing Cobalt(II) Complexes. Inorganic Chemistry, 2008, 47, 8053-8061.	4.0	70
112	Well-resolved unusual alternating cyclic water tetramers embedded in a crystal host. CrystEngComm, 2008, 10, 1743.	2.6	43
113	Crystal Engineering of Complexes of Propane-1,2,3-tricarboxylic Acid (H3tca) with Lanthanide(III) Cationsâ€. Crystal Growth and Design, 2008, 8, 1313-1318.	3.0	22
114	1,2,4,5-Benzenetetracarboxylate- and 2,2â€²-Bipyrimidine-Containing Cobalt(II) Coordination Polymers: Preparation, Crystal Structure, and Magnetic Properties. Inorganic Chemistry, 2008, 47, 3568-3576.	4.0	101
115	Crystal engineering of 3-D coordination polymers by pillaring ferromagnetic copper(ii)-methylmalonate layers. CrystEngComm, 2007, 9, 478-487.	2.6	92
116	Molecular-Programmed Self-Assembly of Homo- and Heterometallic Penta- and Hexanuclear Coordination Compounds:Â Synthesis, Crystal Structures, and Magnetic Properties of Ladder-Type CuII2MIIx(M = Cu, Ni;x= 3, 4) Oxamato Complexes with CuII2Metallacyclophane Cores. Inorganic Chemistry, 2007, 46, 4504-4514.	4.0	45
117	Unusual (Î¼-aqua)bis(Î¼-carboxylate) Bridge in Homometallic M(II) (M = Mn, Co and Ni) Two-Dimensional Compounds Based on the 1,2,3,4-Butanetetracarboxylic Acid:â€‰ Synthesis, Structure, and Magnetic Properties. Inorganic Chemistry, 2007, 46, 7458-7465.	4.0	85
118	Structural versatility in cobalt(ii) complexes with 1,2,4,5-benzenetetracarboxylic acid (H4bta) and 4,4â€²-bipyridine-N,Nâ€²-dioxide (dpo). CrystEngComm, 2007, 9, 815.	2.6	69
119	Solidâ€State Anionâ€“Guest Encapsulation by Metallosupramolecular Capsules Made from Two Tetranuclear Copper(II) Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 4569-4573.	2.0	9
120	Two- and Three-Dimensional Networks of Gadolinium(III) with Dicarboxylate Ligands:Â Synthesis, Crystal Structure, and Magnetic Properties. Inorganic Chemistry, 2006, 45, 10585-10594.	4.0	89
121	Metamagnetism in hydrophobically induced carboxylate (phenylmalonate)-bridged copper(ii) layers. Chemical Communications, 2006, , 2857-2859.	4.1	32
122	[Fe(bpym)(CN)4]-: A New Building Block for Designing Single-Chain Magnets. Journal of the American Chemical Society, 2006, 128, 4842-4853.	13.7	248
123	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). CrystEngComm, 2006, 8, 338-345.	2.6	28
124	Polymeric Networks of Copper(II) Phenylmalonate with Heteroaromatic N-donor Ligands:Â Synthesis, Crystal Structure, and Magnetic Properties. Inorganic Chemistry, 2005, 44, 7794-7801.	4.0	52
125	Phenylmalonate-Containing Copper(II) Complexes: Synthesis, Crystal Structure and Magnetic Properties. European Journal of Inorganic Chemistry, 2004, 2004, 4081-4090.	2.0	57
126	Malonic Acid: A Multi-Modal Bridging Ligand for New Architectures and Properties on Molecule-Based Magnets. ChemInform, 2004, 35, no.	0.0	0

#	Article	IF	Citations
127	Self-assembly and magnetic properties of a double-propeller octanuclear copper(ii) complex with a meso-helicate-type metallacryptand core. Chemical Communications, 2004, , 920-921.	4.1	28
128	Magnetic Anisotropy of a High-Spin Octanuclear Nickel(II) Complex with ameso-Helicate Core. Inorganic Chemistry, 2004, 43, 7594-7596.	4.0	41
129	Malonate-based copper(II) coordination compounds: ferromagnetic coupling controlled by dicarboxylates. Polyhedron, 2003, 22, 2143-2153.	2.2	104
130	Malonic acid: a multi-modal bridging ligand for new architectures and properties on molecule-based magnets. Polyhedron, 2003, 22, 2111-2123.	2.2	80
131	{[Cu(H2O)3][Cu(phmal)2]}n: a new two-dimensional copper(ii) complex with intralayer ferromagnetic interactions (phmalâ€‰=â€‰phenylmalonate dianion). New Journal of Chemistry, 2003, 27, 1557-1562.	2.8	51
132	Structural versatility of the malonate ligand as a tool for crystal engineering in the design of molecular magnets. CrystEngComm, 2002, 4, 522-535.	2.6	136
133	The flexibility of molecular components as a suitable tool in designing extended magnetic systems. CrystEngComm, 2002, 4, 440-446.	2.6	59