

Jorge PasÃ¡n

List of Publications by Year in descending order

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138
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#	ARTICLE	IF	CITATIONS
1	[Fe(bpym)(CN) ₄]-: A New Building Block for Designing Single-Chain Magnets. <i>Journal of the American Chemical Society</i> , 2006, 128, 4842-4853.	13.7	248
2	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
3	Are metal-organic frameworks able to provide a new generation of solid-phase microextraction coatings? A review. <i>Analytica Chimica Acta</i> , 2016, 939, 26-41.	5.4	171
4	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
5	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
6	Highly Selective Chemical Sensing in a Luminescent Nanoporous Magnet. <i>Advanced Materials</i> , 2012, 24, 5625-5629.	21.0	131
7	Metal-organic frameworks as novel sorbents in dispersive-based microextraction approaches. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 90, 114-134.	11.4	119
8	Selective Gas and Vapor Sorption and Magnetic Sensing by an Isoreticular Mixed-Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2012, 134, 15301-15304.	13.7	109
9	Malonate-based copper(II) coordination compounds: ferromagnetic coupling controlled by dicarboxylates. <i>Polyhedron</i> , 2003, 22, 2143-2153.	2.2	104
10	Oxamato-based coordination polymers: recent advances in multifunctional magnetic materials. <i>Chemical Communications</i> , 2014, 50, 7569-7585.	4.1	103
11	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
12	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
13	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
14	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> , 2015, 54, 6521-6525.	13.8	98
15	Crystal engineering of 3-D coordination polymers by pillaring ferromagnetic copper(ii)-methylmalonate layers. <i>CrystEngComm</i> , 2007, 9, 478-487.	2.6	92
16	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
17	A Trinuclear Zinc-Schiff Base Complex: Biocatalytic Activity and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3350-3358.	2.0	89
18	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

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19	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-Butanetetra-carboxylic Acid: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2007, 46, 7458-7465.	4.0	85
20	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
21	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
22	Metal-Organic Frameworks in Green Analytical Chemistry. <i>Separations</i> , 2019, 6, 33.	2.4	80
23	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> , 2011, 17, 12482-12494.	3.3	78
24	Homochiral lanthanoid(III) mesoxalate metal-organic frameworks: synthesis, crystal growth, chirality, magnetic and luminescent properties. <i>CrystEngComm</i> , 2012, 14, 2635.	2.6	76
25	Metal-Organic Frameworks as Key Materials for Solid-Phase Microextraction Devices: A Review. <i>Separations</i> , 2019, 6, 47.	2.4	74
26	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
27	Structural versatility in cobalt(II) complexes with 1,2,4,5-benzenetetra-carboxylic acid (H4bta) and 4,4'-bipyridine-N,N'-dioxide (dpo). <i>CrystEngComm</i> , 2007, 9, 815.	2.6	69
28	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
29	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
30	Metallosupramolecular approach toward multifunctional magnetic devices for molecular spintronics. <i>Coordination Chemistry Reviews</i> , 2015, 303, 110-138.	18.8	64
31	Solid-State Molecular Nanomagnet Inclusion into a Magnetic Metal-Organic Framework: Interplay of the Magnetic Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 539-545.	3.3	61
32	The flexibility of molecular components as a suitable tool in designing extended magnetic systems. <i>CrystEngComm</i> , 2002, 4, 440-446.	2.6	59
33	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> , 2011, 17, 2176-2188.	3.3	58
34	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
35	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
36	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

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37	{[Cu(H ₂ O) ₃][Cu(phmal) ₂]} _n : a new two-dimensional copper(ii) complex with intralayer ferromagnetic interactions (phmal ²⁻ =phenylmalonate dianion). <i>New Journal of Chemistry</i> , 2003, 27, 1557-1562.	2.8	51
38	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
39	Intramolecular ferro- and antiferromagnetic interactions in oxo-carboxylate bridged digadolinium(iii) complexes. <i>Dalton Transactions</i> , 2010, 39, 7286.	3.3	51
40	Photoluminescent and Slow Magnetic Relaxation Studies on Lanthanide(III)-2,5-pyrazinedicarboxylate Frameworks. <i>Inorganic Chemistry</i> , 2017, 56, 2108-2123.	4.0	49
41	(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
42	Molecular-Programmed Self-Assembly of Homo- and Heterometallic Penta- and Hexanuclear Coordination Compounds: A Synthesis, Crystal Structures, and Magnetic Properties of Ladder-Type CuII ₂ MII _x (M = Cu, Ni; x = 3, 4) Oxamato Complexes with CuII ₂ Metallacyclophane Cores. <i>Inorganic Chemistry</i> , 2007, 46, 4504-4514.	4.0	45
43	Well-resolved unusual alternating cyclic water tetramers embedded in a crystal host. <i>CrystEngComm</i> , 2008, 10, 1743.	2.6	43
44	Magnetic Anisotropy of a High-Spin Octanuclear Nickel(II) Complex with ameso-Helicite Core. <i>Inorganic Chemistry</i> , 2004, 43, 7594-7596.	4.0	41
45	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
46	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
47	Photoswitching of the antiferromagnetic coupling in an oxamato-based dicopper(ii) anthracenophane. <i>Chemical Communications</i> , 2011, 47, 11035.	4.1	39
48	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
49	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> , 2010, 16, 4037-4047.	3.3	37
50	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
51	Solid-phase microextraction coatings based on the metal-organic framework ZIF-8: Ensuring stable and reusable fibers. <i>Talanta</i> , 2020, 215, 120910.	5.5	36
52	A green metal-organic framework to monitor water contaminants. <i>RSC Advances</i> , 2018, 8, 31304-31310.	3.6	34
53	Spin Control in Oxamato-Based Manganese(II)-Copper(II) Coordination Polymers with Brick-Wall Layer Architectures. <i>Inorganic Chemistry</i> , 2011, 50, 8694-8696.	4.0	33
54	[FeIII(dmbpy)(CN) ₄] ³⁻ : a new building block for designing single-chain magnets. <i>Dalton Transactions</i> , 2012, 41, 13716.	3.3	33

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55	Metamagnetism in hydrophobically induced carboxylate (phenylmalonate)-bridged copper(ii) layers. <i>Chemical Communications</i> , 2006, , 2857-2859.	4.1	32
56	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
57	Oligo <i>m</i> -phenyleneoxalamide Copper(II) Mesocates as Electro-switchable Ferromagnetic Metal-Organic Wires. <i>Chemistry - A European Journal</i> , 2010, 16, 12838-12851.	3.3	30
58	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> , 2020, 1133, 137-149.	5.4	30
59	Self-assembly and magnetic properties of a double-propeller octanuclear copper(ii) complex with a meso-helicate-type metallacryptand core. <i>Chemical Communications</i> , 2004, , 920-921.	4.1	28
60	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> , 2006, 8, 338-345.	2.6	28
61	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
62	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
63	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> , 2016, 128, 1755-1764.	1.5	27
64	A three-dimensional copper(ii) 12-metallacrown-4 complex with malonomonohydroxamic acid (H3mmh) as a ligand. <i>New Journal of Chemistry</i> , 2011, 35, 1817.	2.8	26
65	Dynamic Nucleophilic Aromatic Substitution of Tetrazines. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18783-18791.	13.8	26
66	Dicopper(II) Metallacyclophanes with Electroswitchable Polymethyl-substituted Phenylene Spacers. <i>Chemistry - A European Journal</i> , 2013, 19, 12124-12137.	3.3	25
67	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> , 2010, 34, 2515.	2.8	24
68	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
69	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
70	Molecular-Programmed Self-Assembly of Homo- and Heterometallic Tetranuclear Coordination Compounds: Synthesis, Crystal Structures, and Magnetic Properties of Rack-Type Cu ^{II} ₂ M ^{II} ₂ Complexes (M = Cu and Ni) with Tetranucleating Phenylenedioxamate Bridging Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 4661-4673.	4.0	22
71	Redox switching of the antiferromagnetic coupling in permethylated dicopper(ii) paracyclophanes. <i>Chemical Communications</i> , 2012, 48, 8401.	4.1	22
72	Chromium(III) complexes with 2-(2-pyridyl)imidazole: Synthesis, crystal structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2011, 376, 358-366.	2.4	21

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73	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> , 2021, 232, 122440.	5.5	21
74	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
75	Dryness sensitive porous 3d ^{4f} metal-organic framework with unusual dynamic behaviour. <i>CrystEngComm</i> , 2012, 14, 765-767.	2.6	20
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> , 2014, 53, 6299-6308.	4.0	20
77	Cation Exchange in Dynamic 3D Porous Magnets: Improvement of the Physical Properties. <i>Inorganic Chemistry</i> , 2015, 54, 10834-10840.	4.0	20
78	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
79	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> , 2020, 211, 120723.	5.5	19
80	[Cu ₃ (Hmesox) ₃] ³⁺ : a Precursor for the Rational Design of Chiral Molecule-Based Magnets (H ₄ mesox = 2-dihydroxymalonic acid). <i>Inorganic Chemistry</i> , 2010, 49, 7880-7889.	4.0	18
81	Influence of the alkaline earth cations on the topology of M ^{II} /Cu ^{II} mixed-metal-organic frameworks (M = Ca, Sr and Ba). <i>CrystEngComm</i> , 2012, 14, 761-764.	2.6	17
82	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
83	Halogen bonding two-point recognition with terphenyl derivatives. <i>New Journal of Chemistry</i> , 2018, 42, 10476-10480.	2.8	17
84	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
85	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
86	Synthesis, Structural Analysis, and Magnetic Properties of Ethylmalonate-Manganese(II) Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 10765-10776.	4.0	15
87	Ligand effects on the dimensionality of oxamato-bridged mixed-metal open-framework magnets. <i>Chemical Communications</i> , 2012, 48, 3539.	4.1	15
88	Solid-State Aggregation of Metallacyclophane-Based Mn ^{II} /Cu ^{II} One-Dimensional Ladders. <i>Inorganic Chemistry</i> , 2012, 51, 7019-7021.	4.0	15
89	Synthesis, Crystal Structure, and Magnetic Characterization of the Three-Dimensional Compound [Co ₂ (cbut)(H ₂ O) ₃] _n (H ₄ cbut =) Tj ETQq1410.784314 rgBT		
90	Double Interpenetration in a Chiral Three-Dimensional Magnet with a (10,3)-a Structure. <i>Inorganic Chemistry</i> , 2015, 54, 8890-8892.	4.0	15

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91	A novel oxalate-based three-dimensional coordination polymer showing magnetic ordering and high proton conductivity. <i>Dalton Transactions</i> , 2017, 46, 15130-15137.	3.3	15
92	Mixed Functionalization of Organic Ligands in UiO-66: A Tool to Design Metal-Organic Frameworks for Tailored Microextraction. <i>Molecules</i> , 2019, 24, 3656.	3.8	15
93	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
94	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> , 2010, 29, 188-195.	2.2	13
95	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
96	Thin-film microextraction using the metal-organic framework DUT-52 for determining endocrine disrupting chemicals in cosmetics. <i>Microchemical Journal</i> , 2022, 181, 107685.	4.5	12
97	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> , 2010, 39, 4786.	3.3	11
98	Two-dimensional (6,3) networks obtained with the {Cu ₃ (Hmesox) ₃ } ³⁺ secondary building unit (H ₄ mesox = mesoxalic acid). <i>CrystEngComm</i> , 2012, 14, 4289.	2.6	11
99	Solution and solid state studies with the bis-oxalato building block [Cr(pyim)(C ₂ O ₄) ₂] ⁺ [pyim = 2-(2-pyridyl)imidazole]. <i>Journal of Coordination Chemistry</i> , 2013, 66, 3349-3364.	2.2	11
100	Crystal growth and structural remarks on malonate-based lanthanide coordination polymers. <i>CrystEngComm</i> , 2016, 18, 7831-7842.	2.6	11
101	Extending the halogen-bonded supramolecular synthon concept to 1,3,4-oxadiazole derivatives. <i>CrystEngComm</i> , 2016, 18, 42-47.	2.6	11
102	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 & Interfaces</i> , 2022, 14, 4510-4521.	8.0	11
103	Copper(II)-phenylmalonate complexes with the bifunctional ligands nicotinamide and isonicotinamide. <i>Polyhedron</i> , 2011, 30, 2451-2458.	2.2	10
104	Neutron Diffraction Studies of the Molecular Compound [Co ₂ (bta) ₂](H ₄ bta = 1,2,4,5-Benzenetetracarboxylic Acid): In the Quest of Canted Ferromagnetism. <i>Inorganic Chemistry</i> , 2013, 52, 12818-12827.	4.0	10
105	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
106	Solid-State Anion-Guest Encapsulation by Metallosupramolecular Capsules Made from Two Tetranuclear Copper(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4569-4573.	2.0	9
107	Insights into Paraben Adsorption by Metal-Organic Frameworks for Analytical Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45639-45650.	8.0	9
108	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> , 2012, 389, 52-59.	2.4	8

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109	Electroswitching of the single-molecule magnet behaviour in an octahedral spin crossover cobalt(<i>ii</i>) complex with a redox-active pyridinediimine ligand. <i>Chemical Communications</i> , 2020, 56, 12242-12245.	4.1	8
110	Synthesis and structural characterization of six Cu(<i>ii</i>)-based coordination polymers using the thermally tunable 1,2,3,4-cyclobutanetetracarboxylic acid. <i>CrystEngComm</i> , 2015, 17, 5081-5093.	2.6	7
111	Halide copper(II) complexes of aromatic N-donor containing ligands: Structural, magnetic and reactivity studies. <i>Journal of Structural Chemistry</i> , 2015, 56, 1563-1571.	1.0	7
112	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
113	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
114	Synthesis, crystal structures and tautomerism in novel oximes based on hydroxyalkylpyrazolones. <i>New Journal of Chemistry</i> , 2013, 37, 2002.	2.8	6
115	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> , 2022, 27, 813.	3.8	6
116	Tuning the Spin Ground State in Heterononanuclear Nickel(II)–Copper(II) Cylinders with a Triangular Metallacyclophane Core. <i>Inorganic Chemistry</i> , 2010, 49, 11264-11266.	4.0	5
117	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
118	Structures and thermal stability of the LiNH_4SO_4 polytypes doped with Er^{3+} and Yb^{3+} . <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 122-133.	1.1	5
119	On the magneto-structural role of the coordinating anion in oxamato-bridged copper(<i>ii</i>) derivatives. <i>Dalton Transactions</i> , 2019, 48, 10260-10274.	3.3	5
120	Synthesis, crystal structure and magnetic properties of the cyclic tetranuclear compound $[\text{Cu}_4(\text{pz})_4(\text{hppa})_2(\text{H}_2\text{O})_4]$ [pz = pyrazolate; hppa = <i>R,S</i> -2-hydroxo-2-phenyl-2-(1-pyrazolyl)acetate]. <i>Polyhedron</i> , 2019, 170, 217-222.	2.2	4
121	One-dimensional oxalato-bridged heterobimetallic coordination polymers by using [the $[\text{Cr}(\text{pyim})(\text{C}_2\text{O}_4)_2]^{+}$ complex as metalloligand [pyim = 2-(2-pyridyl)imidazole]. <i>Inorganica Chimica Acta</i> , 2019, 486, 150-157.		4
122	Conformational influence of quinoline moieties in the crystal packing of bis(quinolinecarboxamide)alkane derivatives. <i>CrystEngComm</i> , 2013, 15, 7212.	2.6	3
123	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
124	Magnetostructural relationships in polymorphic ethylmalonate-containing copper(<i>ii</i>) coordination polymers. <i>CrystEngComm</i> , 2018, 20, 7464-7472.	2.6	3
125	Dynamic Nucleophilic Aromatic Substitution of Tetrazines. <i>Angewandte Chemie</i> , 2021, 133, 18931-18939.	2.0	3
126	Solid-State Molecular Nanomagnet Inclusion into a Magnetic Metal-Organic Framework: Interplay of the Magnetic Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 441-441.	3.3	2

#	ARTICLE	IF	CITATIONS
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129	Tailor-made copper(ii) coordination polymers based on the C3symmetric methanetriacetate as a ligand. <i>CrystEngComm</i> , 2017, 19, 376-390.	2.6	1
130	SYNTHESIS AND CHARACTERIZATION OF BIS- AND TOS-(4-CARBOXYBENZOYL)-ALKANEAMINES. <i>Journal of the Chilean Chemical Society</i> , 2012, 57, 1305-1308.	1.2	1
131	Malonic Acid: A Multi-Modal Bridging Ligand for New Architectures and Properties on Molecule-Based Magnets. <i>ChemInform</i> , 2004, 35, no.	0.0	0
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