

# Francesc Lloret Pastor

## List of Publications by Year in descending order

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603  
papers

28,471  
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4960

84  
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16650

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617  
docs citations

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times ranked

10510  
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#	ARTICLE	IF	CITATIONS
1	Magnetic properties of six-coordinated high-spin cobalt(II) complexes: Theoretical background and its application. <i>Inorganica Chimica Acta</i> , 2008, 361, 3432-3445.	2.4	555
2	Design of single chain magnets through cyanide-bearing six-coordinate complexes. <i>Coordination Chemistry Reviews</i> , 2005, 249, 2691-2729.	18.8	417
3	Field-Induced Slow Magnetic Relaxation in a Six-Coordinate Mononuclear Cobalt(II) Complex with a Positive Anisotropy. <i>Journal of the American Chemical Society</i> , 2012, 134, 15704-15707.	13.7	358
4	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
5	High Proton Conduction in a Chiral Ferromagnetic Metal-Organic Quartz-like Framework. <i>Journal of the American Chemical Society</i> , 2011, 133, 15328-15331.	13.7	302
6	Molecular magnetism, quo vadis? A historical perspective from a coordination chemist viewpoint†. <i>Coordination Chemistry Reviews</i> , 2017, 339, 17-103.	18.8	279
7	Spin Polarization and Ferromagnetism in Two-Dimensional Sheetlike Cobalt(II) Polymers: [Co(L)2(NCS)2] (L=Pyrimidine or Pyrazine). <i>Angewandte Chemie - International Edition</i> , 1998, 37, 135-138.	13.8	257
8	[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
9	Ligand design for multidimensional magnetic materials: a metallosupramolecular perspective. <i>Dalton Transactions</i> , 2008, , 2780.	3.3	244
10	Hexanuclear Manganese(III) Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 210-212.	13.8	232
11	Ferromagnetism in Malonato-Bridged Copper(II) Complexes. Synthesis, Crystal Structures, and Magnetic Properties of {[Cu(H2O)3][Cu(mal)2(H2O)]}n and {[Cu(H2O)4]2[Cu(mal)2(H2O)]}[Cu(mal)2(H2O)2]{[Cu(H2O)4][Cu(mal)2(H2O)2]} (H2mal = malonic Acid). <i>Inorganic Chemistry</i> , 2000, 39, 1363-1370.	4.0	218
12	Crystal Structures and Magnetic Properties of Two Octacyanotungstate(IV) and (V)-Cobalt(II) Three-Dimensional Bimetallic Frameworks. <i>Inorganic Chemistry</i> , 2003, 42, 7052-7059.	4.0	203
13	Cyclic Trinuclear and Chain of Cyclic Trinuclear Copper(II) Complexes Containing a Pyramidal Cu3O(H) Core. Crystal Structures and Magnetic Properties of [Cu3(1/43-OH)(aaat)3(H2O)3](NO3)2·H2O [aaat = 3-Acetylamino-5-amino-1,2,4-triazolate] and {[Cu3(1/43-OH)(aat)3(1/43-SO4)]·6H2O}n [aat = 3-Acetylamino-1,2,4-triazolate]: New Cases of Spin-Frustrated Systems. <i>Inorganic Chemistry</i> , 2002, 41, 5821-5829.	4.0	199
14	A Three-Dimensional Homometallic Molecular Ferrimagnet. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1561-1563.	13.8	197
15	Synthesis and Characterization of Heterodinuclear Ln3+~Fe3+ and Ln3+~Co3+ Complexes, Bridged by Cyanide Ligand (Ln3+= Lanthanide Ions). Nature of the Magnetic Interaction in the Ln3+~Fe3+ Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 641-649.	4.0	190
16	Coordination chemistry of N,N'-bis(coordinating group substituted)oxamides: a rational design of nuclearity tailored polynuclear complexes. <i>Coordination Chemistry Reviews</i> , 1999, 193-195, 1069-1117.	18.8	187
17	Chemistry and physics of the novel molecular-based compound exhibiting a spontaneous magnetization below Tc = 14 K, MnCu(obbz).cndot.1H2O (obbz = oxamidobis(benzoato)). Comparison with the antiferromagnet MnCu(obbz).cndot.5H2O. Crystal structure and magnetic properties of NiCu(obbz).cndot.6H2O. <i>Journal of the American Chemical Society</i> , 1989, 111, 5739-5748.	13.7	182
18	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

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19	Influence of the Peripheral Ligand Atoms on the Exchange Interaction in Oxalato-Bridged Nickel(II) Complexes: An Orbital Model. Crystal Structures and Magnetic Properties of $(H_3dien)_2[Ni_2(ox)_5] \cdot 12H_2O$ and $[Ni_2(dien)_2(H_2O)_2(ox)]Cl_2$ . <i>Inorganic Chemistry</i> , 1996, 35, 3741-3751.	4.0	171
20	An Azide-Bridged Copper(II) Ferromagnetic Chain Compound Exhibiting Metamagnetic Behavior. <i>Inorganic Chemistry</i> , 1997, 36, 3301-3306.	4.0	162
21	Selective and Efficient Removal of Mercury from Aqueous Media with the Highly Flexible Arms of a BioMOF. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11167-11172.	13.8	158
22	Ability of terephthalate (ta) to mediate exchange coupling in ta-bridged copper(II), nickel(II), cobalt(II) and manganese(II) dinuclear complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 1915-1924.	1.1	157
23	Multiferroics by Rational Design: Implementing Ferroelectricity in Molecule-Based Magnets. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8356-8360.	13.8	157
24	Crystal Structures and Magnetic Properties of Novel $[LnIII CuII_4]$ (Ln = Gd, Dy, Ho) Pentanuclear Complexes. Topology and Ferromagnetic Interaction in the $LnIII \sim CuII$ Pair. <i>Inorganic Chemistry</i> , 1996, 35, 7384-7393.	4.0	155
25	Cyanide-bridged Fe(III)–Co(II) bis double zigzag chains with a slow relaxation of the magnetisation. <i>Chemical Communications</i> , 2003, , 1850-1851.	4.1	154
26	Syntheses, Crystal Structures, and Magnetic Properties of One-Dimensional Oxalato-Bridged Co(II), Ni(II), and Cu(II) Complexes with n-Aminopyridine (n = 2–4) as Terminal Ligand. <i>Inorganic Chemistry</i> , 2001, 40, 5526-5535.	4.0	151
27	Ferromagnetic Coupling through Spin Polarization in a Dinuclear Copper(II) Metallacyclophane. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3039-3042.	13.8	150
28	Field-Induced Hysteresis and Quantum Tunneling of the Magnetization in a Mononuclear Manganese(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14075-14079.	13.8	150
29	Molecular topology exchange interaction: synthesis and magnetic properties of $[Cu(II)_3M(II)]$ (M = ) $T_j$ $ETQq_1$ $1$ $0.784314$ $rg_{BT}$ / $Overlaid$	4.0	143
30	Syntheses, crystal structures and magnetic properties of copper(II) dicyanamide complexes; dinuclear, chain and ladder compounds. <i>Dalton Transactions RSC</i> , 2002, , 566-574.	2.3	140
31	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
32	Oxalate and 2,2'-Bipyrimidine as Useful Tools in Designing Layered Compounds. <i>Inorganic Chemistry</i> , 1995, 34, 408-411.	4.0	134
33	Weak Ferromagnetism in Chiral 3-Dimensional Oxalato-Bridged Cobalt(II) Compounds. Crystal Structure of $[Co(bpy)_3][Co_2(ox)_3]ClO_4$ . <i>Inorganic Chemistry</i> , 1998, 37, 4131-4135.	4.0	132
34	Crystal structure and magnetic properties of the flexible self-assembled two-dimensional square network complex $[Cu_2(mal)_2(H_2O)_2(4,4\text{-bpy})]$ ( $H_2mal$ =malonic acid and $4,4\text{-bpy}$ =4,4'-bipyridine). <i>Inorganica Chimica Acta</i> , 2001, 318, 159-165.	2.4	132
35	Highly Selective Chemical Sensing in a Luminescent Nanoporous Magnet. <i>Advanced Materials</i> , 2012, 24, 5625-5629.	21.0	131
36	Magnetic Coupling through the Carbon Skeleton of Malonate in Two Polymorphs of $\{[Cu(bpy)(H_2O)][Cu(bpy)(mal)(H_2O)]\}(ClO_4)_2$ ( $H_2mal$ = Malonic Acid; $bpy$ = 2,2'-Bipyridine). <i>Inorganic Chemistry</i> , 2000, 39, 3845-3852.	4.0	129

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37	The Role of Order–Disorder Transitions in the Quest for Molecular Multiferroics: Structural and Magnetic Neutron Studies of a Mixed Valence Iron(II)–Iron(III) Formate Framework. <i>Journal of the American Chemical Society</i> , 2012, 134, 19772-19781.	13.7	127
38	Ferromagnetic Coupling between Low- and High-Spin Iron(III) Ions in the Tetranuclear Complex $[\text{Fe}^{\text{II}}\{\text{HB}(\text{pz})_3\}(\text{CN})_2(\frac{1}{4}\text{-CN})]_3\text{Fe}^{\text{III}}(\text{H}_2\text{O})_3 \cdot 6\text{H}_2\text{O}$ ( $\text{HB}(\text{pz})_3$ = Hydrotris(1-pyrazolyl)borate). <i>Inorganic Chemistry</i> , 2002, 41, 5943-5945.	4.0	124
39	Magnetic Behavior Control in Niccolite Structural Metal Formate Frameworks $[\text{NH}(\text{CH}_3)_2(\text{CH}_3)_2]_2[\text{Fe}^{\text{III}}\text{M}^{\text{II}}(\text{HCOO})_6]$ (M = Fe, Mn, and Co) by Varying the Divalent Metal Ions. <i>Inorganic Chemistry</i> , 2010, 49, 10390-10399.	4.0	123
40	Azido and 2,2'-Bipyrimidine Ligands as Useful Tools in Designing Two- and Three-Dimensional Manganese(II) Networks. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1807-1810.	4.4	122
41	Ferromagnetic Coupling in the Three-Dimensional Malonato-Bridged Gadolinium(III) Complex $[\text{Gd}_2(\text{mal})_3(\text{H}_2\text{O})_6]$ (H2mal = Malonic Acid). <i>Inorganic Chemistry</i> , 2003, 42, 5456-5458.	4.0	122
42	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
43	2,2'-Bipyrimidine (bipym)-bridged dinuclear complexes. Part 4. Synthesis, crystal structure and magnetic properties of $[\text{CO}_2(\text{H}_2\text{O})_8(\text{bipym})][\text{NO}_3]_4$ , $[\text{CO}_2(\text{H}_2\text{O})_8(\text{bipym})][\text{SO}_4]_2 \cdot 2\text{H}_2\text{O}$ and $[\text{CO}_2(\text{bipym})_3(\text{NCS})_4]$ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 1175-1183.	1.1	117
44	Dilution-Triggered SMM Behavior under Zero Field in a Luminescent $\text{Zn}_2\text{Dy}_2$ Tetranuclear Complex Incorporating Carbonato-Bridging Ligands Derived from Atmospheric $\text{CO}_2$ Fixation. <i>Inorganic Chemistry</i> , 2013, 52, 9620-9626.	4.0	113
45	Low-spin six-coordinate cobalt(II) complexes. A solution study of tris(violurato)cobaltate(II) ions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 101-104.	1.1	111
46	Synthesis, Crystal Structure, and Magnetic Properties of Tetraphenylarsonium Tetrachloro(oxalato)rhenate(IV) and Bis(2,2'-bipyridine)tetrachloro( $\frac{1}{4}$ -oxalato)copper(II)rhenium(IV). <i>Inorganic Chemistry</i> , 1999, 38, 4745-4752.	4.0	111
47	Architecture Dependence on the Steric Constraints of the Ligand in Cyano-Bridged Copper(I) and Copper(II)–Copper(I) Mixed-Valence Polymer Compounds Containing Diamines: Crystal Structures and Spectroscopic and Magnetic Properties. <i>Inorganic Chemistry</i> , 2002, 41, 5141-5149.	4.0	111
48	One-Dimensional Oxalato-Bridged Cu(II), Co(II), and Zn(II) Complexes with Purine and Adenine as Terminal Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 5761-5770.	4.0	111
49	Three one-dimensional systems with end-to-end dicyanamide bridges between copper(II) centres: structural and magnetic properties. <i>Dalton Transactions RSC</i> , 2002, , 3164-3170.	2.3	110
50	A novel class of interpenetrated 3-D network of a dimeric cupric-tetracarboxylate unit. <i>Dalton Transactions RSC</i> , 2002, , 822.	2.3	110
51	Antisymmetric Exchange in Triangular Tricopper(II) Complexes: Correlation among Structural, Magnetic, and Electron Paramagnetic Resonance Parameters. <i>Inorganic Chemistry</i> , 2012, 51, 985-1001.	4.0	110
52	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
53	Alternating Ferro- and Antiferromagnetic Interactions in Unusual Copper(II) Chains. <i>Inorganic Chemistry</i> , 1995, 34, 157-165.	4.0	108
54	$[\text{Fe}(\text{Phen})(\text{CN})_4] \cdot \text{A}$ A Versatile Building Block for the Design of Heterometallic Systems. Crystal Structures and Magnetic Properties of $\text{PPh}_4[\text{Fe}(\text{Phen})(\text{CN})_4] \cdot 2\text{H}_2\text{O}$ and $[\{\text{Fe}(\text{Phen})(\text{CN})_4\}_2\text{M}(\text{H}_2\text{O})_2] \cdot 4\text{H}_2\text{O}$ [Phen = 1,10-Phenanthroline; M = Mn(II) and Zn(II)]. <i>Inorganic Chemistry</i> , 2001, 40, 2065-2072.	4.0	107

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55	A novel two-dimensional honeycomb-like bimetallic iron(III)-nickel(II) cyanide-bridged magnetic material $[\text{Ni}(\text{cyclam})]_3[\text{Fe}(\text{CN})_6]_2 \cdot n\text{H}_2\text{O}$ (cyclam = 1,4,8,11-tetraazacyclodecane). <i>Chemical Communications</i> , 1999, , 987-988.	4.1	106
56	Ligand Design for Heterobimetallic Single-Chain Magnets: Synthesis, Crystal Structures, and Magnetic Properties of $\text{MIIICuII}$ (M=Mn, Co) Chains with Sterically Hindered Methyl-Substituted Phenylloxamate Bridging Ligands. <i>Chemistry - A European Journal</i> , 2007, 13, 2054-2066.	3.3	105
57	Malonate-based copper(II) coordination compounds: ferromagnetic coupling controlled by dicarboxylates. <i>Polyhedron</i> , 2003, 22, 2143-2153.	2.2	104
58	Long-Range Magnetic Coupling through Extended $\pi$ -Conjugated Aromatic Bridges in Dinuclear Copper(II) Metallacyclophanes. <i>Journal of the American Chemical Society</i> , 2003, 125, 10770-10771.	13.7	103
59	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
60	The first metamagnetic one-dimensional molecular material with nickel(II) and end-to-end azido bridges. <i>Chemical Communications</i> , 2001, , 1444-1445.	4.1	101
61	mer-[FeIII(bpca)(CN)3]-: A New Low-Spin Iron(III) Complex to Build Heterometallic Ladder-like Chains. <i>Inorganic Chemistry</i> , 2004, 43, 2234-2236.	4.0	101
62	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
63	Highly Anisotropic Rhenium(IV) Complexes: New Examples of Mononuclear Single-Molecule Magnets. <i>Journal of the American Chemical Society</i> , 2013, 135, 13737-13748.	13.7	101
64	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
65	Ferromagnetic Coupling Through the End-to-End Thiocyanate Bridge in Cobalt(II) and Nickel(II) Chains. <i>Crystal Growth and Design</i> , 2015, 15, 2380-2388.	3.0	99
66	[Fe(bipy)(CN)4]- as a Versatile Building Block for the Design of Heterometallic Systems: Synthesis, Crystal Structure, and Magnetic Properties of $\text{PPh}_4[\text{FeIII}(\text{bipy})(\text{CN})_4] \cdot \text{H}_2\text{O}$ , $[\{\text{FeIII}(\text{bipy})(\text{CN})_4\}2\text{MII}(\text{H}_2\text{O})_4] \cdot 4\text{H}_2\text{O}$ , and $[\{\text{FeIII}(\text{bipy})(\text{CN})_4\}2\text{ZnII}] \cdot 2\text{H}_2\text{O}$ [bipy = 2,2'-Bipyridine; M = Mn and Zn]. <i>Inorganic Chemistry</i> , 2002, 41, 818-826.	4.0	95
67	Nuclearity Controlled Cyanide-Bridged Bimetallic $\text{CrIII-MnII}$ Compounds: Synthesis, Crystal Structures, Magnetic Properties and Theoretical Calculations. <i>Chemistry - A European Journal</i> , 2004, 10, 6130-6145.	3.3	94
68	Crystal structure and magnetic properties of manganese-copper complex $\text{MnCu}(\text{obbz})(\text{H}_2\text{O})_3 \cdot \text{DMF}$ (obbz = N,N'-oxamidobis(benzoato) and DMF = dimethylformamide), a precursor of the molecular-based magnet $\text{MnCu}(\text{obbz}) \cdot \text{H}_2\text{O}$ with $T_c = 14$ K. <i>Inorganic Chemistry</i> , 1993, 32, 27-31.	4.0	93
69	Stabilization of copper(III) complexes by substituted oxamate ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 781-790.	1.1	92
70	Novel Chiral Three-Dimensional Iron(III) Compound Exhibiting Magnetic Ordering at $T_c = 40$ K. <i>Inorganic Chemistry</i> , 2002, 41, 2007-2013.	4.0	92
71	Crystal engineering of 3-D coordination polymers by pillaring ferromagnetic copper(II)-methylmalonate layers. <i>CrystEngComm</i> , 2007, 9, 478-487.	2.6	92
72	The azido ligand: a useful tool in designing chain compounds exhibiting alternating ferro- and antiferro-magnetic interactions. <i>Chemical Communications</i> , 1997, , 1195-1196.	4.1	91

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73	Bis(oxalato)chromium(III) complexes: Versatile tectons in designing heterometallic coordination compounds. <i>Coordination Chemistry Reviews</i> , 2011, 255, 161-185.	18.8	91
74	[Cr(phen)(ox) <sub>2</sub> ]-: a versatile bis-oxalato building block for the design of heteropolymetallic systems. Crystal structures and magnetic properties of AsPh <sub>4</sub> [Cr(phen)(ox) <sub>2</sub> ] $\cdot$ H <sub>2</sub> O, [NaCr(phen)(ox) <sub>2</sub> (H <sub>2</sub> O)] $\cdot$ 2H <sub>2</sub> O and {[Cr(phen)(ox) <sub>2</sub> ] <sub>2</sub> [Mn <sub>2</sub> (bpy) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> (ox)]} $\cdot$ 6H <sub>2</sub> O. <i>New Journal of Chemistry</i> , 2000, 24, 527-536.	2.8	90
75	Intermolecular Proton Transfer in Solid Phase: A Rare Example of Crystal-to-Crystal Transformation from Hydroxo- to Oxo-Bridged Iron(III) Molecule-Based Magnet. <i>Journal of the American Chemical Society</i> , 2005, 127, 10778-10779.	13.7	90
76	Syntheses, crystal structures and magnetic properties of chromato-, sulfato-, and oxalato-bridged dinuclear copper(II) complexes. <i>Inorganica Chimica Acta</i> , 2000, 300-302, 846-854.	2.4	89
77	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
78	Syntheses, crystal structures and magnetic properties of copper(II) polynuclear and dinuclear compounds with 2,3-bis(2-pyridyl)pyrazine (dpp) and pseudohalide as ligands. <i>Inorganica Chimica Acta</i> , 2001, 325, 115-124.	2.4	88
79	Structural, Spectral, and Magnetic Properties of End-to-End Di- $\frac{1}{4}$ -thiocyanato-Bridged Polymeric Complexes of Ni(II) and Co(II). X-ray Crystal Structure of Di- $\frac{1}{4}$ -thiocyanatobis(imidazole)nickel(II). <i>Inorganic Chemistry</i> , 2002, 41, 1771-1777.	4.0	88
80	Exchange interaction through a croconato bridge: synthesis, crystal structure, and magnetic properties of (.mu.-croconato)bis[ $\frac{1}{2}$ -bis(2-pyridyl)carbonyl]amido}copper(II) trihydrate. <i>Inorganic Chemistry</i> , 1992, 31, 1889-1894.	4.0	87
81	Ferromagnetic Coupling in a One-Dimensional Molecular Railroad Copper(II) Azido Compound Containing a Defective Double Cubane Motif. <i>Inorganic Chemistry</i> , 2001, 40, 3619-3622.	4.0	87
82	A Heterotetranuclear [NiIIReIV <sub>3</sub> ] Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2006, 128, 14218-14219.	13.7	87
83	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
84	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
85	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-Butanetetra-carboxylic Acid: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2007, 46, 7458-7465.	4.0	85
86	Oxamidato complexes. 3. A study of the formation of homo- and heteropolymetallic Cu(II)H <sub>2</sub> apoxM(II) complexes (H <sub>2</sub> apox = N,N'-bis(3-aminopropyl)oxamide; M(II) = Mn, Co, Ni, Cu, Zn, Cd). Synthesis and crystal structure of [Cu <sub>2</sub> (apox)(NCO) <sub>2</sub> ]. <i>Inorganic Chemistry</i> , 1992, 31, 784-791.	4.0	81
87	Coexistence of ferro- and antiferromagnetic interactions in a metal-organic radical-based (6,3)-helical network with large channels. <i>Chemical Communications</i> , 2005, , 5035.	4.1	81
88	Phenolate- and Acetate (Both $\frac{1}{2}$ -1,1 and $\frac{1}{2}$ -1,3 Mode)-Bridged Face-Shared Trioctahedral Linear NiII <sub>3</sub> , NiII <sub>2</sub> MII (M = Mn, Co) Complexes: Ferro- and Antiferromagnetic Coupling. <i>Inorganic Chemistry</i> , 2007, 46, 5128-5130.	4.0	81
89	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
90	Modeling Tyrosinase and Catecholase Activity Using New <i>m</i> -Xylyl-Based Ligands with Bidentate Alkylamine Terminal Coordination. <i>Inorganic Chemistry</i> , 2012, 51, 13148-13161.	4.0	81



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91	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.		
92	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
93	Synthesis, Structural Characterization, and Monte Carlo Simulation of the Magnetic Properties of Two New Alternating MnII/Azide 2-D Honeycombs. Study of the Ferromagnetic Ordered Phase below 20 K. <i>Inorganic Chemistry</i> , 2000, 39, 4688-4695.	4.0	79
94	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 1521-1524.	2.0	79
95	Ferromagnetic Cobalt Metalloacycles. <i>Inorganic Chemistry</i> , 2006, 45, 7038-7040.	4.0	79
96	Synthesis, Crystal Structure, and Magnetic Properties of a One-Dimensional Polymeric Copper(II) Complex Containing an Unusual 1,1'-Bicoordinated Oxalato Bridge. <i>Inorganic Chemistry</i> , 2000, 39, 6142-6144.	4.0	78
97	Synthesis, crystal structures and magnetic properties of single and double cyanide-bridged bimetallic Fe <sup>2+</sup> /Cu <sup>1+</sup> zigzag chains. <i>Dalton Transactions</i> , 2004, , 2836.	3.3	78
98	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
99	Oxamidato complexes. 5. Influence of the steric constraints on the complex formation between copper(II) and N,N'-(alkyl-substituted)oxamides. Synthesis and crystal structure of [Cu <sub>2</sub> (mapox)(N <sub>3</sub> ) <sub>2</sub> ] <sub>n</sub>		

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201	Synthesis, crystal structure and magnetic properties of the cobalt(II) chain $[\text{Co}(\text{bipym})(\text{H}_2\text{O})_2(\text{NO}_3)_2]$ and the dinuclear compounds $[\text{Co}_2(\text{bipym})_3(\text{H}_2\text{O})_4](\text{NO}_3)_4 \cdot 2\text{H}_2\text{O}$ and $[\text{Co}_2(\text{bipym})_3(\text{H}_2\text{O})_2(\text{SO}_4)_2] \cdot 12\text{H}_2\text{O}$ . <i>New Journal of Chemistry</i> , 1998, 22, 299-305.	2.8	47
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