

# Cai-Ming Liu

## List of Publications by Year in descending order

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223  
papers

7,140  
citations

53794

45  
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85541

71  
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226  
all docs

226  
docs citations

226  
times ranked

5644  
citing authors

#	ARTICLE	IF	CITATIONS
1	The First Organic-Inorganic Hybrid Luminescent Multiferroic: (Pyrrolidinium) <sub>3</sub> MnBr <sub>3</sub> . <i>Advanced Materials</i> , 2015, 27, 3942-3946.	21.0	263
2	Low Threshold Voltage Transistors Based on Individual Single-Crystalline Submicrometer-Sized Ribbons of Copper Phthalocyanine. <i>Advanced Materials</i> , 2006, 18, 65-68.	21.0	252
3	A novel two-dimensional mixed molybdenum-vanadium polyoxometalate with two types of cobalt(ii) complex fragments as bridges Electronic supplementary information (ESI) available: synthesis and characterization of 1. Fig. S1: view of layers down the a axis of 1. Fig. S2: plots of $\chi T$ and $\chi^{-1}$ vs. T for 1. See <a href="http://www.rsc.org/suppdata/cc/b2/b202540jl">http://www.rsc.org/suppdata/cc/b2/b202540jl</a> . <i>Chemical Communications</i> , 2002, , 1416-1417.	4.1	219
4	Nanoscale Homochiral $C_3$ -Symmetric Mixed-Valence Manganese Cluster Complexes with Both Ferromagnetic and Ferroelectric Properties. <i>Journal of the American Chemical Society</i> , 2010, 132, 4044-4045.	13.7	167
5	Dehydrogenative coupling of phenanthroline under hydrothermal conditions: crystal structure of a novel layered vanadate complex constructed of 4,8,10-net sheets: [(2,2'-biphen)Co]V <sub>3</sub> O <sub>8.5</sub> . <i>Chemical Communications</i> , 2001, , 1670-1671.	4.1	161
6	A Cation-Exchange Approach for the Fabrication of Efficient Methylammonium Tin Iodide Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6688-6692.	13.8	150
7	Fine-Tuning Ligand to Modulate the Magnetic Anisotropy in a Carboxylate-Bridged Dy <sub>2</sub> Single-Molecule Magnet System. <i>Inorganic Chemistry</i> , 2016, 55, 5578-5584.	4.0	129
8	Field-Induced Single-Ion Magnets Based on Enantiopure Chiral $\beta^2$ -Diketonate Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 8933-8940.	4.0	122
9	Metamagnetism and slow magnetic dynamics in an antiferromagnet composed of cobalt(ii) chains with mixed azide-carboxylate bridges. <i>Chemical Communications</i> , 2011, 47, 1815-1817.	4.1	107
10	One- and Two-Dimensional Coordination Polymers Constructed from Bicapped Keggin Mixed Molybdenum-Vanadium Heteropolyoxoanions and Polynuclear Copper(I) Clusters Bridged by Asymmetrical Bipyridine (2,4'-bipy and 2,3'-bipy) Ligands. <i>Crystal Growth and Design</i> , 2006, 6, 524-529.	3.0	106
11	Mixed Molybdenum-Vanadium Polyoxoanion-Bridged Trimetallic Nanocluster Complexes: Hydrothermal Syntheses and Crystal Structures of {MoVI <sub>6</sub> MoV <sub>2</sub> VIV <sub>8</sub> O <sub>40</sub> (PO <sub>4</sub> )[Co(phen) <sub>2</sub> (H <sub>2</sub> O)] <sub>2</sub> } [Co <sub>2</sub> (phen) <sub>2</sub> (OH) <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub> ] <sub>1/2</sub> and {MoVI <sub>5</sub> MoV <sub>3</sub> VIV <sub>8</sub> O <sub>40</sub> (PO <sub>4</sub> )[Co(phen)(en)(H <sub>2</sub> O)] <sub>2</sub> } [Co(phen) <sub>3</sub> ] $\cdot$ 1.5H <sub>2</sub> O. <i>Crystal Growth and Design</i> , 2003, 3, 363-368.	3.0	95
12	Modulation of Homochiral Dy <sup>III</sup> Complexes: Single-Molecule Magnets with Ferroelectric Properties. <i>Chemistry - A European Journal</i> , 2012, 18, 14632-14637.	3.3	94
13	Antiferro- and Ferromagnetic Interactions in Mn(II), Co(II), and Ni(II) Compounds with Mixed Azide-Carboxylate Bridges. <i>Inorganic Chemistry</i> , 2009, 48, 6142-6151.	4.0	92
14	Evolution from linear tetranuclear clusters into one-dimensional chains of Dy( <sup>III</sup> ) single-molecule magnets with an enhanced energy barrier. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1149-1156.	6.0	91
15	A Unique 3D Alternating Ferro- and Antiferromagnetic Manganese Azide System with Threefold Interpenetrating (10,3) Nets. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 990-994.	13.8	90
16	3D Supramolecular Array Assembled by Cross-like Arrangement of 1D Sandwich Mixed Molybdenum-Vanadium Polyoxometalate Bridged Coordination Polymer Chains: Hydrothermal Synthesis and Crystal Structure of {[MoVI <sub>5</sub> MoV <sub>3</sub> VIV <sub>8</sub> O <sub>40</sub> (PO <sub>4</sub> )] [Ni(en) <sub>2</sub> ]} [Ni(en) <sub>2</sub> ] $\cdot$ 2 $\cdot$ 4H <sub>2</sub> O. <i>Crystal Growth and Design</i> , 2005, 5, 1639-1642.	3.0	89
17	S-heterocyclic annelated perylene bisimide: synthesis and co-crystal with pyrene. <i>Chemical Communications</i> , 2006, , 4587.	4.1	77
18	Tautomeric effect of hydrazone Schiff bases in tetranuclear Cu(ii) complexes: magnetism and catalytic activity towards mild hydrocarboxylation of alkanes. <i>Dalton Transactions</i> , 2013, 42, 16578.	3.3	76

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19	Hydrothermal Synthesis and Crystal Structure of a Novel Two-Dimensional Vanadium Oxide Complex with a 6,14-Net Sinusoidal Ruffling Anionic Layer: [Ni(phen)2V4O11] (phen = 1,10-Phenanthroline). <i>Inorganic Chemistry</i> , 2002, 41, 140-143.	4.0	74
20	Crystal structure and some properties of a novel potent Cu2Zn2SOD model schiff base copper(II) complex $[Cu(bppn)](ClO_4)_2 \cdot 2 H_2O$ . <i>Polyhedron</i> , 1996, 15, 4565-4571.	2.2	71
21	1D Coordination Polymers Constructed from anti-anti Carboxylato-Bridged MnIII3O(Brppz)3 Units: From Long-Range Magnetic Ordering to Single-Chain Magnet Behaviors. <i>Inorganic Chemistry</i> , 2009, 48, 4980-4987.	4.0	71
22	Three-Dimensional Eight- or Four-Connected Metal-Organic Frameworks Tuned by Hydrothermal Temperatures. <i>Crystal Growth and Design</i> , 2007, 7, 1312-1317.	3.0	70
23	3d-4f heterometallic trinuclear complexes derived from amine-phenol tripodal ligands exhibiting magnetic and luminescent properties. <i>Dalton Transactions</i> , 2017, 46, 1153-1162.	3.3	69
24	Syntheses, Crystal Structures, and Magnetic Properties of Two p-tert-Butylsulfonylcalix[4]arene Supported Cluster Complexes with a Totally Disordered Ln4(OH)4 Cubane Core. <i>Crystal Growth and Design</i> , 2012, 12, 2948-2954.	3.0	66
25	Dinuclear Mn(II,II) complexes: magnetic properties and microwave assisted oxidation of alcohols. <i>Dalton Transactions</i> , 2014, 43, 3966.	3.3	65
26	Coordination Complexes of 2-(4-Quinoly)nitronyl Nitroxide with M(hfac)2 [M = Mn(II), Co(II), and Cu(II)]: Syntheses, Crystal Structures, and Magnetic Characterization. <i>Inorganic Chemistry</i> , 2004, 43, 4091-4098.	4.0	62
27	A single-molecule magnet featuring a parallelogram [Dy4(OCH2)4] core and two magnetic relaxation processes. <i>Dalton Transactions</i> , 2013, 42, 14813.	3.3	62
28	Luminescent, magnetic and ferroelectric properties of noncentrosymmetric chain-like complexes composed of nine-coordinate lanthanide ions. <i>Dalton Transactions</i> , 2013, 42, 15317.	3.3	62
29	One-Dimensional Homochiral Cyano-Bridged Heterometallic Chain Coordination Polymers with Metamagnetic or Ferroelectric Properties. <i>Inorganic Chemistry</i> , 2009, 48, 10177-10185.	4.0	61
30	Heptanuclear 3d-4f cluster complexes with a coaxial double-screw-propeller topology and diverse magnetic properties. <i>Dalton Transactions</i> , 2010, 39, 11325.	3.3	60
31	A 3D MOF constructed from dysprosium(III) oxalate and capping ligands: ferromagnetic coupling and field-induced two-step magnetic relaxation. <i>Chemical Communications</i> , 2016, 52, 4804-4807.	4.1	60
32	Spin Glass Behaviour in a 1D Mixed Molybdenum-Vanadium Heteropolyoxometalate-Bridged Coordination Polymer. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4774-4779.	2.0	58
33	Anion Effects on Lanthanide(III) Tetrazole-1-acetate Dinuclear Complexes Showing Slow Magnetic Relaxation and Photofluorescent Emission. <i>Inorganic Chemistry</i> , 2016, 55, 3738-3749.	4.0	56
34	4-(N,N-Dimethylamine)benzointrile (DMABN) derivatives with boronic acid and boronate groups: new fluorescent sensors for saccharides and fluoride ion. <i>Journal of Materials Chemistry</i> , 2007, 17, 1964.	6.7	55
35	Trinuclear Cu(II) Structural Isomers: Coordination, Magnetism, Electrochemistry and Catalytic Activity towards the Oxidation of Alkanes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3959-3969.	2.0	54
36	Chiral Induction in the Hydrothermal Synthesis of a 3D Chiral Heterometallic Metal-Organic Framework Constructed from Achiral 1,4-Naphthalenedicarboxylate. <i>Inorganic Chemistry</i> , 2013, 52, 6773-6775.	4.0	53

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37	A novel bimetallic cage complex constructed from six V4Co pentatomic rings: hydrothermal synthesis and crystal structure of [(2,2-â€²-Py2NH)2Co]3V8O23. <i>Chemical Communications</i> , 2001, , 1636-1637.	4.1	51
38	Unprecedented Self-Catenated Eight-Connected Network Based on Novel Azide-Bridged Tetramanganese(II) Clusters. <i>Inorganic Chemistry</i> , 2009, 48, 789-791.	4.0	50
39	The first case of an actinide polyrotaxane incorporating cucurbituril: a unique "dragon-like"™ twist induced by a specific coordination pattern of uranium. <i>Chemical Communications</i> , 2014, 50, 3612-3615.	4.1	50
40	Family of Chiral Zn<sup>II</sup>-Ln<sup>III</sup> (Ln = Dy and Tb) Heterometallic Complexes Derived from the Amine-Phenol Ligand Showing Multifunctional Properties. <i>Inorganic Chemistry</i> , 2020, 59, 2811-2824.	4.0	50
41	Enhanced single-ion magnetic and ferroelectric properties of mononuclear Dy(III) enantiomeric pairs through the coordination role of chiral ligands. <i>Chemical Communications</i> , 2017, 53, 3998-4001.	4.1	49
42	New Skeletal 3D Polymeric Inorganic Cluster [W4S16Cu16Cl16] with Cu in Mixed-Valence States: Solid-State Synthesis, Crystal Structure, and Third-Order Nonlinear Optical Properties. <i>Inorganic Chemistry</i> , 2005, 44, 9128-9130.	4.0	48
43	Ionothermal synthesis of a 3D dysprosium-1,4-benzenedicarboxylate framework based on the 1D rod-shaped dysprosium-carboxylate building blocks exhibiting slow magnetization relaxation. <i>CrystEngComm</i> , 2014, 16, 486-491.	2.6	48
44	Field-Induced Slow Magnetic Relaxation and Gas Adsorption Properties of a Bifunctional Cobalt(II) Compound. <i>Inorganic Chemistry</i> , 2015, 54, 11362-11368.	4.0	48
45	Electron Transport through a Self-Assembled Monolayer of Thiol-End-Functionalized Tetraphenylporphines and Metal Tetraphenylporphines. <i>Langmuir</i> , 2006, 22, 3035-3039.	3.5	46
46	Coordination chemistry of tetrazolate-5-carboxylate with manganese(ii): synthesis, structure and magnetism. <i>Dalton Transactions</i> , 2009, , 2721.	3.3	45
47	Stable Lanthanide Metal-Organic Frameworks with Ratiometric Fluorescence Sensing for Amino Acids and Tunable Proton Conduction and Magnetic Properties. <i>Inorganic Chemistry</i> , 2022, 61, 6819-6828.	4.0	44
48	Crystal structure and novel magnetic property of a three-dimensional manganese(II)-1/4-1,3-azido system. <i>Inorganic Chemistry Communication</i> , 1999, 2, 31-34.	3.9	43
49	3D Organic-Inorganic Perovskite Ferroelastic Materials with Two Ferroelastic Phases: [Et<sub>3</sub>P(CH<sub>2</sub>)<sub>2</sub>F][Mn(dca)<sub>3</sub>] and [Et<sub>3</sub>P(CH<sub>2</sub>)<sub>2</sub>Cl][Mn(dca)<sub>3</sub>]. <i>Chemistry - A European Journal</i> , 2019, 25, 6447-6454.	3.3	43
50	A novel, more vivid Cu2Zn2SOD model: crystal structure and some properties of the Schiff base copper(II) complex: [Cu(appn)](ClO4)2·H2O. <i>Polyhedron</i> , 1997, 16, 119-123.	2.2	42
51	Solvatomagnetic effect and spin-glass behavior in a 1D coordination polymer constructed from EE-azido bridged MnIII3O units. <i>Chemical Communications</i> , 2008, , 368-370.	4.1	42
52	Structures and magnetism of azide- and carboxylate-bridged metal(ii) systems derived from 1,2-bis(N-carboxymethyl-4-pyridinio)ethane. <i>Dalton Transactions</i> , 2010, 39, 1846-1854.	3.3	42
53	Supramolecular lanthanide metallogrids exhibiting field-induced single-ion magnetic behavior. <i>Dalton Transactions</i> , 2013, 42, 4369.	3.3	42
54	Slow Magnetization Relaxation in Ni<sup>II</sup>-Dy<sup>III</sup>-Fe<sup>III</sup> Molecular Cycles. <i>Inorganic Chemistry</i> , 2015, 54, 1206-1208.	4.0	42

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55	A homochiral Zn–Dy heterometallic left-handed helical chain complex without chiral ligands: anion-induced assembly and multifunctional integration. <i>Chemical Communications</i> , 2018, 54, 13379-13382.	4.1	42
56	New type of organic semiconductors for field-effect transistors with carbon-carbon triple bonds. <i>Journal of Materials Chemistry</i> , 2009, 19, 1477.	6.7	41
57	Novel Three-Dimensional Metal-Azide Network Induced by a Bipyridine-Based Zwitterionic Monocarboxylate Ligand: Structures and Magnetism. <i>Inorganic Chemistry</i> , 2010, 49, 8092-8098.	4.0	41
58	Multifunctional Zn–Yb complex enantiomers showing second-harmonic generation, near-infrared luminescence, single-molecule magnet behaviour and proton conduction. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16032-16041.	5.5	41
59	7-Trifluoromethylquinoline-Functionalized Luminescent Photochromic Spiropyran with the Stable Merocyanine Species Both in Solution and in the Solid State. <i>Journal of Organic Chemistry</i> , 2004, 69, 8924-8931.	3.2	40
60	Trinuclear [Co <sup>III</sup> ] <sub>2</sub> –Ln <sup>III</sup> (Ln=Tb, Dy) Single-Ion Magnets with Mixed 6-Chloro-2-Hydroxypyridine and Schiff Base Ligands. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1847-1853.	3.3	40
61	3D chiral and 2D achiral cobalt compounds constructed from a 4-(benzimidazole-1-yl)benzoic ligand exhibiting field-induced single-ion-magnet-type slow magnetic relaxation. <i>Dalton Transactions</i> , 2016, 45, 7768-7775.	3.3	40
62	Hydrothermal syntheses and crystal structures of two-dimensional (2D) layered vanadium oxide complexes: M(bipy)(H <sub>2</sub> O)V <sub>2</sub> O <sub>6</sub> (M = Ni, Co, bipy = bipyridine) and [Ni(bipy) <sub>2</sub> V <sub>6</sub> O <sub>17</sub> ]. <i>Dalton Transactions</i> RSC, 2002, , 598.	2.3	39
63	Nestlike C <sub>4</sub> -Symmetric [Co <sub>24</sub> ] Metallamacrocycle Sustained by p-tert-Butylsulfonylcalix[4]arene and 1,2,4-Triazole. <i>Chemistry - A European Journal</i> , 2011, 17, 12285-12288.	3.3	39
64	Heterodinuclear MII–LnIII single molecule magnets constructed from exchange-coupled single ion magnets. <i>Dalton Transactions</i> , 2014, 43, 11309.	3.3	39
65	Synthetic Route to a Triphenylenehexaselenol-Based Metal Organic Framework with Semi-conductive and Glassy Magnetic Properties. <i>IScience</i> , 2020, 23, 100812.	4.1	39
66	Syntheses, crystal structures, and magnetic properties of two cyclic dimer M <sub>2</sub> L <sub>2</sub> complexes constructed from a new nitronyl nitroxide ligand and M(hfac) <sub>2</sub> (M=Cu <sup>2+</sup> , Mn <sup>2+</sup> ). <i>Inorganica Chimica Acta</i> , 2007, 360, 3553-3559.	2.4	37
67		3.9	37
68	Cyanide-bridged 1D Mn(III)–Fe(III) bimetallic complexes: synthesis, crystal structure and magnetic properties. <i>New Journal of Chemistry</i> , 2009, 33, 2296.	2.8	37
69	Two- and three-dimensional lanthanide–organic frameworks constructed using 1-hydro-6-oxopyridine-3-carboxylate and oxalate ligands. <i>Dalton Transactions</i> , 2009, , 5666.	3.3	37
70	A sandwich-type triple-decker lanthanide complex with mixed phthalocyanine and Schiff base ligands. <i>Dalton Transactions</i> , 2013, 42, 11043.	3.3	35
71	Single-Molecule Magnet Behavior of 1D Coordination Polymers Based on DyZn <sub>2</sub> (salen) <sub>2</sub> Units and Pyridin-N-Oxide-4-Carboxylate: Structural Divergence and Magnetic Regulation. <i>Inorganic Chemistry</i> , 2018, 57, 11077-11086.	4.0	34
72	Assembly of chiral 3d–4f wheel-like cluster complexes with achiral ligands: single-molecule magnetic behavior and magnetocaloric effect. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3340-3351.	6.0	34

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73	Synthesis, Crystal Structure and Third-Order Nonlinear Optical Behavior of a Novel Dimeric Mixed-Ligand Zinc(II) Complex of 1,3-Dithiole-2-thione-4,5-dithiolate. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 1591-1594.	2.0	33
74	A Novel Mixed-Valence CuI/CuII Coordination Polymer: Solvothermal Synthesis, Crystal Structure, and Magnetic Properties of CuI[CuII(2-Pyrazinecarboxylate)2(H2O)(ClO4)]. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3618-3622.	2.0	32
75	New Types of Heterospin Complexes from trans-Oxamido-Bridged Copper(II) Binuclear Units and Nitronyl Nitroxide Radicals: A Crystal Structure and Magnetic Characterization. <i>Inorganic Chemistry</i> , 2004, 43, 6620-6627.	4.0	32
76	Coordination Complexes of Molybdenum with 3,6-Di-tert-butylcatechol. Addition Products of DMSO, Pyridine N-oxide, and Triphenylarsine Oxide to the Putative [MoVIO(3,6-DBCat)2] Monomer and Self-Assembly of the Chiral [MoVIO(3,6-DBCat)2]4 Square. <i>Inorganic Chemistry</i> , 2004, 43, 2114-2124.	4.0	32
77	In situ hydrothermal decarboxylation for unprecedented three-dimensional lanthanide-organic frameworks. <i>Inorganic Chemistry Communication</i> , 2008, 11, 903-906.	3.9	32
78	Two-step warming solvothermal syntheses, luminescence and slow magnetic relaxation of isostructural dense LnMOFs based on nanoscale 3-connected linkers. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1076-1081.	6.0	32
79	Rhodamine Salicylaldehyde Hydrazone Dy(III) Complexes: Fluorescence and Magnetism. <i>Inorganic Chemistry</i> , 2018, 57, 4061-4069.	4.0	30
80	Tris[tri(2-thienyl)phosphine]palladium as the catalyst precursor for thiophene-based Suzuki-Miyaura crosscoupling and polycondensation. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4556-4563.	2.3	29
81	Crystal structure and spectroscopic and magnetic properties of a novel cis-4,4'-bipyridine polymeric complex of NiII: cis-catenar-[1/4-4,4'-bipy] [Ni(Et-XA)2]·0.5EtOH·CHCl3. <i>Polyhedron</i> , 1997, 16, 2667-2671.	2.2	28
82	Carboxylic acid-dependent assembly of neodymium-organic frameworks with attractive topologies and second-order nonlinear optical and/or magnetic properties. <i>CrystEngComm</i> , 2008, 10, 1674.	2.6	28
83	Organic-Inorganic Hybrid Aligned by the Ligand-Ligand Hydrogen Bonds by Using Pyridyl-Substituted Oxalamides as the Building Blocks. <i>Crystal Growth and Design</i> , 2008, 8, 869-876.	3.0	28
84	Multiple thermal magnetic relaxation in a two-dimensional ferromagnetic dysprosium metal-organic framework. <i>RSC Advances</i> , 2015, 5, 104854-104861.	3.6	28
85	A trimetallic strategy towards ZnII4DyIII2CrIII2 and ZnII4DyIII2CoIII2 single-ion magnets. <i>Dalton Transactions</i> , 2015, 44, 15413-15416.	3.3	28
86	Chiral six-coordinate Dy(III) and Tb(III) complexes of an achiral ligand: structure, fluorescence, and magnetism. <i>Dalton Transactions</i> , 2017, 46, 13035-13042.	3.3	28
87	Synthesis, Crystal Structure, and Magnetic Properties of a Three-Dimensional Cyano-Bridged Bimetallic Coordination Polymer with an Aromatic Amine Capping Ligand: [Cu(2,2'-dpa)]3[Cr(CN)6]2·3H2O (2,2'-dpa = 2,2'-Dipicolylamine). <i>Crystal Growth and Design</i> , 2006, 6, 94-98.	3.0	27
88	Tetranuclear Uranyl Polyrotaxanes: Preferred Selectivity toward Uranyl Tetramer for Stabilizing a Flexible Polyrotaxane Chain Exhibiting Weakened Supramolecular Inclusion. <i>Chemistry - A European Journal</i> , 2015, 21, 10226-10235.	3.3	27
89	Experimental and theoretical exploration of magnetic exchange interactions and single-molecule magnetic behaviour of bis(1,1'-bis(2,2'-carboxylate)GdIII2/DyIII2 systems. <i>Dalton Transactions</i> , 2018, 47, 11455-11469.	3.3	27
90	Metallo-cyclic Ni4Ln2M2 single-molecule magnets. <i>Dalton Transactions</i> , 2017, 46, 6544-6552.	3.3	26

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91	Luminescence and slow magnetic relaxation of isostructural 2D lanthanide metal-organic frameworks derived from both nicotinate N-oxide and glutarate. <i>RSC Advances</i> , 2015, 5, 92980-92987.	3.6	25
92	Ligand-directed assembly of trinuclear and one-dimensional heterotrimetallic Cu <sup>II</sup> Ln <sup>III</sup> Fe <sup>III</sup> complexes: unusual antiferromagnetic Cu <sup>II</sup> Fe <sup>III</sup> coupling via cyano bridges. <i>New Journal of Chemistry</i> , 2016, 40, 8643-8649.	2.8	25
93	Homochiral Ferromagnetic Coupling Dy <sub>2</sub> Single-Molecule Magnets with Strong Magneto-Optical Faraday Effects at Room Temperature. <i>Inorganic Chemistry</i> , 2021, 60, 12039-12048.	4.0	25
94	Ferromagnetic Disklike Mn <sub>4</sub> Mn <sub>3</sub> Na <sub>3</sub> Heptanuclear Complex with a S = 9 Ground State. <i>Inorganic Chemistry</i> , 2009, 48, 792-794.	4.0	24
95	Syntheses, crystal structures and magnetic properties of two dicopper(II) complexes and a zigzag 1-D Cu(II) complex of a bidentate pyridyl-pyrazole ligand. <i>Polyhedron</i> , 2011, 30, 715-724.	2.2	24
96	Calixarene-Supported Polynuclear Cobalt(II) Cluster Complexes Tuned by Substitution Groups of the Second Bridging Ligands. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4210-4217.	2.0	24
97	Synthesis, crystal structure and magnetic properties of dinuclear Ni <sup>II</sup> Ln <sup>III</sup> complexes based on a flexible polydentate ligand. <i>Dalton Transactions</i> , 2013, 42, 11227.	3.3	24
98	Hexanuclear [Ni <sub>2</sub> Ln <sub>4</sub> ] clusters exhibiting enhanced magnetocaloric effect and slow magnetic relaxation. <i>RSC Advances</i> , 2014, 4, 53870-53876.	3.6	24
99	Spin-canting in a 1D chain Mn(II) complex with alternating double end-on and double end-to-end azido bridging ligands. <i>Inorganic Chemistry Communication</i> , 2007, 10, 897-901.	3.9	23
100	Porous Coordination Polymers Based on {Mn <sub>6</sub> } Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2016, 55, 5880-5885.	4.0	23
101	Peroxidative Oxidation of Alkanes and Alcohols under Mild Conditions by Di- and Tetranuclear Copper (II) Complexes of Bis (2-Hydroxybenzylidene) Isophthalohydrazide. <i>Molecules</i> , 2018, 23, 2699.	3.8	23
102	Novel silver(I) complexes derived from tetrakis(methylthio)tetrathiafulvalene and bis(ethylenedithio)tetrathiafulvalene with 3D and 1D structures. <i>New Journal of Chemistry</i> , 2002, 26, 490-494.	2.8	22
103	Temperature-controlled polymorphism of chiral Cu <sup>II</sup> Ln <sup>III</sup> dinuclear complexes exhibiting slow magnetic relaxation. <i>Dalton Transactions</i> , 2015, 44, 11191-11201.	3.3	22
104	Guest-induced dimension change. A novel network intercalation complex: {[Cd(4,4'-bipy)2(H2O)2](CF3SO3)2(4,4'-bipy)(H2O)2(C7H8N2O3)2}·nH2O. <i>Inorganic Chemistry Communication</i> , 1999, 2, 292-297.	3.9	21
105	Two novel windmill-like tetrasupporting heteropolyoxometalates: [Mo <sub>7</sub> V <sub>7</sub> Mo <sub>8</sub> W <sub>8</sub> O <sub>40</sub> (PO <sub>4</sub> )] [M(phen) <sub>2</sub> (OH)] <sub>2</sub> [M(phen) <sub>2</sub> (OEt)] <sub>2</sub> (M=Co, Ni). <i>Solid State Sciences</i> , 2004, 6, 689-696.	3.2	21
106	Solvothermal synthesis, crystal structure and magnetic property of a new dinuclear manganese(II)-azido complex: [Mn(2,2'-dpa)(N <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> (2,2'-dpa=2,2'-dipicolylamine). <i>Inorganica Chimica Acta</i> , 2005, 358, 834-838.	2.4	21
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219	A mercury(II)-radical complex with a 1D ladder structure. <i>Journal of Coordination Chemistry</i> , 2008, 61, 1325-1332.	2.2	1
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