

# Ming-Liang Tong

## List of Publications by Year in descending order

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366  
papers

28,560  
citations

4388

86  
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6836

155  
g-index

386  
all docs

386  
docs citations

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times ranked

10049  
citing authors



#	ARTICLE	IF	CITATIONS
19	Single Ion Magnets from 3d to 5f: Developments and Strategies. <i>Chemistry - A European Journal</i> , 2018, 24, 7574-7594.	3.3	264
20	Silver(I)-hexamethylenetetramine molecular architectures: from self-assembly to designed assembly. <i>Coordination Chemistry Reviews</i> , 2003, 246, 185-202.	18.8	260
21	Assembling Magnetic Nanowires into Networks: A Layered Coll Carboxylate Coordination Polymer Exhibiting Single-Chain-Magnet Behavior. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6310-6314.	13.8	240
22	A mixed-valence copper coordination polymer generated by hydrothermal metal/ligand redox reactions Electronic supplementary (ESI) available: the effective molar magnetic moment $\mu_{\text{eff}}$ of 1 vs. T. See <a href="http://www.rsc.org/suppdata/cc/b2/b203301a/">http://www.rsc.org/suppdata/cc/b2/b203301a/</a> . <i>Chemical Communications</i> , 2002, , 1342-1343.	4.1	236
23	A Heterometallic Fe <sup>II</sup> -Dy <sup>III</sup> Single-Molecule Magnet with a Record Anisotropy Barrier. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12966-12970.	13.8	235
24	A New Self-Penetrating Uniform Net, (8,4) (or 86), Containing Planar Four-Coordinate Nodes. <i>Journal of the American Chemical Society</i> , 2003, 125, 16170-16171.	13.7	230
25	A Six-Coordinate Ytterbium Complex Exhibiting Easy-Plane Anisotropy and Field-Induced Single-Ion Magnet Behavior. <i>Inorganic Chemistry</i> , 2012, 51, 8538-8544.	4.0	221
26	Temperature-controlled hydrothermal synthesis of a 2D ferromagnetic coordination bilayered polymer and a novel 3D network with inorganic Co <sub>3</sub> (OH) <sub>2</sub> ferromagnetic chains. <i>Chemical Communications</i> , 2004, , 418-419.	4.1	218
27	Unique nanoscale {CuII <sub>36</sub> LnIII <sub>24</sub> } (Ln = Dy and Gd) metallo-rings. <i>Chemical Communications</i> , 2012, 48, 5286.	4.1	209
28	Polynuclear and Polymeric Gadolinium Acetate Derivatives with Large Magnetocaloric Effect. <i>Inorganic Chemistry</i> , 2012, 51, 405-413.	4.0	209
29	Supramolecular Organisation of Polymeric Coordination Chains into a Three-Dimensional Network with Nanosized Channels that Clathrate Large Organic Molecules. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 138-142.	2.0	199
30	Helical Silver(I)-2,4-Bipyridine Chains Organized into 2-D Networks by Metal Counterion or Metal-Metal Bonding. Structures of [Ag(2,4-bipyridine)]X (X= NO <sub>3</sub> -or ClO <sub>4</sub> -). <i>Inorganic Chemistry</i> , 1998, 37, 5278-5281.	4.0	197
31	Pseudo-Polyrotaxane and 2-Sheet Layer-Based Three-Dimensional Coordination Polymers Constructed with Silver Salts and Flexible Pyridyl-Type Ligands. <i>Inorganic Chemistry</i> , 2002, 41, 4846-4848.	4.0	193
32	Syntheses, Crystal Structures, and Physical Properties of Dinuclear Copper(I) and Tetranuclear Mixed-Valence Copper(I,II) Complexes with Hydroxylated Bipyridyl-Like Ligands. <i>Chemistry - A European Journal</i> , 2002, 8, 3187.	3.3	191
33	The First {Dy <sub>4</sub> } Single-Molecule Magnet with a Toroidal Magnetic Moment in the Ground State. <i>Inorganic Chemistry</i> , 2012, 51, 1233-1235.	4.0	191
34	A Star-Antiferromagnet: A Polymeric Iron(III) Acetate That Exhibits Both Spin Frustration and Long-Range Magnetic Ordering. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6076-6080.	13.8	188
35	Cu <sup>2+</sup> -Mediated Dehydrogenative Coupling and Hydroxylation of an N-Heterocyclic Ligand: From Generation of a New Tetratopic Ligand to the Designed Assembly of Three-Dimensional Copper(I) Coordination Polymers. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5471-5475.	13.8	184
36	Giant Heterometallic Cu <sub>17</sub> Mn <sub>28</sub> Cluster with Td Symmetry and High-Spin Ground State. <i>Journal of the American Chemical Society</i> , 2007, 129, 1014-1015.	13.7	180

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37	Study of a magnetic-cooling material Gd(OH)CO <sub>3</sub> . Journal of Materials Chemistry A, 2014, 2, 9851-9858.	10.3	173
38	Hyperfine-Interaction-Driven Suppression of Quantum Tunneling at Zero Field in a Holmium(III) Single-Molecule Magnet. Angewandte Chemie - International Edition, 2017, 56, 4996-5000.	13.8	173
39	Molecular Ladders with Multiple Interpenetration of the Lateral Arms into the Squares of Adjacent Ladders Observed for [M <sub>2</sub> (4,4'-bpy) <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub> (phba) <sub>2</sub> ](NO <sub>3</sub> ) <sub>2</sub> ·4H <sub>2</sub> O (M = Cu <sup>2+</sup> or Co <sup>2+</sup> ; 4,4'-bpy = ) Tj ETQq 4. b0.784314 rgt	4.1	147
40	Syntheses, Structures, and Properties of Three Novel Coordination Polymers of Silver(I) Aromatic Carboxylates with Hexamethylenetetramine Exhibiting Unique Metal-π Interaction. Organometallics, 2001, 20, 5319-5325.	2.3	164
41	Anion-Templated Assembly and Magnetocaloric Properties of a Nanoscale {Gd <sub>38</sub> } Cage versus a {Gd <sub>48</sub> } Barrel. Chemistry - A European Journal, 2013, 19, 14876-14885.	3.3	159
42	A large cryogenic magnetocaloric effect exhibited at low field by a 3D ferromagnetically coupled Mn(II)-Gd(III) framework material. Chemical Communications, 2012, 48, 12219.	4.1	152
43	A novel three-dimensional coordination polymer constructed with mixed-valence dimeric copper(I,II) units Electronic supplementary information (ESI) available: synthesis and data for 1. See <a href="http://www.rsc.org/suppdata/cc/b2/b210914j">http://www.rsc.org/suppdata/cc/b2/b210914j</a> . Chemical Communications, 2003, , 428-429.	4.1	151
44	Controlled Aggregation of Heterometallic Nanoscale Cu <sub>12</sub> Ln <sub>6</sub> Clusters (Ln = Gd(III) or Nd(III)) into 2D Coordination Polymers. Inorganic Chemistry, 2005, 44, 559-565.	4.0	150
45	New In Situ Cleavage of Both S-S and S-C(sp <sup>2</sup> ) Bonds and Rearrangement Reactions toward the Construction of Copper(I) Cluster-Based Coordination Networks. Inorganic Chemistry, 2007, 46, 795-800.	4.0	150
46	A Dysprosium Metallocene Single-Molecule Magnet Functioning at the Axial Limit. Angewandte Chemie, 2017, 129, 11603-11607.	2.0	149
47	Supramolecular Isomerism in Cadmium Hydroxide Phases. Temperature-Dependent Synthesis and Structure of Photoluminescent Coordination Polymers of 1±- and 1 <sup>2</sup> -Cd <sub>2</sub> (OH) <sub>2</sub> (2,4-pyda). Crystal Growth and Design, 2005, 5, 837-839.	3.0	144
48	Self-Assembly of Two- and Three-Dimensional Coordination Networks with Hexamethylenetetramine and Different Silver(I) Salts. Chemistry - A European Journal, 2000, 6, 3729-3738.	3.3	137
49	Rational design and construction of the first tetrahedral net with photoluminescent Cu <sub>4</sub> cubane cluster as the tetrahedral node. Dalton Transactions, 2005, , 1165.	3.3	135
50	A brilliant cryogenic magnetic coolant: magnetic and magnetocaloric study of ferromagnetically coupled GdF <sub>3</sub> . Journal of Materials Chemistry C, 2015, 3, 12206-12211.	5.5	134
51	Distinct Molecular Motions in a Switchable Chromophore Dielectric 4-(dimethylamino)-4'-methylstilbazolium Trifluoromethanesulfonate. Advanced Functional Materials, 2012, 22, 4855-4861.	4.0	133
52	The First Noncluster Vanadium(IV) Coordination Polymers: Solvothermal Syntheses, Crystal Structure, and Ion Exchange. Journal of Solid State Chemistry, 2001, 160, 118-122.	2.9	131
53	From arm-shaped layers to a new type of polythreaded array: a two fold interpenetrated three-dimensional network with a rutile topology Electronic Supplementary Information (ESI) available: details of the synthesis and solid state emission spectra of 1. See <a href="http://www.rsc.org/suppdata/cc/b4/b405016a/">http://www.rsc.org/suppdata/cc/b4/b405016a/</a> . Chemical Communications, 2004, , 1876.	4.1	131
54	Hydrothermal Synthesis, Structures, and Photoluminescent Properties of Benzenepentacarboxylate Bridged Networks Incorporating Zinc(II)-Hydroxide Clusters or Zinc(II)-Carboxylate Layers. Inorganic Chemistry, 2008, 47, 190-199.	4.0	131

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55	Toward Designed Assembly of Microporous Coordination Networks Constructed from Silver(I)-Hexamethylenetetramine Layers. <i>Inorganic Chemistry</i> , 2001, 40, 3562-3569.	4.0	130
56	Controlled hydrothermal synthesis of copper(ii or i,ii) coordination polymers via pH-dependent in situ metal/ligand redox reactions. <i>New Journal of Chemistry</i> , 2004, 28, 1412.	2.8	123
57	Homochiral crystallization of helical coordination chains bridged by achiral ligands: can it be controlled by the ligand structure?. <i>Dalton Transactions</i> , 2005, , 424.	3.3	120
58	Wheel-shaped nanoscale $3d \times 4f$ {CoII16LnIII24} clusters (Ln = Dy and Gd). <i>Chemical Communications</i> , 2013, 49, 8081.	4.1	120
59	The Effect of an Active Guest on the Spin Crossover Phenomenon. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1198-1202.	13.8	119
60	A Two-Dimensional Iron(II) Carboxylate Linear Chain Polymer that Exhibits a Metamagnetic Spin-Canted Antiferromagnetic to Single-Chain Magnetic Transition. <i>Inorganic Chemistry</i> , 2008, 47, 4077-4087.	4.0	116
61	A novel two-dimensional rectangular network. Synthesis and structure of $\{[Cu(4,4\text{-bpy})(pyz)(H_2O)_2][PF_6]_2\}_n$ (4,4'-bipyridine, pyz=pyrazine). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 5-6.		114
62	Double-strand DNA cleavage by copper complexes of 2,2'-dipyridyl with electropositive pendants. <i>Dalton Transactions</i> , 2006, , 2066-2071.	3.3	111
63	Symmetry related $[D_{3h}MnIII_{12}]$ cores with different magnetic anisotropies. <i>Chemical Science</i> , 2011, 2, 1268.	7.4	108
64	Synthesis, Structures, and Magnetic Properties of Heteronuclear Cu(II)-Ln(III) (Ln = La, Gd, or Tb) Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 8285-8292.	4.0	107
65	A zigzag $D_{3h} \times C_4$ cluster exhibiting single-molecule magnet, ferroelectric and white-light emitting properties. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8858-8864.	5.5	107
66	Coexistence of Planar and Chair-Shaped Cyclic Water Hexamers in a Unique Cyclohexanehexacarboxylate-Bridged Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2006, 6, 357-359.	3.0	105
67	1D Tubular Chains and 3D Polycatenane Frameworks Constructed with $Cu_2X_2$ Dimers (X = Br, I, CN-) and Flexible Dipyridyl Spacers. <i>Crystal Growth and Design</i> , 2006, 6, 2543-2550.	3.0	102
68	Novel three-dimensional $3d \times 4f$ microporous magnets exhibiting selective gas adsorption behavior. <i>Chemical Communications</i> , 2008, , 6348.	4.1	100
69	The coordination chemistry of cyclohexanepolycarboxylate ligands. Structures, conformation and functions. <i>Coordination Chemistry Reviews</i> , 2011, 255, 421-450.	18.8	100
70	Adjusting the Porosity and Interpenetration of Cadmium(II) Coordination Polymers by Ligand Modification: Syntheses, Structures, and Adsorption Properties. <i>Crystal Growth and Design</i> , 2010, 10, 1138-1144.	3.0	96
71	Multifunctional $D_{3h} \times C_4$ Cluster Exhibiting White-Emitting, Ferroelectric and Single-Molecule Magnet Behavior. <i>Chemistry - A European Journal</i> , 2013, 19, 8769-8773.	3.3	96
72	Dynamic Magnetic and Optical Insight into a High Performance Pentagonal Bipyramidal $D_{3h}$ Single-Ion Magnet. <i>Chemistry - A European Journal</i> , 2017, 23, 5708-5715.	3.3	96

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73	Hydrothermal synthesis and crystal structures of two bimetallic chain-like and cluster complexes $[\{Co(phen)_2\}_2V_6O_{17}]_n$ and $[\{Cu(phen)_2\}_4V_{10}O_{29}] \cdot 6H_2O$ . <i>Chemical Communications</i> , 2000, , 1817-1818.	4.1	95
74	Two novel Dy <sub>8</sub> and Dy <sub>11</sub> clusters with cubane $[Dy_4(\mu_3-OH)_4]^{8+}$ units exhibiting slow magnetic relaxation behaviour. <i>Dalton Transactions</i> , 2011, 40, 10229.	3.3	95
75	Pure Trinuclear 4% of Single-Molecule Magnets: Synthesis, Structures, Magnetism and Ab Initio Investigation. <i>Chemistry - A European Journal</i> , 2011, 17, 2458-2466.	3.3	93
76	Complexation, Structure, and Superoxide Dismutase Activity of the Imidazolate-Bridged Dinuclear Copper Moiety with $\beta$ -Cyclodextrin and Its Guanidinium-Containing Derivative. <i>Journal of the American Chemical Society</i> , 2006, 128, 4924-4925.	13.7	92
77	Synthesis, Structures, and Magnetic Properties of the Copper(II), Cobalt(II), and Manganese(II) Complexes with 9-Acridinecarboxylate and 4-Quinolinecarboxylate Ligands. <i>Inorganic Chemistry</i> , 2005, 44, 9837-9846.	4.0	91
78	Guest-Switchable Multi-Step Spin Transitions in an Amine-Functionalized Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14982-14986.	13.8	91
79	Syntheses and structures of six chain-, ladder- and grid-like co-ordination polymers constructed from $\mu_3$ -hexamethylenetetramine and silver salts. <i>Dalton Transactions RSC</i> , 2001, , 586-592.	2.3	90
80	A novel three-dimensional triangular organic-inorganic hybrid network self-assembled by mononuclear $[Mn(4,4\text{-bipyridine})_2(H_2O)_4]^{2+}$ cations and rich solvate 4,4-bipyridine molecules through hydrogen-bonding and $\pi$ - $\pi$ interactions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3657-3659.	1.1	88
81	A novel polycatenated double-layered hybrid organic-inorganic material constructed from $[Zn_2(tp)(4,4\text{-bpy})]_{n+2}$ layers and $V_4O_{12}$ pillars. <i>Dalton Transactions RSC</i> , 2001, , 770-771.	2.3	88
82	Synthesis, crystal structures and properties of six cubane-like transition metal complexes of di-2-pyridyl ketone in gem-diol form. <i>Dalton Transactions RSC</i> , 2002, , 1727-1734.	2.3	88
83	$Cu^{II} \cdot Gd^{III}$ Cryogenic Magnetic Refrigerants and $Cu_8Dy_9$ Single-Molecule Magnet Generated by In Situ Reactions of Picolinaldehyde and Acetylpyridine: Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2013, 19, 17567-17577.	3.3	88
84	Gadolinium(III)-Hydroxy Ladders Trapped in Succinate Frameworks with Optimized Magnetocaloric Effect. <i>Chemistry - A European Journal</i> , 2013, 19, 13504-13510.	3.3	88
85	A novel high-spin heterometallic Ni <sub>12</sub> K <sub>4</sub> cluster incorporating large Ni-azide circles and an in situ cyanomethylated di-2-pyridyl ketone. <i>Chemical Communications</i> , 2005, , 233-235.	4.1	86
86	Desolvation-Driven 100-Fold Slow-down of Tunneling Relaxation Rate in Co(II)-Dy(III) Single-Molecule Magnets through a Single-Crystal-to-Single-Crystal Process. <i>Scientific Reports</i> , 2015, 5, 16621.	3.3	84
87	$\alpha$ -Half-sandwich $Yb^{III}$ single-ion magnets with metallacrowns. <i>Chemical Communications</i> , 2015, 51, 10291-10294.	4.1	83
88	Coexistence of spin frustration and long-range magnetic ordering in a triangular $Co_3(\mu_3-OH)$ -based two-dimensional compound. <i>Chemical Communications</i> , 2006, , 165-167.	4.1	81
89	Gadolinium Oxalate Derivatives with Enhanced Magnetocaloric Effect via Ionothermal Synthesis. <i>Inorganic Chemistry</i> , 2014, 53, 9052-9057.	4.0	77
90	Two new 3D metal-organic frameworks of nanoscale cages constructed by Cd(ii) and conformationally-flexible cyclohexanehexacarboxylate. <i>Chemical Communications</i> , 2006, , 3166-3168.	4.1	76

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91	A unique open inorganic-organic framework with alternate hexa- and penta-coordinate cobalt(ii) sites. Synthesis, crystal structure and magnetic properties of $[\text{Co}_3(\text{C}_4\text{H}_4\text{O}_4)_2.5(\text{OH})]_n \cdot 0.5n\text{H}_2\text{O}$ . Dalton Transactions RSC, 2001, , 2888-2890.	2.3	75
92	Construction of Pyridinethiolate-Bridged 2D and 3D Coordination Networks of d10 Metal Halides via Solvothermal in Situ Disulfide Cleavage Reactions. Crystal Growth and Design, 2007, 7, 2352-2360.	3.0	75
93	Synthesis, Structure and Photoluminescent Studies of Two Novel Layered Uranium Coordination Polymers Constructed from $\text{UO}(\text{OH})$ Polyhedra and Pyridinedicarboxylates. European Journal of Inorganic Chemistry, 2005, 2005, 4109-4117.	2.0	74
94	Rational Design and Control of the Dimensions of Channels in Three-Dimensional, Porous Metal-Organic Frameworks Constructed with Predesigned Hexagonal Layers and Pillars. European Journal of Inorganic Chemistry, 2006, 2006, 1931-1935.	2.0	73
95	Rational Synthesis and Characterization of Two Three-Dimensional Metal-Organic Frameworks Incorporating Silver Chains and 1,2,3,4,5,6-Cyclohexanehexacarboxylate. European Journal of Inorganic Chemistry, 2006, 2006, 2069-2077.	2.0	72
96	Coordination Chemistry of Conformationally Flexible 1,2,3,4,5,6-Cyclohexanehexacarboxylate: Trapping Various Conformations in Metal-Organic Frameworks. Chemistry - A European Journal, 2008, 14, 7218-7235.	3.3	72
97	Probing Single-Chain Magnets in a Family of Linear Chain Compounds Constructed by Magnetically Anisotropic Metal-Ions and Cyclohexane-1,2-Dicarboxylate Analogues. Inorganic Chemistry, 2008, 47, 11202-11211.	4.0	72
98	Synthesis and crystal structures of two infinite molecular ladders $\text{Ag}(4,4\text{-bpy})_x$ ( $x = \text{MeCO}_2 \cdot 3\text{H}_2\text{O}$ or $\text{Tj ETQqO O O rgBT /Overlock}$ ). Dalton Transactions, 2008, 3, 436-441.	3.9	71
99	Symmetry-Related $[\text{Ln}^{\text{III}}_6\text{Mn}^{\text{III}}_{12}]$ Clusters toward Single-Molecule Magnets and Cryogenic Magnetic Refrigerants. Inorganic Chemistry, 2013, 52, 457-463.	4.0	71
100	Syntheses, structures and magnetic properties of a family of metal carboxylate polymers via in situ metal-ligand reactions of benzene-1,2,3-tricarboxylic acid. Dalton Transactions, 2009, , 1396.	3.3	70
101	Linear Metal(II)-4,4'-Bipyridine (4,4'-bpy) Chains Organized into Two-Dimensional Rhombic Networks by Hydrogen Bonding. Crystal Structures of $[\text{Co}(4,4\text{-bpy})(\text{H}_2\text{O})_4](\text{ClO}_4)_2 \cdot (4,4\text{-bpy})_2 \cdot 2\text{H}_2\text{O}$ and $[\text{Zn}(4,4\text{-bpy})(\text{H}_2\text{O})_3(\text{ClO}_4)](\text{ClO}_4) \cdot (4,4\text{-bpy})_1 \cdot 5\text{H}_2\text{O}$ . Australian Journal of Chemistry, 1998, 51, 637.	0.9	70
102	Reactivity of 4-amino-3,5-bis(pyridin-2-yl)-1,2,4-triazole, structures and magnetic properties of polynuclear and polymeric Mn(ii), Cu(ii) and Cd(ii) complexes. Dalton Transactions, 2009, , 10284.	3.3	69
103	Two 3d-4f nanomagnets formed via a two-step in situ reaction of picolinaldehyde. Chemical Communications, 2013, 49, 6549.	4.1	69
104	Remarkably high-temperature spin transition exhibited by new 2D metal-organic frameworks. Chemical Science, 2012, 3, 1629.	7.4	68
105	Double-strand DNA cleavage by copper complexes of 2,2'-dipyridyl with guanidinium/ammonium pendants. Dalton Transactions, 2008, , 3207.	3.3	66
106	Heterometallic cubane-like $\{\text{M}_2\text{Ln}_2\}$ ( $\text{M} = \text{Ni}, \text{Zn}; \text{Ln} = \text{Gd}, \text{Dy}$ ) and $\{\text{Ni}_2\text{Y}_2\}$ aggregates. Synthesis, structures and magnetic properties. Dalton Transactions, 2012, 41, 2320-2329.	3.3	66
107	Relaxations in heterolanthanide dinuclear single-molecule magnets. Chemical Communications, 2013, 49, 158-160.	4.1	66
108	Chloride templated formation of $\{\text{Dy}_{12}(\text{OH})_{16}\}^{20+}$ cluster core incorporating 1,10-phenanthroline-2,9-dicarboxylate. CrystEngComm, 2011, 13, 3345.	2.6	65

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109	Physical stimulus and chemical modulations of bistable molecular magnetic materials. <i>Chemical Communications</i> , 2020, 56, 13702-13718.	4.1	65
110	Two- and three-dimensional non-interpenetrating open-networks self-assembled by 1/4-hexamethylenetetramine (hmt). Syntheses and structures of $[Ag_2(1/4\text{-hmt})(SO_4)(H_2O)] \cdot 4H_2O$ and $[Ag_2(1/4\text{-hmt})(1/4\text{-O}_2\text{CMe})]MeCO_2 \cdot 4.5H_2O$ . <i>Chemical Communications</i> , 1999, , 561-562.	4.1	64
111	Switching of the Magnetocaloric Effect of $Mn^{II}$ Glycolate by Water Molecules. <i>Chemistry - A European Journal</i> , 2014, 20, 3029-3035.	3.3	63
112	A square antiprism dysprosium single-ion magnet with an energy barrier over 900 K. <i>Chemical Communications</i> , 2019, 55, 9939-9942.	4.1	62
113	Opening Magnetic Hysteresis by Axial Ferromagnetic Coupling: From Mono-Decker to Double-Decker Metallocrown. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5299-5306.	13.8	62
114	Cation-templated construction of three-dimensional $1\pm$ -Po cubic-type $[M(dca)_3]^{n-}$ networks. Syntheses, structures and magnetic properties of $A[M(dca)_3]$ (dca = dicyanamide; for A = benzyltributylammonium,) <i>Inorganic Chemistry</i> , 2009, 48, 2028-2042.	2.8	61
115	Ferrimagnetic $[Co_3(OH)_2(RCO_2)_4]$ chains embedded in a laminar hybrid material exhibiting single-chain magnet behaviour. <i>Dalton Transactions</i> , 2009, , 1897.	3.3	61
116	Spin-Frustrated Complex, $[Fe^{II}Fe^{III}(\text{trans-}1,4\text{-cyclohexanedicarboxylate})_{1.5}]_z$ : Interplay between Single-Chain Magnetic Behavior and Magnetic Ordering. <i>Inorganic Chemistry</i> , 2009, 48, 2028-2042.	4.0	61
117	Modulation of single-molecule magnet behaviour via photochemical [2+2] cycloaddition. <i>Chemical Communications</i> , 2015, 51, 15358-15361.	4.1	61
118	Single-Molecule-Magnet Behavior in a $[2 \times 2]$ Grid $Dy_4$ Cluster and a Dysprosium-Doped $Y_4$ Cluster. <i>Inorganic Chemistry</i> , 2015, 54, 8087-8092.	4.0	60
119	Recent advance in heterometallic nanomagnets based on $TMxLn_4$ cubane subunits. <i>Coordination Chemistry Reviews</i> , 2019, 387, 129-153.	18.8	60
120	Isolation of a Perfectly Linear Uranium(II) Metallocene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2299-2303.	13.8	60
121	Synthesis, structures and magnetic properties of two 3D 3,4-pyridinedicarboxylate bridged manganese(II) coordination polymers incorporating 1D helical $Mn(\text{carboxylate})_2$ chain or $Mn_3(OH)_2$ chain. <i>Journal of Solid State Chemistry</i> , 2005, 178, 1518-1525.	2.9	59
122	Cyanometallate-Bridged Didysprosium Single-Molecule Magnets Constructed with Single-Ion Magnet Building Block. <i>Inorganic Chemistry</i> , 2020, 59, 687-694.	4.0	59
123	Anionic and neutral metal-4,4'-bipyridine networks. Synthesis, structures and thermal properties of one- and three-dimensional coordination polymers constructed by metal salts and 4,4'-bipyridine. <i>CrystEngComm</i> , 2000, 2, 1.	2.6	57
124	The unique dual role of zinc atoms in a mixed zinc-vanadium phosphate $[Zn(\text{phen})Zn(\text{VO})(\text{PO}_4)_2]$ . <i>Dalton Transactions RSC</i> , 2001, , 2069-2070.	2.3	57
125	Photoluminescent two-dimensional coordination polymers constructed with octanuclear silver(I) clusters or silver(I) ions. <i>New Journal of Chemistry</i> , 2002, 26, 814-816.	2.8	57
126	Synthesis, structure, photoluminescence and magnetic properties of new 3-D lanthanide-pyridine-2,4,6-tricarboxylate frameworks. <i>CrystEngComm</i> , 2008, 10, 1645.	2.6	57

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127	Single-molecule magnets beyond a single lanthanide ion: the art of coupling. <i>Chemical Science</i> , 2022, 13, 8716-8726.	7.4	57
128	Chiral transition metal clusters from two enantiomeric schiff base ligands. Synthesis, structures, CD spectra and magnetic properties. <i>Dalton Transactions</i> , 2010, 39, 1771-1780.	3.3	55
129	A chiral spin crossover metal-organic framework. <i>Chemical Communications</i> , 2014, 50, 4059-4061.	4.1	55
130	3D oxalato-bridged lanthanide(III) MOFs with magnetocaloric, magnetic and photoluminescence properties. <i>Dalton Transactions</i> , 2017, 46, 116-124.	3.3	55
131	A Dynamic Microporous Metal-Organic Framework with BCT Zeolite Topology: Construction, Structure, and Adsorption Behavior. <i>Crystal Growth and Design</i> , 2007, 7, 2286-2289.	3.0	54
132	Tuning the Spin States of Two Apical Iron(II) Ions in the Trigonal Bipyramidal $[Fe^{II}(1/4\text{bpt})_3]^{2+}$ Cations Through the Choice of Anions. <i>Chemistry - A European Journal</i> , 2010, 16, 6169-6174.	3.3	54
133	Unprecedented hexagonal bipyramidal single-ion magnets based on metallocrowns. <i>Chemical Communications</i> , 2016, 52, 13365-13368.	4.1	54
134	Cu <sup>2+</sup> -Mediated Nucleophilic Addition of Different Nucleophiles to Dicyanamide: Synthesis, Structures, and Magnetic Properties of a Family of Mononuclear, Trinuclear, Hexanuclear, and Polymeric Copper(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4616-4624.	2.0	52
135	Synergistic electrical bistability in a conductive spin crossover heterostructure. <i>Journal of Materials Chemistry C</i> , 2015, 3, 945-949.	5.5	52
136	Pentacobalt cluster based pcu network exhibits both magnetic slow-relaxation and hysteresis behaviour. <i>Dalton Transactions</i> , 2011, 40, 27-30.	3.3	51
137	Single-Crystal to Single-Crystal Transformation from 1D Staggered Sculls Chains to 3D NbO <sub>4</sub> Type Metal-Organic Framework through [2+2] Photodimerization. <i>Chemistry - A European Journal</i> , 2012, 18, 7357-7361.	3.3	51
138	Synthesis and structures of two-dimensional coordination polymers constructed by metal salts and 4,4'-bipyridine. <i>Polyhedron</i> , 2000, 19, 1809-1814.	2.2	50
139	Self-assembly of new three-dimensional molecular architectures constructed from silver(I)-hexamethylenetetramine layers with supramolecular interactions. <i>Dalton Transactions RSC</i> , 2002, , 360-364.	2.3	49
140	Polymorphism-Dependent Spin-Crossover: Hysteretic Two-Step Spin Transition with an Ordered [HS-LS] Intermediate Phase. <i>Inorganic Chemistry</i> , 2015, 54, 5145-5147.	4.0	49
141	Solvochromic and photodimerization behaviour of 1D coordination polymer via single-crystal-to-single-crystal transformation. <i>Chemical Communications</i> , 2011, 47, 9384.	4.1	48
142	Fluorescent single-ion magnets: molecular hybrid (HNEt <sub>3</sub> )[Dy <sup>x</sup> Yb <sup>1-x</sup> (bpyda) <sub>2</sub> ] (x = 0.135-1). <i>Dalton Transactions</i> , 2013, 42, 11262.	3.3	48
143	From Pseudo to True C <sub>3v</sub> Symmetry: Magnetic Anisotropy Enhanced by Site-Specific Ligand Substitution in Two Mn <sup>15</sup> -Carboxylate Clusters. <i>Inorganic Chemistry</i> , 2007, 46, 6437-6443.	4.0	47
144	Anion-dependent construction of copper(II)-1,2,4,5-tetra(4-pyridyl)benzene frameworks. <i>CrystEngComm</i> , 2010, 12, 4378.	2.6	47

#	ARTICLE	IF	CITATIONS
145	Platinum squares with high selectivity and affinity for human telomeric G-quadruplexes. <i>Chemical Communications</i> , 2012, 48, 7607.	4.1	47
146	Aminoalcohols and benzoates-friends or foes? Tuning nuclearity of Cu(II) complexes, studies of their structures, magnetism, and catecholase-like activities as well as performing DFT and TDDFT studies. <i>Dalton Transactions</i> , 2017, 46, 9801-9823.	3.3	47
147	Hysteretic four-step spin-crossover in a 3D Hofmann-type metal-organic framework with aromatic guest. <i>Chemical Communications</i> , 2019, 55, 11033-11036.	4.1	47
148	Two Photoluminescent Metal-Organic Frameworks Constructed from Cd <sub>3</sub> (1/43-OH) Cluster or 1D Zn <sub>5</sub> (1/43-OH) <sub>2</sub> (1/4-OH) <sub>2</sub> Chain Units and In Situ Formed Bis(tetrazole)amine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 213-217.	2.0	46
149	Tuning the Spin-Crossover Behaviour of a Hydrogen-Accepting Porous Coordination Polymer by Hydrogen-Donating Guests. <i>Chemistry - A European Journal</i> , 2015, 21, 1645-1651.	3.3	46
150	Slow Magnetic Relaxation in Intermediate Spin $S = 3/2$ Mononuclear Fe(III) Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 16474-16477.	13.7	46
151	Spin-crossover modulation via single-crystal to single-crystal photochemical [2 + 2] reaction in Hofmann-type frameworks. <i>Chemical Science</i> , 2019, 10, 7496-7502.	7.4	46
152	Rational Design of a Ferromagnetic Trinuclear Copper(II) Complex with a Novel in-situ Synthesised Metalloligand. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2385-2388.	2.0	45
153	Molecular Design for Cryogenic Magnetic Coolants. <i>Chemical Record</i> , 2016, 16, 825-834.	5.8	45
154	Magnetic and luminescent properties of lanthanide coordination polymers with asymmetric biphenyl-3,2,5-tricarboxylate. <i>Dalton Transactions</i> , 2015, 44, 14424-14435.	3.3	44
155	Tunable cooperativity in a spin-crossover Hoffman-like metal-organic framework material by aromatic guests. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7830-7835.	5.5	44
156	The effect of magnetic coupling on magneto-caloric behaviour in two 3D Gd(III)-glycolate coordination polymers. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 150-156.	6.0	44
157	A Piezochromic Dysprosium(III) Single-Molecule Magnet Based on an Aggregation-Induced-Emission-Active Tetraphenylethene Derivative Ligand. <i>Inorganic Chemistry</i> , 2017, 56, 8730-8734.	4.0	44
158	Two 3D hybrid networks of mog and bcu topology constructed with copper(I/II) halides and N,N'-spacers. <i>CrystEngComm</i> , 2008, 10, 1454.	2.6	43
159	Spin Crossover versus Low-Spin Behaviour Exhibited in 2D and 3D Supramolecular Isomers of [Fe(II)(2,4-bpt) <sub>2</sub> ...Guest]. <i>Chemistry - A European Journal</i> , 2010, 16, 7973-7978.	3.3	43
160	Disklike Hepta- and Tridecanuclear Cobalt Clusters. Synthesis, Structures, Magnetic Properties, and DFT Calculations. <i>Inorganic Chemistry</i> , 2014, 53, 5458-5466.	4.0	43
161	Enantiopure and Racemic Sandwich-like Networks with Dehydration, Readsorption, and Selective Guest-Exchange Phase Transformations. <i>Crystal Growth and Design</i> , 2009, 9, 457-465.	3.0	42
162	Incomplete Spin Crossover versus Antiferromagnetic Behavior Exhibited in Three-Dimensional Porous Fe(II)-Bis(tetrazolate) Frameworks. <i>Crystal Growth and Design</i> , 2012, 12, 1482-1488.	3.0	42

#	ARTICLE	IF	CITATIONS
163	[2 + 2] Photochemical modulation of the Dy( <sup>iii</sup> ) single-molecule magnet: opposite influence on the energy barrier and relaxation time. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1311-1318.	6.0	42
164	Effect of Bridging Ligands on Magnetic Behavior in Dinuclear Dysprosium Cores Supported by Polyoxometalates. <i>Inorganic Chemistry</i> , 2019, 58, 1301-1308.	4.0	42
165	Lanthanide Oxide Clusters: From Tetrahedral [Dy <sub>4</sub> ( <sup>1/4</sup> ) <sub>4</sub> ( $\mu_4$ -O)] <sup>10+</sup> to Supertetrahedral [Ln <sub>20</sub> ( <sup>1/4</sup> ) <sub>4</sub> ( $\mu_4$ -O)] <sub>11</sub> <sup>38+</sup> (Ln=Tb, Dy, Ho, Er). <i>Chemistry - A European Journal</i> , 2013, 19, 12254-12258.	3.3	41
166	Hysteretic Spin Crossover in Two-Dimensional (2D) Hofmann-Type Coordination Polymers. <i>Inorganic Chemistry</i> , 2015, 54, 8711-8716.	4.0	41
167	Syntheses, structures and magnetic properties of five coordination polymers derived via in situ metal-ligand reactions of 2-phenyl-malonic acid. <i>Journal of Molecular Structure</i> , 2006, 796, 9-17.	3.6	40
168	Cleavage of double-strand DNA by zinc complexes of dicationic 2,2'-dipyridyl derivatives. <i>Dalton Transactions</i> , 2007, , 1250-1254.	3.3	40
169	N <sup>o</sup> el Temperature Enhancement by Increasing the In-plane Magnetic Correlation in Layered Inorganic-Organic Hybrid Materials. <i>Advanced Materials</i> , 2008, 20, 1534-1538.	21.0	40
170	Organophosphonate-Bridged Polyoxometalate-Based Dysprosium(III) Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2017, 56, 12687-12691.	4.0	39
171	pH-Controlled Assembly of Organophosphonate-Bridged Dysprosium(III) Single-Molecule Magnets Based on Polyoxometalates. <i>Inorganic Chemistry</i> , 2018, 57, 6773-6777.	4.0	39
172	Guest-Driven Light-Induced Spin Change in an Azobenzene Loaded Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 27144-27150.	13.8	39
173	Syntheses and structures of three two-dimensional silver(I)-hexamethylenetetramine co-ordination polymers with new topological motifs. <i>Dalton Transactions RSC</i> , 2001, , 2049-2053.	2.3	38
174	New Reactivity of 4-Amino-3,5-bis(pyridin-2-yl)-1,2,4-triazole: Synthesis and Structure of a Mononuclear Species, a Dinuclear Species, and a Novel Tetranuclear Nickel(II) Rectangle Box, and Magnetic Properties of the Dinuclear and Tetranuclear Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3710-3717.	2.0	38
175	Structure and Topology Versatility of Metal-Organic Frameworks Based on Tetradentate Ligands Isolated from Hydrothermal Metal/Ligand Reactions. <i>Crystal Growth and Design</i> , 2010, 10, 1742-1748.	3.0	38
176	Enantiopure chiral coordination polymers of tetrahedral and octahedral cobalt(ii) alternate chains exhibiting slow magnetic relaxation behavior. <i>Dalton Transactions</i> , 2011, 40, 5680.	3.3	38
177	A novel nanosized {Co <sub>16</sub> } metallamacrocycle incorporating four linear {Co <sub>4</sub> } subunits bridged by polytriazolate ligands. <i>Chemical Communications</i> , 2012, 48, 4477.	4.1	38
178	A pseudo-icosahedral cage {Gd <sub>12</sub> } based on aminomethylphosphonate. <i>Dalton Transactions</i> , 2016, 45, 9041-9044.	3.3	38
179	Coordination Chemistry of Cyclohexane-1,2,4,5-tetracarboxylate (H <sub>4</sub> L). Synthesis, Structure, and Magnetic Properties of Metal-Organic Frameworks with Conformation-Flexible H <sub>4</sub> L Ligand. <i>Crystal Growth and Design</i> , 2009, 9, 2442-2450.	3.0	37
180	Cyclic OFF/Part/ON switching of single-molecule magnet behaviours via multistep single-crystal-to-single-crystal transformation between discrete Fe( <sup>ii</sup> )-Dy( <sup>iii</sup> ) complexes. <i>Chemical Communications</i> , 2018, 54, 10886-10889.	4.1	37

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181	Spontaneously resolved 3D homochiral In(III) coordination polymer with extended In-OH-In helical chains. <i>CrystEngComm</i> , 2008, 10, 1070.	2.6	36
182	Ferromagnetic Homometallic Mn <sub>19</sub> Cluster and Heterometallic Na <sub>2</sub> Mn <sub>15</sub> Cluster with Large Spin State as Magnetic Refrigerants. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1007-1010.	3.3	36
183	Self-Assembly of Pentanuclear Mesocate versus Octanuclear Helicate: Size Effect of the [M <sup>II</sup> <sub>3</sub> (l <sup>3</sup> -O/X)] <sup>n+</sup> Triangle Core. <i>Inorganic Chemistry</i> , 2013, 52, 1099-1107.	4.0	36
184	Field-induced oscillation of magnetization blocking barrier in a holmium metallacrown single-molecule magnet. <i>CheM</i> , 2021, 7, 982-992.	11.7	36
185	An Octanuclear Copper(II) Complex Containing the gem-Diol Anionic Form of Di-2-pyridyl Ketone (dpd-2H) and 2-Hydroxypyridine: A Synthesis, Crystal Structure, and Properties of [Cu <sub>8</sub> (dpd-2H) <sub>4</sub> (l <sup>3</sup> -O <sub>2</sub> CMe) <sub>4</sub> {2-(OH)C <sub>5</sub> H <sub>4</sub> N} <sub>4</sub> ] <sup>-</sup> (ClO <sub>4</sub> ) <sub>4</sub> ·4H <sub>2</sub> O. <i>Inorganic Chemistry</i> , 2000, 39, 4666-4669.	4.0	35
186	Reversible crystal-to-crystal transformation from a trinuclear cluster to a 1D chain and the corresponding spin crossover (SCO) behaviour change. <i>Chemical Communications</i> , 2017, 53, 7820-7823.	4.1	35
187	A new (3,4)-connected three-dimensional anionic porous coordination net templated by Me <sub>4</sub> N <sup>+</sup> cations. <i>Inorganic Chemistry Communication</i> , 2005, 8, 48-51.	3.9	34
188	Multifunctional luminescent magnetic cryocooler in a Gd <sub>5</sub> Mn <sub>2</sub> pyramidal complex. <i>Chemical Communications</i> , 2018, 54, 4104-4107.	4.1	34
189	Uranocenium: Synthesis, Structure, and Chemical Bonding. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10163-10167.	13.8	34
190	Metal-Mediated One-Step In Situ Oxidation of 2,9-Dimethyl-1,10-phenanthroline and Formation of Transition-Metal and Lanthanoid Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3905-3909.	2.0	33
191	Crystalline State <i>cis</i> to <i>trans</i> Transformation of a Two-Dimensional Spin-Crossover System. <i>Chemistry - A European Journal</i> , 2011, 17, 2335-2339.	3.3	33
192	Magnetocaloric Properties of Heterometallic 3d <sup>4</sup> -Gd Complexes Based on the [Gd(oda) <sub>3</sub> ] <sup>3+</sup> Metalloligand. <i>Chemistry - A European Journal</i> , 2016, 22, 802-808.	3.3	33
193	Water molecule induced reversible single-crystal-to-single-crystal transformation between two trinuclear Fe( <i>scp</i> ) <sub>ii</sub> complexes with different spin crossover behaviour. <i>Dalton Transactions</i> , 2018, 47, 4307-4314.	3.3	33
194	Asymmetric seven-/eight-step spin-crossover in a three-dimensional Hofmann-type metal-organic framework. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1685-1690.	6.0	33
195	Light- and temperature-assisted spin state annealing: accessing the hidden multistability. <i>Chemical Science</i> , 2020, 11, 3281-3289.	7.4	33
196	Molecular Tectonics: Self-Complementary Supramolecular Se <sup>VI</sup> -N Synthons Directing Assembly of 1D Silver Chains into 3D Porous Molecular Architectures. <i>Inorganic Chemistry</i> , 2005, 44, 4457-4459.	4.0	32
197	Isolation of a Pentadentate Ligand and Stepwise Synthesis, Structures, and Magnetic Properties of a New Family of Homo- and Heterotrinnuclear Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 9548-9557.	4.0	32
198	Unprecedented ferromagnetic dipolar interaction in a dinuclear holmium(III) complex: a combined experimental and theoretical study. <i>Chemical Communications</i> , 2013, 49, 9341.	4.1	32

#	ARTICLE	IF	CITATIONS
199	Lanthanoid single-ion magnets with the LnN <sub>10</sub> coordination geometry. <i>Chemical Communications</i> , 2016, 52, 6261-6264.	4.1	32
200	Magnetic Dynamics of a Neodymium(III) Single-Ion Magnet. <i>Inorganic Chemistry</i> , 2018, 57, 11782-11787.	4.0	32
201	Two-Step Spin-Crossover with Three Inequivalent Fe <sup>II</sup> Sites in a Two-Dimensional Hofmann-Type Coordination Polymer. <i>Chemistry - A European Journal</i> , 2017, 23, 10034-10037.	3.3	31
202	Hyperfine-Interaction-Driven Suppression of Quantum Tunneling at Zero Field in a Holmium(III) Single-Ion Magnet. <i>Angewandte Chemie</i> , 2017, 129, 5078-5082.	2.0	31
203	Synthesis, Crystal Structures, and Magnetic Properties of Three New Iron Complexes Derived from 3,5-Bis(pyridin-2-yl)-1,2,4-triazole. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 475-481.	1.2	30
204	Synthesis, structure and magnetic property of a new mixed-valence copper(I/II) complex derived from 3,5-bis(pyridin-2-yl)-1,2,4-triazole. <i>Journal of Molecular Structure</i> , 2006, 794, 225-229.	3.6	30
205	Spontaneous resolution of four-coordinate Zn(II) complexes in the formation of three-dimensional metal-organic frameworks. <i>CrystEngComm</i> , 2010, 12, 3487.	2.6	30
206	Guest-Effected Spin-Crossover in a Novel Three-Dimensional Self-Penetrating Coordination Polymer with Permanent Porosity. <i>Inorganic Chemistry</i> , 2014, 53, 4039-4046.	4.0	30
207	Ein heterometallischer Fe <sup>II</sup> -Dy <sup>III</sup> -Einzelmolekülmagnet mit Rekord-Anisotropiebarriere. <i>Angewandte Chemie</i> , 2014, 126, 13180-13184.	2.0	30
208	Multifaceted magnetization dynamics in the mononuclear complex [Re <sup>IV</sup> Cl <sub>4</sub> (CN) <sub>2</sub> ] <sup>2+</sup> . <i>Chemical Communications</i> , 2016, 52, 12905-12908.	4.1	30
209	The substituent guest effect on four-step spin-crossover behavior. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 911-917.	6.0	30
210	Synthesis, Crystal Structures and Luminescent Properties of a New Family of Cubane Complexes Self-Assembled by Metal Carboxylates and Di-2-pyridyl Ketone in Gem-Diol Form. <i>Chemistry Letters</i> , 1999, 28, 1087-1088.	1.3	29
211	Spontaneous resolution of chiral metal mandelates by stereochemical control. <i>CrystEngComm</i> , 2009, 11, 967.	2.6	29
212	Capturing Axially Chiral Conformations of 2,2'-bipyridine in [Mn(II)(2,2'-bpy)(HCO <sub>2</sub> ) <sub>2</sub> (N <sub>3</sub> ) <sub>2</sub> ] <sup>+</sup> via Spontaneous Resolution. <i>Crystal Growth and Design</i> , 2011, 11, 2398-2403.	3.0	29
213	Efficient enhancement of magnetic anisotropy by optimizing the ligand-field in a typically tetranuclear dysprosium cluster. <i>Dalton Transactions</i> , 2015, 44, 8150-8155.	3.3	29
214	Chiral Erbium(III) Complexes: Single-Molecule Magnet Behavior, Chirality, and Nuclearity Control. <i>Inorganic Chemistry</i> , 2019, 58, 10694-10703.	4.0	29
215	Seeking magneto-structural correlations in easily tailored pentagonal bipyramid Dy(III) single-ion magnets. <i>Science China Chemistry</i> , 2020, 63, 1066-1074.	8.2	29
216	The Use of 2,1,3-Benzoselenadiazole as an Auxiliary Ligand for the Construction of New 2D Silver(I)/Benzene- or Cyclohexane-1,3,5-tricarboxylate Honeycomb Networks. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 771-778.	2.0	28

#	ARTICLE	IF	CITATIONS
217	Synthesis, structures, adsorption behaviour and magnetic properties of a new family of polynuclear iron clusters. <i>Dalton Transactions</i> , 2010, 39, 4893.	3.3	28
218	Multiple spin phases in a switchable Fe( <i>scp</i> ) complex: polymorphism and symmetry breaking effects. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3352-3361.	5.5	28
219	Discovery of a Dysprosium Metallocene Single-Molecule Magnet with Two High-Temperature Orbach Processes. <i>Inorganic Chemistry</i> , 2022, 61, 6017-6025.	4.0	28
220	A three-dimensional honeycomb-like network constructed with novel one-dimensional S-shaped chains via hydrogen bonding and $\pi\cdots\pi$ interactions. Electronic supplementary information (ESI) available: experimental and simulated powder X-ray diffraction patterns (Fig. S1) and plots of $\chi_M^{-1}$ vs. T and the effective magnetic moment $\mu_{\text{eff}}$ vs. T (Fig. S2) for 1. See <a href="http://www.rsc.org/suppdata/nj/b1/b107655h/">http://www.rsc.org/suppdata/nj/b1/b107655h/</a> . <i>New Journal of Chemistry</i> , 2001, 25, 1482-1485.	2.8	27
221	Title is missing!. <i>Australian Journal of Chemistry</i> , 2001, 54, 213.	0.9	27
222	New Mn <sub>12</sub> Clusters with Tunable Oxidation States via the Use of N,N,N',N'-Tetrakis(2-hydroxyethyl)ethylenediamine. <i>Inorganic Chemistry</i> , 2007, 46, 8111-8113.	4.0	27
223	Alkali lanthanide heterometallic coordination polymers based on 2,2'-bipyridine-6,6'-dicarboxylate: synthesis, structure, and luminescent properties. <i>CrystEngComm</i> , 2012, 14, 2124.	2.6	27
224	Magnetic Properties and Photoluminescence of Lanthanide Coordination Polymers Constructed with Conformation-Flexible Cyclohexane-Tetracarboxylate Ligands. <i>Crystal Growth and Design</i> , 2016, 16, 946-952.	3.0	27
225	Di- and octa-nuclear dysprosium clusters derived from pyridyl-triazole based ligand: {Dy <sub>2</sub> } showing single molecule magnetic behaviour. <i>Dalton Transactions</i> , 2017, 46, 2981-2987.	3.3	27
226	A Multi-Stimuli-Responsive Fe(II) SCO Complex Based on an Acylhydrazone Ligand. <i>Inorganic Chemistry</i> , 2019, 58, 999-1002.	4.0	27
227	Four two-dimensional highly undulating silver(I)-hexamethylenetetramine co-ordination networks containing micropores. <i>New Journal of Chemistry</i> , 2001, 25, 1425-1429.	2.8	26
228	High-spin tetranuclear MnII <sub>2</sub> MnIV <sub>2</sub> clusters with unique Mn(ii)-Mn(iv) magnetic exchange: synthesis, structures and magnetism. <i>Dalton Transactions</i> , 2009, , 3182.	3.3	26
229	The influence of NCE <sup>n</sup> (E = S, Se, BH <sub>3</sub> ) ligands on the temperature of spin crossover in a family of iron( <i>scp</i> ) mononuclear complexes. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1671-1676.	6.0	26
230	Anion-Dependent Facile Route to Magnetic Dinuclear and Dodecanuclear Cobalt Clusters. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2229-2234.	2.0	25
231	Two new 1,2,4,5-cyclohexanetetracarboxylate-bridged frameworks with metal hydroxide subunits. Synthesis, structures, magnetism and adsorption. <i>Dalton Transactions</i> , 2011, 40, 3592.	3.3	25
232	Programmed Self-Assembly of Heterometallic [3 Å– 3] Grid [MIIICuII <sub>4</sub> CuI <sub>4</sub> ] (M = Fe, Ni, Cu, and Zn). <i>Inorganic Chemistry</i> , 2013, 52, 6233-6235.	4.0	25
233	Photoluminescent Metal-Organic Nanotubes via Hydrothermal in Situ Ligand Reactions. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4213-4218.	2.0	24
234	Cyanide-bridged bimetallic 3D Hoffman-like coordination polymers with tunable magnetic behaviour. <i>CrystEngComm</i> , 2014, 16, 6444-6449.	2.6	24

#	ARTICLE	IF	CITATIONS
235	Enhancing single-molecule magnet behavior of linear CoII-DyIII CoII complex by introducing bulky diamagnetic moiety. <i>Science China Chemistry</i> , 2018, 61, 1399-1404.	8.2	24
236	Slow magnetic relaxation in a {EuCu <sub>5</sub> } metallacrown. <i>Dalton Transactions</i> , 2019, 48, 1686-1692.	3.3	24
237	An Effective Metallohydrolase Model with a Supramolecular Environment: Structures, Properties, and Activities. <i>Chemistry - A European Journal</i> , 2007, 13, 2402-2409.	3.3	23
238	Ionothermal synthesis of two oxalate-bridged lanthanide(III) chains with slow magnetization relaxation by using a deep eutectic solvent. <i>Dalton Transactions</i> , 2013, 42, 12853.	3.3	23
239	Spin-Crossover Behavior in Two New Supramolecular Isomers. <i>Inorganic Chemistry</i> , 2014, 53, 201-208.	4.0	23
240	Spin-Crossover Phenomenon in a Pentanuclear Iron(II) Cluster Helicate. <i>Inorganic Chemistry</i> , 2016, 55, 4891-4896.	4.0	23
241	A Gyroidal MOF with Unprecedented Interpenetrating <b>utcc</b> Network Exhibiting Exceptional Thermal Stability and Ultrahigh CO <sub>2</sub> Affinity. <i>Inorganic Chemistry</i> , 2019, 58, 13766-13770.	4.0	23
242	Building Block and Directional Bonding Approaches for the Synthesis of {DyMn <sub>4</sub> } <sub>n</sub> (n = 2, 3) Metallacrown Assemblies. <i>Crystal Growth and Design</i> , 2019, 19, 1896-1902.	3.0	23
243	A perfect triangular dysprosium single-molecule magnet with virtually antiparallel Ising-like anisotropy. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2941-2948.	6.0	23
244	Title is missing!. <i>Australian Journal of Chemistry</i> , 2000, 53, 607.	0.9	22
245	High thermal stability and antiferromagnetic properties of a 3D Mn(II)-organic framework with metal carboxylate chains. <i>Journal of Molecular Structure</i> , 2009, 923, 24-27.	3.6	22
246	A New Porous Three-Dimensional Iron(II) Coordination Polymer with Solvent-Induced Reversible Spin-Crossover Behavior. <i>Crystal Growth and Design</i> , 2018, 18, 5214-5219.	3.0	22
247	Synthesis, structure and magnetism of a 1/3-carbonato bridged nickel(II) complex with 2,2',2''-tris(2-aminoethyl)amine ligand: a new coordination mode of carbonato bridge. <i>Inorganic Chemistry Communication</i> , 2004, 7, 1285-1288.	3.9	21
248	Syntheses and crystal structures of two new cobalt(II) complexes derived from 3,5-bis(pyridin-2-yl)-4-amino-1,2,4-triazole. <i>Journal of Chemical Crystallography</i> , 2006, 36, 703-707.	1.1	21
249	Hybrid Cobalt Hydroxyoxalate Material Containing 3D Co <sup>II</sup> O <sup>II</sup> Co Connectivity and Showing Ferrimagnetic Ordering. <i>Inorganic Chemistry</i> , 2008, 47, 7462-7464.	4.0	21
250	Hydrothermal in situ ligand reaction: copper(II)-mediated stepwise oxidation of 2,3,5- and 2,4,6-trimethylpyridine to pyridinecarboxylates. <i>CrystEngComm</i> , 2010, 12, 425-433.	2.6	21
251	Enhanced Spin-Crossover Behavior Mediated by Supramolecular Cooperative Interactions. <i>Inorganic Chemistry</i> , 2014, 53, 8129-8135.	4.0	21
252	A wheel-shaped Dy(III) single-molecule magnet supported by polyoxotungstates. <i>Dalton Transactions</i> , 2017, 46, 16796-16801.	3.3	21

#	ARTICLE	IF	CITATIONS
253	Synthesis and structure of a novel carboxylate-bridged heterometallic copper(II)–gadolinium(III) complex. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 2181-2182.	1.1	20
254	Studies on thermodynamic nature of stereoselectivity for ruthenium(II) polypyridyl complex binding to DNA. <i>Inorganic Chemistry Communication</i> , 2010, 13, 711-714.	3.9	20
255	Chiral bis(phthalocyaninato) terbium double-decker compounds with enhanced single-ion magnetic behavior. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 939-943.	6.0	20
256	Coordination polymers of the conformation-flexible 1,2,4,5-cyclohexanetetracarboxylate: synthesis, structures and transforming mechanism studies. <i>CrystEngComm</i> , 2010, 12, 3748.	2.6	19
257	Nanoporous metal–organic framework comprising of 1D cobalt oxalate chains and flexible ligands exhibiting both dynamic gas adsorption and antiferromagnetic chain behaviours. <i>CrystEngComm</i> , 2010, 12, 2225.	2.6	19
258	Guest–Switchable Multi-Step Spin Transitions in an Amine-Functionalized Metal–Organic Framework. <i>Angewandte Chemie</i> , 2017, 129, 15178-15182.	2.0	19
259	Formation of 3D networks by H-bonding from novel trinuclear or 1D chain complexes of zinc(ii) and cadmium(ii) with isonicotinic acid analogues and the effects of $\pi$ – $\pi$ stacking. <i>CrystEngComm</i> , 2005, 7, 411.	2.6	18
260	Engineering delocalizing $\pi$ electronic $[\text{Cu}(\text{OH})(\text{pz})_3]^{2+}$ species into organometallic frameworks by Ag– $\pi$ coordination. <i>CrystEngComm</i> , 2008, 10, 1467.	2.6	18
261	Unique $(\text{H}_2\text{O})_{14}$ water cages with cyclic $(\text{H}_2\text{O})_4$ tetramer unit trapped in 3D porous lanthanide–cyclohexanetetracarboxylate frameworks. <i>CrystEngComm</i> , 2010, 12, 4020.	2.6	18
262	Slow magnetic relaxation in a novel heptanuclear $\text{Dy}_7$ cluster with five edge-sharing $\text{Dy}_3$ triangles. <i>Polyhedron</i> , 2011, 30, 3079-3082.	2.2	18
263	Spin-crossover in an organic–inorganic hybrid perovskite. <i>Chemical Communications</i> , 2020, 56, 4551-4554.	4.1	18
264	Synthesis, Structures and Single-Molecule Magnet Behaviour of Octanuclear and Decanuclear Dysprosium Clusters Based on $[\text{Dy}_4(\mu_4\text{-O})\text{Tetra}(\mu_3\text{-O})]$ Tetrahedral Subunits. <i>Acta Chimica Sinica</i> , 2013, 71, 173.	1.4	18
265	Anion-controlled Formation of Silver(I) Complexes of A Hexaazamacrocyclic Schiff Base: Synthesis, Structures and Electrochemistry. <i>Supramolecular Chemistry</i> , 1999, 11, 119-133.	1.2	17
266	Synthesis and structure of a photoluminescent three-dimensional network $[\text{AgL}(\text{MeCN})]$ (L=4,5-dichloro-2-cyano-3,6-dione-1,4-cyclohexen-1-ol anion). <i>Inorganic Chemistry Communication</i> , 2000, 3, 694-696.	3.9	17
267	Synthesis, crystal structures and nonlinear optical properties of three TCF-based chromophores. <i>CrystEngComm</i> , 2009, 11, 589-596.	2.6	17
268	Controllable Self-Assembly of Two Luminescent Silver(I) Metal–Organic Frameworks Bearing a Tetradentate Ligand. <i>Crystal Growth and Design</i> , 2014, 14, 4674-4680.	3.0	17
269	A disc-like $\text{Co}_7$ cluster with a solvent dependent catecholase activity. <i>New Journal of Chemistry</i> , 2017, 41, 14057-14061.	2.8	17
270	A Series of $\text{Mn}^{\text{III}}_4\text{Mn}^{\text{II}}_8$ Single-Molecule Magnets Mediated by Intra- and Intermolecular Interactions. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2317-2326.	2.0	16

#	ARTICLE	IF	CITATIONS
271	Structures and properties of coordination polymers involving asymmetric biphenyl-3,2,5-tricarboxylate. <i>CrystEngComm</i> , 2014, 16, 10006-10016.	2.6	16
272	Construction of lanthanide single-molecule magnets with the "magnetic motif" [Dy(MQ) <sub>4</sub> ] <sup>+</sup> . <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1776-1782.	6.0	16
273	Cyano-Bridged Ln <sup>III</sup> ~Fe <sup>III</sup> Complexes with Alternative Monosulfoxides as Blocking Ligands. <i>Crystal Growth and Design</i> , 2008, 8, 2780-2792.	3.0	15
274	Alkoxo- and carboxylato-bridged hexanuclear copper(II) complex: Synthesis, structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2017, 83, 49-51.	3.9	15
275	Reversible on-off switching of spin-crossover behavior via photochemical [2+2] cycloaddition reaction. <i>Science China Chemistry</i> , 2022, 65, 120-127.	8.2	15
276	Structural evolution and magnetic properties of a series of coordination polymers featuring dinuclear secondary-building units and adamantane-dicarboxylato ligands. <i>Polyhedron</i> , 2013, 52, 1159-1168.	2.2	14
277	High-Temperature Spin Crossover in Two Solvent-Free Coordination Polymers with Unusual High Thermal Stability. <i>Inorganic Chemistry</i> , 2015, 54, 3006-3011.	4.0	14
278	Investigation of SCO property" structural relationships in a family of mononuclear Fe( <sup>ii</sup> ) complexes. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2194-2199.	6.0	14
279	Evolution of Slow Magnetic Relaxation: from Diamagnetic Matrix Y(OH)CO <sub>3</sub> to Dy <sub>0.06</sub> Y <sub>0.94</sub> (OH)CO <sub>3</sub> with High Spin-Reversal Barrier and Blocking Temperature. <i>Inorganic Chemistry</i> , 2016, 55, 3145-3150.	4.0	13
280	Sensitive magnetic-field-response magnetization dynamics in a one-dimensional dysprosium coordination polymer. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4657-4665.	6.0	13
281	Lanthanide clusters of phenanthroline containing a pyridine"pyrazole based ligand: magnetism and cell imaging. <i>Dalton Transactions</i> , 2021, 50, 3593-3609.	3.3	13
282	Title is missing!. <i>Transition Metal Chemistry</i> , 2001, 26, 195-197.	1.4	12
283	Metal Cation-Supported Supramolecular Crown Ethers Featuring Hydrogen-Bonded Tetrameric Unit of 2-Hydroxy Pyridines. <i>Crystal Growth and Design</i> , 2002, 2, 443-448.	3.0	12
284	Two new photoluminescent d10 coordination polymers constructed with carboxylates and 2-(5-(pyrazin-2-yl)-1H-1,2,4-triazol-3-yl)pyrazine generated in situ. <i>Inorganic Chemistry Communication</i> , 2008, 11, 707-710.	3.9	12
285	Two photoluminescent one-dimensional copper(I) iodide coordination polymers incorporating Cu <sub>2</sub> I <sub>2</sub> double-stranded stair and Cu <sub>6</sub> I <sub>6</sub> hexagonal cage chain units. <i>Inorganic Chemistry Communication</i> , 2011, 14, 622-625.	3.9	12
286	High symmetry superoctahedron cluster [Mn <sup>III</sup> 18O <sub>14</sub> ] <sub>26+</sub> from the use of N,N,N',N'-tetrakis(2-hydroxyethyl)ethylenediamine. <i>Dalton Transactions</i> , 2013, 42, 9428.	3.3	12
287	Spin Frustration in a Family of Pillared Kagom" Layers of High-Spin Cobalt(II) Ions. <i>Chemistry - A European Journal</i> , 2015, 21, 2560-2567.	3.3	12
288	Field-induced slow magnetic relaxation in a mononuclear Gd(III) complex. <i>Inorganic Chemistry Communication</i> , 2019, 107, 107449.	3.9	12

#	ARTICLE	IF	CITATIONS
289	A breathing chiral molecular solid for enantioseparation via single-crystal-to-single-crystal transformation. <i>Science Bulletin</i> , 2015, 60, 447-452.	9.0	11
290	Tunable Magnetization Dynamics through Solid-State Ligand Substitution Reaction. <i>Inorganic Chemistry</i> , 2017, 56, 8829-8836.	4.0	11
291	Single-ion magnet and luminescent properties in a Dy(III) triangular dodecahedral complex. <i>Inorganic Chemistry Communication</i> , 2019, 102, 16-19.	3.9	11
292	Light-induced hidden multistability in a spin crossover metal-organic framework. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1770-1776.	6.0	11
293	Reversible Switchability of Magnetic Anisotropy and Magnetodielectric Effect Induced by Intermolecular Motion. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	11
294	4f-Clusters for Cryogenic Magnetic Cooling. <i>Structure and Bonding</i> , 2016, , 189-207.	1.0	10
295	Synthesis and Crystal Structures of Two Monomeric Zinc(II) Complexes Containing Carboxylate and Aqua Ligands. <i>Australian Journal of Chemistry</i> , 1997, 50, 865.	0.9	10
296	Magnetization Dynamics on Isotope-Isomorphic Holmium Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 27282.	13.8	10
297	'Chicken-coop' network assembled by hydrogen bonds with bridging nitrate ions. Crystal structure of bis(4,4'-bipyridinium) diaquatetraisothoniocyanatocellate(II) dinitrate. <i>Inorganic Chemistry Communication</i> , 2001, 4, 76-78.	3.9	9
298	Linear trinuclear MnII-LnIII-MnII clusters via the 'compartmentalized ligand' approach: Synthesis, structures and magnetic properties. <i>Polyhedron</i> , 2011, 30, 3095-3099.	2.2	9
299	Synthesis, structures and magnetic properties of octahedral clusters of [MII6(1/46-Cl)(phenda)6]·n (M=Mn, Co and Ni; phenda=1,10-phenanthroline-2,9-dicarboxylate). <i>Inorganic Chemistry Communication</i> , 2015, 52, 77-79.	3.9	9
300	Supertetrahedral T2 clusters in 3d-4f {Fe4Ln6}: Synthesis, crystal structure, magnetic and photoluminescent properties. <i>Inorganica Chimica Acta</i> , 2018, 482, 240-245.	2.4	9
301	Tuning the net topology of a ternary Ag(I)-1,2,4,5-tetra(4-pyridyl)benzene-carboxylate framework: structures and photoluminescence. <i>CrystEngComm</i> , 2019, 21, 6446-6451.	2.6	9
302	Pressure-Induced Piezochromism and Structure Transitions in Lead-Free Layered Cs <sub>4</sub> MnBi <sub>2</sub> Cl <sub>12</sub> Quadruple Perovskite. <i>ACS Applied Energy Materials</i> , 2021, 4, 7513-7518.	5.1	9
303	Reversible step spin crossover modulation via water absorption and dehydration in a 3D Hofmann-type framework. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4334-4340.	6.0	9
304	Tetra-1/4-acetato-2O:O'-bis[(4-phenylpyridine-N)copper(II)]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002, 58, m232-m234.	0.4	8
305	Humidity Sensitive Structural Dynamics and Solvatomagnetic Effects in a 3D Co(II)-Based Coordination Polymer. <i>Inorganic Chemistry</i> , 2018, 57, 4070-4076.	4.0	8
306	Influence of Semirigidity and Diverse Binding Modes of an Asymmetric Pyridine-pyrazole Based Bis-Chelating Ligand in Controlling Molecular Architectures and Their Properties. <i>Crystal Growth and Design</i> , 2020, 20, 5698-5708.	3.0	8

#	ARTICLE	IF	CITATIONS
307	Opening Magnetic Hysteresis by Axial Ferromagnetic Coupling: From Mono-Decker to Double-Decker Metallocrown. <i>Angewandte Chemie</i> , 2021, 133, 5359-5366.	2.0	8
308	Multiresponsive Spin Crossover Driven by Rotation of Tetraphenylborate Anion in an Iron(III) Complex. <i>CCS Chemistry</i> , 2021, 3, 453-459.	7.8	8
309	Four-step spin-crossover in an oxamide-decorated metal-organic framework. <i>Chinese Chemical Letters</i> , 2022, 33, 1381-1384.	9.0	8
310	Synergistic Experimental and Theoretical Studies of Luminescent "Magnetic Ln <sub>2</sub> Zn <sub>6</sub> Clusters. <i>Inorganic Chemistry</i> , 2022, 61, 2141-2153.	4.0	8
311	Synthesis, Structure, and Photoluminescent Properties of Two New Microporous Eu(III) Coordination Polymers with 2,4,6-Pyridinetricarboxylate. <i>Australian Journal of Chemistry</i> , 2009, 62, 1607.	0.9	7
312	Synthesis and Crystal Structure of a Two-dimensional Silver(I)-Iron(III) Heteronuclear Coordination Polymer: {[Ag <sub>2</sub> Fe <sub>2</sub> (SCN) <sub>12</sub> (H <sub>2</sub> O) <sub>2</sub> ][(inaH) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ]} <sub>n</sub> . <i>Chinese Journal of Chemistry</i> , 2004, 22, 64-68.	4.9	7
313	Effect of the Schiff-base-containing triazole ligand and counter anion on the construction of dimeric silver and polynuclear copper complexes. <i>Polyhedron</i> , 2012, 48, 117-124.	2.2	7
314	Field-induced dynamic magnetic behaviour of a canted weak ferromagnetic chain material. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 403-408.	6.0	7
315	Tunable photoluminescence in flexible carboxylate ligand-based coordination polymers with interesting topologies and Fe <sup>3+</sup> sensitivity. <i>CrystEngComm</i> , 2020, 22, 6713-6719.	2.6	7
316	Slow magnetic dynamics in centrosymmetric didysprosium and equilateral triangular tridysprosium molecules. <i>Dalton Transactions</i> , 2020, 49, 4164-4171.	3.3	7
317	Di- and tetranuclear heterometallic Cull-LnIII complexes (Ln = Gd and Dy): Synthesis, structure and magnetic properties. <i>Science China Chemistry</i> , 2012, 55, 934-941.	8.2	6
318	Metal-Ion Induced In Situ Ligand Oxidation for Self-Assembled Clusters: from Bis(5-(2-pyridinyl)-1,2,4-triazole-3-yl)methane to Alcohol or Ketone. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2172-2176.	2.0	6
319	Acidity-Driven Bidirectional Room-Temperature Spin-State Switch and Fluorescence Modulation of a Mononuclear Fe(II) Complex. <i>CCS Chemistry</i> , 2021, 3, 2350-2358.	7.8	6
320	A high-performance dysprosium(III) single-ion magnet with quasi-Oh symmetry. <i>Inorganic Chemistry Communication</i> , 2021, 132, 108807.	3.9	6
321	Bis(1/4-hexamethylenetetramine)bis(aquadibromocadmium)diaquadibromocadmium dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 960-962.	0.4	5
322	Di-1/4-methoxy-bis[dipyridinecopper(II)] diperchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1223-m1224.	0.2	5
323	Bis(di-2-pyridylmethanediol-1,3N,O,N <sup>2</sup> )nickel(II) dilactate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m229-m231.	0.2	5
324	Two new three-dimensional supramolecular architectures comprised of 1D single- and double-strand helical chains based on metal-(1-pyrazolyl)pyridazine system. <i>Journal of Molecular Structure</i> , 2006, 798, 149-154.	3.6	5

#	ARTICLE	IF	CITATIONS
325	A ladder-type iron( <i>ii</i> ) coordination polymer with enhanced spin-crossover behavior. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 921-926.	6.0	5
326	Modulation of Slow Magnetic Relaxation for Tb(III)-Metallacrown Complexes by Controlling Axial Halide Coordination. <i>Acta Chimica Sinica</i> , 2020, 78, 412.	1.4	5
327	Guest-Driven Light-Induced Spin Change in an Azobenzene Loaded Metal-Organic Framework. <i>Angewandte Chemie</i> , 2021, 133, 27350-27356.	2.0	5
328	Single-Crystal to Single-Crystal Transformation of a Spin-Crossover Hybrid Perovskite via Thermal-Induced Cyanide Linkage Isomerization. <i>Inorganic Chemistry</i> , 2022, 61, 9047-9054.	4.0	5
329	catena-Poly[[[bis(perchlorato-O)(1,10-phenanthroline-N,N <sup>2</sup> )copper(II)]-1/4-4,4'-bipyridine-N:N <sup>2</sup> ] monohydrate]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, e374-e375.	0.4	4
330	AC-centered monoclinic modification of bis(di-2-pyridylmethanediol-1,3N,O,N <sup>2</sup> )copper(II) diacetate tetrahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m232-m234.	0.2	4
331	Two MnIII4MnII8 clusters from the use of tripodal ligands showing single-molecule magnet behavior. <i>Polyhedron</i> , 2011, 30, 3088-3094.	2.2	4
332	Dynamic Magnetic and Optical Insight into a High-Performance Pentagonal Bipyramidal Dy <sup>III</sup> Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2017, 23, 5630-5630.	3.3	4
333	Exploring the Inverse Magnetocaloric Effect in Discrete Mn <sup>II</sup> Dimers. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22727-22732.	3.1	4
334	Magnetic dynamics of an open-ring tridysprosium complex employing mixed ligands. <i>Dalton Transactions</i> , 2020, 49, 14140-14147.	3.3	4
335	Tuning luminescence of didysprosium single-molecule magnets with a $\pi$ -conjugated/non-conjugated bridging ligand. <i>Dalton Transactions</i> , 2021, 50, 6778-6783.	3.3	4
336	A spin-crossover phenomenon in a 2D heterometallic coordination polymer with [Pd(SCN) <sub>4</sub> ] <sup>2-</sup> building blocks. <i>Dalton Transactions</i> , 2021, 50, 4152-4158.	3.3	4
337	Thermally-Driven, Acidity-Driven, and Photodrivn Spin-State Switching in Pyridylacetylhydrazoniron(II) Complexes at or above Room Temperature. <i>Inorganic Chemistry</i> , 2021, 60, 18225-18233.	4.0	4
338	Opening magnetic hysteresis <i>via</i> improving the planarity of equatorial coordination by hydrogen bonding. <i>Dalton Transactions</i> , 2022, 51, 7986-7996.	3.3	4
339	Hexakis(imidazole-N)cobalt(II) 1,4-benzenedicarboxylate tetrahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, m186-m188.	0.2	3
340	Bis[hydrotris(1-pyrazolyl)borato-1,3N,N <sup>2</sup> ,N <sup>2</sup> ']iron(III) tetrachloroferrate(III) acetonitrile solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m1774-m1776.	0.2	3
341	Supramolecular Interactions in Directing and Sustaining Coordination Molecular Architectures. , 2006, , 219-263.		3
342	Structural diversity and reactivity of d10 metal-(4-pyridylthio)acetate system. <i>Science Bulletin</i> , 2009, 54, 4277-4284.	9.0	3

#	ARTICLE	IF	CITATIONS
343	Light- and Chemical-Induced Isomerization of Donor-Acceptor Stenhouse Adducts. <i>ChemPhotoChem</i> , 2021, 5, 559-564.	3.0	3
344	Reversible Switchability of Magnetic Anisotropy and Magnetodielectric Effect Induced by Intermolecular Motion. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
345	Aquabis(3,5-dimethyl-1H-pyrazole- $\eta^2$ )(malonato- $\eta^2$ )copper(II) dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 1385-1387.	0.4	2
346	Fascinating interlocked triacontanuclear giant nanocages. <i>Chemical Communications</i> , 2021, 57, 11177-11180.	4.1	2
347	Self-Assembled Three-Dimensional Coordination Polymers with Unusual Ligand-Unsupported Ag-Ag Bonds: Syntheses, Structures, and Luminescent Properties. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2237-2240.	13.8	2
348	2D/3D spin crossover porous coordination polymers based on isomeric tetrapyridyl benzene ligands. <i>CrystEngComm</i> , 0, , .	2.6	2
349	catena-Poly[[[bis(1,3-diaminopropane-N,N')nickel(II)]- $\frac{1}{4}$ -(4,4'-bipyridine-N:N')] diperchlorate]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 180-182.	0.4	1
350	catena-Poly[[[silver(I)]- $\frac{1}{4}$ -(E)-1,2-bis(2-pyridyl)ethylene-N:N] nitrate]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 1075-1076.	0.4	1
351	Polymeric (3-amino-2-chloropyridine)nitrat silver(I). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002, 58, m481-m482.	0.4	1
352	Bis(3-amino-2-chloropyridine- $\eta^1$ )silver(I) perchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, m203-m205.	0.2	1
353	catena-Poly[[[bis(N,N-dimethylformamide)cobalt(II)]-di- $\frac{1}{4}$ -1,5-dicyanamido]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m405-m407.	0.2	1
354	Bis[bis(2-pyridyl)methanediol- $\eta^3$ N,N,O]copper(II) bis(adamantane-1-carboxylate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m657-m658.	0.2	1
355	catena-Poly[[[dimethanolicobalt(II)]-di- $\frac{1}{4}$ -1,5-dicyanamido]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1254-m1255.	0.2	1
356	Crystallographic report:catena-Aqua(2,2'-bipyrimidine)lithium(I) perchlorate. <i>Applied Organometallic Chemistry</i> , 2004, 18, 95-96.	3.5	1
357	Structurally Perfect Ni <sub>3</sub> ( $\mu$ -1,3-N <sub>3</sub> ) <sub>3</sub> Triangles for a Magnetic Model. <i>Australian Journal of Chemistry</i> , 2010, 63, 1111.	0.9	1
358	Innentitelbild: Hyperfine-Interaction-Driven Suppression of Quantum Tunneling at Zero Field in a Holmium(III) Single-Ion Magnet ( <i>Angew. Chem.</i> 18/2017). <i>Angewandte Chemie</i> , 2017, 129, 4974-4974.	2.0	1
359	Self-Assembly of Two- and Three-Dimensional Coordination Networks with Hexamethylenetetramine and Different Silver(I) Salts. <i>Chemistry - A European Journal</i> , 2000, 6, 3729-3738.	3.3	1
360	Magnetization Dynamics on Isotope-Isomorphic Holmium Single-Molecule Magnets. <i>Angewandte Chemie</i> , 0, , .	2.0	1

#	ARTICLE	IF	CITATIONS
361	Single-molecule magnets bridged by a bismuth Zintl ion. <i>CheM</i> , 2022, 8, 606-608.	11.7	1
362	Temperature-Controlled Hydrothermal Synthesis of a 2D Ferromagnetic Coordination Bilayered Polymer and a Novel 3D Network with Inorganic $\text{Co}_3(\text{OH})_2$ Ferrimagnetic Chains.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
363	Controlled Aggregation of Heterometallic Nanoscale $\text{Cu}_{12}\text{Ln}_6$ Clusters (Ln: GdIII or NdIII) into 2D Coordination Polymers.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
364	Frontispiece: Single Ion Magnets from 3d to 5f: Developments and Strategies. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
365	Correction to "Building Block and Directional Bonding Approaches for the Synthesis of $\{\text{DyMn}_4\}_n$ ( $n = 2, 3$ ) Metallacrown Assemblies". <i>Crystal Growth and Design</i> , 2020, 20, 4200-4200.	3.0	0
366	Innentitelbild: Magnetization Dynamics on Isotope-Isomorphous Holmium Single-Molecule Magnets ( <i>Angew. Chem.</i> 52/2021). <i>Angewandte Chemie</i> , 2021, 133, 27074-27074.	2.0	0