

Ming-Liang Tong

List of Publications by Year in descending order

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papers

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Four-step spin-crossover in an oxamide-decorated metal-organic framework. <i>Chinese Chemical Letters</i> , 2022, 33, 1381-1384.	9.0	8
2	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
3	Synergistic Experimental and Theoretical Studies of Luminescent $\text{Ln}_{2}\text{Zn}_{6}$ Clusters. <i>Inorganic Chemistry</i> , 2022, 61, 2141-2153.	4.0	8
4	Light-induced hidden multistability in a spin crossover metal-organic framework. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1770-1776.	6.0	11
5	Single-molecule magnets bridged by a bismuth Zintl ion. <i>CheM</i> , 2022, 8, 606-608.	11.7	1
6	Opening magnetic hysteresis via improving the planarity of equatorial coordination by hydrogen bonding. <i>Dalton Transactions</i> , 2022, 51, 7986-7996.	3.3	4
7	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
8	Reversible Switchability of Magnetic Anisotropy and Magnetodielectric Effect Induced by Intermolecular Motion. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
9	Reversible Switchability of Magnetic Anisotropy and Magnetodielectric Effect Induced by Intermolecular Motion. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	11
10	Single-molecule magnets beyond a single lanthanide ion: the art of coupling. <i>Chemical Science</i> , 2022, 13, 8716-8726.	7.4	57
11	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
12	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
13	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
14	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
15	Tuning luminescence of didysprosium single-molecule magnets with a π -conjugated/non-conjugated bridging ligand. <i>Dalton Transactions</i> , 2021, 50, 6778-6783.	3.3	4
16	A spin-crossover phenomenon in a 2D heterometallic coordination polymer with $[\text{Pd}(\text{SCN})_{4}]_{2}$ building blocks. <i>Dalton Transactions</i> , 2021, 50, 4152-4158.	3.3	4
17	Fascinating interlocked triacontanuclear giant nanocages. <i>Chemical Communications</i> , 2021, 57, 11177-11180.	4.1	2
18	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

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19	Light- and Chemical-Induced Isomerization of Donor-Acceptor Stenhouse Adducts. ChemPhotoChem, 2021, 5, 559-564.	3.0	3
20	Field-induced oscillation of magnetization blocking barrier in a holmium metallocrown single-molecule magnet. Chem, 2021, 7, 982-992.	11.7	36
21	Pressure-Induced Piezochromism and Structure Transitions in Lead-Free Layered Cs ₄ MnBi ₂ Cl ₁₂ Quadruple Perovskite. ACS Applied Energy Materials, 2021, 4, 7513-7518.	5.1	9
22	Acidity-Driven Bidirectional Room-Temperature Spin-State Switch and Fluorescence Modulation of a Mononuclear Fe(II) Complex. CCS Chemistry, 2021, 3, 2350-2358.	7.8	6
23	A high-performance dysprosium(III) single-ion magnet with quasi-Oh symmetry. Inorganic Chemistry Communication, 2021, 132, 108807.	3.9	6
24	Reversible step spin crossover modulation via water absorption and dehydration in a 3D Hofmann-type framework. Inorganic Chemistry Frontiers, 2021, 8, 4334-4340.	6.0	9
25	Lanthanide clusters of phenanthroline containing a pyridine-pyrazole based ligand: magnetism and cell imaging. Dalton Transactions, 2021, 50, 3593-3609.	3.3	13
26	Guest-Driven Light-Induced Spin Change in an Azobenzene Loaded Metal-Organic Framework. Angewandte Chemie - International Edition, 2021, 60, 27144-27150.	13.8	39
27	Magnetization Dynamics on Isotopomorphic Holmium Single-Molecule Magnets. Angewandte Chemie - International Edition, 2021, 60, 27282.	13.8	10
28	Guest-Driven Light-Induced Spin Change in an Azobenzene Loaded Metal-Organic Framework. Angewandte Chemie, 2021, 133, 27350-27356.	2.0	5
29	Thermally, Acidity-Driven, and Photodrivn Spin-State Switching in Pyridylacetylhydrazoneiron(II) Complexes at or above Room Temperature. Inorganic Chemistry, 2021, 60, 18225-18233.	4.0	4
30	Innenteilbild: Magnetization Dynamics on Isotopomorphic Holmium Single-Molecule Magnets (Angew. Chem. 52/2021). Angewandte Chemie, 2021, 133, 27074-27074.	2.0	0
31	Isolation of a Perfectly Linear Uranium(II) Metallocene. Angewandte Chemie - International Edition, 2020, 59, 2299-2303.	13.8	60
32	The substituent guest effect on four-step spin-crossover behavior. Inorganic Chemistry Frontiers, 2020, 7, 911-917.	6.0	30
33	Cyanometallate-Bridged Didysprosium Single-Molecule Magnets Constructed with Single-Ion Magnet Building Block. Inorganic Chemistry, 2020, 59, 687-694.	4.0	59
34	Physical stimulus and chemical modulations of bistable molecular magnetic materials. Chemical Communications, 2020, 56, 13702-13718.	4.1	65
35	Influence of Semirigidity and Diverse Binding Modes of an Asymmetric Pyridine-pyrazole Based Bis-Chelating Ligand in Controlling Molecular Architectures and Their Properties. Crystal Growth and Design, 2020, 20, 5698-5708.	3.0	8
36	Magnetic dynamics of an open-ring tridysprosium complex employing mixed ligands. Dalton Transactions, 2020, 49, 14140-14147.	3.3	4

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37	Tunable photoluminescence in flexible carboxylate ligand-based coordination polymers with interesting topologies and Fe ³⁺ sensitivity. <i>CrystEngComm</i> , 2020, 22, 6713-6719.	2.6	7
38	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
39	Spin-crossover in an organic-inorganic hybrid perovskite. <i>Chemical Communications</i> , 2020, 56, 4551-4554.	4.1	18
40	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
41	Slow magnetic dynamics in centrosymmetric didysprosium and equilateral triangular tridysprosium molecules. <i>Dalton Transactions</i> , 2020, 49, 4164-4171.	3.3	7
42	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
43	Light- and temperature-assisted spin state annealing: accessing the hidden multistability. <i>Chemical Science</i> , 2020, 11, 3281-3289.	7.4	33
44	Correction to "Building Block and Directional Bonding Approaches for the Synthesis of {DyMn ₄ } _n (<i>n</i> = 2, 3) Metallocrown Assemblies". <i>Crystal Growth and Design</i> , 2020, 20, 4200-4200.	3.0	0
45	Modulation of Slow Magnetic Relaxation for Tb(III)-Metallocrown Complexes by Controlling Axial Halide Coordination. <i>Acta Chimica Sinica</i> , 2020, 78, 412.	1.4	5
46	Chiral Erbium(III) Complexes: Single-Molecule Magnet Behavior, Chirality, and Nuclearity Control. <i>Inorganic Chemistry</i> , 2019, 58, 10694-10703.	4.0	29
47	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
48	Investigation of SCO property-structural relationships in a family of mononuclear Fe(<i>ii</i>) complexes. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2194-2199.	6.0	14
49	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
50	Spin-crossover modulation <i>via</i> single-crystal to single-crystal photochemical [2 + 2] reaction in Hofmann-type frameworks. <i>Chemical Science</i> , 2019, 10, 7496-7502.	7.4	46
51	A Gyroidal MOF with Unprecedented Interpenetrating Network Exhibiting Exceptional Thermal Stability and Ultrahigh CO ₂ Affinity. <i>Inorganic Chemistry</i> , 2019, 58, 13766-13770.	4.0	23
52	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
53	Building Block and Directional Bonding Approaches for the Synthesis of {DyMn ₄ } _n (<i>n</i> = 2, 3) Metallocrown Assemblies. <i>Crystal Growth and Design</i> , 2019, 19, 1896-1902.	3.0	23
54	Slow magnetic relaxation in a {EuCu ₅ } metallocrown. <i>Dalton Transactions</i> , 2019, 48, 1686-1692.	3.3	24

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55	Field-induced slow magnetic relaxation in a mononuclear Gd(III) complex. <i>Inorganic Chemistry Communication</i> , 2019, 107, 107449.	3.9	12
56	Uranocenium: Synthesis, Structure, and Chemical Bonding. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10163-10167.	13.8	34
57	Recent advance in heterometallic nanomagnets based on Tm_xLn_{4-x} cubane subunits. <i>Coordination Chemistry Reviews</i> , 2019, 387, 129-153.	18.8	60
58	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
59	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
60	A Multi-Stimuli-Responsive Fe(II) SCO Complex Based on an Acylhydrazone Ligand. <i>Inorganic Chemistry</i> , 2019, 58, 999-1002.	4.0	27
61	Luminescent single-molecule magnets based on lanthanides: Design strategies, recent advances and magneto-luminescent studies. <i>Coordination Chemistry Reviews</i> , 2019, 378, 365-381.	18.8	272
62	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
63	Multiple spin phases in a switchable Fe(II) complex: polymorphism and symmetry breaking effects. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3352-3361.	5.5	28
64	Symmetry strategies for high performance lanthanide-based single-molecule magnets. <i>Chemical Society Reviews</i> , 2018, 47, 2431-2453.	38.1	790
65	Multifunctional luminescent magnetic cryocooler in a Gd_5Mn_2 pyramidal complex. <i>Chemical Communications</i> , 2018, 54, 4104-4107.	4.1	34
66	Water molecule induced reversible single-crystal-to-single-crystal transformation between two trinuclear Fe(II) complexes with different spin crossover behaviour. <i>Dalton Transactions</i> , 2018, 47, 4307-4314.	3.3	33
67	Single Ion Magnets from 3d to 5f: Developments and Strategies. <i>Chemistry - A European Journal</i> , 2018, 24, 7574-7594.	3.3	264
68	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
69	Magnetic hysteresis up to 80 kelvin in a dysprosium metallocene single-molecule magnet. <i>Science</i> , 2018, 362, 1400-1403.	12.6	1,337
70	Cyclic OFF/Part/ON switching of single-molecule magnet behaviours <i>via</i> multistep single-crystal-to-single-crystal transformation between discrete Fe(II)-Dy(III) complexes. <i>Chemical Communications</i> , 2018, 54, 10886-10889.	4.1	37
71	Magnetic Dynamics of a Neodymium(III) Single-Ion Magnet. <i>Inorganic Chemistry</i> , 2018, 57, 11782-11787.	4.0	32
72	Frontispiece: Single Ion Magnets from 3d to 5f: Developments and Strategies. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0

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73	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
74	The influence of NCE ⁿ (E = S, Se, BH ₃) ligands on the temperature of spin crossover in a family of iron(II) mononuclear complexes. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1671-1676.	6.0	26
75	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
76	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
77	Supertetrahedral T2 clusters in 3d-4f {Fe ₄ Ln ₆ }: Synthesis, crystal structure, magnetic and photoluminescent properties. <i>Inorganica Chimica Acta</i> , 2018, 482, 240-245.	2.4	9
78	Dynamic Magnetic and Optical Insight into a High Performance Pentagonal Bipyramidal Dy ^{III} Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2017, 23, 5708-5715.	3.3	96
79	Dynamic Magnetic and Optical Insight into a High-Performance Pentagonal Bipyramidal Dy ^{III} Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2017, 23, 5630-5630.	3.3	4
80	Di- and octa-nuclear dysprosium clusters derived from pyridyl-triazole based ligand: {Dy ₂ } showing single molecule magnetic behaviour. <i>Dalton Transactions</i> , 2017, 46, 2981-2987.	3.3	27
81	A ladder-type iron(II) coordination polymer with enhanced spin-crossover behavior. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 921-926.	6.0	5
82	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
83	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
84	Metal-Induced In Situ Ligand Oxidation for Self-Assembled Clusters: from Bis(5-(2-pyridine-2-yl)-1,2,4-triazole-3-yl)methane to Alcohol or Ketone. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2172-2176.	3.0	20
85	A Dysprosium Metallocene Single-Molecule Magnet Functioning at the Axial Limit. <i>Angewandte Chemie</i> , 2017, 129, 11603-11607.	2.0	149
86	Two-Step Spin-Crossover with Three Inequivalent Fe ^{II} Sites in a Two-Dimensional Hofmann-Type Coordination Polymer. <i>Chemistry - A European Journal</i> , 2017, 23, 10034-10037.	3.3	31
87	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
88	Hyperfine-Interaction-Driven Suppression of Quantum Tunneling at Zero Field in a Holmium(III) Single-Molecule Magnet. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4996-5000.	13.8	173
89	Hyperfine-Interaction-Driven Suppression of Quantum Tunneling at Zero Field in a Holmium(III) Single-Molecule Magnet. <i>Angewandte Chemie</i> , 2017, 129, 5078-5082.	2.0	31
90	Recent advances in guest effects on spin-crossover behavior in Hofmann-type metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2017, 335, 28-43.	18.8	312

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91	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
92	Guest-Switchable Multi-Step Spin Transitions in an Amine-Functionalized Metal-Organic Framework. <i>Angewandte Chemie</i> , 2017, 129, 15178-15182.	2.0	19
93	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
94	Exploring the Inverse Magnetocaloric Effect in Discrete Mn ^{II} Dimers. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22727-22732.	3.1	4
95	A disc-like Co ₇ cluster with a solvent dependent catecholase activity. <i>New Journal of Chemistry</i> , 2017, 41, 14057-14061.	2.8	17
96	Organophosphonate-Bridged Polyoxometalate-Based Dysprosium(III) Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2017, 56, 12687-12691.	4.0	39
97	Construction of lanthanide single-molecule magnets with the $\text{Dy}(\text{MQ})_4$ D_{3h} motif. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1776-1782.	6.0	16
98	Tunable Magnetization Dynamics through Solid-State Ligand Substitution Reaction. <i>Inorganic Chemistry</i> , 2017, 56, 8829-8836.	4.0	11
99	Innenteilbild: 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
100	A Dysprosium Metallocene Single-Molecule Magnet Functioning at the Axial Limit. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11445-11449.	13.8	888
101	A wheel-shaped Dy(ⁱⁱⁱ) single-molecule magnet supported by polyoxotungstates. <i>Dalton Transactions</i> , 2017, 46, 16796-16801.	3.3	21
102	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
103	[2 + 2] Photochemical modulation of the Dy(ⁱⁱⁱ) single-molecule magnet: opposite influence on the energy barrier and relaxation time. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1311-1318.	6.0	42
104	3D oxalato-bridged lanthanide(III) MOFs with magnetocaloric, magnetic and photoluminescence properties. <i>Dalton Transactions</i> , 2017, 46, 116-124.	3.3	55
105	Molecular Design for Cryogenic Magnetic Coolants. <i>Chemical Record</i> , 2016, 16, 825-834.	5.8	45
106	A Stable Pentagonal Bipyramidal Dy(III) Single-Ion Magnet with a Record Magnetization Reversal Barrier over 1000 K. <i>Journal of the American Chemical Society</i> , 2016, 138, 5441-5450.	13.7	904
107	Lanthanoid single-ion magnets with the LnN ₁₀ coordination geometry. <i>Chemical Communications</i> , 2016, 52, 6261-6264.	4.1	32
108	Spin-Crossover Phenomenon in a Pentanuclear Iron(II) Cluster Helicate. <i>Inorganic Chemistry</i> , 2016, 55, 4891-4896.	4.0	23

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109	A pseudo-icosahedral cage {Gd ₁₂ } based on aminomethylphosphonate. Dalton Transactions, 2016, 45, 9041-9044.	3.3	38
110	Multifaceted magnetization dynamics in the mononuclear complex [Re ^{IV} Cl ₄ (CN) ₂] ²⁺ . Chemical Communications, 2016, 52, 12905-12908.	4.1	30
111	Unprecedented hexagonal bipyramidal single-ion magnets based on metallacrowns. Chemical Communications, 2016, 52, 13365-13368.	4.1	54
112	Magnetocaloric Properties of Heterometallic 3d-4f Gd Complexes Based on the [Gd(oda) ₃] ³⁺ Metalloligand. Chemistry - A European Journal, 2016, 22, 802-808.	3.3	33
113	4f-Clusters for Cryogenic Magnetic Cooling. Structure and Bonding, 2016, , 189-207.	1.0	10
114	Symmetry-Supported Magnetic Blocking at 20 K in Pentagonal Bipyramidal Dy(III) Single-Ion Magnets. Journal of the American Chemical Society, 2016, 138, 2829-2837.	13.7	728
115	Evolution of Slow Magnetic Relaxation: from Diamagnetic Matrix Y(OH)CO ₃ to Dy _{0.06} Y _{0.94} (OH)CO ₃ with High Spin-Reversal Barrier and Blocking Temperature. Inorganic Chemistry, 2016, 55, 3145-3150.	4.0	13
116	Magnetic Properties and Photoluminescence of Lanthanide Coordination Polymers Constructed with Conformation-Flexible Cyclohexane-Tetracarboxylate Ligands. Crystal Growth and Design, 2016, 16, 946-952.	3.0	27
117	The effect of magnetic coupling on magneto-caloric behaviour in two 3D Gd(III)-glycolate coordination polymers. Inorganic Chemistry Frontiers, 2016, 3, 150-156.	6.0	44
118	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. Scientific Reports, 2015, 5, 16621.	3.3	84
119	Spin Frustration in a Family of Pillared Kagomé Layers of High-Spin Cobalt(II) Ions. Chemistry - A European Journal, 2015, 21, 2560-2567.	3.3	12
120	High-Temperature Spin Crossover in Two Solvent-Free Coordination Polymers with Unusual High Thermal Stability. Inorganic Chemistry, 2015, 54, 3006-3011.	4.0	14
121	Single-Molecule-Magnet Behavior in a [2 Å × 2] Grid Dy ₄ Cluster and a Dysprosium-Doped Y ₄ Cluster. Inorganic Chemistry, 2015, 54, 8087-8092.	4.0	60
122	Magnetic and luminescent properties of lanthanide coordination polymers with asymmetric biphenyl-3,2',5'-tricarboxylate. Dalton Transactions, 2015, 44, 14424-14435.	3.3	44
123	Synthesis, structures and magnetic properties of octahedral clusters of [MII ₆ (1/46-Cl)(phenda) ₆] ⁺ (M=Mn, Co and Ni; phenda=1,10-phenanthroline-2,9-dicarboxylate). Inorganic Chemistry Communication, 2015, 52, 77-79.	3.9	9
124	Tunable cooperativity in a spin-crossover Hoffman-like metal-organic framework material by aromatic guests. Journal of Materials Chemistry C, 2015, 3, 7830-7835.	5.5	44
125	A breathing chiral molecular solid for enantioseparation via single-crystal-to-single-crystal transformation. Science Bulletin, 2015, 60, 447-452.	9.0	11
126	Half-sandwich Yb ^{III} single-ion magnets with metallacrowns. Chemical Communications, 2015, 51, 10291-10294.	4.1	83

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127	Field-induced dynamic magnetic behaviour of a canted weak ferromagnetic chain material. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 403-408.	6.0	7
128	Polymorphism-Dependent Spin-Crossover: Hysteretic Two-Step Spin Transition with an Ordered [HSâ€“HSâ€“LS] Intermediate Phase. <i>Inorganic Chemistry</i> , 2015, 54, 5145-5147.	4.0	49
129	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
130	Hysteretic Spin Crossover in Two-Dimensional (2D) Hofmann-Type Coordination Polymers. <i>Inorganic Chemistry</i> , 2015, 54, 8711-8716.	4.0	41
131	A brilliant cryogenic magnetic coolant: magnetic and magnetocaloric study of ferromagnetically coupled GdF ₃ . <i>Journal of Materials Chemistry C</i> , 2015, 3, 12206-12211.	5.5	134
132	Modulation of single-molecule magnet behaviour via photochemical [2+2] cycloaddition. <i>Chemical Communications</i> , 2015, 51, 15358-15361.	4.1	61
133	Tuning the Spinâ€“Crossover Behaviour of a Hydrogenâ€“Accepting Porous Coordination Polymer by Hydrogenâ€“Donating Guests. <i>Chemistry - A European Journal</i> , 2015, 21, 1645-1651.	3.3	46
134	Synergistic electrical bistability in a conductive spin crossover heterostructure. <i>Journal of Materials Chemistry C</i> , 2015, 3, 945-949.	5.5	52
135	Spin-Crossover Behavior in Two New Supramolecular Isomers. <i>Inorganic Chemistry</i> , 2014, 53, 201-208.	4.0	23
136	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
137	A chiral spin crossover metalâ€“organic framework. <i>Chemical Communications</i> , 2014, 50, 4059-4061.	4.1	55
138	Structures and properties of coordination polymers involving asymmetric biphenyl-3,2â€“5â€“tricarboxylate. <i>CrystEngComm</i> , 2014, 16, 10006-10016.	2.6	16
139	Study of a magnetic-cooling material Gd(OH)CO ₃ . <i>Journal of Materials Chemistry A</i> , 2014, 2, 9851-9858.	10.3	173
140	A zigzag Dy ^{III} 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
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362	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
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364	Synthesis and structure of a novel carboxylate-bridged heterometallic copper(II)-gadolinium(III) complex. Journal of the Chemical Society Dalton Transactions, 1996, , 2181-2182.	1.1	20
365	Magnetization Dynamics on Isotope-Isomorphic Holmium Single-Molecule Magnets. Angewandte Chemie, 0, , .	2.0	1
366	2D/3D spin crossover porous coordination polymers based on isomeric tetrapyridyl benzene ligands. CrystEngComm, 0, , .	2.6	2