Jinkui Tang

List of Publications by Year
in descending order

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240	16,565	13068	18606
papers	citations	68 h-index	119 g-index

249	249	249	5256
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in dysprosium-based single molecule magnets: Structural overview and synthetic strategies. Coordination Chemistry Reviews, 2013, 257, 1728-1763.	9.5	819
2	Dysprosium Triangles Showing Single-Molecule Magnet Behavior of Thermally Excited Spin States. Angewandte Chemie - International Edition, 2006, 45, 1729-1733.	7.2	802
3	Strong Axiality and Ising Exchange Interaction Suppress Zero-Field Tunneling of Magnetization of an Asymmetric Dy₂ Single-Molecule Magnet. Journal of the American Chemical Society, 2011, 133, 11948-11951.	6.6	670
4	Two-Step Relaxation in a Linear Tetranuclear Dysprosium(III) Aggregate Showing Single-Molecule Magnet Behavior. Journal of the American Chemical Society, 2010, 132, 8538-8539.	6.6	601
5	Equatorially Coordinated Lanthanide Single Ion Magnets. Journal of the American Chemical Society, 2014, 136, 4484-4487.	6.6	513
6	Relaxation dynamics of dysprosium(iii) single molecule magnets. Dalton Transactions, 2011, 40, 9953.	1.6	505
7	Coupling Dy₃ Triangles Enhances Their Slow Magnetic Relaxation. Angewandte Chemie - International Edition, 2010, 49, 6352-6356.	7.2	377
8	Molecular magnetism of lanthanide: Advances and perspectives. Coordination Chemistry Reviews, 2019, 378, 350-364.	9.5	345
9	Single-molecule toroics in Ising-type lanthanide molecular clusters. Chemical Society Reviews, 2014, 43, 6894-6905.	18.7	325
10	Lanthanide single molecule magnets: progress and perspective. Dalton Transactions, 2015, 44, 3923-3929.	1.6	271
11	A promising new route towards single-molecule magnets based on the oxalate ligand. Chemical Communications, 2010, 46, 1506-1508.	2.2	236
12	Capping Ligand Perturbed Slow Magnetic Relaxation in Dysprosium Singleâ€Ion Magnets. Chemistry - A European Journal, 2011, 17, 12476-12481.	1.7	235
13	Enhancing Anisotropy Barriers of Dysprosium(III) Singleâ€Ion Magnets. Chemistry - A European Journal, 2012, 18, 2484-2487.	1.7	220
14	Coupling Dy₃ Triangles to Maximize the Toroidal Moment. Angewandte Chemie - International Edition, 2012, 51, 12767-12771.	7.2	207
15	A dodecanuclear heterometallic dysprosiumâ€“cobalt wheel exhibiting single-molecule magnet behaviour. Chemical Communications, 2011, 47, 8659.	2.2	193
16	Modulating Magnetic Dynamics of Three Dy₂ Complexes through Ketoâ€“Enol Tautomerism of the o-Vanillin Picolinoylhydrazone Ligand. Inorganic Chemistry, 2011, 50, 9705-9713.	1.9	185
17	Lanthanide Single Molecule Magnets. , 2015, , .		172
18	Air-Stable Chiral Single-Molecule Magnets with Record Anisotropy Barrier Exceeding 1800 K. Journal of the American Chemical Society, 2021, 143, 10077-10082.	6.6	165

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19	Observation of Slow Magnetic Relaxation in Discrete Dysprosium Cubane. Inorganic Chemistry, 2009, 48, 11495-11497.	1.9	163
20	Coordination-perturbed single-molecule magnet behaviour of mononuclear dysprosium complexes. Dalton Transactions, 2011, 40, 5579.	1.6	147
21	Recent Developments in Lanthanide Singleâ€Molecule Magnets. Chemistry - an Asian Journal, 2017, 12, 2772-2779.	1.7	141
22	An NCN-pincer ligand dysprosium single-ion magnet showing magnetic relaxation via the second excited state. Scientific Reports, 2014, 4, 5471.	1.6	138
23	Cisâ€“trans isomerism modulates the magnetic relaxation of dysprosium single-molecule magnets. Chemical Science, 2016, 7, 3632-3639.	3.7	137
24	Four New Lanthanideâ^'Nitronyl Nitroxide (Ln^{III}= Pr^{III}, Sm^{III},) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Single-Molecule Magnet Behavior. Inorganic Chemistry, 2009, 48, 8890-8896.	1.9	132
25	Quadruple-CO₃^{2â^'}bridged octanuclear dysprosium(<scp>iii</scp>) compound showing single-molecule magnet behaviour. Chemical Communications, 2012, 48, 708-710.	2.2	128
26	A planar triangular Dy₃ + Dy₃ single-molecule magnet with a toroidal magnetic moment. Chemical Communications, 2016, 52, 9570-9573.	2.2	123
27	Molecular Assembly and Magnetic Dynamics of Two Novel Dy₆ and Dy₈ Aggregates. Inorganic Chemistry, 2012, 51, 4035-4042.	1.9	121
28	A series of new structural models for the OEC in photosystem II. Chemical Communications, 2006, , 2650-2652.	2.2	117
29	Magnetic Properties of Dysprosium Cubanes Dictated by the Mâ^'Oâ^'M Angles of the [Dy₄(Î¼₃-OH)₄] Core. Inorganic Chemistry, 2010, 49, 7549-7557.	1.9	115
30	Modulating Magnetic Dynamics of Dy₂ System through the Coordination Geometry and Magnetic Interaction. Inorganic Chemistry, 2013, 52, 4587-4592.	1.9	114
31	Siteâ€Resolved Twoâ€Step Relaxation Process in an Asymmetric Dy₂ Singleâ€Molecule Magnet. Chemistry - A European Journal, 2016, 22, 1392-1398.	1.7	112
32	Pyrazine-bridged Dy2 single-molecule magnet with a large anisotropic barrier. Chemical Communications, 2010, 46, 8264.	2.2	111
33	Two New Dy3 Triangles with Trinuclear Circular Helicates and Their Single-Molecule Magnet Behavior. Inorganic Chemistry, 2012, 51, 10522-10528.	1.9	110
34	A Dy₁₀ Cluster Incorporates Two Sets of Vertexâ€Sharing Dy₃ Triangles. Chemistry - A European Journal, 2009, 15, 10335-10338.	1.7	109
35	A linear tetranuclear dysprosium(iii) compound showing single-molecule magnet behaviour. Chemical Communications, 2010, 46, 6057.	2.2	103
36	Family of Defect-Dicubane Ni₄Ln₂ (Ln = Gd, Tb, Dy, Ho) and Ni₄Y₂ Complexes: Rare Tb(III) and Ho(III) Examples Showing SMM Behavior. Inorganic Chemistry, 2014, 53, 3519-3525.	1.9	102

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37	Hydrothermal Synthesis, Structures, and Luminescent Properties of Seven d10 Metalâ^'Organic Frameworks Based on 9,9-Dipropylfluorene-2,7-Dicarboxylic Acid (H2DFDA). Crystal Growth and Design, 2009, 9, 1394-1401.	1.4	101
38	A monometallic tri-spin single-molecule magnet based on rare earth radicals. Dalton Transactions, 2009, , 8489.	1.6	101
39	Diversity of Lanthanide(III)â€"Organic Extended Frameworks with a 4,8-Disulfonyl-2,6-naphthalenedicarboxylic Acid Ligand: Syntheses, Structures, and Magnetic and Luminescent Properties. Inorganic Chemistry, 2012, 51, 2381-2392.	1.9	101
40	A Dodecanuclear Dysprosium Wheel Assembled by Six Vertex-Sharing Dy₃ Triangles Exhibiting Slow Magnetic Relaxation. Inorganic Chemistry, 2012, 51, 5994-5996.	1.9	101
41	Observation of slow magnetic relaxation in triple-stranded lanthanide helicates. Dalton Transactions, 2011, 40, 8213.	1.6	99
42	Syntheses, Structures, and Magnetic Analyses of a Family of Heterometallic Hexanuclear [Ni4M2] (M =) Tj ETQq0 0 0 rgBT /Overlock 10 Chemistry, 2012, 51, 2699-2705.	1.9	97
43	Polyoxometalate-Supported 3dâ€"4f Heterometallic Single-Molecule Magnets. Inorganic Chemistry, 2012, 51, 2722-2724.	1.9	96
44	Two Bulky-Decorated Triangular Dysprosium Aggregates Conserving Vortex-Spin Structure. Inorganic Chemistry, 2012, 51, 13264-13270.	1.9	95
45	Macroscopic Hexagonal Tubes of 3â€‰dâ€"4â€‰f Metallocycles. Angewandte Chemie - International Edition, 2016, 55, 15574-15578.	7.2	91
46	Syntheses, Structures, and Magnetic and Luminescence Properties of a New Dy^{III}-Based Single-Ion Magnet. Inorganic Chemistry, 2013, 52, 7380-7386.	1.9	90
47	Phenoxido and alkoxido-bridged dinuclear dysprosium complexes showing single-molecule magnet behaviour. Dalton Transactions, 2012, 41, 2966.	1.6	88
48	Tuning the Magnetic Interactions and Relaxation Dynamics of Dy₂ Singleâ€Molecule Magnets. Chemistry - A European Journal, 2015, 21, 14099-14106.	1.7	87
49	Novel nickel(II) complexes with diazamesocyclic ligands functionalized by additional phenol donor pendant(s): synthesis, characterization, crystal structures and magnetic properties. Dalton Transactions RSC, 2001, , 593-598.	2.3	83
50	Influence of Tuned Linker Functionality on Modulation of Magnetic Properties and Relaxation Dynamics in a Family of Six Isotypic Ln₂ (Ln = Dy and Gd) Complexes. Inorganic Chemistry, 2016, 55, 11283-11298.	1.9	83
51	Hexanuclear Dysprosium(III) Compound Incorporating Vertex- and Edge-Sharing Dy₃ Triangles Exhibiting Single-Molecule-Magnet Behavior. Inorganic Chemistry, 2011, 50, 8688-8690.	1.9	81
52	Hierarchically structured Fe₃O₄microspheres: morphology control and their application in wastewater treatment. CrystEngComm, 2011, 13, 642-648.	1.3	80
53	A Discrete Dysprosium Trigonal Prism Showing Singleâ€Molecule Magnet Behaviour. Chemistry - A European Journal, 2012, 18, 442-445.	1.7	80
54	End-to-end azido-pinned interlocking lanthanide squares. Chemical Communications, 2017, 53, 3026-3029.	2.2	80

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55	Single-Molecule Magnet Behavior Enhanced by Synergic Effect of Single-Ion Anisotropy and Magnetic Interactions. Inorganic Chemistry, 2017, 56, 7882-7889.	1.9	79
56	Realization of toroidal magnetic moments in heterometallic 3dâ€“4f metallocycles. Chemical Communications, 2018, 54, 1065-1068.	2.2	79
57	Nanoscale {Ln^{III}₂₄Zn^{II}₆} Triangular Metalloring with Magnetic Refrigerant, Slow Magnetic Relaxation, and Fluorescent Properties. Inorganic Chemistry, 2015, 54, 11535-11541.	1.9	78
58	Macrocyclic ligand encapsulating dysprosium triangles: axial ligands perturbed magnetic dynamics. Chemical Communications, 2012, 48, 6924.	2.2	76
59	Tetranuclear [MDy]2 Compounds and Their Dinuclear [MDy] (M = Zn/Cu) Building Units: Their Assembly, Structures, and Magnetic Properties. Inorganic Chemistry, 2013, 52, 6595-6602.	1.9	76
60	A 3D Heterometallic Coordination Polymer Constructed by Trimeric {NiDy₂} Single-Molecule Magnet Units. Inorganic Chemistry, 2016, 55, 1202-1207.	1.9	76
61	Field enhanced thermally activated mechanism in a square Dy4 aggregate. Chemical Communications, 2012, 48, 7031.	2.2	75
62	Two-Step Spin-Transition Iron(III) Compound with a Wide [High Spin-Low Spin] Plateau. Inorganic Chemistry, 2009, 48, 2128-2135.	1.9	72
63	Dynamic magnetic behavior and magnetic ordering in one-dimensional Tb-nitronyl nitroxide radical chain. Dalton Transactions, 2010, 39, 3321.	1.6	72
64	Heterometallic Cubanes: Syntheses, Structures, and Magnetic Properties of Lanthanide(III)â^'Nickel(II) Architectures. Inorganic Chemistry, 2011, 50, 1304-1308.	1.9	72
65	Steric hindrances create a discrete linear Dy4 complex exhibiting SMM behaviour. Dalton Transactions, 2012, 41, 3248.	1.6	72
66	Utilizing 3dâ€“4f Magnetic Interaction to Slow the Magnetic Relaxation of Heterometallic Complexes. Inorganic Chemistry, 2015, 54, 4337-4344.	1.9	72
67	Anions Influence the Relaxation Dynamics of Mono-Î¼₃-OH-Capped Triangular Dysprosium Aggregates. Inorganic Chemistry, 2015, 54, 5571-5578.	1.9	69
68	Axial Ligand Field in D_{4d} Coordination Symmetry: Magnetic Relaxation of Dy SMMs Perturbed by Counteranions. Inorganic Chemistry, 2017, 56, 11211-11219.	1.9	69
69	Construction of Metallosupramolecular Coordination Complexes: From Lanthanide Helicates to Octahedral Cages Showing Single-Molecule Magnet Behavior. Inorganic Chemistry, 2019, 58, 3167-3174.	1.9	69
70	Direct hydrothermal synthesis of single-crystalline triangular Fe3O4 nanoprisms. CrystEngComm, 2010, 12, 2060.	1.3	68
71	Acetato-bridged dinuclear lanthanide complexes with single molecule magnet behaviour for the Dy₂ species. Dalton Transactions, 2014, 43, 6262-6268.	1.6	66
72	Enhancement of Magnetocaloric Effect through Fixation of Carbon Dioxide: Molecular Assembly from Ln4 to Ln4 Cluster Pairs. Inorganic Chemistry, 2017, 56, 4104-4111.	1.9	66

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73	Magnetic Coupling between Copper(II) Ions Mediated by Hydrogen-Bonded (Neutral) Water Molecules. Inorganic Chemistry, 2009, 48, 5473-5479.	1.9	62
74	Two Locally Chiral Dysprosium Compounds with Salenâ€Type Ligands That Show Slow Magnetic Relaxation Behavior. European Journal of Inorganic Chemistry, 2013, 2013, 1351-1357.	1.0	62
75	Tuning the Magnetic Interactions in Dy(III)₄ Single-Molecule Magnets. Inorganic Chemistry, 2018, 57, 8550-8557.	1.9	62
76	A series of tetranuclear lanthanide complexes comprising two edge-sharing triangular units with field-induced slow magnetic relaxation for Dy4 species. Dalton Transactions, 2011, 40, 8347.	1.6	60
77	Porous Co3O4 microcubes: hydrothermal synthesis, catalytic and magnetic properties. CrystEngComm, 2011, 13, 2123.	1.3	60
78	Constructing supramolecular grids: from 4f square to 3dâ€“4f grid. Chemical Communications, 2015, 51, 17317-17320.	2.2	60
79	Emerging Trends on Designing High-Performance Dysprosium(III) Single-Molecule Magnets. , 2022, 4, 307-319.		60
80	Synthesis, Crystal Structure, and Magnetic Properties of the First Nonanuclear Lanthanide(III)â^'Copper(II) Complexes of Macrocyclic Oxamide [NaLn2Cu6] (Macrocyclic Oxamide =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	59
81	Elucidating the Magnetic Anisotropy and Relaxation Dynamics of Low-Coordinate Lanthanide Compounds. Inorganic Chemistry, 2016, 55, 1905-1911.	1.9	59
82	The use of a versatile o-vanilloyl hydrazone ligand to prepare SMM-like Dy3 molecular cluster pair. Chemical Communications, 2012, 48, 8946.	2.2	58
83	Planar Dy₃+ Dy₃clusters: design, structure and axial ligand perturbed magnetic dynamics. Dalton Transactions, 2015, 44, 20316-20320.	1.6	58
84	Oxamato-Bridged Trinuclear NiIICuIINiIIComplexes with Irregular Spin State Structures and a Binuclear NiIICuIIComplex with an Unusual Supramolecular Structure:Â Crystal Structure and Magnetic Properties. Inorganic Chemistry, 2001, 40, 3134-3140.	1.9	57
85	M^{III}Dy^{III}₃ (M = Fe^{III}, Co^{III}) Complexes: Three-Blade Propellers Exhibiting Slow Relaxation of Magnetization. Inorganic Chemistry, 2012, 51, 5693-5698.	1.9	57
86	Metallosupramolecular Coordination Complexes: The Design of Heterometallic 3dâ€“4f Gridlike Structures. Inorganic Chemistry, 2016, 55, 5514-5519.	1.9	57
87	External stimuli modulate the magnetic relaxation of lanthanide single-molecule magnets. Inorganic Chemistry Frontiers, 2020, 7, 3315-3326.	3.0	57
88	Templated assembly of Î¼5-CO32â^' decanuclear praseodymium and neodymium clusters through spontaneous fixation of atmospheric carbon dioxide. Dalton Transactions, 2009, , 10609.	1.6	56
89	Heterobimetallic hexanuclear [Mn^{Î™Î™Î™}₄Ln^{Î™Î™Î™}₂] clusters: A rare Mn^{Î™Î™Î™}₄Nd^{Î™Î™Î™}₂example exhibiting slow relaxation of magnetization. Dalton Transactions, 2012, 41, 2314-2319.	1.6	56
90	Lanthanide(III) Hexanuclear Circular Helicates: Slow Magnetic Relaxation, Toroidal Arrangement of Magnetic Moments, and Magnetocaloric Effects. Inorganic Chemistry, 2019, 58, 11903-11911.	1.9	56

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91	A Linear 3dâ€“4f Tetranuclear Co^{III}₂Dy^{III}₂ Singleâ€Molecule Magnet: Synthesis, Structure, and Magnetic Properties. Chemistry - an Asian Journal, 2012, 7, 2419-2423.	1.7	55
92	Large Energy Barrier and Magnetization Hysteresis at 5 K for a Symmetric {Dy₂} Complex with Spherical Tricapped Trigonal Prismatic Dy^{III} Ions. Inorganic Chemistry, 2017, 56, 3568-3578.	1.9	55
93	A novel windmill-type Dyⁱⁱⁱ[2 Ã— 2] grid exhibiting slow magnetic relaxation. Dalton Transactions, 2012, 41, 351-353.	1.6	53
94	A Ferromagnetically Coupled CrCu3Tetramer and GdCu4Pentamer with a [15]N4Macrocylic Ligand Incorporating an Oxamido Bridge. Inorganic Chemistry, 2003, 42, 1462-1466.	1.9	51
95	Molecular Magnetic Investigation of a Family of Octanuclear [Cu6Ln2] Nanoclusters. Inorganic Chemistry, 2014, 53, 8165-8171.	1.9	51
96	Chiral mononuclear lanthanide complexes and the field-induced single-ion magnet behaviour of a Dy analogue. Dalton Transactions, 2015, 44, 223-229.	1.6	51
97	Unique Y-shaped lanthanide aggregates and single-molecule magnet behaviour for the Dy4analogue. Dalton Transactions, 2014, 43, 1564-1570.	1.6	50
98	Unexpected high oxidation of cyclohexane by Fe salts and dihydrogen peroxide in acetonitrile. Journal of Molecular Catalysis A, 2008, 286, 1-5.	4.8	49
99	Dysprosium Compounds with Hula-Hoop-like Geometries: The Influence of Magnetic Anisotropy and Magnetic Interactions on Magnetic Relaxation. Inorganic Chemistry, 2018, 57, 12213-12221.	1.9	49
100	Geometry and magnetic interaction modulations in dinuclear Dy₂single-molecule magnets. Dalton Transactions, 2017, 46, 8252-8258.	1.6	48
101	Di-, tetra- and hexanuclear iron(III), manganese(II/III) and copper(II) complexes of Schiff-base ligands derived from 6-substituted-2-formylphenols. Dalton Transactions, 2009, , 1721.	1.6	47
102	Reversible structural transformation induced switchable single-molecule magnet behavior in lanthanide metalâ€organic frameworks. Chemical Communications, 2018, 54, 10183-10186.	2.2	44
103	Influence of Magnetic Interactions and Single-Ion Anisotropy on Magnetic Relaxation within a Family of Tetranuclear Dysprosium Complexes. Inorganic Chemistry, 2019, 58, 5715-5724.	1.9	44
104	Crystal Structures and Magnetic Properties of New Cyano-Bridged Two-Dimensional Grid-Like		

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109	Functionalized Nitronyl Nitroxide Biradicals for the Construction of 3dâ€“4f Heterometallic Compounds. Inorganic Chemistry, 2018, 57, 9757-9765.	1.9	41
110	A homospin cobalt(ii) topological ferrimagnet. Chemical Communications, 2013, 49, 8226.	2.2	40
111	Lanthanide Single-Ion Molecular Magnets. , 2015, , 41-90.		39
112	What makes a single molecule magnet?. Polyhedron, 2005, 24, 2864-2869.	1.0	38
113	A diabolo-shaped Dy9 cluster: synthesis, crystal structure and magnetic properties. Dalton Transactions, 2011, 40, 6440.	1.6	38
114	Dodecanuclear 3d/4f-metal clusters with a â€˜Star of Davidâ€™ topology: single-molecule magnetism and magnetocaloric properties. Chemical Communications, 2016, 52, 1693-1696.	2.2	38
115	Hydrazone based spin crossover complexes: Behind the extra flexibility of the hydrazone moiety to switch the spin state. Coordination Chemistry Reviews, 2021, 431, 213666.	9.5	38
116	A Dy6 Cluster Displays Slow Magnetic Relaxation with an Edge-to-Edge Arrangement of Two Dy3 Triangles. European Journal of Inorganic Chemistry, 2011, 2011, 4153-4156.	1.0	37
117	Employment of triketones to construct a dysprosium(<scp>iii</scp>) single-molecule magnet. Dalton Transactions, 2015, 44, 4648-4654.	1.6	37
118	Single-molecule magnet behavior in an octanuclear dysprosium(<scp>iii</scp>) aggregate inherited from helical triangular Dy₃ SMM-building blocks. Dalton Transactions, 2016, 45, 10556-10562.	1.6	37
119	Heterobinuclear copper(ii)â€“manganese(ii) complexes behaving as three-dimensional supramolecular networks via both macrocyclic oxamido-bridges and hydrogen bonds. Dalton Transactions RSC, 2002, , 1607-1612.	2.3	36
120	Rational Design of Mono-, Bi-, and Tetranuclear Macrocyclic Oxamidoâ^'Metal Complexes via Stepwise Complexation. Crystal Growth and Design, 2005, 5, 813-819.	1.4	36
121	Controlled Copper-Mediated Chlorination of Phenol Rings under Mild Conditions. Inorganic Chemistry, 2007, 46, 4944-4950.	1.9	36
122	Two tri-spin complexes based on gadolinium and nitronyl nitroxide radicals: Structure and ferromagnetic interactions. Journal of Solid State Chemistry, 2010, 183, 927-932.	1.4	36
123	A new one-dimensional coordination polymer and a new supramolecular dimer made of trinuclear copper(II) complexes: crystal structure and magnetic properties. Dalton Transactions RSC, 2001, , 1537-1540.	2.3	35
124	Influence of Coordinating and Non-Coordinating Anions and of a Methoxy Substituent on the Formation of Copper-Based Coordination Assemblies. Crystal Growth and Design, 2008, 8, 1005-1012.	1.4	34
125	Manipulating the Relaxation of Quasi-D₄ Dysprosium Compounds through Alternation of the O-Donor Ligands. Inorganic Chemistry, 2018, 57, 4534-4542.	1.9	34
126	A novel tetranuclear lanthanide(III)â€“copper(II) complex of the macrocyclic oxamide [PrCu3] (macrocyclic oxamide=1,4,8,11-tetraazacyclotradecanne-2,3-dione): synthesis, structure and magnetism. Inorganica Chimica Acta, 2005, 358, 325-330.	1.2	33

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127	Fulvalene as a platform for the synthesis of a dimetallic dysprosocenium single-molecule magnet. Chemical Science, 2020, 11, 5745-5752.	3.7	33
128	Tuning Magnetic Relaxation in Square-Pyramidal Dysprosium Single-Molecule Magnets Using Apical Alkoxide Ligands. CCS Chemistry, 2021, 3, 388-398.	4.6	33
129	Linear 3dâ€“4f compounds: synthesis, structure, and determination of the dâ€“f magnetic interaction. Dalton Transactions, 2015, 44, 11935-11942.	1.6	32
130	Dominance of Cyclobutadienyl Over Cyclopentadienyl in the Crystal Field Splitting in Dysprosium Singleâ€Molecule Magnets. Angewandte Chemie - International Edition, 2022, 61, .	7.2	32
131	A pentanuclear complex derived from manganese(III) Schiff-based complex and hexacyanoferrate(III): synthesis, structure and magnetic properties. Inorganic Chemistry Communication, 2003, 6, 1109-1112.	1.8	31
132	Butterflyâ€Shaped Pentanuclear Dysprosium Singleâ€Molecule Magnets. Chemistry - A European Journal, 2013, 19, 13235-13241.	1.7	31
133	Enantioselective Selfâ€Assembly of Triangular Dy₃ Clusters with Singleâ€Molecule Magnet Behavior. Chemistry - an Asian Journal, 2014, 9, 3558-3564.	1.7	30
134	Structures and Magnetic Properties of Two Analogous Dy₆ Wheels with Electron-Donation and -Withdrawal Effects. Inorganic Chemistry, 2014, 53, 7554-7560.	1.9	30
135	Probing the magnetic relaxation and magnetic moment arrangement in a series of Dy₄ squares. Dalton Transactions, 2017, 46, 1577-1584.	1.6	30
136	From double-shelled grids to supramolecular frameworks. Chemical Communications, 2018, 54, 12097-12100.	2.2	30
137	Enhanced single-molecule magnetism in dysprosium complexes of a pristine cyclobutadienyl ligand. Chemical Communications, 2020, 56, 4708-4711.	2.2	30
138	Crystallization of triple- and quadruple-stranded dinuclear bis-Î²-diketonate-Dy(<scp>iii</scp>) helicates: single molecule magnetic behavior. CrystEngComm, 2015, 17, 7227-7232.	1.3	29
139	Versatile tetranuclear dysprosium single-molecule magnets. Polyhedron, 2014, 83, 185-196.	1.0	28
140	Synthesis, structure and luminescence properties of a series of dinuclear LnIII complexes (Ln=Gd, Tb,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	27
141	[Ln^{III}â€“Mn^{II}â€“Ln^{III}] heterometallic compounds: rare linear SMMs with divalent manganese ions. Dalton Transactions, 2015, 44, 3430-3438.	1.6	27
142	Heterometallic grids: synthetic strategies and recent advances. Dalton Transactions, 2019, 48, 769-778.	1.6	26
143	Remarkable Steric Effects and Influence of Monodentate Axial Ligands L on the Spin-Crossover Properties oftrans-[FeII(N4ligand)L] Complexes. Inorganic Chemistry, 2007, 46, 4079-4089.	1.9	25
144	Exploiting verdazyl radicals to assemble 2pâ€“3dâ€“4f one-dimensional chains. Dalton Transactions, 2015, 44, 5364-5368.	1.6	25

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145	Inter-Kramers Transitions and Spinâ€“Phonon Couplings in a Lanthanide-Based Single-Molecule Magnet. Inorganic Chemistry, 2020, 59, 5218-5230.	1.9	25
146	Synthesis, crystal structure and magnetic properties of ferromagnetically coupled trinuclear copper(II) complex with 4-(isopropylamino)-1,2,4-triazole as bridging ligands. Polyhedron, 2001, 20, 675-680.	1.0	24
147	Multi-component synthesis of trimetallic tetranuclear clusters [Cu(L)(H2O)]2Ln(H2O)2Cr(C2O4)3Â·12H2O (H2L = 1,4,8,11-tetraazacyclotradecane-2,3-dione, Ln3+ = Gd, Tb) Tj ET Q q 1 1 0 0 484314	2.2	24
148	A highly efficient â€œmetalloligandâ€•strategy for the synthesis of ternary Lnâ€“Ruâ€“W hybrids. Chemical Communications, 2013, 49, 7911.	2.2	24
149	Heterometallic octanuclear REIII3NiII5 (RE = DyIII, GdIII and YIII) clusters with slow magnetic relaxation for the dysprosium derivative. Dalton Transactions, 2013, 42, 5298.	1.6	24
150	Structures and magnetic properties of dysprosium complexes: the effect of crystallization temperature. Dalton Transactions, 2017, 46, 564-570.	1.6	24
151	Three azido-, alk/phenoxido- and acetato-bridged tetranuclear nickel complexes featuring defective double-cubane. Inorganica Chimica Acta, 2011, 373, 173-178.	1.2	23
152	A triangular dysprosium with asymmetric central caps featuring ferromagnetic coupling and single-molecule magnet behaviour. Dalton Transactions, 2013, 42, 10413.	1.6	23
153	Slow magnetic relaxation based on the anisotropic Ising-type magnetic coupling between the MoIII and MnII centers. Dalton Transactions, 2017, 46, 1042-1046.	1.6	23
154	Linear hexanuclear helical dysprosium single-molecule magnets: the effect of axial substitution on magnetic interactions and relaxation dynamics. Dalton Transactions, 2019, 48, 14062-14068.	1.6	23
155	Counter anions influence the relaxation dynamics of phenoxy-bridged Dy₂ single molecule magnets. Dalton Transactions, 2020, 49, 12372-12379.	1.6	23
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