Yi-Quan Zhang

List of Publications by Year
in descending order

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204	6,858	61984	88630
papers	citations	43 h-index	70 g-index

204	204	204	3034
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Two-Coordinate Co(II) Imido Complexes as Outstanding Single-Molecule Magnets. Journal of the American Chemical Society, 2017, 139, 373-380.	13.7	343
2	Zero-field slow magnetic relaxation from single Co(ii) ion: a transition metal single-molecule magnet with high anisotropy barrier. Chemical Science, 2013, 4, 1802.	7.4	289
3	High symmetry or low symmetry, that is the question â€“ high performance Dy(<scp>iii</scp>) single-ion magnets by electrostatic potential design. Chemical Science, 2016, 7, 684-691.	7.4	229
4	Hydroxide-bridged five-coordinate Dy^{III} single-molecule magnet exhibiting the record thermal relaxation barrier of magnetization among lanthanide-only dimers. Chemical Science, 2017, 8, 1288-1294.	7.4	165
5	Air-Stable Chiral Single-Molecule Magnets with Record Anisotropy Barrier Exceeding 1800 K. Journal of the American Chemical Society, 2021, 143, 10077-10082.	13.7	165
6	Slow magnetic relaxation in a novel carboxylate/oxalate/hydroxyl bridged dysprosium layer. Chemical Science, 2015, 6, 3095-3101.	7.4	158
7	Slow Magnetic Relaxation in a Mononuclear Eight-Coordinate Cobalt(II) Complex. Journal of the American Chemical Society, 2014, 136, 12213-12216.	13.7	155
8	Fine-Tuning Ligand to Modulate the Magnetic Anisotropy in a Carboxylate-Bridged Dy₂ Single-Molecule Magnet System. Inorganic Chemistry, 2016, 55, 5578-5584.	4.0	129
9	Inspiration from old molecules: field-induced slow magnetic relaxation in three air-stable tetrahedral cobalt(ii) compounds. Chemical Communications, 2013, 49, 5289.	4.1	128
10	Observation of the single-ion magnet behavior of d⁸ ions on two-coordinate Co(<scp>i</scp>)â€“NHC complexes. Chemical Science, 2015, 6, 7156-7162.	7.4	115
11	Probing the Effect of Axial Ligands on Easy-Plane Anisotropy of Pentagonal-Bipyramidal Cobalt(II) Single-Ion Magnets. Inorganic Chemistry, 2016, 55, 10859-10869.	4.0	103
12	Thermostability and photoluminescence of Dy(<scp>iii</scp>) single-molecule magnets under a magnetic field. Chemical Science, 2016, 7, 5020-5031.	7.4	100
13	A Family of CoIICoIII3 Single-Ion Magnets with Zero-Field Slow Magnetic Relaxation: Fine Tuning of Energy Barrier by Remote Substituent and Counter Cation. Inorganic Chemistry, 2015, 54, 5475-5486.	4.0	94
14	Rational enhancement of the energy barrier of bis(tetrapyrrole) dysprosium SMMs via replacing atom of porphyrin core. Chemical Science, 2015, 6, 5947-5954.	7.4	90
15	Reversible onâ€“off switching of both spin crossover and single-molecule magnet behaviours via a crystal-to-crystal transformation. Chemical Science, 2018, 9, 7986-7991.	7.4	88
16	Weak Ligandâ€Field Effect from Ancillary Ligands on Enhancing Singleâ€Ion Magnet Performance. Chemistry - A European Journal, 2016, 22, 12724-12731.	3.3	81
17	Tuning quantum tunnelling of magnetization through 3dâ€“4f magnetic interactions: an alternative approach for manipulating single-molecule magnetism. Inorganic Chemistry Frontiers, 2017, 4, 114-122.	6.0	81
18	Single-Molecule Magnet Behavior Enhanced by Synergic Effect of Single-Ion Anisotropy and Magnetic Interactions. Inorganic Chemistry, 2017, 56, 7882-7889.	4.0	79

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19	Realization of toroidal magnetic moments in heterometallic 3dâ€“4f metallocycles. Chemical Communications, 2018, 54, 1065-1068.	4.1	79
20	(Boratabenzene)(cyclooctatetraenyl) lanthanide complexes: a new type of organometallic single-ion magnet. Inorganic Chemistry Frontiers, 2016, 3, 828-835.	6.0	77
21	Cobalt(II) Coordination Polymer Exhibiting Single-Ion-Magnet-Type Field-Induced Slow Relaxation Behavior. Inorganic Chemistry, 2015, 54, 3716-3718.	4.0	75
22	A soft phosphorus atom to â€œhardenâ€•an erbium(<scp>iii</scp>) single-ion magnet. Chemical Science, 2018, 9, 7540-7545.	7.4	72
23	A triangular Dy₃ single-molecule toroic with high inversion energy barrier: magnetic properties and multiple-step assembly mechanism. Inorganic Chemistry Frontiers, 2018, 5, 3155-3162.	6.0	71
24	Sixâ€Coordinate Lanthanide Complexes: Slow Relaxation of Magnetization in the Dysprosium(III) Complex. Chemistry - A European Journal, 2014, 20, 15975-15980.	3.3	66
25	A 1D dysprosium chain with slow magnetic relaxation constructed from a pyridine-N-oxide ligand. Chemical Communications, 2014, 50, 10434.	4.1	64
26	Electrostatic Potential Determined Magnetic Dynamics Observed in Two Mononuclear Î²-Diketone Dysprosium(III) Single-Molecule Magnets. Inorganic Chemistry, 2017, 56, 3644-3656.	4.0	63
27	Does the thermal evolution of molecular structures critically affect the magnetic anisotropy?. Chemical Science, 2015, 6, 4587-4593.	7.4	61
28	Hexagonal Bipyramidal Dy(III) Complexes as a Structural Archetype for Single-Molecule Magnets. Inorganic Chemistry, 2019, 58, 2610-2617.	4.0	60
29	Magnetic Relaxation Dynamics of a Centrosymmetric Dy₂ Single-Molecule Magnet Triggered by Magnetic-Site Dilution and External Magnetic Field. Inorganic Chemistry, 2017, 56, 5611-5622.	4.0	57
30	Two field-induced slow magnetic relaxation processes in a mononuclear Co(<scp>ii</scp>) complex with a distorted octahedral geometry. Dalton Transactions, 2016, 45, 9279-9284.	3.3	55
31	Reversible ONâ€“OFF switching of single-molecule-magnetism associated with single-crystal-to-single-crystal structural transformation of a decanuclear dysprosium phosphonate. Chemical Science, 2018, 9, 6424-6433.	7.4	54
32	The slow magnetic relaxation regulated by ligand conformation of a lanthanide single-ion magnet [Hex4N][Dy(DBM)4]. Inorganic Chemistry Frontiers, 2014, 1, 503-509.	6.0	53
33	Two Dy(III) Single-Molecule Magnets with Their Performance Tuned by Schiff Base Ligands. Inorganic Chemistry, 2019, 58, 1191-1200.	4.0	50
34	Bifunctional Mononuclear Dysprosium Complexes: Single-Ion Magnet Behaviors and Antitumor Activities. Inorganic Chemistry, 2019, 58, 2286-2298.	4.0	50
35	Why lanthanide Er^{III} SIMs cannot possess huge energy barriers: a theoretical investigation. Dalton Transactions, 2020, 49, 14576-14583.	3.3	50
36	Dysprosium Compounds with Hula-Hoop-like Geometries: The Influence of Magnetic Anisotropy and Magnetic Interactions on Magnetic Relaxation. Inorganic Chemistry, 2018, 57, 12213-12221.	4.0	49

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37	Field-Induced Slow Magnetic Relaxation and Gas Adsorption Properties of a Bifunctional Cobalt(II) Compound. Inorganic Chemistry, 2015, 54, 11362-11368.	4.0	48
38	Dramatic impact of the lattice solvent on the dynamic magnetic relaxation of dinuclear dysprosium single-molecule magnets. Inorganic Chemistry Frontiers, 2018, 5, 1575-1586.	6.0	48
39	Concise Chemistry Modulation of the SMM Behavior within a Family of Mononuclear Dy(III) Complexes. Inorganic Chemistry, 2018, 57, 14843-14851.	4.0	48
40	Single-molecule magnet behaviour in a dysprosium-triradical complex. Chemical Communications, 2018, 54, 9726-9729.	4.1	48
41	Modulating Single-Molecule Magnetic Behavior of a Dinuclear Erbium(III) Complex by Solvent Exchange. Inorganic Chemistry, 2017, 56, 336-343.	4.0	47
42	Assembling Dysprosium Dimer Units into a Novel Chain Featuring Slow Magnetic Relaxation via Formate Linker. Inorganic Chemistry, 2016, 55, 12904-12911.	4.0	46
43	Can Nonâ€Kramers Tm^{III} Mononuclear Molecules be Singleâ€Molecule Magnets (SMMs)?. Chemistry - A European Journal, 2016, 22, 4704-4708.	3.3	46
44	Complementation and joint contribution of appropriate intramolecular coupling and local ion symmetry to improve magnetic relaxation in a series of dinuclear Dy2 single-molecule magnets. Inorganic Chemistry Frontiers, 2017, 4, 499-508.	6.0	45
45	Influence of Magnetic Interactions and Single-Ion Anisotropy on Magnetic Relaxation within a Family of Tetranuclear Dysprosium Complexes. Inorganic Chemistry, 2019, 58, 5715-5724.	4.0	44
46	Half-Sandwich Complexes of Dy^{III}: A Janus-Motif with Facile Tunability of Magnetism. Inorganic Chemistry, 2015, 54, 5162-5168.	4.0	42
47	A series of dysprosium-based hydrogen-bonded organic frameworks (Dyâ€“HOFs): thermally triggered off â†' on conversion of a single-ion magnet. Inorganic Chemistry Frontiers, 2019, 6, 2906-2913.	6.0	42
48	Single molecule magnet behaviors of Zn₄Ln₂ (Ln = Dy^{III},) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 CO₂ in air through in situ reactions. Dalton Transactions, 2019, 48, 512-522.	3.3	42
49	Effect of Bridging Ligands on Magnetic Behavior in Dinuclear Dysprosium Cores Supported by Polyoxometalates. Inorganic Chemistry, 2019, 58, 1301-1308.	4.0	42
50	Slow Magnetic Relaxation in Mononuclear Octahedral Manganese(III) Complexes with Dibenzoylmethanide Ligands. European Journal of Inorganic Chemistry, 2015, 2015, 271-278.	2.0	40
51	Fine-tuning terminal solvent ligands to rationally enhance the energy barrier in dinuclear dysprosium single-molecule magnets. Dalton Transactions, 2017, 46, 186-192.	3.3	40
52	Modulation of the Coordination Environment around the Magnetic Easy Axis Leads to Significant Magnetic Relaxations in a Series of 3d-4f Schiff Complexes. Inorganic Chemistry, 2018, 57, 8065-8077.	4.0	40
53	Experimental and theoretical investigations of four 3dâ€“4f butterfly single-molecule magnets. Dalton Transactions, 2015, 44, 18544-18552.	3.3	39
54	Slow Magnetic Relaxations in Cobalt(II) Tetranitrate Complexes. Studies of Magnetic Anisotropy by Inelastic Neutron Scattering and High-Frequency and High-Field EPR Spectroscopy. Inorganic Chemistry, 2016, 55, 12603-12617.	4.0	39

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55	Coercive Fields Above 6â€…T in Two Cobalt(II)â€“Radical Chain Compounds. Angewandte Chemie - International Edition, 2020, 59, 10610-10618.	13.8	38
56	Tuning Slow Magnetic Relaxation in a Two-Dimensional Dysprosium Layer Compound through Guest Molecules. Inorganic Chemistry, 2016, 55, 7980-7987.	4.0	37
57	Magnetic Anisotropy from Trigonal Prismatic to Trigonal Antiprismatic Co(II) Complexes: Experimental Observation and Theoretical Prediction. Inorganic Chemistry, 2018, 57, 3903-3912.	4.0	37
58	Zero-Field Slow Magnetic Relaxation and Hysteresis Loop in Four-Coordinate Co^{II} Single-Ion Magnets with Strong Easy-Axis Anisotropy. Inorganic Chemistry, 2019, 58, 12555-12564.	4.0	36
59	Field-Induced Co(II) Single-Ion Magnets with mer-Directing Ligands but Ambiguous Coordination Geometry. Inorganic Chemistry, 2017, 56, 6056-6066.	4.0	35
60	Single-Molecule Magnet Behavior of 1D Coordination Polymers Based on DyZn₂(salen)₂ Units and Pyridin-N-Oxide-4-Carboxylate: Structural Divergence and Magnetic Regulation. Inorganic Chemistry, 2018, 57, 11077-11086.	4.0	34
61	Tuning Magnetic Relaxation in Square-Pyramidal Dysprosium Single-Molecule Magnets Using Apical Alkoxide Ligands. CCS Chemistry, 2021, 3, 388-398.	7.8	33
62	Modulating the Magnetic Interaction in New Triple-Decker Dysprosium(III) Single-Molecule Magnets. Inorganic Chemistry, 2018, 57, 1408-1416.	4.0	32
63	Capping Nâ€Donor Ligands Modulate the Magnetic Dynamics of Dy^{III} Î²â€Diketonate Singleâ€Ion Magnets with D₄d</sub> Symmetry. Chemistry - A European Journal, 2019, 25, 3884-3892.	3.3	32
64	A capped trigonal prismatic cobalt(<scp>ii</scp>) complex as a structural archetype for single-ion magnets. Dalton Transactions, 2020, 49, 2063-2067.	3.3	32
65	A series of dinuclear Dy(<scp>iii</scp>) complexes bridged by 2-methyl-8-hydroxylquinoline: replacement on the periphery coordinated Î²-diketonate terminal leads to different single-molecule magnetic properties. Dalton Transactions, 2016, 45, 3863-3873.	3.3	31
66	Probing the influence of molecular symmetry on the magnetic anisotropy of octahedral cobalt(<scp>ii</scp>) complexes. Inorganic Chemistry Frontiers, 2017, 4, 1909-1916.	6.0	31
67	Slow magnetic relaxation influenced by change of symmetry from ideal C_i to D_{3d} in cobalt(<scp>ii</scp>)-based single-ion magnets. Dalton Transactions, 2018, 47, 2506-2510.	3.3	31
68	Rhodamine Salicylaldehyde Hydrazone Dy(III) Complexes: Fluorescence and Magnetism. Inorganic Chemistry, 2018, 57, 4061-4069.	4.0	30
69	Isomeric ligands enhance the anisotropy barrier within nine-coordinated {Dy₂} compounds. Journal of Materials Chemistry C, 2017, 5, 9488-9495.	5.5	29
70	Four Dinuclear and One-Dimensional-Chain Dysprosium and Terbium Complexes Based on 2-Hydroxy-3-methoxybenzoic Acid: Structures, Fluorescence, Single-Molecule-Magnet, and Ab Initio Investigation. Inorganic Chemistry, 2020, 59, 4414-4423.	4.0	29
71	Hydrogen-Bonded Framework of a Cobalt(II) Complex Showing Superior Stability and Field-Induced Slow Magnetic Relaxation. Inorganic Chemistry, 2022, 61, 3754-3762.	4.0	29
72	Chiral six-coordinate Dy(iii) and Tb(iii) complexes of an achiral ligand: structure, fluorescence, and magnetism. Dalton Transactions, 2017, 46, 13035-13042.	3.3	28

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73	Syntheses, structures and magnetic properties of the lanthanide complexes of the pyrimidyl-substituted nitronyl nitroxide radical. Dalton Transactions, 2017, 46, 10452-10461.	3.3	28
74	Magnetic Anisotropy along a Series of Lanthanide Polyoxometalates with Pentagonal Bipyramidal Symmetry. Inorganic Chemistry, 2017, 56, 7835-7841.	4.0	28
75	Heterometallic M^{II}Ln^{III} (M = Co/Zn; Ln = Dy/Y) Complexes with Pentagonal Bipyramidal 3d Centers: Syntheses, Structures, and Magnetic Properties. Inorganic Chemistry, 2018, 57, 15526-15536.	4.0	28
76	Structures, Single-Molecule Magnets, and Fluorescent Properties of Four Dinuclear Lanthanide Complexes Based on 4-Azotriazolyl-3-hydroxy-2-naphthoic Acid. Inorganic Chemistry, 2019, 58, 5914-5921.	4.0	28
77	Largely Enhancing the Blocking Energy Barrier and Temperature of a Linear Cobalt(II) Complex through the Structural Distortion: A Theoretical Exploration. Inorganic Chemistry, 2022, 61, 295-301.	4.0	28
78	A Six-Coordinate Dysprosium Single-Ion Magnet with Trigonal-Prismatic Geometry. Inorganic Chemistry, 2017, 56, 7320-7323.	4.0	27
79	Regulation of magnetic relaxation behavior by replacing 3d transition metal ions in [M₂Dy₂] complexes containing two different organic chelating ligands. Dalton Transactions, 2019, 48, 10011-10022.	3.3	27
80	Understanding the Magnetic Anisotropy in a Family of N₂^{3â€“} Radical-Bridged Lanthanide Complexes: Density Functional Theory and ab Initio Calculations. Journal of Physical Chemistry A, 2013, 117, 10873-10880.	2.5	26
81	Understanding the magnetic anisotropy for linear sandwich [Er(COT)]⁺-based compounds: a theoretical investigation. Dalton Transactions, 2022, 51, 3295-3303.	3.3	26
82	A distinct magnetic anisotropy enhancement in mononuclear dysprosiumâ€“sulfur complexes by controlling the Dy-ligand bond length. Dalton Transactions, 2016, 45, 8149-8153.	3.3	25
83	The Charge Transfer Approach to Heavier Mainâ€Group Element Radicals in Transitionâ€Metal Complexes. Angewandte Chemie - International Edition, 2017, 56, 12741-12745.	13.8	25
84	Enhancing single-molecule magnet behaviour through decorating terminal ligands in Dy₂ compounds. Dalton Transactions, 2019, 48, 12622-12631.	3.3	25
85	Significantly Enhancing the Single-Molecule-Magnet Performance of a Dinuclear Dy(III) Complex by Utilizing an Asymmetric Auxiliary Organic Ligand. Inorganic Chemistry, 2021, 60, 18739-18752.	4.0	24
86	Enhanced energy barriers triggered by magnetic anisotropy modulation via tuning the functional groups on the bridging ligands in Dy₂ single-molecule magnets. Dalton Transactions, 2018, 47, 15197-15205.	3.3	23
87	Dinuclear Lanthanide Complexes Based on a Schiffâ€base Ligand: Free Lattice Solvent Inducing the Single Molecule Magnet Behavior of Dy₂ Compound. Chemistry - an Asian Journal, 2018, 13, 3753-3761.	3.3	23
88	Magnetic anisotropy and slow magnetic relaxation processes of cobalt(<scp>ii</scp>)-pseudohalide complexes. Dalton Transactions, 2019, 48, 10743-10752.	3.3	23
89	High local coordination symmetry around the spin center and the alignment between magnetic and symmetric axes together play a crucial role in single-molecule magnet performance. Dalton Transactions, 2019, 48, 4931-4940.	3.3	23
90	A Trinuclear Zinc Coordination Cluster Exhibiting Fluorescence, Colorimetric Sensitivity, and Recycling of Silver Ion and Detection of Cupric Ion. Inorganic Chemistry, 2020, 59, 2833-2842.	4.0	23

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91	Single-ion magnetism in seven-coordinate Yb^{III} complexes with distorted D_{5h} coordination geometry. Dalton Transactions, 2017, 46, 12884-12892.	3.3	23
92	Modulating Slow Magnetic Relaxation of Dysprosium Compounds through the Position of Coordinating Nitrate Group. Inorganic Chemistry, 2017, 56, 13430-13436.	4.0	22
93	Two Series of Homodinuclear Lanthanide Complexes: Greatly Enhancing Energy Barriers through Tuning Terminal Solvent Ligands in Dy₂ Singleâ€Molecule Magnets. Chemistry - an Asian Journal, 2017, 12, 2834-2844.	3.3	22
94	Magnetic Interaction Affecting the Zero-Field Single-Molecule Magnet Behaviors in Isomorphic {Ni^{II}₂Dy^{III}₂} and {Co^{II}₂Dy^{III}₂} Tetranuclear Complexes. Inorganic Chemistry, 2017, 56, 11387-11397.	4.0	22
95	One-dimensional cobalt(<scp>ii</scp>) coordination polymer featuring single-ion-magnet-type field-induced slow magnetic relaxation. New Journal of Chemistry, 2018, 42, 9612-9619.	2.8	22
96	A series of lanthanide(<scp>iii</scp>) metalâ€“organic frameworks derived from a pyridyl-dicarboxylate ligand: single-molecule magnet behaviour and luminescence properties. Dalton Transactions, 2020, 49, 14123-14132.	3.3	22
97	Syntheses, structures and magnetic properties of macrocyclic Schiff base-supported homodinuclear lanthanide complexes. Dalton Transactions, 2018, 47, 11696-11704.	3.3	21
98	Elucidation of the two-step relaxation processes of a tetranuclear dysprosium molecular nanomagnet through magnetic dilution. Dalton Transactions, 2018, 47, 11636-11644.	3.3	21
99	Photochemically Tuned Magnetic Properties in an Erbium(III)-Based Easy-Plane Single-Molecule Magnet. Inorganic Chemistry, 2019, 58, 14440-14448.	4.0	21
100	Unprecedented one-dimensional chain and two-dimensional network dysprosium(<scp>iii</scp>) single-molecule toroics with white-light emission. Chemical Communications, 2020, 56, 2590-2593.	4.1	21
101	Fine Tuning of the Anisotropy Barrier by Ligand Substitution Observed in Linear {Dy₂Ni₂} Clusters. Chemistry - A European Journal, 2016, 22, 18840-18849.	3.3	20
102	A family of lanthanide compounds with reduced nitronyl nitroxide diradical: syntheses, structures and magnetic properties. Dalton Transactions, 2018, 47, 7925-7933.	3.3	20
103	Dysprosium complexes bearing unsupported Dy^{III}â€“Ge^{II}/Sn^{II}metalâ€“metal bonds as single-ion magnets. Chemical Communications, 2019, 55, 8250-8253.	4.1	20
104	Syntheses, structures, and magnetic properties of three two-dimensional cobalt(<scp>ii</scp>) single-ion magnets with a Co^{II}N₄X₂ octahedral geometry. CrystEngComm, 2019, 21, 3176-3185.	2.6	20
105	Macrocycle supported dimetallic lanthanide complexes with slow magnetic relaxation in Dy₂analogues. Dalton Transactions, 2020, 49, 14169-14179.	3.3	20
106	Two C_{2v} symmetry dysprosium(<scp>iii</scp>) single-molecule magnets with effective energy barriers over 600 K. Inorganic Chemistry Frontiers, 2021, 8, 2349-2355.	6.0	20
107	Magneto-Structural Correlations in a Family of FeIIReIV(CN)2 Single-Chain Magnets: Density Functional Theory and Ab Initio Calculations. Inorganic Chemistry, 2014, 53, 3503-3510.	4.0	19
108	Field-induced slow magnetic relaxation in a hydrogen-bonding linked Co(II) 1D supramolecular coordination polymer. Supramolecular Chemistry, 2015, 27, 401-406.	1.2	19

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109	Influence of alcoholic solvent and acetate anion coordination mode variations on structures and magnetic properties of heterometallic Zn₂Dy₂ tetranuclear clusters. Dalton Transactions, 2018, 47, 16616-16626.	3.3	19
110	Terbium Triangle Bridged by a Triazole Nitronyl Nitroxide Radical with Single-Molecule-Magnet Behavior. Inorganic Chemistry, 2019, 58, 14285-14288.	4.0	19
111	Impact of Ligand Substituents on the Magnetization Dynamics of Mononuclear Dy^{III} Single-Molecule Magnets. Inorganic Chemistry, 2022, 61, 9785-9791.	4.0	19
112	Spontaneous Resolution of Chiral Co(III)Dy(III) Single-Molecule Magnet Based on an Achiral Flexible Ligand. Crystal Growth and Design, 2018, 18, 7611-7617.	3.0	18
113	High-coordinate Co^{II} and Fe^{II} compounds constructed from an asymmetric tetradentate ligand show slow magnetic relaxation behavior. Dalton Transactions, 2018, 47, 8940-8948.	3.3	18
114	Synthesis, crystal structures and magnetic properties of a series of chair-like heterometallic [Fe₄Ln₂] (Ln = Gd^{III}, Dy^{III}, Ho^{III}, and) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.3	18
115	A rare chloride-bridged dysprosium chain with slow magnetic relaxation: a thermally activated mechanism via a second-excited state promoted by magnetic interactions. Inorganic Chemistry Frontiers, 2019, 6, 786-790.	6.0	18
116	Acid and alkali-resistant Dy₄coordination clusters: synthesis, structure and slow magnetic relaxation behaviors. Journal of Materials Chemistry C, 2021, 9, 3854-3862.	5.5	18
117	A Rare Water and Hydroxyl-Extended One-Dimensional Dysprosium(III) Chain and Its Magnetic Dilution Effect. Inorganic Chemistry, 2017, 56, 9594-9601.	4.0	17
118	Magnetic onâ€“off switching in redox non-innocent ligand bridged binuclear cobalt complexes. Dalton Transactions, 2018, 47, 17211-17215.	3.3	17
119	Both magnetic relaxation and luminescence of Zn₂Dy₂ cluster complexes regulated by the bis-imine chain in Schiff base ligands. New Journal of Chemistry, 2019, 43, 14502-14510.	2.8	17
120	Lanthanide Metalâ€“Organic Frameworks Assembled from Unexplored Imidazolylcarboxylic Acid: Structure and Field-Induced Two-Step Magnetic Relaxation. Inorganic Chemistry, 2020, 59, 11930-11934.	4.0	17
121	Adducts of Tris(alkyl) Holmium(III) Showing Magnetic Relaxation. Inorganic Chemistry, 2020, 59, 5835-5844.	4.0	17
122	Interchange between coordinated and lattice solvents generates the highest energy barrier within nine-coordinated Dy^{III} single molecule magnets. Dalton Transactions, 2017, 46, 11159-11165.	3.3	16
123	Magnetic anisotropy and relaxation behavior of six-coordinate tris(pivalato)-Co(<scp>ii</scp>) and -Ni(<scp>ii</scp>) complexes. Dalton Transactions, 2018, 47, 10162-10171.	3.3	16
124	Slow relaxation of the magnetization observed in mononuclear Lnâ€“radical compounds with D_{4d} geometry configurations. Dalton Transactions, 2019, 48, 558-565.	3.3	16
125	Modulating magnetic dynamics through tailoring the terminal ligands in Dy₂ single-molecule magnets. Dalton Transactions, 2020, 49, 808-816.	3.3	16
126	Structurally modulated single-ion magnets of mononuclear Î²-diketone dysprosium(iii) complexes. Dalton Transactions, 2020, 49, 14931-14940.	3.3	16

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127	Structural Modulation of Fluorescent Rhodamine-Based Dysprosium(III) Single-Molecule Magnets. Inorganic Chemistry, 2020, 59, 2308-2315.	4.0	16
128	Tuning magnetic anisotropy via terminal ligands along the Dyâ‹¯Dy orientation in novel centrosymmetric [Dy2] single molecule magnets. Dalton Transactions, 2021, 50, 568-577.	3.3	16
129	Tuning the Equatorial Negative Charge in Hexagonal Bipyramidal Dysprosium(III) Single-Ion Magnets to Improve the Magnetic Behavior. Inorganic Chemistry, 2022, 61, 3664-3673.	4.0	16
130	Weak exchange coupling effects leading to fast magnetic relaxations in a trinuclear dysprosium single-molecule magnet. Inorganic Chemistry Frontiers, 2020, 7, 447-454.	6.0	15
131	Dy^{III} single-molecule magnets from ligands incorporating both amine and acylhydrazine Schiff base groups: the centrosymmetric {Dy₂} displaying dual magnetic relaxation behaviors. Dalton Transactions, 2020, 49, 15739-15749.	3.3	15
132	Understanding the near-infrared fluorescence and field-induced single-molecule-magnetic properties of dinuclear and one-dimensional-chain ytterbium complexes based on 2-hydroxy-3-methoxybenzoic acid. Inorganic Chemistry Frontiers, 2020, 7, 3136-3145.	6.0	15
133	Tuning Magnetic Anisotropy in a Class of Co(II) Bis(hexafluoroacetylacetonate) Complexes. Chemistry - an Asian Journal, 2020, 15, 1469-1477.	3.3	15
134	Regulating the magnetic dynamics of mononuclear Î²-diketone Dy(<scp>iii</scp>) single-molecule magnets through the substitution effect on capping N-donor coligands. Dalton Transactions, 2021, 50, 2102-2111.	3.3	15
135	Effect of coordination anion substitutions on relaxation dynamics of defect dicubane Zn2Dy2 tetranuclear clusters. Dalton Transactions, 2019, 48, 7844-7852.	3.3	14
136	Strong intramolecular Dy^{III}â€“Dy^{III} magnetic couplings up to 15.00 cm^{â^'1} in phenoxyl-bridged dinuclear 4f complexes. New Journal of Chemistry, 2020, 44, 2083-2090.	2.8	14
137	Bulky Schiff-base ligand supported Co(ii) single-ion magnets with zero-field slow magnetic relaxation. Dalton Transactions, 2020, 49, 5798-5802.	3.3	14
138	Influence of the Different Types of Auxiliary Noncarboxylate Organic Ligands on the Topologies and Magnetic Relaxation Behavior of Znâ€“Dy Heterometallic Single Molecule Magnets. Inorganic Chemistry, 2021, 60, 9941-9955.	4.0	14
139	Dinuclear Dy 2 Singleâ€Molecule Magnets: Functional Modulation on the Bridging Ligand and Different Relaxation Performances within the Singleâ€Crystal to Singleâ€Crystal System. Chemistry - an Asian Journal, 2018, 13, 1725-1734.	3.3	13
140	A new salicylaldehyde-based azo dye and its two lanthanide(<scp>iii</scp>) complexes displaying slow magnetic relaxation. Dalton Transactions, 2018, 47, 14975-14984.	3.3	13
141	Modulating Magnetic Property of Phthalocyanine Supported M^{II}â€“Dy^{III} (M = Ni,) Tj ETQq1 1 0.784314 rgB	4.0	13
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