

Yi-Quan Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Photocontrollable Magnetism and Photoluminescence in a Binuclear Dysprosium Anthracene Complex. <i>Inorganic Chemistry</i> , 2023, 62, 1864-1874.	4.0	11
2	Four mononuclear dysprosium complexes with neutral Schiff-base ligands: syntheses, crystal structures and slow magnetic relaxation behavior. <i>Dalton Transactions</i> , 2022, 51, 1415-1422.	3.3	6
3	Slow relaxation of Dy(III) single-ion magnets dominated by the simultaneous binding of chelating ligands in low-symmetry ligand-fields. <i>Dalton Transactions</i> , 2022, 51, 1175-1181.	3.3	3
4	Understanding the magnetic anisotropy for linear sandwich [Er(COT)] ⁺ -based compounds: a theoretical investigation. <i>Dalton Transactions</i> , 2022, 51, 3295-3303.	3.3	26
5	Magneto-optical Properties of Lanthanide(III) Metal-Organic Frameworks Based on an Iridium(III) Metalloligand. <i>Inorganic Chemistry</i> , 2022, 61, 3097-3102.	4.0	5
6	Largely Enhancing the Blocking Energy Barrier and Temperature of a Linear Cobalt(II) Complex through the Structural Distortion: A Theoretical Exploration. <i>Inorganic Chemistry</i> , 2022, 61, 295-301.	4.0	28
7	Schiff base tetranuclear Zn ₂ Ln ₂ single-molecule magnets bridged by hydroxamic acid in association with near-infrared luminescence. <i>Dalton Transactions</i> , 2022, 51, 6918-6926.	3.3	8
8	Reversible on-off switching of Dy(III) single-molecule magnets via single-crystal-to-single-crystal transformation. <i>Dalton Transactions</i> , 2022, . .	3.3	3
9	Synthesis and structures of fluoride-bridged dysprosium clusters: influence of fluoride ions on magnetic relaxation behaviors. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2336-2342.	6.0	4
10	Tuning the Equatorial Negative Charge in Hexagonal Bipyramidal Dysprosium(III) Single-Ion Magnets to Improve the Magnetic Behavior. <i>Inorganic Chemistry</i> , 2022, 61, 3664-3673.	4.0	16
11	Hydrogen-Bonded Framework of a Cobalt(II) Complex Showing Superior Stability and Field-Induced Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2022, 61, 3754-3762.	4.0	29
12	Magnetic anisotropy of two tetrahedral Co(II)-halide complexes with triphenylphosphine ligands. <i>Dalton Transactions</i> , 2022, 51, 7530-7538.	3.3	5
13	Modulation of architectures and magnetic dynamics in pseudotetrahedral cobalt(II) complexes. <i>Dalton Transactions</i> , 2022, 51, 7673-7680.	3.3	2
14	Slow magnetic relaxation in a trigonal-planar mononuclear Fe(II) complex. <i>Dalton Transactions</i> , 2022, 51, 8266-8272.	3.3	3
15	A mononuclear nine-coordinated Dy(III) complex exhibiting field-induced single-ion magnetism behaviour. <i>RSC Advances</i> , 2022, 12, 13992-13998.	3.6	1
16	Single-molecule magnet behaviour in a centrosymmetric dinuclear dysprosium(III) complex: sequential differentiation of triple relaxation pathways. <i>Dalton Transactions</i> , 2022, 51, 9233-9240.	3.3	3
17	Slow magnetic relaxation in a Dy ₃ triangle and a bistrigonal Dy ₆ cluster. <i>Dalton Transactions</i> , 2022, 51, 9404-9411.	3.3	8
18	Modulating Two Pairs of Chiral Dy ^{III} Enantiomers by Distinct $\hat{\eta}^2$ -Diketone Ligands to Show Giant Differences in Single-Ion Magnet Performance and Nonlinear Optical Response. <i>Inorganic Chemistry</i> , 2022, 61, 9283-9294.	4.0	9

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19	Terminal-fluoride-coordinated air-stable chiral dysprosium single-molecule magnets. <i>Chemical Communications</i> , 2022, 58, 7638-7641.	4.1	9
20	Impact of Ligand Substituents on the Magnetization Dynamics of Mononuclear Dy ^{III} Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2022, 61, 9785-9791.	4.0	19
21	Evolution from a single relaxation process to two-step relaxation processes of Dy ₂ single-molecule magnets via the modulations of the terminal solvent ligands. <i>Dalton Transactions</i> , 2021, 50, 217-228.	3.3	11
22	Origin of Magnetic Relaxation Barriers in a Family of Cobalt(II) Radical Single-Chain Magnets: Density Functional Theory and <i>Ab Initio</i> Calculations. <i>Inorganic Chemistry</i> , 2021, 60, 1007-1015.	4.0	7
23	Two <i>C</i> _{2v} symmetry dysprosium(^{III}) single-molecule magnets with effective energy barriers over 600 K. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2349-2355.	6.0	20
24	Ligand field and anion-driven structures and magnetic properties of dysprosium complexes. <i>CrystEngComm</i> , 2021, 23, 2825-2834.	2.6	5
25	Tuning magnetic anisotropy via terminal ligands along the Dy ^{III} -Dy orientation in novel centrosymmetric [Dy ₂] single molecule magnets. <i>Dalton Transactions</i> , 2021, 50, 568-577.	3.3	16
26	Modulating the slow magnetic relaxation of a mononuclear Dy(^{III}) single-molecule magnet <i>via</i> a magnetic field and dilution effects. <i>CrystEngComm</i> , 2021, 23, 5443-5450.	2.6	5
27	Modulating the relaxation dynamics <i>via</i> structural transition from a dinuclear dysprosium cluster to a nonanuclear cluster. <i>Dalton Transactions</i> , 2021, 50, 12814-12820.	3.3	3
28	Regulating the magnetic dynamics of mononuclear ^{II} -diketone Dy(^{III}) single-molecule magnets through the substitution effect on capping N-donor coligands. <i>Dalton Transactions</i> , 2021, 50, 2102-2111.	3.3	15
29	Acid and alkali-resistant Dy ₄ coordination clusters: synthesis, structure and slow magnetic relaxation behaviors. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3854-3862.	5.5	18
30	Enhancing the magnetic performance of pyrazine- <i>N</i> -oxide bridged dysprosium chains through controlled variation of ligand coordination modes. <i>Dalton Transactions</i> , 2021, 50, 7048-7055.	3.3	2
31	Slow Magnetic Relaxation in a [Na ₂ Dy ₄] Complex and Coexistence of Multiple Metal Rings. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 740-747.	2.0	1
32	Tuning Magnetic Relaxation in Square-Pyramidal Dysprosium Single-Molecule Magnets Using Apical Alkoxide Ligands. <i>CCS Chemistry</i> , 2021, 3, 388-398.	7.8	33
33	Influence of the Different Types of Auxiliary Noncarboxylate Organic Ligands on the Topologies and Magnetic Relaxation Behavior of Zn ^{II} -Dy Heterometallic Single Molecule Magnets. <i>Inorganic Chemistry</i> , 2021, 60, 9941-9955.	4.0	14
34	Air-Stable Chiral Single-Molecule Magnets with Record Anisotropy Barrier Exceeding 1800 K. <i>Journal of the American Chemical Society</i> , 2021, 143, 10077-10082.	13.7	165
35	A Dy(III) Fluorescent Single-Molecule Magnet Based on a Rhodamine 6G Ligand. <i>Inorganics</i> , 2021, 9, 51.	2.7	3
36	Optimal N-Co-N bite angle for enhancing the magnetic anisotropy of zero-field Co(II) single-ion magnets in tetrahedral [N ₄] coordination environment. <i>Journal of Solid State Chemistry</i> , 2021, 299, 122209.	2.9	6

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37	Enhancing the Magnetic Anisotropy in Low-Symmetry Dy-Based Complexes by Tuning the Bond Length. <i>Inorganic Chemistry</i> , 2021, 60, 11419-11428.	4.0	11
38	Homochiral Dysprosium Phosphonate Nanowires: Morphology Control and Magnetic Dynamics. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2648-2658.	3.3	7
39	Reversible Switching of Single-Molecule Magnetic Behaviour by Desorption/Adsorption of Solvent Ligand in a New Dy(III)-Based Metal Organic Framework. <i>Frontiers in Chemistry</i> , 2021, 9, 714851.	3.6	4
40	Polar Lanthanide Anthracene Complexes Exhibiting Magnetic, Luminescent and Dielectric Properties. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4207-4215.	2.0	4
41	Influence of F-position and solvent on coordination geometry and single ion magnet behavior of Co(ii) complexes. <i>Dalton Transactions</i> , 2021, 50, 13830-13840.	3.3	3
42	The comparative studies on the magnetic relaxation behaviour of the axially-elongated pentagonal-bipyramidal dysprosium and erbium ions in similar one-dimensional chain structures. <i>Dalton Transactions</i> , 2021, 50, 8736-8745.	3.3	7
43	Dysprosium- π -dianthracene framework showing thermo-responsive magnetic and luminescence properties. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10749-10758.	5.5	12
44	Syntheses, structural modulation, and slow magnetic relaxation of three dysprosium(iii) complexes with mononuclear, dinuclear, and one-dimensional structures. <i>Dalton Transactions</i> , 2021, 50, 13728-13736.	3.3	8
45	Guest-Induced Switching of a Molecule-Based Magnet in a 3d-4f Heterometallic Cluster-Based Chain Structure. <i>Inorganic Chemistry</i> , 2021, 60, 633-641.	4.0	6
46	Significantly Enhancing the Single-Molecule-Magnet Performance of a Dinuclear Dy(III) Complex by Utilizing an Asymmetric Auxiliary Organic Ligand. <i>Inorganic Chemistry</i> , 2021, 60, 18739-18752.	4.0	24
47	Optimal diamagnetic dilution concentration for suppressing the dipole-dipole interaction in single-ion magnets. <i>Dalton Transactions</i> , 2020, 49, 2159-2167.	3.3	8
48	Strong intramolecular Dy ^{III} -Dy ^{III} magnetic couplings up to 15.00 cm ⁻¹ in phenoxy-bridged dinuclear 4f complexes. <i>New Journal of Chemistry</i> , 2020, 44, 2083-2090.	2.8	14
49	Modulating magnetic dynamics through tailoring the terminal ligands in Dy ₂ single-molecule magnets. <i>Dalton Transactions</i> , 2020, 49, 808-816.	3.3	16
50	Weak exchange coupling effects leading to fast magnetic relaxations in a trinuclear dysprosium single-molecule magnet. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 447-454.	6.0	15
51	Two Four-Coordinate and Seven-Coordinate Co ^{II} Complexes Based on the Bidentate Ligand 1, 8-Naphthyridine Showing Slow Magnetic Relaxation Behavior. <i>Chemistry - an Asian Journal</i> , 2020, 15, 279-286.	3.3	10
52	Dy ^{III} single-molecule magnets from ligands incorporating both amine and acylhydrazine Schiff base groups: the centrosymmetric {Dy ₂ } displaying dual magnetic relaxation behaviors. <i>Dalton Transactions</i> , 2020, 49, 15739-15749.	3.3	15
53	Magnetic anisotropy in square pyramidal cobalt(II) complexes supported by a tetraazo macrocyclic ligand. <i>Dalton Transactions</i> , 2020, 49, 14837-14846.	3.3	10
54	Why lanthanide Er ^{III} SIMs cannot possess huge energy barriers: a theoretical investigation. <i>Dalton Transactions</i> , 2020, 49, 14576-14583.	3.3	50

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55	Substituent effects of auxiliary ligands in mononuclear dibenzoylmethane Dy ^{III} /Er ^{III} complexes: single-molecule magnetic behavior and luminescence properties. <i>CrystEngComm</i> , 2020, 22, 7929-7934.	2.6	4
56	Structurally modulated single-ion magnets of mononuclear β^2 -diketone dysprosium(III) complexes. <i>Dalton Transactions</i> , 2020, 49, 14931-14940.	3.3	16
57	Synergistic effect of mixed ligands on the anisotropy axis of two dinuclear dysprosium complexes. <i>Dalton Transactions</i> , 2020, 49, 10594-10602.	3.3	9
58	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. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3136-3145.	6.0	15
59	Rationally Designing Metal-Organic Frameworks Based on [Ln ₂] Magnetic Building Blocks Utilizing 2-Hydroxyisophthalate and Fine-Tuning the Magnetic Properties of Dy Analogues by Terminal Coordinated Solvents. <i>Inorganic Chemistry</i> , 2020, 59, 16924-16935.	4.0	11
60	Lanthanide Metal-Organic Frameworks Assembled from Unexplored Imidazolylcarboxylic Acid: Structure and Field-Induced Two-Step Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2020, 59, 11930-11934.	4.0	17
61	Incorporating Trigonal-Prismatic Cobalt(II) Blocks into an Exchange-Coupled [Co ₂ Cu] System. <i>Inorganic Chemistry</i> , 2020, 59, 10389-10394.	4.0	8
62	Assembling two Dy ₂ single-molecule magnets with different energy barriers via fine-tuning the geometries of Dy ^{III} sites. <i>New Journal of Chemistry</i> , 2020, 44, 20634-20642.	2.8	2
63	Switchable slow relaxation of magnetization in photochromic dysprosium(III) complexes manipulated by a dithienylethene ligand. <i>New Journal of Chemistry</i> , 2020, 44, 20129-20136.	2.8	8
64	Macrocyclic supported dimetallic lanthanide complexes with slow magnetic relaxation in Dy ₂ analogues. <i>Dalton Transactions</i> , 2020, 49, 14169-14179.	3.3	20
65	A series of lanthanide(III) metal-organic frameworks derived from a pyridyl-dicarboxylate ligand: single-molecule magnet behaviour and luminescence properties. <i>Dalton Transactions</i> , 2020, 49, 14123-14132.	3.3	22
66	Magnetic field and dilution effects on the slow relaxation of {Er ₃ } triangle-based arsenotungstate single-molecule magnets. <i>Dalton Transactions</i> , 2020, 49, 12458-12465.	3.3	13
67	Designing asymmetric Dy ₂ single-molecule magnets with two-step relaxation processes by the modification of the coordination environments of Dy(III) ions. <i>Dalton Transactions</i> , 2020, 49, 8976-8984.	3.3	8
68	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. <i>Inorganic Chemistry</i> , 2020, 59, 4414-4423.	4.0	29
69	Tuning Magnetic Anisotropy in a Class of Co(II) Bis(hexafluoroacetylacetonate) Complexes. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1469-1477.	3.3	15
70	A Trinuclear Zinc Coordination Cluster Exhibiting Fluorescence, Colorimetric Sensitivity, and Recycling of Silver Ion and Detection of Cupric Ion. <i>Inorganic Chemistry</i> , 2020, 59, 2833-2842.	4.0	23
71	Tuning the Single-Molecule Magnetism of Dysprosium Complexes by a Redox-Noninnocent Diborane Ligand. <i>Organometallics</i> , 2020, 39, 4143-4148.	2.3	10
72	Structural Modulation of Fluorescent Rhodamine-Based Dysprosium(III) Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2020, 59, 2308-2315.	4.0	16

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73	Unprecedented one-dimensional chain and two-dimensional network dysprosium(ⁱⁱⁱ) single-molecule toroids with white-light emission. <i>Chemical Communications</i> , 2020, 56, 2590-2593.	4.1	21
74	A capped trigonal prismatic cobalt(ⁱⁱ) complex as a structural archetype for single-ion magnets. <i>Dalton Transactions</i> , 2020, 49, 2063-2067.	3.3	32
75	Rare CH ₃ O ⁺ /CH ₃ CH ₂ O ⁺ -bridged nine-coordinated binuclear Dy ^{III} single-molecule magnets (SMMs) significantly regulate and enhance the effective energy barriers. <i>CrystEngComm</i> , 2020, 22, 1712-1724.	2.6	6
76	Adducts of Tris(alkyl) Holmium(III) Showing Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2020, 59, 5835-5844.	4.0	17
77	Bulky Schiff-base ligand supported Co(ii) single-ion magnets with zero-field slow magnetic relaxation. <i>Dalton Transactions</i> , 2020, 49, 5798-5802.	3.3	14
78	Coercive Fields Above 6â€¦T in Two Cobalt(II)â€“Radical Chain Compounds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10610-10618.	13.8	38
79	Observation of field-induced single-ion magnet behavior in a mononuclear DyIII complex by co-crystallization of a square-planar CuII complex. <i>Inorganica Chimica Acta</i> , 2020, 510, 119718.	2.4	8
80	Coordination microenvironment perturbed single-ion magnet behavior in a β^2 -diketone Dy(iii) complex. <i>CrystEngComm</i> , 2020, 22, 6856-6863.	2.6	10
81	The differential magnetic relaxation behaviours of slightly distorted triangular dodecahedral dysprosium analogues in a type of cyano-bridged 3dâ€“4f zig-zag chain compounds. <i>Dalton Transactions</i> , 2020, 49, 6867-6875.	3.3	8
82	Double and triple pyridine-N-oxide bridged dinuclear Dysprosium(III) dimers and single-molecule magnetic properties. <i>Journal of Molecular Structure</i> , 2019, 1175, 686-697.	3.6	9
83	Both magnetic relaxation and luminescence of Zn ₂ Dy ₂ cluster complexes regulated by the bis-imine chain in Schiff base ligands. <i>New Journal of Chemistry</i> , 2019, 43, 14502-14510.	2.8	17
84	Synthesis, crystal structures and magnetic properties of a series of chair-like heterometallic [Fe ₄ Ln ₂] (Ln = Gd ^{III} , Dy ^{III} , Ho ^{III} , and) <i>TJ ETQq0 0 0.8 BT / Overlock 10 T</i>		
85	Enhancing single-molecule magnet behaviour through decorating terminal ligands in Dy ₂ compounds. <i>Dalton Transactions</i> , 2019, 48, 12622-12631.	3.3	25
86	Terbium Triangle Bridged by a Triazole Nitronyl Nitroxide Radical with Single-Molecule-Magnet Behavior. <i>Inorganic Chemistry</i> , 2019, 58, 14285-14288.	4.0	19
87	Photochemically Tuned Magnetic Properties in an Erbium(III)-Based Easy-Plane Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2019, 58, 14440-14448.	4.0	21
88	Two Dy(III) Single-Molecule Magnets with Their Performance Tuned by Schiff Base Ligands. <i>Inorganic Chemistry</i> , 2019, 58, 1191-1200.	4.0	50
89	A series of dysprosium-based hydrogen-bonded organic frameworks (Dyâ€“HOFs): thermally triggered off $\hat{\alpha}^1$ on conversion of a single-ion magnet. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2906-2913.	6.0	42
90	Zero-Field Slow Magnetic Relaxation and Hysteresis Loop in Four-Coordinate Co ^{II} Single-Ion Magnets with Strong Easy-Axis Anisotropy. <i>Inorganic Chemistry</i> , 2019, 58, 12555-12564.	4.0	36

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91	Single molecule magnet behaviors of Zn_4Ln_2 ($Ln = Dy^{III}$), $TjEQq110.784314$ $rgBT/Overlock$ CO_2 in air through <i>in situ</i> reactions. Dalton Transactions, 2019, 48, 512-522.	3.3	42
92	Hexagonal Bipyramidal Dy(III) Complexes as a Structural Archetype for Single-Molecule Magnets. Inorganic Chemistry, 2019, 58, 2610-2617.	4.0	60
93	Bifunctional Mononuclear Dysprosium Complexes: Single-Ion Magnet Behaviors and Antitumor Activities. Inorganic Chemistry, 2019, 58, 2286-2298.	4.0	50
94	A rare chloride-bridged dysprosium chain with slow magnetic relaxation: a thermally activated mechanism <i>via</i> a second-excited state promoted by magnetic interactions. Inorganic Chemistry Frontiers, 2019, 6, 786-790.	6.0	18
95	Regulation of magnetic relaxation behavior by replacing 3d transition metal ions in $[M_2Dy_2]$ complexes containing two different organic chelating ligands. Dalton Transactions, 2019, 48, 10011-10022.	3.3	27
96	Dysprosium complexes bearing unsupported $Dy^{III}Ge^{II}Sn^{II}$ metal-metal bonds as single-ion magnets. Chemical Communications, 2019, 55, 8250-8253.	4.1	20
97	Magnetic anisotropy and slow magnetic relaxation processes of cobalt(II)-pseudohalide complexes. Dalton Transactions, 2019, 48, 10743-10752.	3.3	23
98	Modulating Magnetic Property of Phthalocyanine Supported $M^{II}Dy^{III}$ ($M = Ni$), $TjEQq0.00$ $rgBT/Overlock$	4.0	13
99	Effect of coordination anion substitutions on relaxation dynamics of defect dicubane Zn_2Dy_2 tetranuclear clusters. Dalton Transactions, 2019, 48, 7844-7852.	3.3	14
100	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
101	Magnetic properties and theoretical calculations of mononuclear lanthanide complexes with a Schiff base coordinated to Ln(III) ion in a monodentate coordination mode. Inorganica Chimica Acta, 2019, 494, 8-12.	2.4	7
102	Syntheses, structures, and magnetic properties of three two-dimensional cobalt(II)- $Co^{II}N_4X_2$ octahedral geometry. CrystEngComm, 2019, 21, 3176-3185.	2.6	20
103	Multiple magnetic relaxation pathways in T-shaped N-heterocyclic carbene-supported Fe(I) single-ion magnets. Inorganic Chemistry Frontiers, 2019, 6, 1050-1057.	6.0	6
104	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
105	Syntheses and magnetic properties of a bis-tridentate nitronyl nitroxide radical and its metal complexes. Dalton Transactions, 2019, 48, 4774-4778.	3.3	7
106	Tuning the Magnetization Dynamic Properties of $Nd\cdots Fe$ and $Nd\cdots Co$ Single-Molecular Magnets by Introducing 3d-4d of Magnetic Interactions. Chemistry - an Asian Journal, 2019, 14, 2029-2035.	3.3	4
107	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
108	Solvent-tuned magnetic exchange interactions in Dy_2 systems ligated by a $1/4$ -phenolato heptadentate Schiff base. RSC Advances, 2019, 9, 39640-39648.	3.6	12

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109	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
110	Capping Nâ€Donor Ligands Modulate the Magnetic Dynamics of Dy ^{III} Diketonate Single-Ion Magnets with <i>C</i> _{4v} Symmetry. <i>Chemistry - A European Journal</i> , 2019, 25, 3884-3892.	3.3	32
111	Slow relaxation of the magnetization observed in mononuclear Ln ^{III} radical compounds with <i>D</i> _{4d} geometry configurations. <i>Dalton Transactions</i> , 2019, 48, 558-565.	3.3	16
112	One-dimensional cobalt(II) coordination polymer featuring single-ion-magnet-type field-induced slow magnetic relaxation. <i>New Journal of Chemistry</i> , 2018, 42, 9612-9619.	2.8	22
113	Dinuclear Dy ₂ Single-Molecule Magnets: Functional Modulation on the Bridging Ligand and Different Relaxation Performances within the Single-Crystal to Single-Crystal System. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1725-1734.	3.3	13
114	Modulating the Magnetic Interaction in New Triple-Decker Dysprosium(III) Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2018, 57, 1408-1416.	4.0	32
115	Slow magnetic relaxation influenced by change of symmetry from ideal <i>C</i> _i to <i>D</i> _{3d} in cobalt(II)-based single-ion magnets. <i>Dalton Transactions</i> , 2018, 47, 2506-2510.	3.3	31
116	Realization of toroidal magnetic moments in heterometallic 3d ^{4f} metallocycles. <i>Chemical Communications</i> , 2018, 54, 1065-1068.	4.1	79
117	Dramatic impact of the lattice solvent on the dynamic magnetic relaxation of dinuclear dysprosium single-molecule magnets. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1575-1586.	6.0	48
118	Rhodamine Salicylaldehyde Hydrazone Dy(III) Complexes: Fluorescence and Magnetism. <i>Inorganic Chemistry</i> , 2018, 57, 4061-4069.	4.0	30
119	Magnetic Anisotropy from Trigonal Prismatic to Trigonal Antiprismatic Co(II) Complexes: Experimental Observation and Theoretical Prediction. <i>Inorganic Chemistry</i> , 2018, 57, 3903-3912.	4.0	37
120	Enhanced energy barriers triggered by magnetic anisotropy modulation <i>via</i> tuning the functional groups on the bridging ligands in Dy ₂ single-molecule magnets. <i>Dalton Transactions</i> , 2018, 47, 15197-15205.	3.3	23
121	A belt-like one-dimensional Dy chain exhibiting slow magnetic relaxation behavior. <i>Dalton Transactions</i> , 2018, 47, 15298-15302.	3.3	4
122	Influence of alcoholic solvent and acetate anion coordination mode variations on structures and magnetic properties of heterometallic Zn ₂ Dy ₂ tetranuclear clusters. <i>Dalton Transactions</i> , 2018, 47, 16616-16626.	3.3	19
123	A triangular Dy ₃ single-molecule toric with high inversion energy barrier: magnetic properties and multiple-step assembly mechanism. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 3155-3162.	6.0	71
124	Magnetic on/off switching in redox non-innocent ligand bridged binuclear cobalt complexes. <i>Dalton Transactions</i> , 2018, 47, 17211-17215.	3.3	17
125	Spontaneous Resolution of Chiral Co(III)Dy(III) Single-Molecule Magnet Based on an Achiral Flexible Ligand. <i>Crystal Growth and Design</i> , 2018, 18, 7611-7617.	3.0	18
126	Concise Chemistry Modulation of the SMM Behavior within a Family of Mononuclear Dy(III) Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 14843-14851.	4.0	48

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127	Heterometallic M ^{II} Ln ^{III} (M = Co/Zn; Ln = Dy/Y) Complexes with Pentagonal Bipyramidal 3d Centers: Syntheses, Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2018, 57, 15526-15536.	4.0	28
128	Dinuclear Lanthanide Complexes Based on a Schiff-base Ligand: Free Lattice Solvent Inducing the Single Molecule Magnet Behavior of Dy ₂ Compound. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3753-3761.	3.3	23
129	A new salicylaldehyde-based azo dye and its two lanthanide(ⁱⁱⁱ) complexes displaying slow magnetic relaxation. <i>Dalton Transactions</i> , 2018, 47, 14975-14984.	3.3	13
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