Hao-Ling Sun

List of Publications by Year
in descending order

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		257357	175177
58	2,716	24	52
papers	citations	h-index	g-index

59	59	59	2532
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The rational construction of diamond-like dysprosiumâ€“hexacyanometallate frameworks featuring dynamic magnetic behaviour. Inorganic Chemistry Frontiers, 2022, 9, 231-240.	3.0	3
2	Excited-State Dynamics of Crossing-Controlled Energy Transfer in Europium Complexes. Jacs Au, 2022, 2, 853-864.	3.6	8
3	Enhancing the magnetic performance of pyrazine-N-oxide bridged dysprosium chains through controlled variation of ligand coordination modes. Dalton Transactions, 2021, 50, 7048-7055.	1.6	2
4	The construction of dynamic dysprosium-carboxylate ribbons by utilizing the hybrid-ligand conception. Dalton Transactions, 2021, 50, 1246-1252.	1.6	6
5	The comparative studies on the magnetic relaxation behaviour of the axially-elongated pentagonal-bipyramidal dysprosium and erbium ions in similar one-dimensional chain structures. Dalton Transactions, 2021, 50, 8736-8745.	1.6	7
6	Tuning the dynamic magnetic behaviour and proton conductivity via water-induced reversible single-crystal to single-crystal structural transformation. Journal of Materials Chemistry C, 2021, 9, 15858-15867.	2.7	14
7	Effect of the Transition Metal Ions on the Single-Molecule Magnet Properties in a Family of Air-Stable 3dâ€“4f Ion-Pair Compounds with Pentagonal Bipyramidal Ln(III) Ions. Inorganic Chemistry, 2021, 60, 18990-19000.	1.9	12
8	Regulating the structural dimensionality and dynamic properties of a porous dysprosium coordination polymer through solvent molecules. Inorganic Chemistry Frontiers, 2020, 7, 930-938.	3.0	24
9	N^N Pt(II) Bisacetylide Complexes with Oxoverdazyl Radical Ligands: Preparation, Photophysical Properties, and Magnetic Exchange Interaction between the Two Radical Ligands. Inorganic Chemistry, 2020, 59, 12471-12485.	1.9	5
10	Dy₂@C₇₉N: a new member of dimetalloazafullerenes with strong single molecular magnetism. Nanoscale, 2020, 12, 11130-11135.	2.8	28
11	Synthesis of flavonoids nitrogen mustard derivatives and study on their antitumor activity in vitro. Bioorganic Chemistry, 2020, 96, 103613.	2.0	7
12	Experimental Determination of Magnetic Anisotropy in Exchangeâ€Bias Dysprosium Metallocene Singleâ€Molecule Magnets. Angewandte Chemie - International Edition, 2020, 59, 13037-13043.	7.2	40
13	Experimental Determination of Magnetic Anisotropy in Exchangeâ€Bias Dysprosium Metallocene Singleâ€Molecule Magnets. Angewandte Chemie, 2020, 132, 13137-13143.	1.6	4
14	The differential magnetic relaxation behaviours of slightly distorted triangular dodecahedral dysprosium analogues in a type of cyano-bridged 3dâ€“4f zig-zag chain compounds. Dalton Transactions, 2020, 49, 6867-6875.	1.6	8
15	Lanthanideâ€“Organic Frameworks Constructed from 2,7-Naphthalenedisulfonate and 1H-Imidazo[4,5-f][1,10]-phenanthroline: Synthesis, Structure, and Luminescence with Near-Visible Light Excitation and Magnetic Properties. Inorganic Chemistry, 2019, 58, 9855-9865.	1.9	46
16	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.	3.0	18
17	Single-Ion Magnet Investigation of ABAB-Type Tetrachloro- and Tetraalkoxy-Substituted Bis(phthalocyaninato) Terbium Double-Decker with D 2 Symmetrical Ligand Field. European Journal of Inorganic Chemistry, 2019, 2019, 1329-1334.	1.0	2
18	Bis[1,8,15,22-tetrakis(3-pentyloxy)phthalocyaninato]terbium Double-Decker Single-Ion Magnets. Inorganic Chemistry, 2019, 58, 2422-2429.	1.9	12

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19	Proton mediated spin state transition of cobalt heme analogs. Nature Communications, 2019, 10, 2303.	5.8	23
20	Dysprosium complexes bearing unsupported Dy^{III}â€“Ge^{II}/Sn^{II}metalâ€“metal bonds as single-ion magnets. Chemical Communications, 2019, 55, 8250-8253.	2.2	20
21	Chiral bis(phthalocyaninato) terbium double-decker compounds with enhanced single-ion magnetic behavior. Inorganic Chemistry Frontiers, 2018, 5, 939-943.	3.0	20
22	Fabricating Bis(phthalocyaninato) Terbium SIM into Tetrakis(phthalocyaninato) Terbium SMM with Enhanced Performance through Sodium Coordination. Chemistry - A European Journal, 2018, 24, 8066-8070.	1.7	28
23	Isostructural lanthanide-based metalâ€“organic frameworks: structure, photoluminescence and magnetic properties. Dalton Transactions, 2018, 47, 925-934.	1.6	45
24	Rational construction of a porous lanthanide coordination polymer featuring reversible guest-dependent magnetic relaxation behavior. Inorganic Chemistry Frontiers, 2018, 5, 2875-2884.	3.0	25
25	Heteroleptic chiral bis(phthalocyaninato) terbium double-decker single-ion magnets. Inorganic Chemistry Frontiers, 2018, 5, 2006-2012.	3.0	11
26	Elucidation of the two-step relaxation processes of a tetranuclear dysprosium molecular nanomagnet through magnetic dilution. Dalton Transactions, 2018, 47, 11636-11644.	1.6	21
27	The Exploration and Analysis of the Magnetic Relaxation Behavior in Three Isostructural Cyano-Bridged 3dâ€“4f Linear Heterotrinuclear Compounds. Inorganics, 2018, 6, 36.	1.2	4
28	A neutral auxiliary ligand enhanced dysprosium(<scp>iii</scp>) single molecule magnet. Dalton Transactions, 2018, 47, 7395-7398.	1.6	3
29	Bioinspired Orientation of Î²-Substituents on Porphyrin Antenna Ligands Switches Ytterbium(III) NIR Emission with Thermosensitivity. Inorganic Chemistry, 2017, 56, 1897-1905.	1.9	31
30	Three bilindione isomers: synthesis, characterization and reactivity of biliverdin analogs. Journal of Biological Inorganic Chemistry, 2017, 22, 727-737.	1.1	4
31	Modulating Slow Magnetic Relaxation of Dysprosium Compounds through the Position of Coordinating Nitrate Group. Inorganic Chemistry, 2017, 56, 13430-13436.	1.9	22
32	Chiral six-coordinate Dy(iii) and Tb(iii) complexes of an achiral ligand: structure, fluorescence, and magnetism. Dalton Transactions, 2017, 46, 13035-13042.	1.6	28
33	A New Bis(phthalocyaninato) Terbium Single-Ion Magnet with an Overall Excellent Magnetic Performance. Inorganic Chemistry, 2017, 56, 13889-13896.	1.9	53
34	Novel bis(phthalocyaninato) rare earth complexes with the bulky and strong electron-donating dibutylamino groups: synthesis, spectroscopy, and SMM properties. Inorganic Chemistry Frontiers, 2017, 4, 1465-1471.	3.0	32
35	Construction and magnetic study of two new dysprosium complexes with chain or tetranuclear structure. CrystEngComm, 2017, 19, 4025-4032.	1.3	5
36	Assembling Dysprosium Dimer Units into a Novel Chain Featuring Slow Magnetic Relaxation via Formate Linker. Inorganic Chemistry, 2016, 55, 12904-12911.	1.9	46

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37	Tuning Slow Magnetic Relaxation in a Two-Dimensional Dysprosium Layer Compound through Guest Molecules. Inorganic Chemistry, 2016, 55, 7980-7987.	1.9	37
38	Two novel eight-connected self-penetrating porous lanthanideâ€“organic frameworks: structures, luminescence, and gas adsorption properties. CrystEngComm, 2016, 18, 8159-8163.	1.3	5
39	Constructing a Catalytic Cycle for Câ€“F to Câ€“X (X = O, S, N) Bond Transformation Based on Gold-Mediated Ligand Nucleophilic Attack. Inorganic Chemistry, 2016, 55, 2274-2283.	1.9	25
40	Slow magnetic relaxation in a novel carboxylate/oxalate/hydroxyl bridged dysprosium layer. Chemical Science, 2015, 6, 3095-3101.	3.7	158
41	Construction and theoretical study of a new Dy-Î²-diketone chain featuring slow magnetic relaxation. CrystEngComm, 2015, 17, 5620-5624.	1.3	20
42	Crystal structures and luminescent properties of new lanthanide(<scp>iii</scp>) complexes derived from 2-phenyl-4-pyrimidinecarboxylate. RSC Advances, 2015, 5, 96855-96861.	1.7	2
43	Luminescent lanthanide-2-phenylpyrimidine-carboxylate frameworks: structure and luminescence tuning. CrystEngComm, 2014, 16, 6483.	1.3	12
44	Elucidation of slow magnetic relaxation in a ferromagnetic 1D dysprosium chain through magnetic dilution. Chemical Communications, 2014, 50, 6052.	2.2	65
45	A 1D dysprosium chain with slow magnetic relaxation constructed from a pyridine-N-oxide ligand. Chemical Communications, 2014, 50, 10434.	2.2	64
46	Modulating Crystal Packing and Magnetic Properties of Nitroxide Free Radicals by Halogen Bonding. Crystal Growth and Design, 2013, 13, 3739-3745.	1.4	33
47	Novel (4,8)-connected scu coordination framework constructed by tetrakis(4-benzoic acid)ethylene. CrystEngComm, 2013, 15, 1669.	1.3	14
48	Europium Pyrimidine-4,6-dicarboxylate Framework with a Single-Crystal-to-Single-Crystal Transition and a Reversible Dehydration/Rehydration Process. Inorganic Chemistry, 2013, 52, 3582-3584.	1.9	36
49	Lanthanide-pyridyl-2,5-dicarboxylate N-oxide frameworks with rutile topology. CrystEngComm, 2012, 14, 512-518.	1.3	29
50	Phosphorescent cocrystals constructed by 1,4-diiodotetrafluorobenzene and polyaromatic hydrocarbons based on Câ€“Iâ‹¯Ï€ halogen bonding and other assisting weak interactions. CrystEngComm, 2012, 14, 5027.	1.3	106
51	Spin-canting and weak ferromagnetism in two novel 1D alternating chains with single cis-end-to-end azido bridges. Science China Chemistry, 2012, 55, 1031-1036.	4.2	1
52	Synthesis, Crystal Structure, and Optical and Photoelectrochemical Properties of a Nâˆ©O^{â^’} Rhenium(I) Complex. Organometallics, 2011, 30, 712-716.	1.1	18
53	An Organometallic Single-Ion Magnet. Journal of the American Chemical Society, 2011, 133, 4730-4733.	6.6	725
54	Aerobic Oxidation of Primary Alcohols Catalyzed by Copper Salts and Catalytically Active Î¼â€Hydroxylâ€Bridged Trinuclear Copper Intermediate. Advanced Synthesis and Catalysis, 2010, 352, 2371-2377.	2.1	31

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55	Strategies towards single-chain magnets. Coordination Chemistry Reviews, 2010, 254, 1081-1100.	9.5	533
56	Microwave-Assisted Stepwise Synthesis and Typically Metamagnetic Behavior of a Unique Two-Dimensional Net-Based Material Based on Linear Cu(II)-Azido Chains Mediated by Discrete Cu(II) Segments. Crystal Growth and Design, 2010, 10, 20-24.	1.4	51
57	A one-dimensional homochiral Mo(iv)-Cu(ii) coordination polymer: spontaneous resolution and photoresponsive properties. CrystEngComm, 2010, 12, 4045.	1.3	30
58	Unique (3,13)-Connected Coordination Framework Based on Pentacobalt Clusters Constructed from the (3,12)-Connected Analogue and 4,4â€²-Bipyridyl Spacer: Structural and Magnetic Aspects. Crystal Growth and Design, 2009, 9, 4239-4242.	1.4	54