

Tian Han

List of Publications by Year in descending order

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papers

498
citations

933447

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docs citations

15
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	A Study of Magnetic Relaxation in Dysprosium(III) Single-Molecule Magnets. Chemistry - A European Journal, 2020, 26, 5893-5902.	3.3	108
2	Uniaxial magnetic anisotropy of square-planar chromium(II) complexes revealed by magnetic and HF-EPR studies. Chemical Communications, 2015, 51, 17688-17691.	4.1	77
3	Syntheses, structures and magnetic properties of a series of mono- and di-nuclear dysprosium(III)-crown-ether complexes: effects of a weak ligand-field and flexible cyclic coordination modes. Inorganic Chemistry Frontiers, 2016, 3, 798-807.	6.0	52
4	On balancing the QTM and the direct relaxation processes in single-ion magnets – the importance of symmetry control. Inorganic Chemistry Frontiers, 2017, 4, 1141-1148.	6.0	49
5	A dichlorido-bridged dinuclear Dy(III) single-molecule magnet with an effective energy barrier larger than 600 K. Chemical Communications, 2019, 55, 7930-7933.	4.1	43
6	Exchange-Biasing in a Dinuclear Dysprosium(III) Single-Molecule Magnet with a Large Energy Barrier for Magnetisation Reversal. Chemistry - A European Journal, 2020, 26, 6773-6777.	3.3	41
7	Magnetic relaxations in four-coordinate Dy(III) complexes: effects of anionic surroundings and short Dy-O bonds. Inorganic Chemistry Frontiers, 2016, 3, 1028-1034.	6.0	34
8	Understanding a pentagonal-bipyramidal holmium(III) complex with a record energy barrier for magnetisation reversal. Chemical Communications, 2020, 56, 3979-3982.	4.1	27
9	Terbium-fluorido cluster: an energy cage for photoluminescence. Chemical Communications, 2020, 56, 9130-9133.	4.1	19
10	Magnetic Anisotropy: Structural Correlation of a Series of Chromium(II) Amidinate Complexes. Inorganic Chemistry, 2021, 60, 1344-1351.	4.0	12
11	Equatorial coordination optimization for enhanced axiality of mononuclear Dy(III) single-molecule magnets. Dalton Transactions, 2020, 49, 3222-3227.	3.3	8
12	An anionic manganese(II) metal-organic framework for uranyl adsorption. CrystEngComm, 2019, 21, 3901-3905.	2.6	7
13	Breaking the axiality of pentagonal-bipyramidal dysprosium(III) single-molecule magnets with pyrazolate ligands. Inorganic Chemistry Frontiers, 2020, 7, 4367-4376.	6.0	7
14	Constructing [Coll6] hexagon-centered heterometallic {Ln ₆ Co ₆ } (Ln = Y, Eu) Tj ETQq 0.0 rgBT /Oylock 10	6.0	7
15	Dimerized p-Semiquinone Radical Anions Stabilized by a Pair of Rare-Earth Metal Ions. Inorganic Chemistry, 2020, 59, 7371-7375.	4.0	7