

Hai-Quan Tian

List of Publications by Year in descending order

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papers

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759233

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citing authors

#	ARTICLE	IF	CITATIONS
1	Quadruple-CO ₃ ²⁺ -bridged octanuclear dysprosium(III) compound showing single-molecule magnet behaviour. <i>Chemical Communications</i> , 2012, 48, 708-710.	4.1	128
2	Hexanuclear Dysprosium(III) Compound Incorporating Vertex- and Edge-Sharing Dy ₃ Triangles Exhibiting Single-Molecule-Magnet Behavior. <i>Inorganic Chemistry</i> , 2011, 50, 8688-8690.	4.0	81
3	A Discrete Dysprosium Trigonal Prism Showing Single-Molecule Magnet Behaviour. <i>Chemistry - A European Journal</i> , 2012, 18, 442-445.	3.3	80
4	Reversible ON ⁺ OFF switching of single-molecule-magnetism associated with single-crystal-to-single-crystal structural transformation of a decanuclear dysprosium phosphonate. <i>Chemical Science</i> , 2018, 9, 6424-6433.	7.4	54
5	Cyclic single-molecule magnets: from the odd-numbered heptanuclear to a dimer of heptanuclear dysprosium clusters. <i>Chemical Communications</i> , 2016, 52, 2314-2317.	4.1	41
6	Consecutive one-/two-step relaxation transformations of single-molecule magnets via coupling dinuclear dysprosium compounds with chloride bridges. <i>Chemical Communications</i> , 2018, 54, 12105-12108.	4.1	32
7	Butterfly-Shaped Pentanuclear Dysprosium Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2013, 19, 13235-13241.	3.3	31
8	Exploiting Miraculous Atmospheric CO ₂ Fixation in the Design of Dysprosium Single-Molecule Magnets. <i>Crystal Growth and Design</i> , 2018, 18, 1173-1181.	3.0	22
9	Exchange Interactions Switch Tunneling: A Comparative Experimental and Theoretical Study on Relaxation Dynamics by Targeted Metal Ion Replacement. <i>Chemistry - A European Journal</i> , 2018, 24, 9928-9939.	3.3	21
10	Cyclic Lanthanide-based Molecular Clusters: Assembly and Single Molecule Magnet Behavior. <i>Acta Chimica Sinica</i> , 2020, 78, 34.	1.4	19
11	Enlarging the ring by incorporating a phosphonate coligand: from the cyclic hexanuclear to octanuclear dysprosium clusters. <i>Dalton Transactions</i> , 2015, 44, 14208-14212.	3.3	15
12	Investigating the effect of lanthanide radius and diamagnetic linkers on the framework of metallacrown complexes. <i>Dalton Transactions</i> , 2020, 49, 1955-1962.	3.3	15
13	Proton conduction studies on four porous and nonporous coordination polymers with different acidities and water uptake. <i>CrystEngComm</i> , 2020, 22, 6935-6946.	2.6	13
14	Cyclic Single-Molecule Magnets: From Even-Numbered Hexanuclear to Odd-Numbered Heptanuclear Dysprosium Clusters. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3184-3190.	2.0	12
15	Ring-forming transformation associated with hydrazone changes of hexadecanuclear dysprosium phosphonates. <i>Dalton Transactions</i> , 2021, 50, 1119-1125.	3.3	10
16	Controlling the Crystal Field of Heteroleptic Bis(phthalocyaninato) Erbium for Field-Induced Magnetic Relaxation. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2940-2946.	2.0	9
17	Three new heterometallic Zn ^{II} -Ln ^{III} complexes with a windmill-like framework and field-induced SMM behavior. <i>New Journal of Chemistry</i> , 2020, 44, 2555-2560.	2.8	8
18	3d-4f Metallacrown complexes with a new sandwich core: synthesis, structures and single molecule magnet behavior. <i>New Journal of Chemistry</i> , 2020, 44, 14145-14150.	2.8	3

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19	Halogen Bond Mediated Self-Assembly of Mononuclear Lanthanide Complexes: Perception of Supramolecular Interactions, Slow Magnetic Relaxation, and Photoluminescence Properties. <i>Inorganic Chemistry</i> , 0, , .	4.0	3
20	Two nickel(II) complexes exhibiting "fused" 9-MC-3 and 12-MC-4 metallocrowns. <i>Transition Metal Chemistry</i> , 2021, 46, 503-508.	1.4	1
21	A quasilinear hydrazone-based mononuclear dysprosium compound with C _{4v} symmetry exhibiting field-induced complex magnetic relaxation. <i>New Journal of Chemistry</i> , 2021, 45, 21708-21715.	2.8	1
22	A family of 1D coordination polymers based on Ln ^{III} -Cu 15-metallocrown-5 units with two topological sorting: syntheses, structures, and single-chain magnet behaviour. <i>Transition Metal Chemistry</i> , 2022, 47, 139-146.	1.4	1
23	Cube-like 12-MC ⁴ and Offset Stacked 10-MC ³ Metallocrowns: Synthesis, Structure, and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 740-744.	1.2	0
24	Modulating the relaxation dynamics of the Na ₂ Mn ₃ system <i>via</i> an auxiliary anion change. <i>Dalton Transactions</i> , 2021, 50, 14774-14781.	3.3	0
25	Design of Dinuclear Lanthanide Complexes from N ₂ O ₂ Donor Ligand for Single Molecule Magnets: Crystalline Architecture and Slow Magnetic Relaxation Studies. <i>ChemistrySelect</i> , 2022, 7, .	1.5	0