

Hai-Quan Tian

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Design of Dinuclear Lanthanide Complexes from N ₂ O ₂ Donor Ligand for Single Molecule Magnets: Crystalline Architecture and Slow Magnetic Relaxation Studies. ChemistrySelect, 2022, 7, .	1.5	0
2	A family of 1D coordination polymers based on Ln–Cu 15-metallacrown-5 units with two topological sorting: syntheses, structures, and single-chain magnet behaviour. Transition Metal Chemistry, 2022, 47, 139-146.	1.4	1
3	Ring-forming transformation associated with hydrazone changes of hexadecanuclear dysprosium phosphonates. Dalton Transactions, 2021, 50, 1119-1125.	3.3	10
4	Two nickel(II) complexes exhibiting "fused" 9-MC-3 and 12-MC-4 metallacrowns. Transition Metal Chemistry, 2021, 46, 503-508.	1.4	1
5	Modulating the relaxation dynamics of the Na ₂ Mn ₃ system <i>via</i> an auxiliary anion change. Dalton Transactions, 2021, 50, 14774-14781.	3.3	0
6	A quasilinear hydrazone-based mononuclear dysprosium compound with C _{4v} symmetry exhibiting field-induced complex magnetic relaxation. New Journal of Chemistry, 2021, 45, 21708-21715.	2.8	1
7	Investigating the effect of lanthanide radius and diamagnetic linkers on the framework of metallacrown complexes. Dalton Transactions, 2020, 49, 1955-1962.	3.3	15
8	3d–4f Metallacrown complexes with a new sandwich core: synthesis, structures and single molecule magnet behavior. New Journal of Chemistry, 2020, 44, 14145-14150.	2.8	3
9	Proton conduction studies on four porous and nonporous coordination polymers with different acidities and water uptake. CrystEngComm, 2020, 22, 6935-6946.	2.6	13
10	Three new heterometallic Zn ^{II} –Ln ^{III} complexes with a windmill-like framework and field-induced SMM behavior. New Journal of Chemistry, 2020, 44, 2555-2560.	2.8	8
11	Cyclic Lanthanide-based Molecular Clusters: Assembly and Single Molecule Magnet Behavior. Acta Chimica Sinica, 2020, 78, 34.	1.4	19
12	Controlling the Crystal Field of Heteroleptic Bis(phthalocyaninato) Erbium for Field-Induced Magnetic Relaxation. European Journal of Inorganic Chemistry, 2019, 2019, 2940-2946.	2.0	9
13	Cube-like 12-MC ₄ and Offset Stacked 10-MC ₃ Metallacrowns: Synthesis, Structure, and Magnetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 740-744.	1.2	0
14	Exploiting Miraculous Atmospheric CO ₂ Fixation in the Design of Dysprosium Single-Molecule Magnets. Crystal Growth and Design, 2018, 18, 1173-1181.	3.0	22
15	Exchange Interactions Switch Tunneling: A Comparative Experimental and Theoretical Study on Relaxation Dynamics by Targeted Metal Ion Replacement. Chemistry - A European Journal, 2018, 24, 9928-9939.	3.3	21
16	Consecutive one-/two-step relaxation transformations of single-molecule magnets <i>via</i> coupling dinuclear dysprosium compounds with chloride bridges. Chemical Communications, 2018, 54, 12105-12108.	4.1	32
17	Reversible ON–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
18	Cyclic Single-Molecule Magnets: From Even-Numbered Hexanuclear to Odd-Numbered Heptanuclear Dysprosium Clusters. European Journal of Inorganic Chemistry, 2016, 2016, 3184-3190.	2.0	12

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19	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
20	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
21	Butterfly-Shaped Pentanuclear Dysprosium Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2013, 19, 13235-13241.	3.3	31
22	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
23	A Discrete Dysprosium Trigonal Prism Showing Single-Molecule Magnet Behaviour. <i>Chemistry - A European Journal</i> , 2012, 18, 442-445.	3.3	80
24	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
25	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