

Po-Heng Lin

List of Publications by Year in descending order

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26
papers

2,748
citations

430442

18
h-index

500791

28
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all docs

28
docs citations

28
times ranked

1946
citing authors

#	ARTICLE	IF	CITATIONS
1	A Polynuclear Lanthanide Single-Molecule Magnet with a Record Anisotropic Barrier. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9489-9492.	7.2	557
2	Single-Molecule Magnet Behavior for an Antiferromagnetically Superexchange-Coupled Dinuclear Dysprosium(III) Complex. <i>Journal of the American Chemical Society</i> , 2011, 133, 5319-5328.	6.6	541
3	Dinuclear Dysprosium(III) Single-Molecule Magnets with a Large Anisotropic Barrier. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8848-8851.	7.2	502
4	Importance of Out-of-State Spin-Orbit Coupling for Slow Magnetic Relaxation in Mononuclear Fe ^{II} Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 15806-15809.	6.6	202
5	Supramolecular architectures for controlling slow magnetic relaxation in field-induced single-molecule magnets. <i>Chemical Science</i> , 2012, 3, 2158.	3.7	155
6	An unsymmetrical coordination environment leading to two slow relaxation modes in a Dy ² single-molecule magnet. <i>Chemical Communications</i> , 2011, 47, 10993.	2.2	154
7	Ytterbium can relax slowly too: a field-induced Yb ² single-molecule magnet. <i>Dalton Transactions</i> , 2012, 41, 12349.	1.6	73
8	Investigations of the Effect of the Non-Manganese Metal in Heterometallic-Oxido Cluster Models of the Oxygen Evolving Complex of Photosystem II: Lanthanides as Substitutes for Calcium. <i>Inorganic Chemistry</i> , 2015, 54, 59-64.	1.9	69
9	A Rare $\frac{1}{4}$ -Centred Dy ₄ Tetrahedron with Coordination-Induced Local Chirality and Single-Molecule Magnet Behaviour. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1535-1539.	1.0	65
10	Connecting single-ion magnets through ligand dimerisation. <i>Dalton Transactions</i> , 2012, 41, 13649.	1.6	34
11	Synthesis, characterisation and computational studies on a novel one-dimensional arrangement of Schiff-base Mn ₃ single-molecule magnet. <i>Dalton Transactions</i> , 2010, 39, 7650.	1.6	31
12	Fluorescent dialdehyde ligand for the encapsulation of dinuclear luminescent lanthanide complexes. <i>Dalton Transactions</i> , 2010, 39, 5698.	1.6	28
13	A propeller-shaped $\frac{1}{4}$ -carbonate hexanuclear dysprosium complex with a high energetic barrier to magnetisation relaxation. <i>Dalton Transactions</i> , 2016, 45, 16769-16773.	1.6	24
14	Copolymerization of carbon dioxide with cyclohexene oxide catalyzed by bimetallic dysprosium complexes containing hydrazine-functionalized Schiff-base derivatives. <i>Journal of Polymer Science Part A</i> , 2017, 55, 321-328.	2.5	22
15	Influence of Energy Barriers in Triangular Dysprosium Single-Molecule Magnets through Different Substitutions on a Nitrophenolate-Type Coligand. <i>Inorganic Chemistry</i> , 2018, 57, 12448-12451.	1.9	21
16	Effect of the Mn Oxidation State on Single-Molecule-Magnet Properties: Mn ^{III} vs Mn ^{IV} in Biologically Inspired DyMn ₃ O ₄ Cubanes. <i>Inorganic Chemistry</i> , 2016, 55, 6095-6099.	1.9	19
17	Slight synthetic changes eliciting different topologies: synthesis, structure and magnetic properties of novel dinuclear and nonanuclear dysprosium complexes. <i>Dalton Transactions</i> , 2015, 44, 19758-19762.	1.6	15
18	Structurally diverse dysprosium and yttrium complexes containing an amine-bis(benzotriazole) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 <i>Chimica Acta</i> , 2016, 450, 411-417.	1.2	15

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19	[Ln ₁₆] complexes (Ln = Gd ^{III} , Dy ^{III}): molecular analogues of natural minerals such as hydroxalcite. Dalton Transactions, 2018, 47, 12847-12851.	1.6	10
20	A Dinuclear Dysprosium Complex as an Air-Stable and Recyclable Catalyst: Applications in the Deacetylation of Carbohydrate, Aliphatic, and Aromatic Molecules. Chemistry - an Asian Journal, 2019, 14, 627-633.	1.7	10
21	Significant enhancement of catalytic properties in mononuclear yttrium complexes by nitrophenolate-type ligands: Synthesis, structure, and catalysis for lactide polymerization. Journal of Polymer Science Part A, 2019, 57, 2038-2047.	2.5	7
22	Mononuclear and trinuclear Dy ^{III} SMMs with Schiff-base ligands modified by nitro-groups: first triangular complex with a N-N pathway. Dalton Transactions, 2019, 48, 17331-17339.	1.6	7
23	Heterocyclic-Additive-Activated Dinuclear Dysprosium Electrocatalysts for Heterogeneous Water Oxidation. Inorganic Chemistry, 2021, 60, 6930-6938.	1.9	5
24	Synthesis, structures and magnetic properties of dysprosium(ⁱⁱⁱ) complexes based on amino-bis(benzotriazole phenolate) and nitrophenolates: influence over the slow relaxation of the magnetization. CrystEngComm, 2021, 23, 8343-8350.	1.3	5
25	Alternate Synthetic Pathway Leading to Isolation of a Dinuclear Single-Molecule Magnet. European Journal of Inorganic Chemistry, 2018, 2018, 3397-3401.	1.0	3
26	Self-assembled lanthanide-based helices: synthetic control of the helical handedness by chirality of the ligand. Dalton Transactions, 2021, 51, 69-73.	1.6	3