

# Po-Heng Lin

## List of Publications by Year in descending order

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26  
papers

2,748  
citations

430442

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500791

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docs citations

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times ranked

1946  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterocyclic-Additive-Activated Dinuclear Dysprosium Electrocatalysts for Heterogeneous Water Oxidation. <i>Inorganic Chemistry</i> , 2021, 60, 6930-6938.	1.9	5
2	Synthesis, structures and magnetic properties of dysprosium( $\text{III}$ ) complexes based on amino-bis(benzotriazole phenolate) and nitrophenolates: influence over the slow relaxation of the magnetization. <i>CrystEngComm</i> , 2021, 23, 8343-8350.	1.3	5
3	Self-assembled lanthanide-based helices: synthetic control of the helical handedness by chirality of the ligand. <i>Dalton Transactions</i> , 2021, 51, 69-73.	1.6	3
4	Significant enhancement of catalytic properties in mononuclear yttrium complexes by nitrophenolate-type ligands: Synthesis, structure, and catalysis for lactide polymerization. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2038-2047.	2.5	7
5	Mononuclear and trinuclear $\text{Dy}^{\text{III}}$ SMMs with Schiff-base ligands modified by nitro-groups: first triangular complex with a $\text{N}^{\text{C}}\text{N}$ pathway. <i>Dalton Transactions</i> , 2019, 48, 17331-17339.	1.6	7
6	A Dinuclear Dysprosium Complex as an Air-Stable and Recyclable Catalyst: Applications in the Deacetylation of Carbohydrate, Aliphatic, and Aromatic Molecules. <i>Chemistry - an Asian Journal</i> , 2019, 14, 627-633.	1.7	10
7	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
8	$[\text{Ln}^{\text{III}}]_{16}$ complexes (Ln = $\text{Gd}^{\text{III}}$ , $\text{Dy}^{\text{III}}$ ): molecular analogues of natural minerals such as hydrotalcite. <i>Dalton Transactions</i> , 2018, 47, 12847-12851.	1.6	10
9	Alternate Synthetic Pathway Leading to Isolation of a Dinuclear Single-Molecule Magnet. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3397-3401.	1.0	3
10	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
11	A propeller-shaped $\text{Dy}_4$ -carbonate hexanuclear dysprosium complex with a high energetic barrier to magnetisation relaxation. <i>Dalton Transactions</i> , 2016, 45, 16769-16773.	1.6	24
12	Effect of the Mn Oxidation State on Single-Molecule-Magnet Properties: $\text{Mn}^{\text{III}}$ vs $\text{Mn}^{\text{IV}}$ in Biologically Inspired $\text{DyMn}_3\text{O}_4$ Cubanes. <i>Inorganic Chemistry</i> , 2016, 55, 6095-6099.	1.9	19
13	Structurally diverse dysprosium and yttrium complexes containing an amine-bis(benzotriazole) ligand. <i>Chemical Communications</i> , 2016, 2016, 10784-10786. <i>Chimica Acta</i> , 2016, 450, 411-417.	1.2	15
14	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
15	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
16	Ytterbium can relax slowly too: a field-induced $\text{Yb}_2$ single-molecule magnet. <i>Dalton Transactions</i> , 2012, 41, 12349.	1.6	73
17	Connecting single-ion magnets through ligand dimerisation. <i>Dalton Transactions</i> , 2012, 41, 13649.	1.6	34
18	Supramolecular architectures for controlling slow magnetic relaxation in field-induced single-molecule magnets. <i>Chemical Science</i> , 2012, 3, 2158.	3.7	155

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19	An unsymmetrical coordination environment leading to two slow relaxation modes in a Dy <sub>2</sub> single-molecule magnet. <i>Chemical Communications</i> , 2011, 47, 10993.	2.2	154
20	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
21	Importance of Out-of-State Spin-Orbit Coupling for Slow Magnetic Relaxation in Mononuclear Fe <sup>II</sup> Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 15806-15809.	6.6	202
22	A Rare $\frac{1}{4}$ -Centred Dy <sub>4</sub> 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
23	Synthesis, characterisation and computational studies on a novel one-dimensional arrangement of Schiff-base Mn <sub>3</sub> single-molecule magnet. <i>Dalton Transactions</i> , 2010, 39, 7650.	1.6	31
24	Fluorescent dialdehyde ligand for the encapsulation of dinuclear luminescent lanthanide complexes. <i>Dalton Transactions</i> , 2010, 39, 5698.	1.6	28
25	A Polynuclear Lanthanide Single-Molecule Magnet with a Record Anisotropic Barrier. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9489-9492.	7.2	557
26	Dinuclear Dysprosium(III) Single-Molecule Magnets with a Large Anisotropic Barrier. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8848-8851.	7.2	502