Agnes E Thorarinsdottir

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2097259/publications.pdf

Version: 2024-02-01

17	721	840776 11	888059 17
papers	citations	h-index	g-index

17	17	17	1043
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metalâ€“Organic Framework Magnets. Chemical Reviews, 2020, 120, 8716-8789.	47.7	369
2	Spin-crossover and high-spin iron(<scp>ii</scp>) complexes as chemical shift¹⁹F magnetic resonance thermometers. Chemical Science, 2017, 8, 2448-2456.	7.4	61
3	Ratiometric pH Imaging with a Co^{II}₂ MRI Probe via CEST Effects of Opposing pH Dependences. Journal of the American Chemical Society, 2017, 139, 15836-15847.	13.7	48
4	Self-healing oxygen evolution catalysts. Nature Communications, 2022, 13, 1243.	12.8	46
5	pH-Dependent spin state population and ¹⁹F NMR chemical shift via remote ligand protonation in an iron(<scp>ii</scp>) complex. Chemical Communications, 2017, 53, 12962-12965.	4.1	32
6	Impactful Role of Cocatalysts on Molecular Electrocatalytic Hydrogen Production. ACS Catalysis, 2021, 11, 4561-4567.	11.2	26
7	Strong Ï€-Backbonding Enables Record Magnetic Exchange Coupling Through Cyanide. Journal of the American Chemical Society, 2019, 141, 17092-17097.	13.7	21
8	Direct Seawater Splitting by Forward Osmosis Coupled to Water Electrolysis. ACS Applied Energy Materials, 2022, 5, 1403-1408.	5.1	18
9	Building a Sustainable Student-Led Model To Promote Research Safety in Academic Laboratories. ACS Central Science, 2019, 5, 1900-1903.	11.3	16
10	Energy catalysis needs ligands with high oxidative stability. Chem Catalysis, 2021, 1, 32-43.	6.1	16
11	Insensitivity of Magnetic Coupling to Ligand Substitution in a Series of Tetraoxolene Radical-Bridged Fe2 Complexes. Inorganic Chemistry, 2020, 59, 4634-4649.	4.0	14
12	Selective Binding and Quantitation of Calcium with a Cobalt-Based Magnetic Resonance Probe. Journal of the American Chemical Society, 2019, 141, 7163-7172.	13.7	13
13	Electronic Effects of Ligand Substitution in a Family of Co^{II}₂ PARACEST pH Probes. Inorganic Chemistry, 2018, 57, 11252-11263.	4.0	11
14	Dramatic enhancement in pH sensitivity and signal intensity through ligand modification of a dicobalt PARACEST probe. Chemical Communications, 2019, 55, 794-797.	4.1	11
15	Strong Magnetocrystalline Anisotropy Arising from Metalâ€“Ligand Covalency in a Metalâ€“Organic Candidate for 2D Magnetic Order. Chemistry of Materials, 2021, 33, 8712-8721.	6.7	8
16	p-Block Metal Oxide Noninnocence in the Oxygen Evolution Reaction in Acid: The Case of Bismuth Oxide. Chemistry of Materials, 2022, 34, 826-835.	6.7	8
17	Chemical Challenges that the Peroxide Dianion Presents to Rechargeable Lithiumâ€“Air Batteries. Chemistry of Materials, 2022, 34, 3883-3892.	6.7	3