

# Agnes E Thorarinsdottir

## List of Publications by Year in descending order

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17  
papers

721  
citations

840776

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888059

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docs citations

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times ranked

1043  
citing authors

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