Kate M Waldie

List of Publications by Year
in descending order

10 papers	431 citations	1040056 9 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	679 citing authors

#	Article	IF	Citations
1	Insights into Formate Oxidation by a Series of Cobalt Piano-Stool Complexes Supported by Bis(phosphino)amine Ligands. Inorganic Chemistry, 2021, 60, 7372-7380.	4.0	3
2	Molecular Electrocatalysts for Alcohol Oxidation: Insights and Challenges for Catalyst Design. ACS Applied Energy Materials, 2020, 3, 38-46.	5.1	22
3	Hydricity of Transition-Metal Hydrides: Thermodynamic Considerations for CO₂ Reduction. ACS Catalysis, 2018, 8, 1313-1324.	11.2	171
4	Transition Metal Hydride Catalysts for Sustainable Interconversion of CO₂ and Formate: Thermodynamic and Mechanistic Considerations. ACS Sustainable Chemistry and Engineering, 2018, 6, 6841-6848.	6.7	49
5	Protonation of a Cobalt Phenylazopyridine Complex at the Ligand Yields a Proton, Hydride, and Hydrogen Atom Transfer Reagent. Journal of the American Chemical Society, 2018, 140, 13233-13241.	13.7	18
6	Utilization of Thermodynamic Scaling Relationships in Hydricity To Develop Nickel Hydrogen Evolution Reaction Electrocatalysts with Weak Acids and Low Overpotentials. ACS Catalysis, 2018, 8, 9596-9603.	11.2	31
7	Multielectron Transfer at Cobalt: Influence of the Phenylazopyridine Ligand. Journal of the American Chemical Society, 2017, 139, 4540-4550.	13.7	34
8	Cyclopentadienyl Cobalt Complexes as Precatalysts for Electrocatalytic Hydrogen Evolution. European Journal of Inorganic Chemistry, 2017, 2017, 2755-2761.	2.0	13
9	Electrocatalytic Alcohol Oxidation with Ruthenium Transfer Hydrogenation Catalysts. Journal of the American Chemical Society, 2017, 139, 738-748.	13.7	48
10	Experimental and Theoretical Study of CO₂ Insertion into Ruthenium Hydride Complexes. Inorganic Chemistry, 2016, 55, 1623-1632.	4.0	42