

Kate M Waldie

List of Publications by Year in descending order

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papers

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citations

1040056

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10
docs citations

10
times ranked

679
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydricity of Transition-Metal Hydrides: Thermodynamic Considerations for CO ₂ Reduction. ACS Catalysis, 2018, 8, 1313-1324.	11.2	171
2	Transition Metal Hydride Catalysts for Sustainable Interconversion of CO ₂ and Formate: Thermodynamic and Mechanistic Considerations. ACS Sustainable Chemistry and Engineering, 2018, 6, 6841-6848.	6.7	49
3	Electrocatalytic Alcohol Oxidation with Ruthenium Transfer Hydrogenation Catalysts. Journal of the American Chemical Society, 2017, 139, 738-748.	13.7	48
4	Experimental and Theoretical Study of CO ₂ Insertion into Ruthenium Hydride Complexes. Inorganic Chemistry, 2016, 55, 1623-1632.	4.0	42
5	Multielectron Transfer at Cobalt: Influence of the Phenylazopyridine Ligand. Journal of the American Chemical Society, 2017, 139, 4540-4550.	13.7	34
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	Molecular Electrocatalysts for Alcohol Oxidation: Insights and Challenges for Catalyst Design. ACS Applied Energy Materials, 2020, 3, 38-46.	5.1	22
8	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
9	Cyclopentadienyl Cobalt Complexes as Precatalysts for Electrocatalytic Hydrogen Evolution. European Journal of Inorganic Chemistry, 2017, 2017, 2755-2761.	2.0	13
10	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