Jamie D Holladay

List of Publications by Year
in descending order

12 papers	1,500 citations	933447 10 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	1950 citing authors

#	Article	IF	Citations
1	Methanol Steam Reforming for Hydrogen Production. Chemical Reviews, 2007, 107, 3992-4021.	47.7	919
2	Electrocatalytic Hydrogenation of Biomass-Derived Organics: A Review. Chemical Reviews, 2020, 120, 11370-11419.	47.7	185
3	Hydrogenation of benzaldehyde via electrocatalysis and thermal catalysis on carbon-supported metals. Journal of Catalysis, 2018, 359, 68-75.	6.2	116
4	Understanding the Role of Metal and Molecular Structure on the Electrocatalytic Hydrogenation of Oxygenated Organic Compounds. ACS Catalysis, 2019, 9, 9964-9972.	11.2	81
5	Performance of Base and Noble Metals for Electrocatalytic Hydrogenation of Bio-Oil-Derived Oxygenated Compounds. ACS Sustainable Chemistry and Engineering, 2020, 8, 4407-4418.	6.7	65
6	Hydrogen Bonding Enhances the Electrochemical Hydrogenation of Benzaldehyde in the Aqueous Phase. Angewandte Chemie - International Edition, 2021, 60, 290-296.	13.8	40
7	Anodic electrocatalytic conversion of carboxylic acids on thin films of RuO2, IrO2, and Pt. Applied Catalysis B: Environmental, 2020, 277, 119277.	20.2	27
8	Electrocatalytic decarboxylation of carboxylic acids over RuO2 and Pt nanoparticles. Applied Catalysis B: Environmental, 2022, 305, 121060.	20.2	18
9	Counting surface redox sites in carbon-supported electrocatalysts by cathodic stripping of O deposited from N2O. Journal of Catalysis, 2018, 365, 405-410.	6.2	14
10	Anode-Boosted Electrolysis in Electrochemical Upgrading of Bio-oils and in the Production of H_2. Energy & Fuels, 2020, 34, 1162-1165.	5.1	12
11	Hydrogen Bonding Enhances the Electrochemical Hydrogenation of Benzaldehyde in the Aqueous Phase. Angewandte Chemie, 2021, 133, 294-300.	2.0	12
12	Electrocatalytic valorization into H2 and hydrocarbons of an aqueous stream derived from hydrothermal liquefaction. Journal of Applied Electrochemistry, 2021, 51, 107-118.	2.9	11