

Jeremy T Feaster

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,882
citations

840585

11
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

2598
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Understanding Selectivity for the Electrochemical Reduction of Carbon Dioxide to Formic Acid and Carbon Monoxide on Metal Electrodes. ACS Catalysis, 2017, 7, 4822-4827. | 5.5 | 637 |
| 2 | Improved CO ₂ reduction activity towards C ₂ + alcohols on a tandem gold on copper electrocatalyst. Nature Catalysis, 2018, 1, 764-771. | 16.1 | 501 |
| 3 | Gas diffusion electrodes, reactor designs and key metrics of low-temperature CO ₂ electrolyzers. Nature Energy, 2022, 7, 130-143. | 19.8 | 237 |
| 4 | Oxidation State and Surface Reconstruction of Cu under CO ₂ Reduction Conditions from <i>In Situ</i> X-ray Characterization. Journal of the American Chemical Society, 2021, 143, 588-592. | 6.6 | 172 |
| 5 | Synthesis of thin film AuPd alloys and their investigation for electrocatalytic CO ₂ reduction. Journal of Materials Chemistry A, 2015, 3, 20185-20194. | 5.2 | 116 |
| 6 | Understanding the Influence of [EMIM]Cl on the Suppression of the Hydrogen Evolution Reaction on Transition Metal Electrodes. Langmuir, 2017, 33, 9464-9471. | 1.6 | 50 |
| 7 | Advanced manufacturing for electrosynthesis of fuels and chemicals from CO ₂ . Energy and Environmental Science, 2021, 14, 3064-3074. | 15.6 | 50 |
| 8 | Carbon Dioxide Electroreduction using a Silver-Zinc Alloy. Energy Technology, 2017, 5, 955-961. | 1.8 | 45 |
| 9 | Electrochemical flow cell enabling <i>operando</i> probing of electrocatalyst surfaces by X-ray spectroscopy and diffraction. Physical Chemistry Chemical Physics, 2019, 21, 5402-5408. | 1.3 | 38 |
| 10 | Three-Dimensional Printed MoS ₂ /Graphene Aerogel Electrodes for Hydrogen Evolution Reactions. ACS Materials Au, 2022, 2, 596-601. | 2.6 | 16 |
| 11 | Dynamics and Hysteresis of Hydrogen Intercalation and Deintercalation in Palladium Electrodes: A Multimodal <i>In Situ</i> X-ray Diffraction, Coulometry, and Computational Study. Chemistry of Materials, 2021, 33, 5872-5884. | 3.2 | 11 |
| 12 | Comparative Techno-Economic and Life Cycle Analysis of Water Oxidation and Hydrogen Oxidation at the Anode in a CO ₂ Electrolysis to Ethylene System. ACS Sustainable Chemistry and Engineering, 2021, 9, 14678-14689. | 3.2 | 9 |