

Alan T Landers

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

984
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

1837
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of Stabilizing Calcium Battery Electrolytes through Salt-Directed Coordination Change. <i>Journal of Physical Chemistry C</i> , 2022, 126, 10335-10345.	3.1	9
2	A refraction correction for buried interfaces applied to <i>in situ</i> grazing-incidence X-ray diffraction studies on Pd electrodes. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 919-923.	2.4	6
3	Dynamics and Hysteresis of Hydrogen Intercalation and Deintercalation in Palladium Electrodes: A Multimodal <i>In Situ</i> X-ray Diffraction, Coulometry, and Computational Study. <i>Chemistry of Materials</i> , 2021, 33, 5872-5884.	6.7	11
4	Oxidation State and Surface Reconstruction of Cu under CO ₂ Reduction Conditions from <i>In Situ</i> X-ray Characterization. <i>Journal of the American Chemical Society</i> , 2021, 143, 588-592.	13.7	172
5	Direct Characterization of Atomically Dispersed Catalysts: Nitrogen-Coordinated Ni Sites in Carbon-Based Materials for CO ₂ Electroreduction. <i>Advanced Energy Materials</i> , 2020, 10, 2001836.	19.5	46
6	Enhanced Oxygen Reduction Activity on Silver-Palladium Alloyed Thin Film Electrocatalysts in Alkaline Media. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 2397-2397.	0.0	0
7	Absence of Oxidized Phases in Cu under CO Reduction Conditions. <i>ACS Energy Letters</i> , 2019, 4, 803-804.	17.4	97
8	Electrochemical flow cell enabling <i>operando</i> probing of electrocatalyst surfaces by X-ray spectroscopy and diffraction. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 5402-5408.	2.8	38
9	Guiding Electrochemical Carbon Dioxide Reduction toward Carbonyls Using Copper Silver Thin Films with Interphase Miscibility. <i>ACS Energy Letters</i> , 2018, 3, 2947-2955.	17.4	75
10	The Predominance of Hydrogen Evolution on Transition Metal Sulfides and Phosphides under CO ₂ Reduction Conditions: An Experimental and Theoretical Study. <i>ACS Energy Letters</i> , 2018, 3, 1450-1457.	17.4	66
11	Standards and Protocols for Data Acquisition and Reporting for Studies of the Electrochemical Reduction of Carbon Dioxide. <i>ACS Catalysis</i> , 2018, 8, 6560-6570.	11.2	250
12	An electrodeposited inhomogeneous metal-insulator-semiconductor junction for efficient photoelectrochemical water oxidation. <i>Nature Materials</i> , 2015, 14, 1150-1155.	27.5	214