

Tobias A Kistler

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

145
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploiting heat transfer to achieve efficient photoelectrochemical CO ₂ reduction under light concentration. <i>Energy and Environmental Science</i> , 2022, 15, 2061-2070.	30.8	12
2	Monolithic Photoelectrochemical CO ₂ Reduction Producing Syngas at 10% Efficiency. <i>Advanced Energy Materials</i> , 2021, 11, 2100070.	19.5	29
3	Emergent Degradation Phenomena Demonstrated on Resilient, Flexible, and Scalable Integrated Photoelectrochemical Cells. <i>Advanced Energy Materials</i> , 2020, 10, 2002706.	19.5	8
4	Supported Oxygen Evolution Catalysts by Design: Toward Lower Precious Metal Loading and Improved Conductivity in Proton Exchange Membrane Water Electrolyzers. <i>ACS Catalysis</i> , 2020, 10, 13125-13135.	11.2	33
5	Water Splitting: Emergent Degradation Phenomena Demonstrated on Resilient, Flexible, and Scalable Integrated Photoelectrochemical Cells (<i>Adv. Energy Mater.</i> 48/2020). <i>Advanced Energy Materials</i> , 2020, 10, 2070197.	19.5	0
6	Current loss analysis in photoelectrochemical devices. <i>APL Materials</i> , 2020, 8, 031107.	5.1	3
7	Stable Photoelectrochemical Hydrogen Evolution for 1000 h at 14% Efficiency in a Monolithic Vapor-fed Device. <i>Journal of the Electrochemical Society</i> , 2020, 167, 066502.	2.9	19
8	Stable Photoelectrochemical Hydrogen Evolution for 1000 Hours at 14% Efficiency in a Monolithic Device. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 1775-1775.	0.0	0
9	Editors' Choice—A Monolithic Photoelectrochemical Device Evolving Hydrogen in Pure Water. <i>Journal of the Electrochemical Society</i> , 2019, 166, H656-H661.	2.9	16
10	Integrated Membrane-Electrode-Assembly Photoelectrochemical Cell under Various Feed Conditions for Solar Water Splitting. <i>Journal of the Electrochemical Society</i> , 2019, 166, H3020-H3028.	2.9	25