

Mohammadreza Esmailirad

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

224
citations

1478505

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1474206

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g-index

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docs citations

10
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying Catalytic Active Sites of Trimolybdenum Phosphide (Mo ₃ P) for Electrochemical Hydrogen Evolution. <i>Advanced Energy Materials</i> , 2019, 9, 1900516.	19.5	47
2	Kinetically Stable Oxide Overlayers on Mo ₃ P Nanoparticles Enabling Lithium-Air Batteries with Low Overpotentials and Long Cycle Life. <i>Advanced Materials</i> , 2020, 32, e2004028.	21.0	42
3	Gold-like activity copper-like selectivity of heteroatomic transition metal carbides for electrocatalytic carbon dioxide reduction reaction. <i>Nature Communications</i> , 2021, 12, 5067.	12.8	40
4	Highly Efficient Solar-Driven Carbon Dioxide Reduction on Molybdenum Disulfide Catalyst Using Choline Chloride-Based Electrolyte. <i>Advanced Energy Materials</i> , 2019, 9, 1803536.	19.5	34
5	Oxidation of toluene in humid air by metal oxides supported on γ -alumina. <i>Journal of Hazardous Materials</i> , 2017, 333, 293-307.	12.4	27
6	Oxygen Functionalized Copper Nanoparticles for Solar-Driven Conversion of Carbon Dioxide to Methane. <i>ACS Nano</i> , 2020, 14, 2099-2108.	14.6	21
7	Efficient electrocatalytic conversion of CO ₂ to ethanol enabled by imidazolium-functionalized ionomer confined molybdenum phosphide. <i>Applied Catalysis B: Environmental</i> , 2022, 317, 121681.	20.2	6
8	Electroreduction of Carbon Dioxide to Methane Enabled By Molybdenum Carbide Nanocatalyst. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3234-3234.	0.0	1