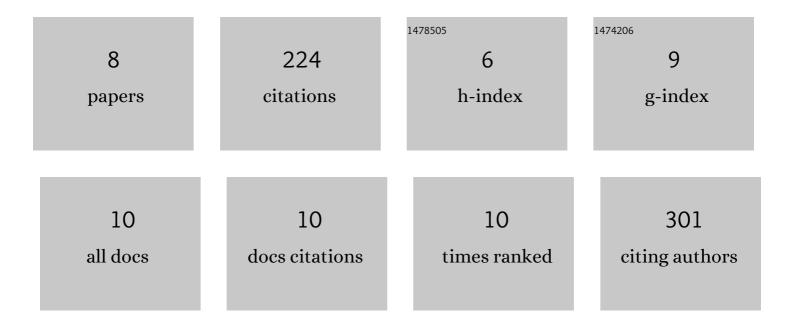
Mohammadreza Esmaeilirad

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Identifying Catalytic Active Sites of Trimolybdenum Phosphide (Mo ₃ P) for Electrochemical Hydrogen Evolution. Advanced Energy Materials, 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. Advanced Materials, 2020, 32, e2004028.	21.0	42
3	Gold-like activity copper-like selectivity of heteroatomic transition metal carbides for electrocatalytic carbon dioxide reduction reaction. Nature Communications, 2021, 12, 5067.	12.8	40
4	Highly Efficient Solarâ€Ðriven Carbon Dioxide Reduction on Molybdenum Disulfide Catalyst Using Choline Chlorideâ€Based Electrolyte. Advanced Energy Materials, 2019, 9, 1803536.	19.5	34
5	Oxidation of toluene in humid air by metal oxides supported on Î ³ -alumina. Journal of Hazardous Materials, 2017, 333, 293-307.	12.4	27
6	Oxygen Functionalized Copper Nanoparticles for Solar-Driven Conversion of Carbon Dioxide to Methane. ACS Nano, 2020, 14, 2099-2108.	14.6	21
7	Efficient electrocatalytic conversion of CO2 to ethanol enabled by imidazolium-functionalized ionomer confined molybdenum phosphide. Applied Catalysis B: Environmental, 2022, 317, 121681.	20.2	6
8	Electroreduction of Carbon Dioxide to Methane Enabled By Molybdenum Carbide Nanocatalyst. ECS Meeting Abstracts, 2020, MA2020-02, 3234-3234.	0.0	1