Qing Mao

List of Publications by Year
in descending order

13	452	933447 10	1125743 13
papers	citations	h-index	g-index

14	14	14	652
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	How does mass transfer influence electrochemical carbon dioxide reduction reaction? A case study of Ni molecular catalyst supported on carbon. Chemical Communications, 2021, 57, 1384-1387.	4.1	18
2	Pore-structure-enhanced electrochemical reduction of CO2 to formate on Sn-based double-layer catalysts. Electrochemistry Communications, 2021, 128, 107056.	4.7	5
3	Predictable interfacial mass transfer intensification of Snâ€“N doped multichannel hollow carbon nanofibers for the CO2 electro-reduction reaction. Sustainable Energy and Fuels, 2021, 5, 3097-3101.	4.9	4
4	Photo-driven growth of a monolayer of platinum spherical-nanocrowns uniformly coated on a membrane toward fuel cell applications. Journal of Materials Chemistry A, 2020, 8, 23284-23292.	10.3	18
5	Advances in Thermodynamic-Kinetic Model for Analyzing the Oxygen Evolution Reaction. ACS Catalysis, 2020, 10, 8597-8610.	11.2	89
6	Into the â€œsecretâ€•double layer: Alkali cation mediates the hydrogen evolution reaction in basic medium. Journal of Energy Chemistry, 2020, 51, 101-104.	12.9	7
7	Highly efficient and durable MoNiNC catalyst for hydrogen evolution reaction. Nano Energy, 2017, 37, 1-6.	16.0	79
8	A Facile Approach to Fabricate an Nâ€Ðoped Mesoporous Graphene/Nanodiamond Hybrid Nanocomposite with Synergistically Enhanced Catalysis. ChemCatChem, 2015, 7, 1070-1077.	3.7	38
9	Total harmonic distortion analysis of oxygen reduction reaction in proton exchange membrane fuel cells. Electrochimica Acta, 2013, 103, 188-198.	5.2	48
10	Sensing methanol concentration in direct methanol fuel cell with total harmonic distortion: Theory and application. Electrochimica Acta, 2012, 68, 60-68.	5.2	36
11	Total harmonic distortion analysis for direct methanol fuel cell anode. Electrochemistry Communications, 2010, 12, 1517-1519.	4.7	33
12	Application of hyperdispersant to the cathode diffusion layer for direct methanol fuel cell. Journal of Power Sources, 2008, 175, 826-832.	7.8	21
13	Comparative studies of configurations and preparation methods for direct methanol fuel cell electrodes. Electrochimica Acta, 2007, 52, 6763-6770.	5.2	56