

Qing Mao

List of Publications by Year in descending order

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13
papers

452
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

652
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Thermodynamic-Kinetic Model for Analyzing the Oxygen Evolution Reaction. ACS Catalysis, 2020, 10, 8597-8610.	11.2	89
2	Highly efficient and durable MoNiNC catalyst for hydrogen evolution reaction. Nano Energy, 2017, 37, 1-6.	16.0	79
3	Comparative studies of configurations and preparation methods for direct methanol fuel cell electrodes. Electrochimica Acta, 2007, 52, 6763-6770.	5.2	56
4	Total harmonic distortion analysis of oxygen reduction reaction in proton exchange membrane fuel cells. Electrochimica Acta, 2013, 103, 188-198.	5.2	48
5	A Facile Approach to Fabricate an N-Doped Mesoporous Graphene/Nanodiamond Hybrid Nanocomposite with Synergistically Enhanced Catalysis. ChemCatChem, 2015, 7, 1070-1077.	3.7	38
6	Sensing methanol concentration in direct methanol fuel cell with total harmonic distortion: Theory and application. Electrochimica Acta, 2012, 68, 60-68.	5.2	36
7	Total harmonic distortion analysis for direct methanol fuel cell anode. Electrochemistry Communications, 2010, 12, 1517-1519.	4.7	33
8	Application of hyperdispersant to the cathode diffusion layer for direct methanol fuel cell. Journal of Power Sources, 2008, 175, 826-832.	7.8	21
9	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
10	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
11	Into the "secret" double layer: Alkali cation mediates the hydrogen evolution reaction in basic medium. Journal of Energy Chemistry, 2020, 51, 101-104.	12.9	7
12	Pore-structure-enhanced electrochemical reduction of CO ₂ to formate on Sn-based double-layer catalysts. Electrochemistry Communications, 2021, 128, 107056.	4.7	5
13	Predictable interfacial mass transfer intensification of Sn-N doped multichannel hollow carbon nanofibers for the CO ₂ electro-reduction reaction. Sustainable Energy and Fuels, 2021, 5, 3097-3101.	4.9	4