

Qingtao Liu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,732
citations

840585

11
h-index

1199470

12
g-index

13
all docs

13
docs citations

13
times ranked

2252
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial porosity design of Fe@N-C catalysts for high power density PEM fuel cells and detection of water saturation of the catalyst layer by a microwave method. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7764-7772.	5.2	11
2	Iron atom cluster interactions increase activity and improve durability in Fe@N-C fuel cells. <i>Nature Communications</i> , 2022, 13, .	5.8	159
3	Highly Accessible Atomically Dispersed Fe-N Sites Electrocatalyst for Proton Exchange Membrane Fuel Cell. <i>Advanced Science</i> , 2021, 8, 2002249.	5.6	67
4	Temperature Impacts on Oxygen Reduction Reaction Measured by the Rotating Disk Electrode Technique. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3069-3079.	1.5	32
5	Sequential Synthesis and Active Site Coordination Principle of Precious Metal Single-Atom Catalysts for Oxygen Reduction Reaction and PEM Fuel Cells. <i>Advanced Energy Materials</i> , 2020, 10, 2000689.	10.2	92
6	Effect of Catalyst Layer Hydrophobicity on Fe@N-C Proton Exchange Membrane Fuel Cells. <i>ChemElectroChem</i> , 2020, 7, 1775-1780.	1.7	12
7	Insights into the role of active site density in the fuel cell performance of Co-N-C catalysts. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117849.	10.8	104
8	MOF-Derived Carbon Networks with Atomically Dispersed Fe-N Sites for Oxygen Reduction Reaction Catalysis in Acidic Media. , 2019, 1, 37-43.		40
9	The Solid-Phase Synthesis of an Fe@N-C Electrocatalyst for High-Power Proton Exchange Membrane Fuel Cells. <i>Angewandte Chemie</i> , 2018, 130, 1218-1222.	1.6	57
10	The Solid-Phase Synthesis of an Fe@N-C Electrocatalyst for High-Power Proton Exchange Membrane Fuel Cells. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1204-1208.	7.2	293
11	Single-Atom to Single-Atom Grafting of Pt ₁ onto Fe ₄ N ₄ Center: Pt ₁ @Fe ₄ N ₄ /C Multifunctional Electrocatalyst with Significantly Enhanced Properties. <i>Advanced Energy Materials</i> , 2018, 8, 1701345.	10.2	371
12	Zigzag carbon as efficient and stable oxygen reduction electrocatalyst for proton exchange membrane fuel cells. <i>Nature Communications</i> , 2018, 9, 3819.	5.8	202
13	Metal organic framework-derived Fe/carbon porous composite with low Fe content for lightweight and highly efficient electromagnetic wave absorber. <i>Chemical Engineering Journal</i> , 2017, 314, 320-327.	6.6	292