Qingtao Liu

List of Publications by Year
in descending order

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	Singleâ€Atom to Singleâ€Atom Grafting of Pt₁ onto Feï£¿N₄ Center: Pt₁@Feï£¿Nï£¿C Multifunctional Electrocatalyst with Significantly Enhanced Properties. Advanced Energy Materials, 2018, 8, 1701345.	10.2	371
2	The Solidâ€Phase Synthesis of an Feâ€Nâ€C Electrocatalyst for Highâ€Power Protonâ€Exchange Membrane Fuel Cells. Angewandte Chemie - International Edition, 2018, 57, 1204-1208.	7.2	293
3	Metal organic framework-derived Fe/carbon porous composite with low Fe content for lightweight and highly efficient electromagnetic wave absorber. Chemical Engineering Journal, 2017, 314, 320-327.	6.6	292
4	Zigzag carbon as efficient and stable oxygen reduction electrocatalyst for proton exchange membrane fuel cells. Nature Communications, 2018, 9, 3819.	5.8	202
5	Iron atomâ€“cluster interactions increase activity and improve durability in Feâ€“Nâ€“C fuel cells. Nature Communications, 2022, 13, .	5.8	159
6	Insights into the role of active site density in the fuel cell performance of Co-N-C catalysts. Applied Catalysis B: Environmental, 2019, 256, 117849.	10.8	104
7	Sequential Synthesis and Activeâ€Site Coordination Principle of Precious Metal Singleâ€Atom Catalysts for Oxygen Reduction Reaction and PEM Fuel Cells. Advanced Energy Materials, 2020, 10, 2000689.	10.2	92
8	Highly Accessible Atomically Dispersed Feâ€N<i>_x</i> Sites Electrocatalyst for Protonâ€Exchange Membrane Fuel Cell. Advanced Science, 2021, 8, 2002249.	5.6	67
9	The Solidâ€Phase Synthesis of an Feâ€Nâ€C Electrocatalyst for Highâ€Power Protonâ€Exchange Membrane Fuel Cells. Angewandte Chemie, 2018, 130, 1218-1222.	1.6	57
10	MOF-Derived Carbon Networks with Atomically Dispersed Feâ€“N_{<i>x</i>} Sites for Oxygen Reduction Reaction Catalysis in Acidic Media. , 2019, 1, 37-43.		40
11	Temperature Impacts on Oxygen Reduction Reaction Measured by the Rotating Disk Electrode Technique. Journal of Physical Chemistry C, 2020, 124, 3069-3079.	1.5	32
12	Effect of Catalyst Layer Hydrophobicity on Feâˆ'Nâˆ'C Proton Exchange Membrane Fuel Cells. ChemElectroChem, 2020, 7, 1775-1780.	1.7	12
13	Spatial porosity design of Feâ€“Nâ€“C catalysts for high power density PEM fuel cells and detection of water saturation of the catalyst layer by a microwave method. Journal of Materials Chemistry A, 2022, 10, 7764-7772.	5.2	11