Cehuang Fu

List of Publications by Year
in descending order

14	317	1040056 9	1058476 14
papers	citations	h-index	g-index

14	14	14	202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of Fe on electrocatalytic activity of iron-nitrogen-doped carbon materials toward oxygen reduction reaction. Frontiers in Energy, 2022, 16, 812-821.	2.3	5
2	Hydrogen-assisted scalable preparation of ultrathin Pt shells onto surfactant-free and uniform Pd nanoparticles for highly efficient oxygen reduction reaction in practical fuel cells. Nano Research, 2022, 15, 1892-1900.	10.4	27
3	Evaluation of Electrocatalytic Activity of Noble Metal Catalysts Toward Nitrogen Reduction Reaction in Aqueous Solutions under Ambient Conditions. ChemSusChem, 2022, 15, .	6.8	12
4	Facile controlled synthesis of hierarchically structured mesoporous Li4Ti5O12/C/rGO composites as high-performance anode of lithium-ion batteries. Frontiers in Energy, 2022, 16, 607-612.	2.3	5
5	Manipulating the oxygen reduction reaction pathway on Pt-coordinated motifs. Nature Communications, 2022, 13, 685.	12.8	82
6	Electronic and Potential Synergistic Effects of Surface-Doped Pâ€“O Species on Uniform Pd Nanospheres: Breaking the Linear Scaling Relationship toward Electrochemical Oxygen Reduction. ACS Applied Materials & Interfaces, 2022, 14, 14146-14156.	8.0	8
7	An Inâ€Depth Theoretical Exploration of Influences of Nonâ€Metalâ€Elements Doping on the ORR Performance of Coâ”gN₄. ChemCatChem, 2021, 13, 2303-2310.	3.7	12
8	Theoretical Exploration of the Thermodynamic Process Competition between NRR and HER on Transition-Metal-Doped CoP (101) Facets. Journal of Physical Chemistry C, 2021, 125, 17051-17057.	3.1	15
9	Lithium-mediated electrochemical nitrogen reduction: Mechanistic insights to enhance performance. IScience, 2021, 24, 103105.	4.1	50
10	Microstructures and Proton Networks of Ionomer Film on the Surface of Platinum Single Atom Catalyst in Polymer Electrolyte Membrane Fuel Cells. Journal of Physical Chemistry C, 2021, 125, 24240-24248.	3.1	8
11	Probing structure-designed Cuâ€“Pd nanospheres and their Pt-monolayer-shell derivatives as high-performance electrocatalysts for alkaline and acidic oxygen reduction reactions. Journal of Materials Chemistry A, 2020, 8, 22389-22400.	10.3	22
12	Promoting Effects of Au Submonolayer Shells on Structure-Designed Cuâ€“Pd/Ir Nanospheres: Greatly Enhanced Activity and Durability for Alkaline Ethanol Electro-Oxidation. ACS Applied Materials & Interfaces, 2020, 12, 25961-25971.	8.0	26
13	Insight into the Rapid Degradation Behavior of Nonprecious Metal Feâ€“Nâ€“C Electrocatalyst-Based Proton Exchange Membrane Fuel Cells. ACS Applied Materials & Interfaces, 2019, 11, 37779-37786.	8.0	41
14	Communicationâ€”An Organic Solvent System-Assisted Electrodeposition of Highly Active Pt for the Oxygen Reduction Reaction. Journal of the Electrochemical Society, 2018, 165, J3392-J3394.	2.9	4