

# Cehuang Fu

## List of Publications by Year in descending order

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14  
papers

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citations

1040056

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1058476

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14  
docs citations

14  
times ranked

202  
citing authors

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