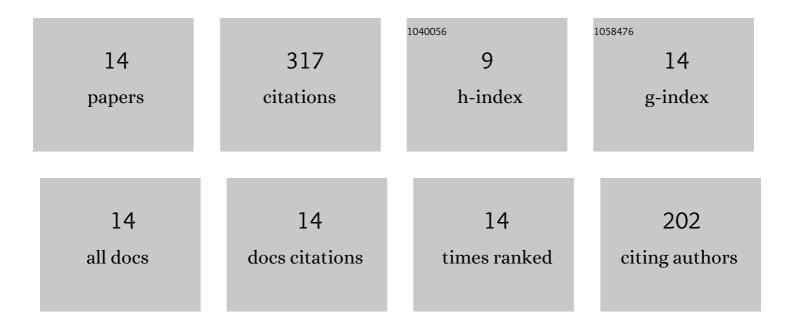
Cehuang Fu

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Manipulating the oxygen reduction reaction pathway on Pt-coordinated motifs. Nature Communications, 2022, 13, 685. | 12.8 | 82 |
| 2 | Lithium-mediated electrochemical nitrogen reduction: Mechanistic insights to enhance performance. IScience, 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. ACS Applied Materials & Interfaces, 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. Nano Research, 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. ACS Applied Materials & Interfaces, 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. Journal of Materials Chemistry A, 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. Journal of Physical Chemistry C, 2021, 125, 17051-17057. | 3.1 | 15 |
| 8 | An Inâ€Depth Theoretical Exploration of Influences of Nonâ€Metalâ€Elements Doping on the ORR Performance of Coâ^'gN ₄ . ChemCatChem, 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. ChemSusChem, 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. Journal of Physical Chemistry C, 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. ACS Applied Materials & Interfaces, 2022, 14, 14146-14156. | 8.0 | 8 |
| 12 | 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 |
| 13 | 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 |
| 14 | Communication—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 |