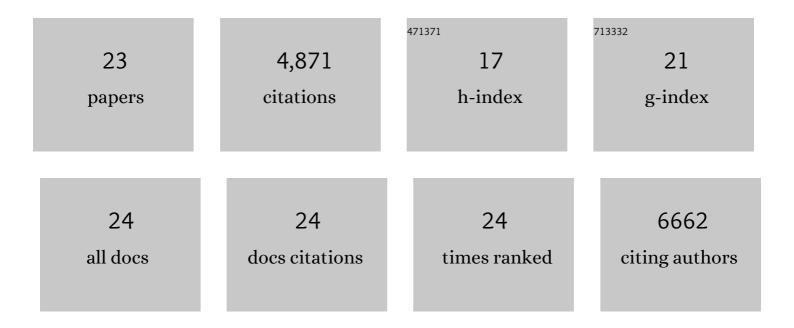
Chengzhang Wan

List of Publications by Year in descending order

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CHENCZHANC WAN

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Noble Metal Based Electrocatalysts for Alcohol Oxidation Reactions in Alkaline Media. Advanced Functional Materials, 2022, 32, . | 7.8 | 70 |
| 2 | Highly stretchable van der Waals thin films for adaptable and breathable electronic membranes. Science, 2022, 375, 852-859. | 6.0 | 96 |
| 3 | Experimental Sabatier plot for predictive design of active and stable Pt-alloy oxygen reduction reaction catalysts. Nature Catalysis, 2022, 5, 513-523. | 16.1 | 57 |
| 4 | Autobifunctional Mechanism of Jagged Pt Nanowires for Hydrogen Evolution Kinetics via End-to-End Simulation. Journal of the American Chemical Society, 2021, 143, 5355-5363. | 6.6 | 33 |
| 5 | Tailoring the Pt Surface Oxophilicity Via Single-Atom Rh Doping for Boosting Hydrogen Oxidation/Evolution Reaction in Alkaline Electrolyte. ECS Meeting Abstracts, 2021, MA2021-01, 1233-1233. | 0.0 | 0 |
| 6 | High-yield exfoliation of 2D semiconductor monolayers and reassembly of organic/inorganic artificial superlattices. CheM, 2021, 7, 1887-1902. | 5.8 | 36 |
| 7 | Valence oscillation and dynamic active sites in monolayer NiCo hydroxides for water oxidation. Nature Catalysis, 2021, 4, 1050-1058. | 16.1 | 272 |
| 8 | Single Atoms at Crystal Ladder Steps. CheM, 2020, 6, 3169-3171. | 5.8 | 0 |
| 9 | A fundamental look at electrocatalytic sulfur reduction reaction. Nature Catalysis, 2020, 3, 762-770. | 16.1 | 455 |
| 10 | Molecular Design of Singleâ€Atom Catalysts for Oxygen Reduction Reaction. Advanced Energy Materials, 2020, 10, 1903815. | 10.2 | 295 |
| 11 | Pt3Ag alloy wavy nanowires as highly effective electrocatalysts for ethanol oxidation reaction. Nano Research, 2020, 13, 1472-1478. | 5.8 | 58 |
| 12 | Hierarchical Porous Carbon Derived from Covalent Triazine Frameworks for High Mass Loading Supercapacitors. , 2019, 1, 320-326. | | 29 |
| 13 | PtCuNi Tetrahedra Catalysts with Tailored Surfaces for Efficient Alcohol Oxidation. Nano Letters, 2019, 19, 5431-5436. | 4.5 | 93 |
| 14 | Microwave Shock Synthesis beyond Thermodynamic Equilibrium. Matter, 2019, 1, 555-557. | 5.0 | 6 |
| 15 | Single-atom tailoring of platinum nanocatalysts for high-performance multifunctional electrocatalysis. Nature Catalysis, 2019, 2, 495-503. | 16.1 | 464 |
| 16 | Double-negative-index ceramic aerogels for thermal superinsulation. Science, 2019, 363, 723-727. | 6.0 | 429 |
| 17 | Ultrathin wavy Rh nanowires as highly effective electrocatalysts for methanol oxidation reaction with ultrahigh ECSA. Nano Research, 2019, 12, 211-215. | 5.8 | 66 |
| 18 | General synthesis and definitive structural identification of MN4C4 single-atom catalysts with tunable electrocatalytic activities. Nature Catalysis, 2018, 1, 63-72. | 16.1 | 1,476 |

| # | Article | IF | CITATIONS |
|----|--|--------------------|-------------------|
| 19 | Solution-processable 2D semiconductors for high-performance large-area electronics. Nature, 2018, 562, 254-258. | 13.7 | 644 |
| 20 | Microwaveâ€Assisted Rapid Synthesis of Grapheneâ€Supported Single Atomic Metals. Advanced Materials, 2018, 30, e1802146. | 11.1 | 244 |
| 21 | Facile synthesis of phthalocyanine at low temperature with diisopropylamide anion as nucleophile. Tetrahedron Letters, 2015, 56, 4459-4462. | 0.7 | 10 |
| 22 | Electrochromic properties of novel octa-pinene substituted double-decker Ln(<scp>iii</scp>) (Ln = Eu,) Tj ETQq0 (3072-3080. | 0 0 rgBT /0 2.7 | Overlock 10 29 |
| 23 | Synthesis and ferroelectric properties of platinum(II) complexes with chiral isoxazoline ligand. Polyhedron, 2013, 60, 85-92. | 1.0 | 7 |