# Chaoran Jiang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6545752/publications.pdf

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|---|---|---|---|
| 13 papers | 1,870 citations | 759233 12 h-index | 1199594 12 g-index |
| 13 all docs | 13 docs citations | 13 times ranked | 3568 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Co3+-O-V4+ cluster in CoVOx nanorods for efficient and stable electrochemical oxygen evolution. Applied Catalysis B: Environmental, 2021, 282, 119571. | 20.2 | 39 |
| 2 | Defect-Free Single-Layer Graphene by 10 s Microwave Solid Exfoliation and Its Application for Catalytic Water Splitting. ACS Applied Materials & Interfaces, 2021, 13, 28600-28609. | 8.0 | 17 |
| 3 | Crystallinity-Modulated Co<sub>2â€“x</sub>V<sub>x</sub>O<sub>4</sub> Nanoplates for Efficient Electrochemical Water Oxidation. ACS Catalysis, 2021, 11, 14884-14891. | 11.2 | 23 |
| 4 | Unique hole-accepting carbon-dots promoting selective carbon dioxide reduction nearly 100% to methanol by pure water. Nature Communications, 2020, 11, 2531. | 12.8 | 168 |
| 5 | Stabilization of GaAs photoanodes by in situ deposition of nickel-borate surface catalysts as hole trapping sites. Sustainable Energy and Fuels, 2019, 3, 814-822. | 4.9 | 14 |
| 6 | Rational Design of Atomic Layers of Pt Anchored on Mo<sub>2</sub>C Nanorods for Efficient Hydrogen Evolution over a Wide pH Range. Small, 2019, 15, e1900014. | 10.0 | 52 |
| 7 | Photoelectrochemical devices for solar water splitting â€“ materials and challenges. Chemical Society Reviews, 2017, 46, 4645-4660. | 38.1 | 1,140 |
| 8 | Highly crystallized Î±-FeOOH for a stable and efficient oxygen evolution reaction. Journal of Materials Chemistry A, 2017, 5, 2021-2028. | 10.3 | 140 |
| 9 | Highly Efficient Oxygen Reduction Catalysts by Rational Synthesis of Nanoconfined Maghemite in a Nitrogen-Doped Graphene Framework. ACS Catalysis, 2016, 6, 3558-3568. | 11.2 | 74 |
| 10 | Photochemical CO<sub>2</sub> reduction using structurally controlled g-C<sub>3</sub>N<sub>4</sub>. Physical Chemistry Chemical Physics, 2016, 18, 24825-24829. | 2.8 | 89 |
| 11 | Size-controlled TiO2 nanoparticles on porous hosts for enhanced photocatalytic hydrogen production. Applied Catalysis A: General, 2016, 521, 133-139. | 4.3 | 57 |
| 12 | 2 Devices for Solar-Driven Water Splitting to Hydrogen Fuel and Their Technical and Economic Assessments. , 2016, , 9-46. | | 0 |
| 13 | Earthâ€Abundant Oxygen Evolution Catalysts Coupled onto ZnO Nanowire Arrays for Efficient Photoelectrochemical Water Cleavage. Chemistry - A European Journal, 2014, 20, 12954-12961. | 3.3 | 57 |