# Juan Wang

List of Publications by Year
in descending order



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|---|---|---|---|
| 25 papers | 957 citations | 687363 13 h-index | 642732 23 g-index |
| 25 all docs | 25 docs citations | 25 times ranked | 1739 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Perovskite Nanorod as Bifunctional Electrocatalyst for Overall Water Splitting. Advanced Energy Materials, 2017, 7, 1602122. | 19.5 | 369 |
| 2 | Rational construction of triangle-like nickel-cobalt bimetallic metal-organic framework nanosheets arrays as battery-type electrodes for hybrid supercapacitors. Journal of Colloid and Interface Science, 2019, 555, 42-52. | 9.4 | 131 |
| 3 | Enhanced performance and selectivity of CO2 methanation over g-C3N4 assisted synthesis of Ni CeO2 catalyst: Kinetics and DRIFTS studies. International Journal of Hydrogen Energy, 2018, 43, 15191-15204. | 7.1 | 104 |
| 4 | A Minireview on Nickelâ€Based Heterogeneous Electrocatalysts for Water Splitting. ChemCatChem, 2019, 11, 5913-5928. | 3.7 | 68 |
| 5 | Exploration of Co-Fe alloy precipitation and electrochemical behavior hysteresis using Lanthanum and Cobalt co-substituted SrFeO3-Î´ SOFC anode. Electrochimica Acta, 2018, 277, 226-234. | 5.2 | 47 |
| 6 | Treatment of carbon cloth anodes for improving power generation in a dualâ€chamber microbial fuel cell. Journal of Chemical Technology and Biotechnology, 2013, 88, 623-628. | 3.2 | 37 |
| 7 | Î³-Fe2O3 clusters embedded in 1D porous N-doped carbon matrix as pH-universal electrocatalyst for enhanced oxygen reduction reaction. Chemical Engineering Journal, 2021, 415, 129033. | 12.7 | 25 |
| 8 | Facile Dynamic Synthesis of Homodispersed Ni<sub>3</sub>S<sub>2</sub> Nanosheets as a Highâ€Efficient Bifunctional Electrocatalyst for Water Splitting. ChemCatChem, 2019, 11, 1320-1327. | 3.7 | 21 |
| 9 | Efficient and stable nanoporous functional composited electrocatalyst derived from Zn/Co-bimetallic zeolitic imidazolate frameworks for oxygen reduction reaction in alkaline media. Electrochimica Acta, 2019, 299, 610-617. | 5.2 | 20 |
| 10 | Spinel Manganeseâ€“Cobalt Oxide on Carbon Nanotubes as Highly Efficient Catalysts for the Oxygen Reduction Reaction. Energy Technology, 2015, 3, 1183-1189. | 3.8 | 16 |
| 11 | Spinel MnCo<sub>2</sub>O<sub>4</sub>/N,Sâ€doped Carbon Nanotubes as an Efficient Oxygen Reduction Reaction Electrocatalyst. ChemistrySelect, 2016, 1, 2159-2162. | 1.5 | 16 |
| 12 | Structural and electrochemical property evolutions of perovskite SOFC anodes: Role of fuel atmosphere in (La0.4Sr0.6)1-Co0.2Fe0.7Nb0.1O3-Î´. International Journal of Hydrogen Energy, 2019, 44, 31386-31393. | 7.1 | 14 |
| 13 | Amorphousâ€crystalline Coâ“Bâ“P Catalyst for Synergistically Enhanced Hydrogen Evolution Reaction. ChemCatChem, 2020, 12, 6259-6264. | 3.7 | 13 |
| 14 | Iron-nickel aerogels anchored on GO nanosheets as efficient oxygen evolution reaction catalysts under industrial conditions. International Journal of Hydrogen Energy, 2022, 47, 6996-7004. | 7.1 | 13 |
| 15 | Amorphous Coreâ€“Shell Nanoparticles as a Highly Effective and Stable Batteryâ€Type Electrode for Hybrid Supercapacitors. Advanced Materials Interfaces, 2019, 6, 1900858. | 3.7 | 10 |
| 16 | Mesoporous Spinel Nanofibers and Nitrogenâ€doped Carbon Nanotubes as Highâ€Performance Electrocatalyst for Oxygen Reduction in Alkaline and Neutral Media. Energy Technology, 2017, 5, 283-292. | 3.8 | 9 |
| 17 | Effect of Small Nbâ€doping Amount on the Performance of BaCoO<sub>3â€Î´</sub>â€based Perovskite as Bifunctional Oxygen Catalysts. ChemistrySelect, 2018, 3, 12424-12429. | 1.5 | 9 |
| 18 | Effect of TS-1 Crystal Planes on the Catalytic Activity of Au/TS-1 for Direct Propylene Epoxidation with H<sub>2</sub> and O<sub>2</sub>. ACS Sustainable Chemistry and Engineering, 2020, 8, 8496-8504. | 6.7 | 9 |

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|---|---|---|---|
| 19 | Effect of an anode modified with nitrogenous compounds on the performance of a microbial fuel cell. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 527-533. | 2.3 | 6 |
| 20 | In situ fabrication of cobalt/nickel sulfides nanohybrid based on various sulfur sources as highly efficient bifunctional electrocatalysts for overall water splitting. Nano Select, 0, , . | 3.7 | 6 |
| 21 | Understanding the Effect of Germanium as an Efficient Auxiliary Preâ€Dopant in Carbon Nanotubes on Enhancing Oxygen Reduction Reaction. Energy Technology, 2018, 6, 2387-2393. | 3.8 | 5 |
| 22 | A mild approach to bimetallic ZIF-derived porous carbons as highly efficient oxygen reduction electrocatalysts. International Journal of Hydrogen Energy, 2021, 46, 6188-6196. | 7.1 | 5 |
| 23 | Formulation and optimization of biological removal of flue gas pretreatment wastewater and sulfur recycling process by Boxâ€“Behnken design. Water Science and Technology, 2013, 67, 2706-2711. | 2.5 | 2 |
| 24 | The Catalytic Activity of F-Doped Vanadia/Titania Catalysts for Selective Catalytic Reduction of NO with NH3 at Low Temperatures. , 2009, , . | | 1 |
| 25 | Synthesis and structural characterization of 2,3-bis(hydroxymethyl)-2,3-dinitro-1,4-butanediol tetra p-toluenesulfonate. Research on Chemical Intermediates, 2015, 41, 2257-2264. | 2.7 | 1 |