

Nan Jiang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

4,283
citations

17
h-index

22
g-index

22
ext. papers

4,941
ext. citations

10.5
avg, IF

5.91
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 20 | Emerging Electrocatalysts for Water Oxidation under Near-Neutral CO Reduction Conditions. <i>Advanced Materials</i> , 2021 , e2105852 | 24 | 5 |
| 19 | Electrolyzer Design for Flexible Decoupled Water Splitting and Organic Upgrading with Electron Reservoirs. <i>Chem</i> , 2018 , 4, 637-649 | 16.2 | 81 |
| 18 | Electrocatalysis of Furfural Oxidation Coupled with H ₂ Evolution via Nickel-Based Electrocatalysts in Water. <i>ChemNanoMat</i> , 2017 , 3, 491-495 | 3.5 | 41 |
| 17 | A General Strategy for Decoupled Hydrogen Production from Water Splitting by Integrating Oxidative Biomass Valorization. <i>Journal of the American Chemical Society</i> , 2016 , 138, 13639-13646 | 16.4 | 416 |
| 16 | Simultaneous H ₂ Generation and Biomass Upgrading in Water by an Efficient Noble-Metal-Free Bifunctional Electrocatalyst. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9913-7 | 16.4 | 275 |
| 15 | Simultaneous H ₂ Generation and Biomass Upgrading in Water by an Efficient Noble-Metal-Free Bifunctional Electrocatalyst. <i>Angewandte Chemie</i> , 2016 , 128, 10067-10071 | 3.6 | 75 |
| 14 | Integrating Electrocatalytic 5-Hydroxymethylfurfural Oxidation and Hydrogen Production via Co ^{II} -Derived Electrocatalysts. <i>ACS Energy Letters</i> , 2016 , 1, 386-390 | 20.1 | 163 |
| 13 | Morphology-activity correlation in hydrogen evolution catalyzed by cobalt sulfides. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 279-285 | 6.8 | 29 |
| 12 | Hierarchically Porous Urchin-Like Ni ₂ P Superstructures Supported on Nickel Foam as Efficient Bifunctional Electrocatalysts for Overall Water Splitting. <i>ACS Catalysis</i> , 2016 , 6, 714-721 | 13.1 | 604 |
| 11 | Nickel sulfides for electrocatalytic hydrogen evolution under alkaline conditions: a case study of crystalline NiS, NiS ₂ , and Ni ₃ S ₂ nanoparticles. <i>Catalysis Science and Technology</i> , 2016 , 6, 1077-1084 | 5.5 | 330 |
| 10 | Bifunctionality and Mechanism of Electrodeposited Nickel-Phosphorous Films for Efficient Overall Water Splitting. <i>ChemCatChem</i> , 2016 , 8, 106-112 | 5.2 | 131 |
| 9 | Microwave vs. solvothermal synthesis of hollow cobalt sulfide nanoprisms for electrocatalytic hydrogen evolution and supercapacitors. <i>Chemical Communications</i> , 2015 , 51, 4252-5 | 5.8 | 117 |
| 8 | Electrodeposited cobalt-phosphorous-derived films as competent bifunctional catalysts for overall water splitting. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6251-4 | 16.4 | 638 |
| 7 | Bimetal-Organic Framework Self-Adjusted Synthesis of Support-Free Nonprecious Electrocatalysts for Efficient Oxygen Reduction. <i>ACS Catalysis</i> , 2015 , 5, 7068-7076 | 13.1 | 361 |
| 6 | High-Performance Overall Water Splitting Electrocatalysts Derived from Cobalt-Based Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2015 , 27, 7636-7642 | 9.6 | 486 |
| 5 | Electrodeposited Cobalt-Phosphorous-Derived Films as Competent Bifunctional Catalysts for Overall Water Splitting (Angew. Chem. 21/2015). <i>Angewandte Chemie</i> , 2015 , 127, 6470-6470 | 3.6 | 1 |
| 4 | Electrodeposited Cobalt-Phosphorous-Derived Films as Competent Bifunctional Catalysts for Overall Water Splitting. <i>Angewandte Chemie</i> , 2015 , 127, 6349-6352 | 3.6 | 186 |

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| 3 | Electrodeposited nickel-sulfide films as competent hydrogen evolution catalysts in neutral water. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 19407-19414 | 13 | 173 |
| 2 | Near-Infrared Light-Driven, Highly Efficient Bilayer Actuators Based on Polydopamine-Modified Reduced Graphene Oxide. <i>Advanced Functional Materials</i> , 2014 , 24, 5412-5419 | 15.6 | 169 |
| 1 | Direct microwave-assisted amino acid synthesis by reaction of succinic acid and ammonia in the presence of magnetite. <i>International Journal of Astrobiology</i> , 2013 , 12, 331-336 | 1.4 | 2 |