# Gao-Feng Chen

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 24 papers | 3,987 citations | 21 h-index | 29 g-index |
| 29 ext. papers | 4,858 ext. citations | 14.1 avg, IF | 6.01 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 24 | Comprehensive Understanding of the Thriving Ambient Electrochemical Nitrogen Reduction Reaction. *Advanced Materials*, **2021**, 33, e2007650 | 24 | 47 |
| 23 | Electrochemical reduction of nitrate to ammonia via direct eight-electron transfer using a copper molecular solid catalyst. *Nature Energy*, **2020**, 5, 605-613 | 62.3 | 220 |
| 22 | Innentitelbild: Ammonia Synthesis Under Ambient Conditions: Selective Electroreduction of Dinitrogen to Ammonia on Black Phosphorus Nanosheets (Angew. Chem. 9/2019). *Angewandte Chemie*, **2019**, 131, 2550-2550 | 3.6 | |
| 21 | Advanced Non-metallic Catalysts for Electrochemical Nitrogen Reduction under Ambient Conditions. *Chemistry - A European Journal*, **2019**, 25, 12464-12485 | 4.8 | 40 |
| 20 | Frontispiece: Advanced Non-metallic Catalysts for Electrochemical Nitrogen Reduction under Ambient Conditions. *Chemistry - A European Journal*, **2019**, 25, | 4.8 | 1 |
| 19 | Ammonia Synthesis Under Ambient Conditions: Selective Electroreduction of Dinitrogen to Ammonia on Black Phosphorus Nanosheets. *Angewandte Chemie*, **2019**, 131, 2638-2642 | 3.6 | 121 |
| 18 | Ammonia Synthesis Under Ambient Conditions: Selective Electroreduction of Dinitrogen to Ammonia on Black Phosphorus Nanosheets. *Angewandte Chemie - International Edition*, **2019**, 58, 2612-2616 | 16.4 | 294 |
| 17 | Advances in Electrocatalytic N2 Reduction Strategies to Tackle the Selectivity Challenge. *Small Methods*, **2019**, 3, 1800337 | 12.8 | 265 |
| 16 | Efficient Electrocatalytic N2 Fixation with MXene under Ambient Conditions. *Joule*, **2019**, 3, 279-289 | 27.8 | 415 |
| 15 | Confined heat treatment of a Prussian blue analogue for enhanced electrocatalytic oxygen evolution. *Journal of Materials Chemistry A*, **2018**, 6, 15942-15946 | 13 | 29 |
| 14 | Low-Voltage Electrolytic Hydrogen Production Derived from Efficient Water and Ethanol Oxidation on Fluorine-Modified FeOOH Anode. *ACS Catalysis*, **2018**, 8, 526-530 | 13.1 | 74 |
| 13 | Nitrogen Reduction Reaction: Molybdenum Carbide Nanodots Enable Efficient Electrocatalytic Nitrogen Fixation under Ambient Conditions (Adv. Mater. 46/2018). *Advanced Materials*, **2018**, 30, 1870350 | 24 | 11 |
| 12 | Molybdenum Carbide Nanodots Enable Efficient Electrocatalytic Nitrogen Fixation under Ambient Conditions. *Advanced Materials*, **2018**, 30, e1803694 | 24 | 436 |
| 11 | Self-Supported Amorphous-Edge Nickel Sulfide Nanobrush for Excellent Energy Storage. *Electrochimica Acta*, **2017**, 255, 153-159 | 6.7 | 29 |
| 10 | Ammonia Electrosynthesis with High Selectivity under Ambient Conditions via a Li Incorporation Strategy. *Journal of the American Chemical Society*, **2017**, 139, 9771-9774 | 16.4 | 397 |
| 9 | A Porous Perchlorate-Doped Polypyrrole Nanocoating on Nickel Nanotube Arrays for Stable Wide-Potential-Window Supercapacitors. *Advanced Materials*, **2016**, 28, 7680-7 | 24 | 161 |
| 8 | Efficient and Stable Bifunctional Electrocatalysts Ni/NixMy (M = P, S) for Overall Water Splitting. *Advanced Functional Materials*, **2016**, 26, 3314-3323 | 15.6 | 690 |

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|---|---|---|---|
| 7 | Building layered NixCo2x(OH)6x nanosheets decorated three-dimensional Ni frameworks for electrochemical applications. *Journal of Power Sources*, **2016**, 317, 1-9 | 8.9 | 89 |
| 6 | Hierarchical NiCo2O4 nanosheet-decorated carbon nanotubes towards highly efficient electrocatalyst for water oxidation. *Journal of Materials Chemistry A*, **2015**, 3, 19314-19321 | 13 | 157 |
| 5 | One dimensionally spinel NiCo2O4 nanowire arrays: facile synthesis, water oxidation, and magnetic properties. *Electrochimica Acta*, **2015**, 174, 1216-1224 | 6.7 | 117 |
| 4 | g-C3N4 decorated ZnO nanorod arrays for enhanced photoelectrocatalytic performance. *Applied Surface Science*, **2015**, 358, 296-303 | 6.7 | 138 |
| 3 | Hierarchical polypyrrole based composites for high performance asymmetric supercapacitors. *Journal of Power Sources*, **2015**, 283, 484-493 | 8.9 | 85 |
| 2 | Polypyrrole shell@3D-Ni metal core structured electrodes for high-performance supercapacitors. *Chemistry - A European Journal*, **2015**, 21, 4614-21 | 4.8 | 80 |
| 1 | Amorphous MnO2 supported on 3D-Ni nanodendrites for large areal capacitance supercapacitors. *Electrochimica Acta*, **2014**, 149, 341-348 | 6.7 | 76 |