

# Gao-Feng Chen

## List of Publications by Citations

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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	Efficient and Stable Bifunctional Electrocatalysts Ni/NixMy (M = P, S) for Overall Water Splitting. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 3314-3323	15.6	690
23	Molybdenum Carbide Nanodots Enable Efficient Electrocatalytic Nitrogen Fixation under Ambient Conditions. <i>Advanced Materials</i> , <b>2018</b> , 30, e1803694	24	436
22	Efficient Electrocatalytic N <sub>2</sub> Fixation with MXene under Ambient Conditions. <i>Joule</i> , <b>2019</b> , 3, 279-289	27.8	415
21	Ammonia Electrosynthesis with High Selectivity under Ambient Conditions via a Li Incorporation Strategy. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9771-9774	16.4	397
20	Ammonia Synthesis Under Ambient Conditions: Selective Electroreduction of Dinitrogen to Ammonia on Black Phosphorus Nanosheets. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 2612-2616	16.4	294
19	Advances in Electrocatalytic N <sub>2</sub> Reduction Strategies to Tackle the Selectivity Challenge. <i>Small Methods</i> , <b>2019</b> , 3, 1800337	12.8	265
18	Electrochemical reduction of nitrate to ammonia via direct eight-electron transfer using a copper molecular solid catalyst. <i>Nature Energy</i> , <b>2020</b> , 5, 605-613	62.3	220
17	A Porous Perchlorate-Doped Polypyrrole Nanocoating on Nickel Nanotube Arrays for Stable Wide-Potential-Window Supercapacitors. <i>Advanced Materials</i> , <b>2016</b> , 28, 7680-7	24	161
16	Hierarchical NiCo <sub>2</sub> O <sub>4</sub> nanosheet-decorated carbon nanotubes towards highly efficient electrocatalyst for water oxidation. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 19314-19321	13	157
15	g-C <sub>3</sub> N <sub>4</sub> decorated ZnO nanorod arrays for enhanced photoelectrocatalytic performance. <i>Applied Surface Science</i> , <b>2015</b> , 358, 296-303	6.7	138
14	Ammonia Synthesis Under Ambient Conditions: Selective Electroreduction of Dinitrogen to Ammonia on Black Phosphorus Nanosheets. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 2638-2642	3.6	121
13	One dimensionally spinel NiCo <sub>2</sub> O <sub>4</sub> nanowire arrays: facile synthesis, water oxidation, and magnetic properties. <i>Electrochimica Acta</i> , <b>2015</b> , 174, 1216-1224	6.7	117
12	Building layered Ni <sub>x</sub> Co <sub>2-x</sub> (OH) <sub>6-x</sub> nanosheets decorated three-dimensional Ni frameworks for electrochemical applications. <i>Journal of Power Sources</i> , <b>2016</b> , 317, 1-9	8.9	89
11	Hierarchical polypyrrole based composites for high performance asymmetric supercapacitors. <i>Journal of Power Sources</i> , <b>2015</b> , 283, 484-493	8.9	85
10	Polypyrrole shell@3D-Ni metal core structured electrodes for high-performance supercapacitors. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 4614-21	4.8	80
9	Amorphous MnO <sub>2</sub> supported on 3D-Ni nanodendrites for large areal capacitance supercapacitors. <i>Electrochimica Acta</i> , <b>2014</b> , 149, 341-348	6.7	76
8	Low-Voltage Electrolytic Hydrogen Production Derived from Efficient Water and Ethanol Oxidation on Fluorine-Modified FeOOH Anode. <i>ACS Catalysis</i> , <b>2018</b> , 8, 526-530	13.1	74

7	Comprehensive Understanding of the Thriving Ambient Electrochemical Nitrogen Reduction Reaction. <i>Advanced Materials</i> , <b>2021</b> , 33, e2007650	24	47
6	Advanced Non-metallic Catalysts for Electrochemical Nitrogen Reduction under Ambient Conditions. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 12464-12485	4.8	40
5	Self-Supported Amorphous-Edge Nickel Sulfide Nanobrush for Excellent Energy Storage. <i>Electrochimica Acta</i> , <b>2017</b> , 255, 153-159	6.7	29
4	Confined heat treatment of a Prussian blue analogue for enhanced electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 15942-15946	13	29
3	Nitrogen Reduction Reaction: Molybdenum Carbide Nanodots Enable Efficient Electrocatalytic Nitrogen Fixation under Ambient Conditions (Adv. Mater. 46/2018). <i>Advanced Materials</i> , <b>2018</b> , 30, 1870350	24	11
2	Frontispiece: Advanced Non-metallic Catalysts for Electrochemical Nitrogen Reduction under Ambient Conditions. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25,	4.8	1
1	Innentitelbild: Ammonia Synthesis Under Ambient Conditions: Selective Electroreduction of Dinitrogen to Ammonia on Black Phosphorus Nanosheets (Angew. Chem. 9/2019). <i>Angewandte Chemie</i> , <b>2019</b> , 131, 2550-2550	3.6	