

# Zhenyuan Fang

## 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.

16 papers	773 citations	13 h-index	16 g-index
16 ext. papers	979 ext. citations	10 avg, IF	4.38 L-index

#	Paper	IF	Citations
16	Understanding the key role of vanadium in p-type BiVO <sub>4</sub> for photoelectrochemical N <sub>2</sub> fixation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 414, 128773	14.7	23
15	A NIR-Responsive Phytic Acid Nickel Biomimetic Complex Anchored on Carbon Nitride for Highly Efficient Solar Hydrogen Production. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 5305-5309	3.6	2
14	A NIR-Responsive Phytic Acid Nickel Biomimetic Complex Anchored on Carbon Nitride for Highly Efficient Solar Hydrogen Production. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 5245-5249	16.4	13
13	Understanding the Z-scheme heterojunction of BiVO <sub>4</sub> /PANI for photoelectrochemical nitrogen reduction. <i>Chemical Communications</i> , <b>2021</b> , 57, 10568-10571	5.8	8
12	In situ constructing intramolecular ternary homojunction of carbon nitride for efficient photoinduced molecular oxygen activation and hydrogen evolution. <i>Nano Energy</i> , <b>2020</b> , 75, 104865	17.1	21
11	Controlling Self-Assembly of 3D In <sub>2</sub> O <sub>3</sub> Nanostructures for Boosting Photocatalytic Hydrogen Production. <i>Wuli Huaxue Xuebao/Acta Physico-Chimica Sinica</i> , <b>2020</b> , 36, 1903047-0	3.8	5
10	Multiple Doped Carbon Nitrides with Accelerated Interfacial Charge/Mass Transportation for Boosting Photocatalytic Hydrogen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 22255-22263	9.5	27
9	Controlling carbon self-doping site of g-C <sub>3</sub> N <sub>4</sub> for highly enhanced visible-light-driven hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 254, 128-134	21.8	92
8	A facile and scalable route for synthesizing ultrathin carbon nitride nanosheets with efficient solar hydrogen evolution. <i>Carbon</i> , <b>2018</b> , 136, 160-167	10.4	22
7	Promoting visible-light-induced photocatalytic degradation of tetracycline by an efficient and stable beta-Bi <sub>2</sub> O <sub>3</sub> @g-C <sub>3</sub> N <sub>4</sub> core/shell nanocomposite. <i>Chemical Engineering Journal</i> , <b>2018</b> , 338, 137-146	14.7	198
6	Fabrication of 0D/2D Carbon Nitride Quantum Dots/SnNb <sub>2</sub> O <sub>6</sub> Ultrathin Nanosheets with Enhanced Photocatalytic Hydrogen Production. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 14332-14339	8.3	33
5	One-Step Nickel Foam Assisted Synthesis of Holey G-Carbon Nitride Nanosheets for Efficient Visible-Light Photocatalytic H Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 20521-20529	9.5	65
4	Rational synthesis of ultrathin graphitic carbon nitride nanosheets for efficient photocatalytic hydrogen evolution. <i>Carbon</i> , <b>2017</b> , 121, 463-471	10.4	67
3	A visible-light-driven heterojunction for enhanced photocatalytic water splitting over Ta <sub>2</sub> O <sub>5</sub> modified g-C <sub>3</sub> N <sub>4</sub> photocatalyst. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 6738-6745	6.7	104
2	Precisely tunable thickness of graphitic carbon nitride nanosheets for visible-light-driven photocatalytic hydrogen evolution. <i>Nanoscale</i> , <b>2017</b> , 9, 14103-14110	7.7	72
1	Facile Preparation of Bi <sub>24</sub> O <sub>31</sub> Cl <sub>10</sub> Nanosheets for Visible-Light-Driven Photocatalytic Degradation of Tetracycline Hydrochloride. <i>Catalysis Letters</i> , <b>2017</b> , 147, 2167-2172	2.8	21