

# Jiani Qin

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,644  
citations

516710

16  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2095  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron(V)/Iron(IV) species in graphitic carbon nitride-ferrate(VI)-visible light system: Enhanced oxidation of micropollutants. <i>Chemical Engineering Journal</i> , 2022, 428, 132610.	12.7	30
2	Oxygen Vacancies Promoted Piezoelectricity toward Piezo-Photocatalytic Decomposition of Tetracycline over SrBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> . <i>ACS ES&amp;T Engineering</i> , 2022, 2, 1365-1375.	7.6	50
3	Recent advance in metal- and covalent-organic framework-based photocatalysis for hydrogen evolution. <i>Materials Today Chemistry</i> , 2022, 26, 101037.	3.5	9
4	Oxygen-doping of ZnIn <sub>2</sub> S <sub>4</sub> nanosheets towards boosted photocatalytic CO <sub>2</sub> reduction. <i>Journal of Energy Chemistry</i> , 2021, 57, 1-9.	12.9	139
5	Design of melem-based supramolecular assemblies for the synthesis of polymeric carbon nitrides with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17855-17864.	10.3	22
6	Low-Temperature Synthesis of Solution Processable Carbon Nitride Polymers. <i>Molecules</i> , 2021, 26, 1646.	3.8	11
7	Sustainable ferrate oxidation: Reaction chemistry, mechanisms and removal of pollutants in wastewater. <i>Environmental Pollution</i> , 2021, 290, 117957.	7.5	55
8	Metal-Free Phosphorus-Doped ZnIn <sub>2</sub> S <sub>4</sub> Nanosheets for Enhanced Photocatalytic CO <sub>2</sub> Reduction. <i>Journal of Physical Chemistry C</i> , 2021, 125, 23813-23820.	3.1	32
9	Efficient self-assembly synthesis of LaPO <sub>4</sub> /CdS hierarchical heterostructure with enhanced visible-light photocatalytic CO <sub>2</sub> reduction. <i>Applied Surface Science</i> , 2020, 504, 144379.	6.1	38
10	Direct growth of uniform carbon nitride layers with extended optical absorption towards efficient water-splitting photoanodes. <i>Nature Communications</i> , 2020, 11, 4701.	12.8	87
11	Photoreduction of CO <sub>2</sub> on non-TiO <sub>2</sub> -based metal oxides. , 2020, , 77-87.		2
12	Freestanding Hierarchical Carbon Nitride/Carbon-Paper Electrode as a Photoelectrocatalyst for Water Splitting and Dye Degradation. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 29139-29146.	8.0	24
13	Condensation of Supramolecular Assemblies at Low Temperatures as a Tool for the Preparation of Photoactive C <sub>3</sub> N <sub>3</sub> O Materials. <i>ChemCatChem</i> , 2019, 11, 6295-6300.	3.7	13
14	Graphene oxide in carbon nitride: from easily processed precursors to a composite material with enhanced photoelectrochemical activity and long-term stability. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11718-11723.	10.3	30
15	Ultrathin Co <sub>0.85</sub> Se nanosheet cocatalyst for visible-light CO <sub>2</sub> photoreduction. <i>Catalysis Today</i> , 2019, 335, 208-213.	4.4	45
16	A perovskite oxide LaCoO <sub>3</sub> cocatalyst for efficient photocatalytic reduction of CO <sub>2</sub> with visible light. <i>Chemical Communications</i> , 2018, 54, 2272-2275.	4.1	72
17	Visible-light reduction CO <sub>2</sub> with dodecahedral zeolitic imidazolate framework ZIF-67 as an efficient co-catalyst. <i>Applied Catalysis B: Environmental</i> , 2017, 209, 476-482.	20.2	443
18	Enhanced selective photocatalytic CO <sub>2</sub> reduction into CO over Ag/CdS nanocomposites under visible light. <i>Applied Surface Science</i> , 2017, 391, 572-579.	6.1	110

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19	Reinforced photocatalytic reduction of CO <sub>2</sub> to CO by a ternary metal oxide NiCo <sub>2</sub> O <sub>4</sub> . Physical Chemistry Chemical Physics, 2015, 17, 16040-16046.	2.8	72
20	Photocatalytic reduction of CO <sub>2</sub> by graphitic carbon nitride polymers derived from urea and barbituric acid. Applied Catalysis B: Environmental, 2015, 179, 1-8.	20.2	360