Jiani Qin

List of Publications by Year in descending order

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	Visible-light reduction CO 2 with dodecahedral zeolitic imidazolate framework ZIF-67 as an efficient co-catalyst. Applied Catalysis B: Environmental, 2017, 209, 476-482.	20.2	443
2	Photocatalytic reduction of CO2 by graphitic carbon nitride polymers derived from urea and barbituric acid. Applied Catalysis B: Environmental, 2015, 179, 1-8.	20.2	360
3	Oxygen-doping of ZnIn2S4 nanosheets towards boosted photocatalytic CO2 reduction. Journal of Energy Chemistry, 2021, 57, 1-9.	12.9	139
4	Enhanced selective photocatalytic CO 2 reduction into CO over Ag/CdS nanocomposites under visible light. Applied Surface Science, 2017, 391, 572-579.	6.1	110
5	Direct growth of uniform carbon nitride layers with extended optical absorption towards efficient water-splitting photoanodes. Nature Communications, 2020, 11, 4701.	12.8	87
6	Reinforced photocatalytic reduction of CO₂ to CO by a ternary metal oxide NiCo₂O₄. Physical Chemistry Chemical Physics, 2015, 17, 16040-16046.	2.8	72
7	A perovskite oxide LaCoO₃ cocatalyst for efficient photocatalytic reduction of CO₂ with visible light. Chemical Communications, 2018, 54, 2272-2275.	4.1	72
8	Sustainable ferrate oxidation: Reaction chemistry, mechanisms and removal of pollutants in wastewater. Environmental Pollution, 2021, 290, 117957.	7.5	55
9	Oxygen Vacancies Promoted Piezoelectricity toward Piezo-Photocatalytic Decomposition of Tetracycline over SrBi₄Ti₄O₁₅. ACS ES&T Engineering, 2022, 2, 1365-1375.	7.6	50
10	Ultrathin Co0.85Se nanosheet cocatalyst for visible-light CO2 photoreduction. Catalysis Today, 2019, 335, 208-213.	4.4	45
11	Efficient self-assembly synthesis of LaPO4/CdS hierarchical heterostructure with enhanced visible-light photocatalytic CO2 reduction. Applied Surface Science, 2020, 504, 144379.	6.1	38
12	Metal-Free Phosphorus-Doped ZnIn₂S₄ Nanosheets for Enhanced Photocatalytic CO₂ Reduction. Journal of Physical Chemistry C, 2021, 125, 23813-23820.	3.1	32
13	Graphene oxide in carbon nitride: from easily processed precursors to a composite material with enhanced photoelectrochemical activity and long-term stability. Journal of Materials Chemistry A, 2019, 7, 11718-11723.	10.3	30
14	Iron(V)/Iron(IV) species in graphitic carbon nitride-ferrate(VI)-visible light system: Enhanced oxidation of micropollutants. Chemical Engineering Journal, 2022, 428, 132610.	12.7	30
15	Freestanding Hierarchical Carbon Nitride/Carbon-Paper Electrode as a Photoelectrocatalyst for Water Splitting and Dye Degradation. ACS Applied Materials & Interfaces, 2019, 11, 29139-29146.	8.0	24
16	Design of melem-based supramolecular assemblies for the synthesis of polymeric carbon nitrides with enhanced photocatalytic activity. Journal of Materials Chemistry A, 2021, 9, 17855-17864.	10.3	22
17	Condensation of Supramolecular Assemblies at Low Temperatures as a Tool for the Preparation of Photoactive C 3 N 3 O Materials. ChemCatChem, 2019, 11, 6295-6300.	3.7	13
18	Low-Temperature Synthesis of Solution Processable Carbon Nitride Polymers. Molecules, 2021, 26, 1646.	3.8	11

#	Article	IF	Citations
19	Recent advance in metal- and covalent-organic framework-based photocatalysis for hydrogen evolution. Materials Today Chemistry, 2022, 26, 101037.	3.5	9
20	Photoreduction of CO2 on non-TiO2â€“based metal oxides. , 2020, , 77-87.		2