Pengxiang Qiu

List of Publications by Year
in descending order

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22 papers	1,504 citations	623574 14 h-index	677027 22 g-index
24 all docs	24 docs citations	24 times ranked	2175 citing authors

#	Article	IF	Citations
1	One step synthesis of oxygen doped porous graphitic carbon nitride with remarkable improvement of photo-oxidation activity: Role of oxygen on visible light photocatalytic activity. Applied Catalysis B: Environmental, 2017, 206, 319-327.	10.8	387
2	Metal-free black phosphorus nanosheets-decorated graphitic carbon nitride nanosheets with C P bonds for excellent photocatalytic nitrogen fixation. Applied Catalysis B: Environmental, 2018, 221, 27-35.	10.8	236
3	Fabrication of an exfoliated graphitic carbon nitride as a highly active visible light photocatalyst. Journal of Materials Chemistry A, 2015, 3, 24237-24244.	5.2	152
4	Enhanced visible-light photocatalytic decomposition of 2,4-dichlorophenoxyacetic acid over ZnIn2S4/g-C3N4 photocatalyst. Journal of Hazardous Materials, 2016, 317, 158-168.	6.5	142
5	Porous three-dimensional carbon foams with interconnected microchannels for high-efficiency solar-to-vapor conversion and desalination. Journal of Materials Chemistry A, 2019, 7, 13036-13042.	5.2	99
6	Bismuth Subcarbonate with Designer Defects for Broad-Spectrum Photocatalytic Nitrogen Fixation. ACS Applied Materials & Interfaces, 2018, 10, 25321-25328.	4.0	97
7	Photothermal-assisted photocatalytic degradation with ultrahigh solar utilization: Towards practical application. Chemical Engineering Journal, 2020, 379, 122382.	6.6	67
8	Cobalt modified mesoporous graphitic carbon nitride with enhanced visible-light photocatalytic activity. RSC Advances, 2014, 4, 39969-39977.	1.7	51
9	KOH etching graphitic carbon nitride for simulated sunlight photocatalytic nitrogen fixation with cyano groups as defects. Journal of the Taiwan Institute of Chemical Engineers, 2018, 83, 99-106.	2.7	50
10	Facile surfactant assistant synthesis of porous oxygen-doped graphitic carbon nitride nanosheets with enhanced visible light photocatalytic activity. Materials Research Bulletin, 2017, 91, 42-48.	2.7	46
11	The synergistic effect in metal-free graphene oxide coupled graphitic carbon nitride/light/peroxymonosulfate system: Photothermal effect and catalyst stability. Carbon, 2021, 178, 81-91.	5.4	27
12	Platinum modified indium oxide nanorods with enhanced photocatalytic activity on degradation of perfluorooctanoic acid (PFOA). Journal of the Taiwan Institute of Chemical Engineers, 2017, 80, 761-768.	2.7	26
13	Modification of graphitic carbon nitride by elemental boron cocatalyst with high-efficient charge transfer and photothermal conversion. Chemical Engineering Journal, 2021, 417, 129203.	6.6	20
14	Microplastics can selectively enrich intracellular and extracellular antibiotic resistant genes and shape different microbial communities in aquatic systems. Science of the Total Environment, 2022, 822, 153488.	3.9	20
15	Studies of the effect of halide ions on the fluorescence of quinine sulfate. Luminescence, 2019, 34, 450-455.	1.5	14
16	Inactivation of antibiotic resistant bacterium Escherichia coli by electrochemical disinfection on molybdenum carbide electrode. Chemosphere, 2022, 287, 132398.	4.2	12
17	Pd/mesoporous carbon nitride: A bifunctional material with high adsorption capacity and catalytic hydrodebromination activity for removal of tetrabromobisphenol A. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 506, 654-663.	2.3	11
18	Fabrication of two-dimensional indium oxide nanosheets with graphitic carbon nitride nanosheets as sacrificial templates. Materials Letters, 2019, 242, 24-27.	1.3	11

#	Article	IF	Citations
19	Monoclinic dibismuth tetraoxide (m-Bi₂O₄) for piezocatalysis: new use for neglected materials. Chemical Communications, 2021, 57, 2740-2743.	2.2	11
20	The cooperation of photothermal conversion, photocatalysis and sulfate radical-based advanced oxidation process on few-layered graphite modified graphitic carbon nitride. Chemical Engineering Journal, 2021, 417, 127993.	6.6	11
21	Simultaneous removal of antibiotic resistant bacteria and antibiotic resistance genes by molybdenum carbide assisted electrochemical disinfection. Journal of Hazardous Materials, 2022, 432, 128733.	6.5	11
22	CFD Simulation of Pollutant Emission in a Natural Draft Dry Cooling Tower with Flue Gas Injection: Comparison between LES and RANS. Energies, 2019, 12, 3630.	1.6	3