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	Inactivation of antibiotic resistant bacterium Escherichia coli by electrochemical disinfection on molybdenum carbide electrode. Chemosphere, 2022, 287, 132398.	4.2	12
2	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
3	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
4	Monoclinic dibismuth tetraoxide (m-Bi₂O₄) for piezocatalysis: new use for neglected materials. Chemical Communications, 2021, 57, 2740-2743.	2.2	11
5	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
6	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
7	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
8	Photothermal-assisted photocatalytic degradation with ultrahigh solar utilization: Towards practical application. Chemical Engineering Journal, 2020, 379, 122382.	6.6	67
9	Fabrication of two-dimensional indium oxide nanosheets with graphitic carbon nitride nanosheets as sacrificial templates. Materials Letters, 2019, 242, 24-27.	1.3	11
10	Studies of the effect of halide ions on the fluorescence of quinine sulfate. Luminescence, 2019, 34, 450-455.	1.5	14
11	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
12	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
13	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
14	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
15	Bismuth Subcarbonate with Designer Defects for Broad-Spectrum Photocatalytic Nitrogen Fixation. ACS Applied Materials & Interfaces, 2018, 10, 25321-25328.	4.0	97
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	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
21	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
22	Cobalt modified mesoporous graphitic carbon nitride with enhanced visible-light photocatalytic activity. RSC Advances, 2014, 4, 39969-39977.	1.7	51