Qiong Liu

List of Publications by Year
in descending order

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30 papers	2,188 citations	331259 21 h-index	525886 27 g-index
30 all docs	30 docs citations	30 times ranked	2572 citing authors

#	Article	IF	Citations
1	Di-nuclear metal synergistic catalysis: Ni2Mo6S6O2/MoS2 two-dimensional nanosheets for hydrogen evolution reaction. Chemical Engineering Journal, 2022, 428, 131084.	6.6	19
2	Regulating the *OCCHO intermediate pathway towards highly selective photocatalytic CO₂ reduction to CH₃CHO over locally crystallized carbon nitride. Energy and Environmental Science, 2022, 15, 225-233.	15.6	63
3	Visible light-driven efficient palladium catalyst turnover in oxidative transformations within confined frameworks. Nature Communications, 2022, 13, 928.	5.8	23
4	Piezo-assisted photoelectric catalysis degradation for dyes and antibiotics by Ag dots-modified NaNbO3 powders. Ceramics International, 2022, 48, 23182-23194.	2.3	23
5	Photocatalytic conversion of biomass-based monosaccharides to lactic acid by ultrathin porous oxygen doped carbon nitride. Applied Catalysis B: Environmental, 2021, 283, 119520.	10.8	108
6	CoMo₂S₄ with Superior Conductivity for Electrocatalytic Hydrogen Evolution: Elucidating the Key Role of Co. Advanced Functional Materials, 2021, 31, 2103732.	7.8	37
7	Boosted CO desorption behaviors induced by spatial dyadic heterostructure in polymeric carbon nitride for efficient photocatalytic CO2 conversion. Applied Catalysis B: Environmental, 2021, 295, 120289.	10.8	30
8	Insights into mechanisms, kinetics and pathway of continuous visible-light photodegradation of PPCPs via porous g-C3N4 with highly dispersed Fe(III) active sites. Chemical Engineering Journal, 2021, 423, 130095.	6.6	18
9	Edge functionalization of terminal amino group in carbon nitride by in-situ Câ€“N coupling for photoreforming of biomass into H2. Chemical Engineering Journal, 2020, 383, 123792.	6.6	58
10	Robust route to highly porous graphitic carbon nitride microtubes with preferred adsorption ability via rational design of one-dimension supramolecular precursors for efficient photocatalytic CO2 conversion. Nano Energy, 2020, 77, 105104.	8.2	71
11	Modifying the bridging N atoms of polymeric carbon nitride to achieve highly enhanced photocatalytic hydrogen evolution. Applied Surface Science, 2020, 530, 147287.	3.1	11
12	One Step Synthesis of Tetragonal-CuBi2O4/Amorphous-BiFeO3 Heterojunction with Improved Charge Separation and Enhanced Photocatalytic Properties. Nanomaterials, 2020, 10, 1514.	1.9	7
13	Efficient photoreforming of lignocellulose into H2 and photocatalytic CO2 reduction via in-plane surface dyadic heterostructure of porous polymeric carbon nitride. Carbon, 2020, 170, 199-212.	5.4	36
14	Edge activation of an inert polymeric carbon nitride matrix with boosted absorption kinetics and near-infrared response for efficient photocatalytic CO₂ reduction. Journal of Materials Chemistry A, 2020, 8, 11761-11772.	5.2	42
15	Mesoporous g-C3N4 nanosheets prepared by calcining a novel supramolecular precursor for high-efficiency photocatalytic hydrogen evolution. Applied Surface Science, 2018, 450, 46-56.	3.1	91
16	Three-dimensional g-C3N4 aggregates of hollow bubbles with high photocatalytic degradation of tetracycline. Carbon, 2018, 136, 103-112.	5.4	67
17	Enhanced photocatalytic hydrogen evolution performance of mesoporous graphitic carbon nitride co-doped with potassium and iodine. Applied Catalysis B: Environmental, 2018, 221, 362-370.	10.8	122
18	A novel route combined precursor-hydrothermal pretreatment with microwave heating for preparing holey g-C3N4 nanosheets with high crystalline quality and extended visible light absorption. Applied Catalysis B: Environmental, 2018, 225, 22-29.	10.8	108

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19	Object Tracking based on KCF and Sparse Prototypes. , 2018, , .		2
20	In-situ microwave-assisted heating synthesis of a high-performance g-C 3 N 4 /carbon nanotubes composite photocatalyst with good contact interfaces. Materials Research Bulletin, 2018, 106, 152-161.	2.7	26
21	Grafting Fe(III) species on carbon nanodots/Fe-doped g-C3N4 via interfacial charge transfer effect for highly improved photocatalytic performance. Applied Catalysis B: Environmental, 2017, 205, 173-181.	10.8	150
22	A one-step process for preparing a phenyl-modified g-C3N4 green phosphor with a high quantum yield. RSC Advances, 2017, 7, 51702-51710.	1.7	27
23	Ultrathin g-C3N4 nanosheets coupled with carbon nanodots as 2D/0D composites for efficient photocatalytic H2 evolution. Applied Catalysis B: Environmental, 2016, 193, 248-258.	10.8	322
24	Insight into the Enhanced Photocatalytic Activity of Potassium and Iodine Codoped Graphitic Carbon Nitride Photocatalysts. Journal of Physical Chemistry C, 2016, 120, 25328-25337.	1.5	82
25	Constructing a novel ternary Fe(III)/graphene/g-C 3 N 4 composite photocatalyst with enhanced visible-light driven photocatalytic activity via interfacial charge transfer effect. Applied Catalysis B: Environmental, 2016, 183, 231-241.	10.8	301
26	One-pot hydrothermal synthesis of Ni-doped ZnIn2S4 nanostructured film photoelectrodes with enhanced photoelectrochemical performance. Applied Surface Science, 2016, 370, 252-259.	3.1	51
27	A combined similarity measure for multimodal image registration. , 2015, , .		1
28	Multi-pedestrian tracking for far-infrared pedestrian detection on-board using particle filter. , 2015, , .		1
29	Textural and electronic structure engineering of carbon nitride via doping with Ï€-deficient aromatic pyridine ring for improving photocatalytic activity. Applied Catalysis B: Environmental, 2015, 170-171, 10-16.	10.8	163
30	Novel Z-scheme visible-light-driven Ag₃PO₄/Ag/SiC photocatalysts with enhanced photocatalytic activity. Journal of Materials Chemistry A, 2015, 3, 4652-4658.	5.2	128