

# Qiong Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,188  
citations

331538

21  
h-index

526166

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2572  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrathin g-C <sub>3</sub> N <sub>4</sub> nanosheets coupled with carbon nanodots as 2D/0D composites for efficient photocatalytic H <sub>2</sub> evolution. Applied Catalysis B: Environmental, 2016, 193, 248-258.	10.8	322
2	Constructing a novel ternary Fe(III)/graphene/g-C <sub>3</sub> N <sub>4</sub> 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
3	Textural and electronic structure engineering of carbon nitride via doping with N-deficient aromatic pyridine ring for improving photocatalytic activity. Applied Catalysis B: Environmental, 2015, 170-171, 10-16.	10.8	163
4	Grafting Fe(III) species on carbon nanodots/Fe-doped g-C <sub>3</sub> N <sub>4</sub> via interfacial charge transfer effect for highly improved photocatalytic performance. Applied Catalysis B: Environmental, 2017, 205, 173-181.	10.8	150
5	Novel Z-scheme visible-light-driven Ag <sub>3</sub> PO <sub>4</sub> /Ag/SiC photocatalysts with enhanced photocatalytic activity. Journal of Materials Chemistry A, 2015, 3, 4652-4658.	5.2	128
6	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
7	A novel route combined precursor-hydrothermal pretreatment with microwave heating for preparing holey g-C <sub>3</sub> N <sub>4</sub> nanosheets with high crystalline quality and extended visible light absorption. Applied Catalysis B: Environmental, 2018, 225, 22-29.	10.8	108
8	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
9	Mesoporous g-C <sub>3</sub> N <sub>4</sub> nanosheets prepared by calcining a novel supramolecular precursor for high-efficiency photocatalytic hydrogen evolution. Applied Surface Science, 2018, 450, 46-56.	3.1	91
10	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
11	Robust route to highly porous graphitic carbon nitride microtubes with preferred adsorption ability via rational design of one-dimension supramolecular precursors for efficient photocatalytic CO <sub>2</sub> conversion. Nano Energy, 2020, 77, 105104.	8.2	71
12	Three-dimensional g-C <sub>3</sub> N <sub>4</sub> aggregates of hollow bubbles with high photocatalytic degradation of tetracycline. Carbon, 2018, 136, 103-112.	5.4	67
13	Regulating the *OCCHO intermediate pathway towards highly selective photocatalytic CO <sub>2</sub> reduction to CH <sub>3</sub> CHO over locally crystallized carbon nitride. Energy and Environmental Science, 2022, 15, 225-233.	15.6	63
14	Edge functionalization of terminal amino group in carbon nitride by in-situ C≡N coupling for photoreforming of biomass into H <sub>2</sub> . Chemical Engineering Journal, 2020, 383, 123792.	6.6	58
15	One-pot hydrothermal synthesis of Ni-doped ZnIn <sub>2</sub> S <sub>4</sub> nanostructured film photoelectrodes with enhanced photoelectrochemical performance. Applied Surface Science, 2016, 370, 252-259.	3.1	51
16	Edge activation of an inert polymeric carbon nitride matrix with boosted absorption kinetics and near-infrared response for efficient photocatalytic CO <sub>2</sub> reduction. Journal of Materials Chemistry A, 2020, 8, 11761-11772.	5.2	42
17	CoMo <sub>2</sub> S <sub>4</sub> with Superior Conductivity for Electrocatalytic Hydrogen Evolution: Elucidating the Key Role of Co. Advanced Functional Materials, 2021, 31, 2103732.	7.8	37
18	Efficient photoreforming of lignocellulose into H <sub>2</sub> and photocatalytic CO <sub>2</sub> reduction via in-plane surface dyadic heterostructure of porous polymeric carbon nitride. Carbon, 2020, 170, 199-212.	5.4	36

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19	Boosted CO desorption behaviors induced by spatial dyadic heterostructure in polymeric carbon nitride for efficient photocatalytic CO <sub>2</sub> conversion. <i>Applied Catalysis B: Environmental</i> , 2021, 295, 120289.	10.8	30
20	A one-step process for preparing a phenyl-modified g-C <sub>3</sub> N <sub>4</sub> green phosphor with a high quantum yield. <i>RSC Advances</i> , 2017, 7, 51702-51710.	1.7	27
21	In-situ microwave-assisted heating synthesis of a high-performance g-C <sub>3</sub> N <sub>4</sub> /carbon nanotubes composite photocatalyst with good contact interfaces. <i>Materials Research Bulletin</i> , 2018, 106, 152-161.	2.7	26
22	Visible light-driven efficient palladium catalyst turnover in oxidative transformations within confined frameworks. <i>Nature Communications</i> , 2022, 13, 928.	5.8	23
23	Piezo-assisted photoelectric catalysis degradation for dyes and antibiotics by Ag dots-modified NaNbO <sub>3</sub> powders. <i>Ceramics International</i> , 2022, 48, 23182-23194.	2.3	23
24	Di-nuclear metal synergistic catalysis: Ni <sub>2</sub> Mo <sub>6</sub> S <sub>6</sub> O <sub>2</sub> /MoS <sub>2</sub> two-dimensional nanosheets for hydrogen evolution reaction. <i>Chemical Engineering Journal</i> , 2022, 428, 131084.	6.6	19
25	Insights into mechanisms, kinetics and pathway of continuous visible-light photodegradation of PPCPs via porous g-C <sub>3</sub> N <sub>4</sub> with highly dispersed Fe(III) active sites. <i>Chemical Engineering Journal</i> , 2021, 423, 130095.	6.6	18
26	Modifying the bridging N atoms of polymeric carbon nitride to achieve highly enhanced photocatalytic hydrogen evolution. <i>Applied Surface Science</i> , 2020, 530, 147287.	3.1	11
27	One Step Synthesis of Tetragonal-CuBi <sub>2</sub> O <sub>4</sub> /Amorphous-BiFeO <sub>3</sub> Heterojunction with Improved Charge Separation and Enhanced Photocatalytic Properties. <i>Nanomaterials</i> , 2020, 10, 1514.	1.9	7
28	Object Tracking based on KCF and Sparse Prototypes. , 2018, , .		2
29	A combined similarity measure for multimodal image registration. , 2015, , .		1
30	Multi-pedestrian tracking for far-infrared pedestrian detection on-board using particle filter. , 2015, , .		1