

Bo Lin

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,723
citations

394421

19
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

2121
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of 2D/2D g-C ₃ N ₄ nanosheet@ZnIn ₂ S ₄ nanoleaf heterojunctions with well-designed high-speed charge transfer nanochannels towards high-efficiency photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2018, 220, 542-552.	20.2	341
2	Stacking Layer Number Dependence of Water Adsorption in 3D Ordered Close-Packed g-C ₃ N ₄ Nanosphere Arrays for Photocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2019, 58, 4587-4591.	13.8	172
3	Construction of novel three dimensionally ordered macroporous carbon nitride for highly efficient photocatalytic activity. Applied Catalysis B: Environmental, 2016, 198, 276-285.	20.2	149
4	Fish-scale structured g-C ₃ N ₄ nanosheet with unusual spatial electron transfer property for high-efficiency photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2017, 210, 173-183.	20.2	136
5	Facile fabrication of novel SiO ₂ /g-C ₃ N ₄ core-shell nanosphere photocatalysts with enhanced visible light activity. Applied Surface Science, 2015, 357, 346-355.	6.1	100
6	Controllable spatial effect acting on photo-induced CdS@CoP@SiO ₂ ball-in-ball nano-photoreactor for enhancing hydrogen evolution. Nano Energy, 2018, 47, 481-493.	16.0	89
7	Ferroelectric-field accelerated charge transfer in 2D CuInP ₂ S ₆ heterostructure for enhanced photocatalytic H ₂ evolution. Nano Energy, 2020, 76, 104972.	16.0	84
8	A facile one-step synthesis of three-dimensionally ordered macroporous N-doped TiO ₂ with ethanediamine as the nitrogen source. Journal of Materials Chemistry A, 2014, 2, 15611-15619.	10.3	83
9	Strain-Engineering of Bi ₁₂ O ₁₇ Br ₂ Nanotubes for Boosting Photocatalytic CO ₂ Reduction. , 2020, 2, 1025-1032.		82
10	Spatial positioning effect of dual cocatalysts accelerating charge transfer in three dimensionally ordered macroporous g-C ₃ N ₄ for photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2019, 243, 94-105.	20.2	73
11	Formation of BiOI/g-C ₃ N ₄ nanosheet composites with high visible-light-driven photocatalytic activity. Chinese Journal of Catalysis, 2018, 39, 654-663.	14.0	65
12	A ball-in-ball g-C ₃ N ₄ @SiO ₂ nano-photoreactor for highly efficient H ₂ generation and NO removal. Nanoscale, 2017, 9, 5273-5279.	5.6	49
13	A Tandem 0D/2D/2D NbS ₂ Quantum Dot/Nb ₂ O ₅ Nanosheet/g-C ₃ N ₄ Flake System with Spatial Charge Transfer Cascades for Boosting Photocatalytic Hydrogen Evolution. Small, 2020, 16, e2003302.	10.0	40
14	Engineering Cocatalysts onto Low-Dimensional Photocatalysts for CO ₂ Reduction. Small Structures, 2021, 2, 2100046.	12.0	40
15	Electronegativity-Induced Charge Balancing to Boost Stability and Activity of Amorphous Electrocatalysts. Advanced Materials, 2022, 34, e2100537.	21.0	39
16	Stacking Layer Number Dependence of Water Adsorption in 3D Ordered Close-Packed g-C ₃ N ₄ Nanosphere Arrays for Photocatalytic Hydrogen Evolution. Angewandte Chemie, 2019, 131, 4635-4639.	2.0	36
17	2D PtS nanorectangles/g-C ₃ N ₄ nanosheets with a metal sulfide support interaction effect for high-efficiency photocatalytic H ₂ evolution. Materials Horizons, 2021, 8, 612-618.	12.2	34
18	2D/2D atomic double-layer WS ₂ /Nb ₂ O ₅ shell/core nanosheets with ultrafast interfacial charge transfer for boosting photocatalytic H ₂ evolution. Chinese Chemical Letters, 2021, 32, 3128-3132.	9.0	23

#	ARTICLE	IF	CITATIONS
19	Bio-inspired nanostructured g-C ₃ N ₄ -based photocatalysts: A comprehensive review. Chinese Journal of Catalysis, 2022, 43, 2141-2172.	14.0	23
20	Construction of high-efficiency CoS@Nb ₂ O ₅ heterojunctions accelerating charge transfer for boosting photocatalytic hydrogen evolution. Chinese Chemical Letters, 2022, 33, 4700-4704.	9.0	22
21	Sea-urchin-like ReS ₂ nanosheets with charge edge-collection effect as a novel cocatalyst for high-efficiency photocatalytic H ₂ evolution. Chinese Chemical Letters, 2022, 33, 943-947.	9.0	14
22	Enhancing the cycling stability of Na-ion batteries by bonding MoS ₂ on assembled carbon-based materials. Nano Materials Science, 2019, 1, 310-317.	8.8	9
23	Synergistic antibiosis with spatiotemporal controllability based on multiple-responsive hydrogel for infectious cutaneous wound healing. Smart Materials in Medicine, 2022, 3, 304-314.	6.7	9