

Linlu Bai

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

623734

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#	ARTICLE	IF	CITATIONS
1	Dual-metal Ni and Fe phthalocyanine/boron-doped g-C ₃ N ₄ Z-scheme 2D-heterojunctions for visible-light selective aerobic alcohol oxidation. Journal of Materials Chemistry A, 2022, 10, 12062-12069.	10.3	8
2	Synthesis of mixed-valence Cu phthalocyanine/graphene/g-C ₃ N ₄ ultrathin heterojunctions as efficient photocatalysts for CO ₂ reduction. Catalysis Science and Technology, 2022, 12, 4817-4825.	4.1	6
3	Synergetic Subnano Ni and Mn Oxo Clusters Anchored by Chitosan Oligomers on 2D g-C ₃ N ₄ Boost Photocatalytic CO ₂ Reduction. Solar Rrl, 2021, 5, 2000472.	5.8	20
4	Construction of Six Oxygen-Coordinated Single Ni Sites on g-C ₃ N ₄ with Boron Oxo Species for Photocatalytic Water Activation-Induced CO ₂ Reduction. Advanced Materials, 2021, 33, e2105482.	21.0	128
5	Synthesis of nanosized Ag-modified 2D/2D hydroxylated g-C ₃ N ₄ /TS-1 Z-scheme nanocomposites for efficient photocatalytic CO ₂ reduction. Materials Research Bulletin, 2020, 130, 110926.	5.2	33
6	The synthesis of interface-modulated ultrathin Ni(<i>scp</i>) MOF/g-C ₃ N ₄ heterojunctions as efficient photocatalysts for CO ₂ reduction. Nanoscale, 2020, 12, 10010-10018.	5.6	64
7	Innentitelbild: Dimension-Matched Zinc Phthalocyanine/BiVO ₄ Ultrathin Nanocomposites for CO ₂ Reduction as Efficient Wide-Visible-Light-Driven Photocatalysts via a Cascade Charge Transfer (Angew. Chem. 32/2019). Angewandte Chemie, 2019, 131, 10878-10878.	2.0	0
8	Improved Photoactivities of Large-surface-area g-C ₃ N ₄ for CO ₂ Conversion by Controllably Introducing Co and Ni Species to Effectively Modulate Photogenerated Charges. ChemCatChem, 2019, 11, 6282-6287.	3.7	15
9	Dimension-Matched Zinc Phthalocyanine/BiVO ₄ Ultrathin Nanocomposites for CO ₂ Reduction as Efficient Wide-Visible-Light-Driven Photocatalysts via a Cascade Charge Transfer. Angewandte Chemie, 2019, 131, 10989-10994.	2.0	44
10	Dimension-Matched Zinc Phthalocyanine/BiVO ₄ Ultrathin Nanocomposites for CO ₂ Reduction as Efficient Wide-Visible-Light-Driven Photocatalysts via a Cascade Charge Transfer. Angewandte Chemie - International Edition, 2019, 58, 10873-10878.	13.8	168
11	Synthesis of Si-O-Bridged g-C ₃ N ₄ /WO ₃ 2D-Heterojunctional Nanocomposites as Efficient Photocatalysts for Aerobic Alcohol Oxidation and Mechanism Insight. ACS Sustainable Chemistry and Engineering, 2019, 7, 9916-9927.	6.7	44
12	Review of strategies for the fabrication of heterojunctional nanocomposites as efficient visible-light catalysts by modulating excited electrons with appropriate thermodynamic energy. Journal of Materials Chemistry A, 2019, 7, 10879-10897.	10.3	98
13	Improved visible-light photoactivity of Pt/g-C ₃ N ₄ nanosheets for solar fuel production via pretreated boric acid modification. Research on Chemical Intermediates, 2019, 45, 249-259.	2.7	16
14	Synthesis of Large Surface Area g-C ₃ N ₄ Comodified with MnO _x and Au-TiO ₂ as Efficient Visible-Light Photocatalysts for Fuel Production. Advanced Energy Materials, 2018, 8, 1701580.	19.5	157
15	Improved Visible-Light Activities of Rutile Nanorod by Comodifying Highly Dispersed Surface Plasmon Resonance Au Nanoparticles and HF Groups for Aerobic Selective Alcohol Oxidation. ACS Sustainable Chemistry and Engineering, 2018, 6, 14652-14659.	6.7	14
16	Efficient photodecomposition of 2,4-dichlorophenol on recyclable phase-mixed hierarchically structured Bi ₂ O ₃ coupled with phosphate-bridged nano-SnO ₂ . Environmental Science: Nano, 2017, 4, 1147-1154.	4.3	37
17	Enhanced photoelectrochemical activities for water oxidation and phenol degradation on WO ₃ nanoplates by transferring electrons and trapping holes. Scientific Reports, 2017, 7, 1303.	3.3	23
18	Exceptional Visible-Light-Driven Cocatalyst-Free Photocatalytic Activity of g-C ₃ N ₄ by Well Designed Nanocomposites with Plasmonic Au and SnO ₂ . Advanced Energy Materials, 2016, 6, 1601190.	19.5	207