Linlu Bai

List of Publications by Year
in descending order

18	1,083	623734 14	839539 18
papers	citations	h-index	g-index

19	19	19	1508
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exceptional Visibleâ€Lightâ€Driven Cocatalystâ€Free Photocatalytic Activity of gâ€C₃N₄ by Well Designed Nanocomposites with Plasmonic Au and SnO₂. Advanced Energy Materials, 2016, 6, 1601190.	19.5	207
2	Dimensionâ€Matched Zinc Phthalocyanine/BiVO₄ Ultrathin Nanocomposites for CO₂ Reduction as Efficient Wideâ€Visibleâ€Lightâ€Driven Photocatalysts via a Cascade Charge Transfer. Angewandte Chemie - International Edition, 2019, 58, 10873-10878.	13.8	168
3	Synthesis of Large Surfaceâ€Area gâ€C₃N₄ Comodified with MnO_x and Auâ€TiO₂ as Efficient Visibleâ€Light Photocatalysts for Fuel Production. Advanced Energy Materials, 2018, 8, 1701580.	19.5	157
4	Construction of Sixâ€Oxygenâ€Coordinated Single Ni Sites on gâ€C₃N₄ with Boronâ€Oxo Species for Photocatalytic Waterâ€Activationâ€Induced CO₂ Reduction. Advanced Materials, 2021, 33, e2105482.	21.0	128
5	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
6	The synthesis of interface-modulated ultrathin Ni(<scp>ii</scp>) MOF/g-C₃N₄ heterojunctions as efficient photocatalysts for CO₂ reduction. Nanoscale, 2020, 12, 10010-10018.	5.6	64
7	Dimensionâ€Matched Zinc Phthalocyanine/BiVO₄ Ultrathin Nanocomposites for CO₂ Reduction as Efficient Wideâ€Visibleâ€Lightâ€Driven Photocatalysts via a Cascade Charge Transfer. Angewandte Chemie, 2019, 131, 10989-10994.	2.0	44
8	Synthesis of Siâ€“O-Bridged g-C₃N₄/WO₃ 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
9	Efficient photodecomposition of 2,4-dichlorophenol on recyclable phase-mixed hierarchically structured Bi₂O₃ coupled with phosphate-bridged nano-SnO₂. Environmental Science: Nano, 2017, 4, 1147-1154.	4.3	37
10	Synthesis of nanosized Ag-modified 2D/2D hydroxylated g-C3N4/TS-1 Z-scheme nanocomposites for efficient photocatalytic CO2 reduction. Materials Research Bulletin, 2020, 130, 110926.	5.2	33
11	Enhanced photoelectrochemical activities for water oxidation and phenol degradation on WO3 nanoplates by transferring electrons and trapping holes. Scientific Reports, 2017, 7, 1303.	3.3	23
12	Synergetic Subnano Niâ€and Mnâ€Oxo Clusters Anchored by Chitosan Oligomers on 2D gâ€C 3 N 4 Boost Photocatalytic CO 2 Reduction. Solar Rrl, 2021, 5, 2000472.	5.8	20
13	Improved visible-light photoactivity of Pt/g-C3N4 nanosheets for solar fuel production via pretreated boric acid modification. Research on Chemical Intermediates, 2019, 45, 249-259.	2.7	16
14	Improved Photoactivities of Largeâ€surfaceâ€area gâ€C₃N₄ for CO₂ Conversion by Controllably Introducing Coâ€and Niâ€Species to Effectively Modulate Photogenerated Charges. ChemCatChem, 2019, 11, 6282-6287.	3.7	15
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	Dual-metal Ni and Fe phthalocyanine/boron-doped g-C₃N₄Z-scheme 2D-heterojunctions for visible-light selective aerobic alcohol oxidation. Journal of Materials Chemistry A, 2022, 10, 12062-12069.	10.3	8
17	Synthesis of mixed-valence Cu phthalocyanine/graphene/g-C₃N₄ ultrathin heterojunctions as efficient photocatalysts for CO₂ reduction. Catalysis Science and Technology, 2022, 12, 4817-4825.	4.1	6
18	Innentitelbild: Dimensionâ€Matched Zinc Phthalocyanine/BiVO₄ Ultrathin Nanocomposites for CO₂ Reduction as Efficient Wideâ€Visibleâ€Lightâ€Driven Photocatalysts via a Cascade Charge Transfer (Angew. Chem. 32/2019). Angewandte Chemie, 2019, 131, 10878-10878.	2.0	0