

Oxygen vacancy-rich 2D/2D BiOCl-g-C₃N₄ ultrathin heterostructure with enhanced visible-light-driven photocatalytic activity in

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Visible-light-driven photocatalytic activation of peroxymonosulfate by Cu ₂ (OH)PO ₄ for effective decontamination. <i>Chemosphere</i> , 2018, 201, 197-205.	4.2	34
4	Controlled formation of a flower-like CdWO ₄ @ BiOCl/Bi ₂ WO ₆ ternary hybrid photocatalyst with enhanced photocatalytic activity through one-pot hydrothermal reaction. <i>New Journal of Chemistry</i> , 2018, 42, 9236-9243.	1.4	16
5	Fabrication of Ag/CDots/BiOBr ternary photocatalyst with enhanced visible-light driven photocatalytic activity for 4-chlorophenol degradation. <i>Journal of Molecular Liquids</i> , 2018, 262, 194-203.	2.3	43
6	Facile solution synthesis of Cu ₂ O @ Cu(OH) ₂ hierarchical nanostructures for effective catalytic ozone decomposition. <i>CrystEngComm</i> , 2018, 20, 3096-3104.	1.3	50
7	Facile fabrication of novel Cd ₃ (C ₃ N ₃ S ₃) ₂ /CdS porous composites and their photocatalytic performance for toluene selective oxidation under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2018, 233, 243-249.	10.8	55
8	Role of Interfaces in Two-Dimensional Photocatalyst for Water Splitting. <i>ACS Catalysis</i> , 2018, 8, 2253-2276.	5.5	773
9	Covalently bonded 2D/2D O-g-C ₃ N ₄ /TiO ₂ heterojunction for enhanced visible-light photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2018, 237, 1130-1138.	10.8	129
10	Hierarchical heterostructures of p-type bismuth oxychloride nanosheets on n-type zinc ferrite electrospun nanofibers with enhanced visible-light photocatalytic activities and magnetic separation properties. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 110-120.	5.0	42
11	Insight into the dual-channel charge-carrier transfer path for nonmetal plasmonic tungsten oxide based composites with boosted photocatalytic activity under full-spectrum light. <i>Applied Catalysis B: Environmental</i> , 2018, 235, 225-237.	10.8	184
12	Exceptional synergistic enhancement of the photocatalytic activity of SnS ₂ by coupling with polyaniline and N-doped reduced graphene oxide. <i>Applied Catalysis B: Environmental</i> , 2018, 236, 53-63.	10.8	274
13	Hierarchical structure NiO/CdS for highly performance H ₂ evolution. <i>Materials Letters</i> , 2018, 224, 82-85.	1.3	31
14	2D/2D FeOCl/graphite oxide heterojunction with enhanced catalytic performance as a photo-Fenton catalyst. <i>New Journal of Chemistry</i> , 2018, 42, 6896-6902.	1.4	28
15	Utilization of LaCoO ₃ as an efficient co-catalyst to boost the visible light photocatalytic performance of g-C ₃ N ₄ . <i>Separation and Purification Technology</i> , 2018, 201, 309-317.	3.9	37
16	Phosphorus and sulfur codoped g-C ₃ N ₄ as an efficient metal-free photocatalyst. <i>Carbon</i> , 2018, 127, 374-383.	5.4	220
17	Fabrication of the heterojunction catalyst BiVO ₄ /P25 and its visible-light photocatalytic activities. <i>Royal Society Open Science</i> , 2018, 5, 180752.	1.1	12
18	Simultaneous morphology, band structure, and defect optimization of graphitic carbon nitride microsphere by the precursor concentration to boost photocatalytic activity. <i>Journal of Materials Research</i> , 2018, 33, 3917-3927.	1.2	12
19	Green synthesis of catalytic gold/bismuth oxyiodide nanocomposites with oxygen vacancies for treatment of bacterial infections. <i>Nanoscale</i> , 2018, 10, 11808-11819.	2.8	47
20	Graphene oxide and carbon nanodots co-modified BiOBr nanocomposites with enhanced photocatalytic 4-chlorophenol degradation and mechanism insight. <i>Journal of Colloid and Interface Science</i> , 2018, 527, 78-86.	5.0	39

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21	Fabrication of a novel few-layer WS ₂ /Bi ₂ MoO ₆ plate-on-plate heterojunction structure with enhanced visible-light photocatalytic activity. Dalton Transactions, 2018, 47, 10046-10056.	1.6	42
22	Motivating visible light photocatalytic activity of ultrathin Bi ₂ O ₂ (OH) _x Cl _{2-2x} solid solution with exposed {001} facets by the co-effect of oxygen vacancy and OH replacement. Nanoscale, 2018, 10, 15294-15302.	2.8	21
23	Solvent-Free Synthesis of Bismuth Oxychloride Microflower/Nanosheet Homo Junctions for Photoactivity Enhancement. ChemCatChem, 2018, 10, 3726-3735.	1.8	16
24	Highly Efficient Performance and Conversion Pathway of Photocatalytic CH ₃ SH Oxidation on Self-Stabilized Indirect Z-Scheme g-C ₃ N ₄ /I ³⁺ -BiOI. ACS Applied Materials & Interfaces, 2018, 10, 18693-18708.	4.0	75
25	One-Step Hydrothermal Synthesis of ZnS Quantum Dots-Reduced Graphene Oxide Composites with Enhanced Photocatalytic Activity. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800082.	0.8	13
26	Ultrathin two-dimensional BiOBr _{1-x} solid solution with rich oxygen vacancies for enhanced visible-light-driven photoactivity in environmental remediation. Applied Catalysis B: Environmental, 2018, 236, 222-232.	10.8	183
27	g-C ₃ N ₄ /BiYO ₃ Composite for Photocatalytic Hydrogen Evolution. ChemistrySelect, 2018, 3, 5891-5899.	0.7	21
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30	Photocatalytic nitrogen fixation: the role of defects in photocatalysts. Journal of Materials Chemistry A, 2019, 7, 19616-19633.	5.2	198
31	Multi-functional amorphous TiO ₂ layer on ZIF-67 for enhanced CO ₂ photoreduction performances under visible light. Journal of CO ₂ Utilization, 2019, 34, 411-421.	3.3	43
32	g-C ₃ N ₄ /oxygen-deficient BiOCl nanocomposite assisted by distinguished properties of graphene quantum dots for the efficient photocatalytic removal of organic vapors. Applied Surface Science, 2019, 493, 873-881.	3.1	21
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34	Alkali-assisted synthesis of direct Z-scheme based Bi ₂ O ₃ /Bi ₂ MoO ₆ photocatalyst for highly efficient photocatalytic degradation of phenol and hydrogen evolution reaction. Journal of Catalysis, 2019, 375, 399-409.	3.1	108
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36	Functionalized Hybridization of 2D Nanomaterials. Advanced Science, 2019, 6, 1901837.	5.6	77
37	Modified Graphitic Carbon Nitride Nanosheets for Efficient Photocatalytic Hydrogen Evolution. ChemSusChem, 2019, 12, 4996-5006.	3.6	43
38	Carbon black decorated BiOCl with largely enhanced photocatalytic activity toward removal of RhB. Solid State Sciences, 2019, 97, 105989.	1.5	28

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40	Boosting NIR-Driven Photocatalytic Activity of BiOBr:Yb ³⁺ /Er ³⁺ /Ho ³⁺ Nanosheets by Enhanced Green Upconversion Emissions via Energy Transfer from Er ³⁺ to Ho ³⁺ Ions. ACS Sustainable Chemistry and Engineering, 2019, 7, 18185-18196.	3.2	40
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43	Design and Verification of Integrated Ship Monitoring Network with High Reliability and Zero-time Self-healing. , 2019, , .		1
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45	Powerful combination of g-C ₃ N ₄ and LDHs for enhanced photocatalytic performance: A review of strategy, synthesis, and applications. Advances in Colloid and Interface Science, 2019, 272, 101999.	7.0	127
46	2D/3D interface engineering: direct Z-scheme g-C ₃ N ₄ /YMnO ₃ heterojunction for reinforced visible-light photocatalytic oxidation. Journal of Materials Science: Materials in Electronics, 2019, 30, 17601-17611.	1.1	18
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58	Mesoporous g-C ₃ N ₄ /Zn-Ti LDH laminated van der Waals heterojunction nanosheets as remarkable visible-light-driven photocatalysts. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 16348-16358.	3.8	49
59	Visible-light responsive g-C ₃ N ₄ coupled with ZnS nanoparticles via a rapid microwave route: Characterization and enhanced photocatalytic activity. <i>Applied Surface Science</i> , 2019, 488, 360-369.	3.1	34
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63	Density functional theory calculation on two-dimensional MoS ₂ /BiOX (X = Cl, Br, I) van der Waals heterostructures for photocatalytic action. <i>Applied Surface Science</i> , 2019, 492, 157-165.	3.1	65
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65	Improved photocatalytic degradation of perfluorooctanoic acid on oxygen vacancies-tunable bismuth oxychloride nanosheets prepared by a facile hydrolysis. <i>Journal of Hazardous Materials</i> , 2019, 377, 371-380.	6.5	73
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70	Orienting the charge transfer path of type-II heterojunction for photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117853.	10.8	65
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76	Hydroxylated carbon nanotube/carbon nitride nanobelt composites with enhanced photooxidation and H ₂ evolution efficiency. <i>Carbon</i> , 2019, 150, 340-348.	5.4	57
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126	Facile synthesis of low crystalline BiOCl-based thermally-responsive photocatalyst with enhanced catalytic performance for photodegrading rhodamine B solution. Journal of Alloys and Compounds, 2020, 819, 153042.	2.8	20
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