

S-scheme Sb₂WO₆/g-C₃N₄ photocatalysts with enhanced photocatalytic NO oxidation performance

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Citation Report

#	ARTICLE	IF	CITATIONS
1	1D/2D Heterostructured Photocatalysts: From Design and Unique Properties to Their Environmental Applications. <i>Small</i> , 2020, 16, e2005051.	5.2	93
2	Metal-free polymeric (SCN) _n photocatalyst with adjustable bandgap for efficient organic pollutants degradation and Cr(VI) reduction under visible-light irradiation. <i>Chemical Engineering Journal</i> , 2020, 402, 126147.	6.6	42
3	Dual defects and build-in electric field mediated direct Z-scheme W ₁₈ O ₄₉ /g-C ₃ N ₄ heterojunction for photocatalytic NO removal and organic pollutant degradation. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 212-226.	5.0	71
4	Biomimetic design and synthesis of visible-light-driven g-C ₃ N ₄ nanotube @polydopamine/NiCo-layered double hydroxides composite photocatalysts for improved photocatalytic hydrogen evolution activity. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 464-473.	5.0	52
5	High efficiency photocatalytic degradation of indoor formaldehyde with silver-doped ZnO/g-C ₃ N ₄ composite catalyst under the synergistic effect of silver plasma effect and heterojunction. <i>Optical Materials</i> , 2021, 111, 110721.	1.7	31
6	The synergy of thermal exfoliation and phosphorus doping in g-C ₃ N ₄ for improved photocatalytic H ₂ generation. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3595-3604.	3.8	22
7	Effect of reactant sequence on the structure and properties of self-assembled TiO ₂ microspheres with exposed {001} surfaces. <i>CrystEngComm</i> , 2021, 23, 724-729.	1.3	2
8	Surface defect engineering and morphology control of graphitic carbon nitride with synergistically improved photocatalytic performance. <i>New Journal of Chemistry</i> , 2021, 45, 13949-13955.	1.4	6
9	Green and Eco-Friendly Synthesis of Nanophotocatalysts: An Overview. <i>Comments on Inorganic Chemistry</i> , 2021, 41, 133-187.	3.0	32
10	A comparison study of the Bi ₂ WO ₆ based composite photocatalysts for the degradation of bisphenol A (BPA) under visible-light irradiation. <i>International Journal of Environmental Analytical Chemistry</i> , 0, 1-16.	1.8	2
11	Step-scheme heterojunction photocatalysts for solar energy, water splitting, CO ₂ conversion, and bacterial inactivation: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 2941-2966.	8.3	162
12	Surface Engineering of 2D Carbon Nitride with Cobalt Sulfide Cocatalyst for Enhanced Photocatalytic Hydrogen Evolution. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2100012.	0.8	6
13	In ₂ Se ₃ /CdS nanocomposites as high efficiency photocatalysts for hydrogen production under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 15539-15549.	3.8	19
14	S ⁺ Scheme Photocatalytic Systems. <i>Solar Rrl</i> , 2021, 5, 2100118.	3.1	128
15	Novel AgI/BiSbO ₄ heterojunction for efficient photocatalytic degradation of organic pollutants under visible light: Interfacial electron transfer pathway, DFT calculation and degradation mechanism study. <i>Journal of Hazardous Materials</i> , 2021, 410, 124948.	6.5	132
16	Construction of BiOCl/CuBi ₂ O ₄ S-scheme heterojunction with oxygen vacancy for enhanced photocatalytic diclofenac degradation and nitric oxide removal. <i>Chemical Engineering Journal</i> , 2021, 411, 128555.	6.6	200
17	Fabrication of ZnO/Au@Cu ₂ O heterojunction towards deeply oxidative photodegradation of organic dyes. <i>Separation and Purification Technology</i> , 2021, 262, 118301.	3.9	23
18	Construction of S-scheme Bi ₂ WO ₆ /g-C ₃ N ₄ heterostructure nanosheets with enhanced visible-light photocatalytic degradation for ammonium dinitramide. <i>Journal of Hazardous Materials</i> , 2021, 412, 125217.	6.5	144

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19	Fabrication of S-scheme CdS-g-C ₃ N ₄ -graphene aerogel heterojunction for enhanced visible light driven photocatalysis. Environmental Research, 2021, 197, 111136.	3.7	93
20	Direct catalytic nitrogen oxide removal using thermal, electrical or solar energy. Chinese Chemical Letters, 2022, 33, 1117-1130.	4.8	8
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22	Carbon dots modified bismuth antimonate for broad spectrum photocatalytic degradation of organic pollutants: Boosted charge separation, DFT calculations and mechanism unveiling. Chemical Engineering Journal, 2021, 418, 129460.	6.6	55
23	Novel S-scheme 2D/2D BiOBr/g-C ₃ N ₄ heterojunctions with enhanced photocatalytic activity. Chinese Journal of Catalysis, 2021, 42, 1519-1529.	6.9	205
24	g-C ₃ N ₄ -Based 2D/2D Composite Heterojunction Photocatalyst. Small Structures, 2021, 2, 2100086.	6.9	127
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26	First-principles and experiment investigation of Bi ₂ O ₃ /Bi ₂ WO ₆ heterojunctions. Colloids and Interface Science Communications, 2021, 44, 100502.	2.0	4
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42	One-step synergistic optimization of hierarchical pore topology and nitrogen dopants in activated coke for efficient catalytic oxidation of nitric oxide. <i>Journal of Cleaner Production</i> , 2022, 335, 130360.	4.6	8
43	Photocatalytic degradation of ammonium dinitramide over novel S-scheme g-C ₃ N ₄ /BiOBr heterostructure nanosheets. <i>Separation and Purification Technology</i> , 2022, 286, 120449.	3.9	43
44	Solar fuel generation over nature-inspired recyclable TiO ₂ /g-C ₃ N ₄ S-scheme hierarchical thin-film photocatalyst. <i>Journal of Materials Science and Technology</i> , 2022, 112, 1-10.	5.6	101
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