

Control of energy band, layer structure and vacancy defect
intercalated hydrogen bond effect of NO₃⁻ toward imp

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Visible-light-driven Ag/Bi ₃ O ₄ Cl nanocomposite photocatalyst with enhanced photocatalytic activity for degradation of tetracycline. RSC Advances, 2018, 8, 37200-37207.	1.7	65
3	Fe (III)-grafted Bi ₂ MoO ₆ nanoplates for enhanced photocatalytic activities on tetracycline degradation and HMF oxidation. Applied Organometallic Chemistry, 2019, 33, e5187.	1.7	23
4	Fabrication of novel g-C ₃ N ₄ nanosheet/carbon dots/Ag ₆ Si ₂ O ₇ nanocomposites with high stability and enhanced visible-light photocatalytic activity. Journal of the Taiwan Institute of Chemical Engineers, 2019, 103, 94-109.	2.7	68
5	Fabricated rGO-modified Ag ₂ S nanoparticles/g-C ₃ N ₄ nanosheets photocatalyst for enhancing photocatalytic activity. Journal of Colloid and Interface Science, 2019, 554, 468-478.	5.0	74
6	Electron beam irradiation treatment of Ag/Bi ₂ WO ₆ /CdWO ₄ heterogeneous material with enhanced photocatalytic activity. New Journal of Chemistry, 2019, 43, 13764-13774.	1.4	5
7	Basic properties and photo-generated carrier dynamics of bismuth vanadate composites modified with CQDs, MWCNTs and rGO. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 580, 123678.	2.3	9
8	Z-scheme mpg-C ₃ N ₄ /Ag ₆ Si ₂ O ₇ heterojunction for highly efficient photocatalytic degradation of organic pollutants under visible light. Journal of Alloys and Compounds, 2019, 803, 834-843.	2.8	24
9	Synthesis of mesoporous g-C ₃ N ₄ /S-PAN ĩ-conjugation heterojunction via sulfur-induced cyclization reaction for enhanced photocatalytic H ₂ production. International Journal of Hydrogen Energy, 2019, 44, 20029-20041.	3.8	54
10	One-step facile fabrication of visible light driven antifouling carbon cloth fibers membrane for efficient oil-water separation. Separation and Purification Technology, 2019, 228, 115769.	3.9	25
11	Z-scheme MoS ₂ /Bi ₂ O ₃ heterojunctions: enhanced photocatalytic degradation performance and mechanistic insight. New Journal of Chemistry, 2019, 43, 11876-11886.	1.4	38
12	Fabrication of 2D/OD Heterojunction Based on the Dual Controls of Micro/Nano-Morphology and Structure Towards High-Efficiency Photocatalytic H ₂ Production. ChemCatChem, 2019, 11, 6263-6269.	1.8	14
13	Preparation of carbon-supported CdS photocatalysts with high performance of dye photodegradation using cadmium-enriched Perilla frutescens biomass. Inorganic Chemistry Communication, 2019, 109, 107559.	1.8	25
14	Construction of Heterogenous Sâ€“S MoS ₂ /SnS ₂ /r-GO Heterojunction for Efficient CO ₂ Photoreduction. Inorganic Chemistry, 2019, 58, 15590-15601.	1.9	42
15	Enhanced degradation of rhodamine B, tetracycline and carbamazepine by construction of a solar driven indirect Z-scheme AgI/Ag/Bi ₂ O ₂ CO ₃ nanosheets photocatalyst. Journal of Materials Science: Materials in Electronics, 2019, 30, 17227-17238.	1.1	6
16	Removal, potential reaction pathways, and overall cost analysis of various pollution parameters and toxic odor compounds from the effluents of turkey processing plant using TiO ₂ -assisted UV/O ₃ process. Journal of Environmental Management, 2019, 248, 109298.	3.8	11
17	Synthesis of magnetic biomass carbon-based Bi ₂ O ₃ photocatalyst and mechanism insight by a facile microwave and deposition method. New Journal of Chemistry, 2019, 43, 2888-2898.	1.4	16
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19	Heterojunction photocatalyst fabricated by deposition Co ₃ O ₄ nanoparticles on MoS ₂ nanosheets with enhancing photocatalytic performance and mechanism insight. Journal of the Taiwan Institute of Chemical Engineers, 2019, 97, 158-169.	2.7	41

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20	Evaluation of self-cleaning and photocatalytic properties of modified g-C ₃ N ₄ based PVDF membranes driven by visible light. <i>Journal of Colloid and Interface Science</i> , 2019, 541, 356-366.	5.0	93
21	Improved charge transfer by size-dependent plasmonic Au on C ₃ N ₄ for efficient photocatalytic oxidation of RhB and CO ₂ reduction. <i>Chinese Journal of Catalysis</i> , 2019, 40, 928-939.	6.9	104
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24	Enhanced photocatalytic activity of a hydrogen bond-assisted 2D/2D Z-scheme SnNb ₂ O ₆ /Bi ₂ WO ₆ system: Highly efficient separation of photoinduced carriers. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 678-688.	5.0	47
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39	A visible-light-driven Z-scheme CdS/Bi ₁₂ GeO ₂₀ heterostructure with enhanced photocatalytic degradation of various organics and the reduction of aqueous Cr(VI). <i>Journal of Colloid and Interface Science</i> , 2019, 543, 317-327.	5.0	67
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