

Facile construction of novel organic–inorganic tetra (porphyrin/Bi₂MoO₆ heterojunction for tetracycline degradation pathways, intermediate toxicity analysis and

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Highly enhanced photodegradation of emerging pollutants by Ag/AgCl/Ta ₂ O ₅ mesocrystals. Separation and Purification Technology, 2021, 279, 119733.	3.9	39
2	Construction of an efficient and durable hierarchical porous CuO/SiO ₂ monolith for synergistically boosting the visible-light-driven degradation of organic pollutants. Separation and Purification Technology, 2021, 279, 119759.	3.9	16
3	Well-designed three-dimensional hierarchical hollow tubular g-C ₃ N ₄ /ZnIn ₂ S ₄ nanosheets heterostructure for achieving efficient visible-light photocatalytic hydrogen evolution. Journal of Colloid and Interface Science, 2022, 607, 1391-1401.	5.0	139
4	Photocatalytic degradation of tetracycline antibiotic by a novel Bi ₂ Sn ₂ O ₇ /Bi ₂ MoO ₆ S-scheme heterojunction: Performance, mechanism insight and toxicity assessment. Chemical Engineering Journal, 2022, 429, 132519.	6.6	279
5	ZIF-67-derived flower-like ZnIn ₂ S ₄ @CoS ₂ heterostructures for photocatalytic hydrogen production. New Journal of Chemistry, 2021, 45, 20289-20295.	1.4	12
6	Enhanced visible-light photocatalytic bacterial inhibition using recyclable magnetic heterogeneous nanocomposites (Fe ₃ O ₄ @SiO ₂ @Ag ₂ WO ₄ @Ag ₂ S) in core/shell structure. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100601.	1.7	8
7	Enhanced photocatalytic activities of facile auto-combustion synthesized ZnO nanoparticles for wastewater treatment: An impact of Ni doping. Chemosphere, 2022, 291, 132687.	4.2	36
8	Visible-light photocatalytic tetracycline degradation over nanodots-assembled N-ZrO ₂ nanostructures: Performance, degradation pathways and mechanistic insight. Journal of Alloys and Compounds, 2022, 895, 162582.	2.8	24
9	Photocatalytic properties of flower-like BiOBr/BiOCl heterojunctions in-situ constructed by a reactable ionic liquid. Inorganic Chemistry Communication, 2021, 134, 109063.	1.8	17
10	Figures of Merit for Photocatalysis: Comparison of NiO/La-NaTaO ₃ and Synechocystis sp. PCC 6803 as a Semiconductor and a Bio-Photocatalyst for Water Splitting. Catalysts, 2021, 11, 1415.	1.6	5
11	2D/2D Schottky heterojunction of in-situ growth FAPbBr ₃ /Ti ₃ C ₂ composites for enhancing photocatalytic CO ₂ reduction. Journal of Colloid and Interface Science, 2022, 610, 538-545.	5.0	26
12	Novel 0D/2D ZnSe/SnSe heterojunction photocatalysts exhibiting enhanced photocatalytic and photoelectrochemical activities. Journal of Alloys and Compounds, 2022, 897, 163123.	2.8	15
13	Synthesis of Ag ₄ Bi ₂ O ₅ nanoparticles and evaluation of their photocatalytic activity. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 427, 113776.	2.0	2
14	Construction of a hydrangea-like Bi ₂ WO ₆ /BiOCl composite as a high-performance photocatalyst. New Journal of Chemistry, 2022, 46, 2627-2634.	1.4	14
15	3D structured TiO ₂ -based aerogel photocatalyst for the high-efficiency degradation of toluene gas. New Journal of Chemistry, 2022, 46, 2272-2281.	1.4	10
16	Topotactic formation of poriferous (Al,C)-Ta ₂ O ₅ mesocrystals for improved visible-light photocatalysis. Journal of Environmental Management, 2022, 304, 114289.	3.8	22
17	Activation of peracetic acid by RuO ₂ /MWCNTs to degrade sulfamethoxazole at neutral condition. Chemical Engineering Journal, 2022, 431, 134217.	6.6	21
18	Electrospun CuS nanoparticles/chitosan nanofiber composites for visible and near-infrared light-driven catalytic degradation of antibiotic pollutants. Chemical Engineering Journal, 2022, 431, 134059.	6.6	25

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19	Enhanced Fe ^N active site formation through interfacial energy control of precursor impregnation solution for the air cathode of membraneless direct formate fuel cells. <i>Carbon</i> , 2022, 189, 240-250.	5.4	7
20	In-situ synthesis of a novel ZnO/CuCo ₂ S ₄ p-n heterojunction photocatalyst with improved phenol and rhodamine B degradation performance and investigating the mechanism of charge carrier separation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 425, 113676.	2.0	9
21	Z-scheme 0D/3D p-Ag ₆ Si ₂ O ₇ nanoparticles-decorated n-Bi ₂ O ₂ CO ₃ micro-flowers heterojunction photocatalyst for efficient degradation of organic contaminants. <i>Journal of Alloys and Compounds</i> , 2022, 899, 163150.	2.8	15
22	Facile Construction of CoO/Bi ₂ WO ₆ p-n Heterojunction with Following Z-Scheme Pathways for Simultaneous Elimination of Tetracycline and Cr(VI) Under Visible Light Irradiation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
23	Co ₃ O ₄ -Bi ₂ O ₃ heterojunction: An effective photocatalyst for photodegradation of rhodamine B dye. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103732.	2.3	32
24	Novel organic/inorganic PDI-Urea/BiOBr S-scheme heterojunction for improved photocatalytic antibiotic degradation and H ₂ O ₂ production. <i>Chinese Chemical Letters</i> , 2022, 33, 5200-5207.	4.8	64
25	Synthesis of mesoporous zirconium manganese mixed metal oxide nanowires for photocatalytic reduction of CO ₂ . <i>Journal of Materials Research</i> , 2022, 37, 522-532.	1.2	0
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27	Epitaxial Growth of Flower-Like MoS ₂ on One-Dimensional Nickel Titanate Nanofibers: A "Sweet Spot" for Efficient Photoreduction of Carbon Dioxide. <i>Frontiers in Chemistry</i> , 2022, 10, 837915.	1.8	6
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29	Oxygen-vacancy-mediated photocatalytic degradation of tetracycline under weak visible-light irradiation over hierarchical Bi ₂ MoO ₆ @Bi ₂ O ₃ core-shell fibers. <i>Catalysis Science and Technology</i> , 2022, 12, 1685-1696.	2.1	10
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31	Facile fabrication of electrospun g-C ₃ N ₄ /Bi ₂ O ₃ /Cl ₂ /poly(acrylonitrile-co-maleic) Tj ETQq0 0 0 <i>Journal of Chemistry</i> , 2022, 46, 3727-3737.	1.4	8
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33	Construction of flower-like Ag/AgBr/BiOBr heterostructures with boosted photocatalytic activity. <i>Inorganic Chemistry Communication</i> , 2022, 137, 109254.	1.8	16
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89	Bioinspired hierarchical 3D flower-in-ridge hybrid structure for the photodegradation of persistent organic pollutants. <i>Nanoscale</i> , 2022, 14, 8130-8144.	2.8	7
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114	Popcorn-like $\text{ZnFe}_2\text{O}_4/\text{CdS}$ nanospheres for high-efficient photocatalyst degradation of rhodamine B. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 654, 130127.	2.3	7
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