

Preparation of core-shell heterojunction photocatalysts onto Bi₄Ti₃O₁₂ hierarchical microspheres and their photo- pollutants and Cr(VI) ions

Colloids and Surfaces A: Physicochemical and Engineering Aspects
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Citation Report

#	ARTICLE	IF	CITATIONS
1	Highly Photoactive Titanium Dioxide Supported Platinum Catalyst: Synthesis Using Cleaner Ultrasound Approach. Catalysts, 2022, 12, 78.	3.5	8
2	Surface doping of Bi ₄ Ti ₃ O ₁₂ with S: Enhanced photocatalytic activity, mechanism and potential photodegradation application. Materials Research Bulletin, 2022, 149, 111711.	5.2	53
3	Piezoelectric catalytic, photocatalytic and adsorption capability and selectivity removal of various dyes and mixed dye wastewater by ZnO nanoparticles. Main Group Chemistry, 2022, 21, 539-557.	0.8	7
4	Design and Photoelectric Performance of Perfect Solar Absorber Based on GaAs Grating. Frontiers in Materials, 2022, 8, .	2.4	2
5	Visible-Light-Driven Reduced Graphite Oxide as a Metal-Free Catalyst for Degradation of Colored Wastewater. Nanomaterials, 2022, 12, 374.	4.1	2
6	Bismuth/bismuth oxide-incorporated reduced graphene oxide nanocomposite: synthesis, characterisation, and photocatalytic activity. Materials Research Express, 2022, 9, 025001.	1.6	4
7	A switchable terahertz device combining ultra-wideband absorption and ultra-wideband complete reflection. Physical Chemistry Chemical Physics, 2022, 24, 2527-2533.	2.8	186
8	Development and Functionalization of Visible-Light-Driven Water-Splitting Photocatalysts. Nanomaterials, 2022, 12, 344.	4.1	17
9	Natural Clay Modified with ZnO/TiO ₂ to Enhance Pollutant Removal from Water. Catalysts, 2022, 12, 148.	3.5	16
10	Novel Z-scheme In ₂ S ₃ /Bi ₂ WO ₆ core-shell heterojunctions with synergistic enhanced photocatalytic degradation of tetracycline hydrochloride. Journal of Cleaner Production, 2022, 339, 130634.	9.3	124
11	Enhanced photocatalytic activity, mechanism and potential application of Idoped-Bi ₄ Ti ₃ O ₁₂ photocatalysts. Materials Today Chemistry, 2022, 23, 100750.	3.5	28
12	Independently tunable triple-band infrared perfect absorber based on the square loops-shaped nano-silver structure. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 139, 115122.	2.7	5
13	Bi ₄ Ti ₃ O ₁₂ /CdS Nanocomposites Enhance the Photocatalytic Degradation Performance. Nano, 0, , .	1.0	1
14	Fabrication of MnFe ₂ O ₄ spheres modified CeO ₂ nano-flakes for sustainable photodegradation of MB dye and antimicrobial activity: A brief computational investigation on reactive sites and degradation pathway. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 641, 128566.	4.7	16
15	Template-free synthesis of Bi ₂ O ₂ CO ₃ hierarchical nanotubes self-assembled from ordered nanoplates for promising photocatalytic applications. Physical Chemistry Chemical Physics, 2022, 24, 8279-8295.	2.8	100
16	Novel Scheme Towards Interfacial Charge Transfer between ZnIn ₂ S ₄ and BiOBr for Efficient Photocatalytic Removal of Organics and Chromium (Vi) from Water. SSRN Electronic Journal, 0, , .	0.4	0
17	Thermal tuning of terahertz metamaterial absorber properties based on VO ₂ . Physical Chemistry Chemical Physics, 2022, 24, 8846-8853.	2.8	197
18	Multi-mode surface plasmon resonance absorber based on dart-type single-layer graphene. RSC Advances, 2022, 12, 7821-7829.	3.6	226

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19	Z-Scheme Heterojunction of 3-Dimensional Hierarchical Bi ₃ O ₄ Cl/Bi ₅ O ₇ I for a Significant Enhancement in the Photocatalytic Degradation of Organic Pollutants (RhB and BPA). <i>Nanomaterials</i> , 2022, 12, 767.	4.1	9
20	The Structure Design and Photoelectric Properties of Wideband High Absorption Ge/GaAs/P3HT:PCBM Solar Cells. <i>Micromachines</i> , 2022, 13, 349.	2.9	3
21	Synthesis of carnation flower-like Bi ₂ O ₂ CO ₃ photocatalyst and its promising application for photoreduction of Cr(VI). <i>Advanced Powder Technology</i> , 2022, 33, 103481.	4.1	124
22	Selective Oxofunctionalization of Cyclohexane and Benzyl Alcohol over BiOI/TiO ₂ Heterojunction. <i>Catalysts</i> , 2022, 12, 318.	3.5	2
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