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Facile fabrication of TaON/Bi₂MoO₆ coreshell S-scheme heterojunction nanofibers for boosting visible-light catalytic levofloxacin degradation and Cr(VI) reduction

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#	Paper	IF	Citations
163	Photocatalytic degradation of ibuprofen using titanium oxide: insights into the mechanism and preferential attack of radicals.. 2021 , 11, 27720-27733		1
162	Progress on photocatalytic semiconductor hybrids for bacterial inactivation. 2021 , 8, 2964-3008		2
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160	Improved visible-light driven photocatalysis of a novel heterostructure by the decoration of CuS on Ag ₂ MoO ₄ nanorod: Synthesis, characterization, elucidation of photocatalytic mechanism and anti-microbial application. 2021 , 629, 127371		0
159	Highly enhanced photodegradation of emerging pollutants by Ag/AgCl/Ta ₂ O ₅ mesocrystals. <i>Separation and Purification Technology</i> , 2021 , 279, 119733	8.3	7
158	Construction of an efficient and durable hierarchical porous CuO/SiO ₂ monolith for synergistically boosting the visible-light-driven degradation of organic pollutants. <i>Separation and Purification Technology</i> , 2021 , 279, 119759	8.3	3
157	Internal electric field driving separation and migration of charge carriers via Z-scheme path in AgIn ₅ S ₈ /ZnO heterojunction for efficient decontamination of pharmaceutical pollutants. <i>Chemical Engineering Journal</i> , 2022 , 428, 132096	14.7	14
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- 12 Construction of p-n junction type Ag₂O/SnO₂ heterostructure photocatalyst for enhanced organic dye degradation under direct sunlight irradiation: Experimental and theoretical investigations. ○
- 11 Anchoring Co₃O₄ nanoparticles on conjugated polyimide ultrathin nanosheets: construction of a Z-scheme nano-heterostructure for enhanced photocatalytic performance. **2023**, 13, 853-865 ○
- 10 Fabrication of black NiO/Sr₂FeTaO₆ heterojunctions with rapid interface charge transfer for efficient photocatalytic hydrogen evolution. 10, ○
- 9 BiOBr/ZnMoO₄ Step-scheme Heterojunction: Construction and Photocatalytic Degradation Properties. **2023**, 38, 62 ○
- 8 Self-Assembly of Bi₂Sn₂O₇/Bi₂O₃ S-Scheme Heterostructures for Efficient Visible-Light-Driven Photocatalytic Degradation of Tetracycline. ○
- 7 Microwave-Assisted Rapid Substitution of Ti for Zr to Produce Bimetallic (Zr/Ti)UiO-66-NH₂ with Congenetic Shell-Core Structure for Enhancing Photocatalytic Removal of Nitric Oxide. 2207198 ○
- 6 Enhancement of Charge Separation and NIR Light Harvesting through Construction of 2D/2D Bi₄O₅I₂/BiOBr:Yb³⁺, Er³⁺ Z-Scheme Heterojunctions for Improved Full-Spectrum Photocatalytic Performance. 2207514 ○
- 5 Optimization of Electron Transport Pathway: A Novel Strategy to Solve the Photocorrosion of Ag-Based Photocatalysts. ○
- 4 Soil quality index as affected by long-time continuous cultivation in a Mediterranean sub-humid region. ○
- 3 Ce-Doped MoO₃ Photocatalyst as an Environmental Purifier for Removal of Noxious Rhodamine B Organic Pollutant in Wastewater. ○

- 2 Construction of 2D/2D g-C₃N₄@Bi_m+1Fe_m-3Ti₃O_{3m+3} (m = 4, 5, 6) S-scheme heterojunctions for efficient photocatalytic tetracycline degradation. ○
- 1 Synthesis of g-C₃N₄/SmFeO₃ nanosheets Z-scheme based nanocomposites as efficient visible light photocatalysts for CO₂ reduction and Congo red degradation. ○