

Supplementary Materials: A Novel Heterostructure of BiOI Nanosheets Anchored onto MWCNTs with Excellent Visible-Light Photocatalytic Activity

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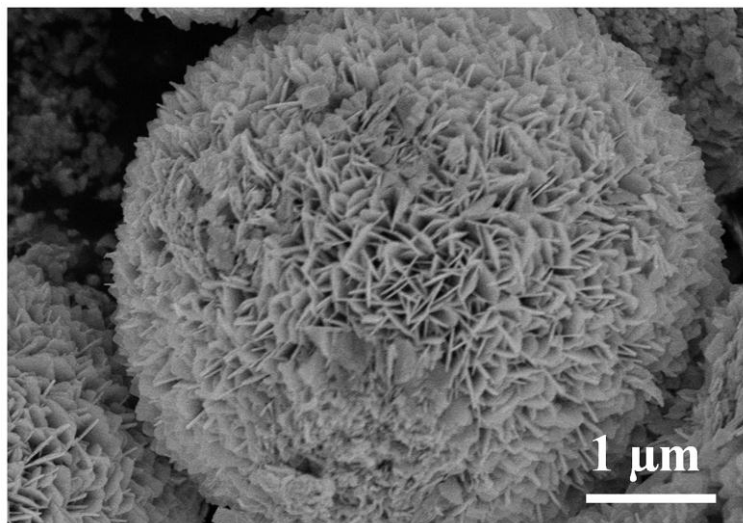


Figure S1. Scanning electron microscopy (SEM) image of pure BiOI.

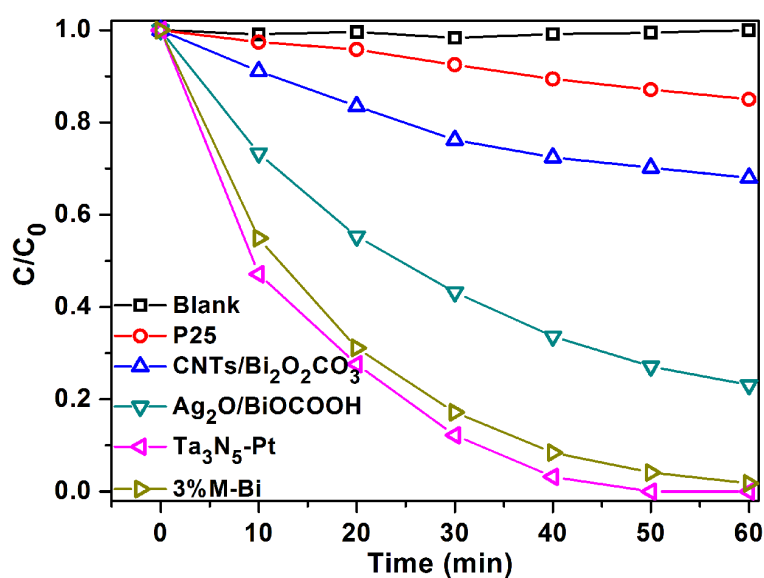


Figure S2. The photocatalytic degradation of RhB over P25, CNTs/Bi₂O₂CO₃, Ag₂O/BiOCO OH, Ta₃N₅-Pt, and 3%M-Bi (10 mg).

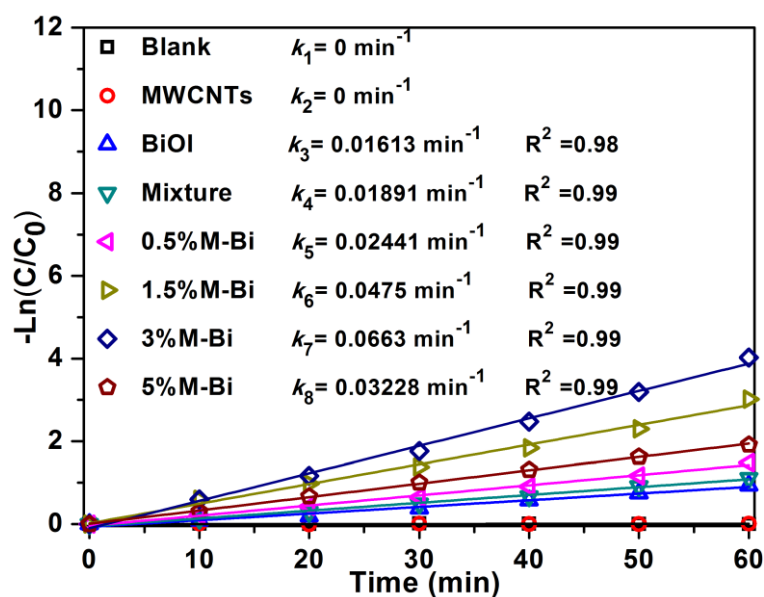


Figure S3. The rate constants of rhodamine B (RhB) in aqueous solution under visible-light irradiation ($\lambda > 400$ nm), in the absence of catalyst, and in the presence of different catalysts (10 mg).

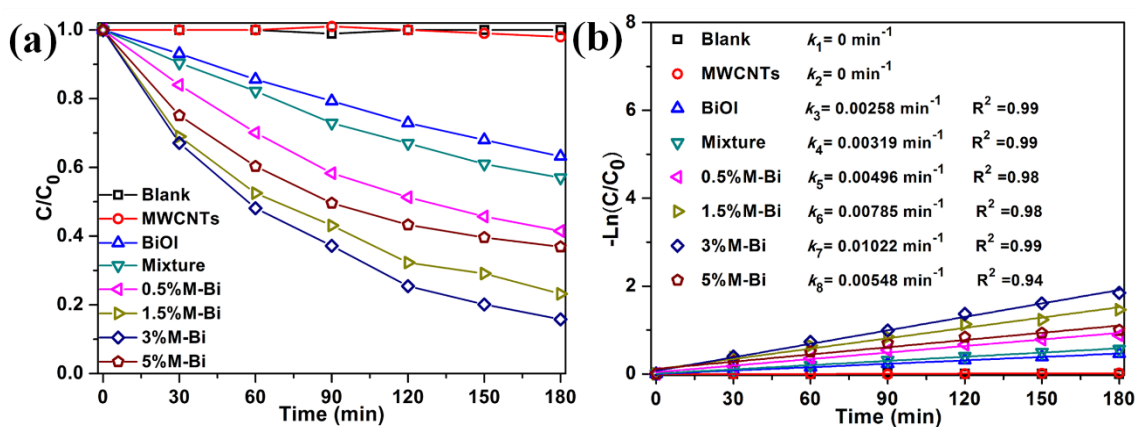


Figure S4. The degradation efficiencies (a) and rate constants (b) of methyl orange (MO) in aqueous solution (5 mg·L⁻¹, 50 mL) versus the exposure time under visible-light irradiation ($\lambda > 400$ nm), in the absence of catalysts and in the presence of as-prepared catalysts (10 mg).