

Supporting information

Facile preparation of BiOI/T-ZnOw p-n heterojunction photocatalysts with enhanced removal efficiency for rhodamine B and oxytetracycline

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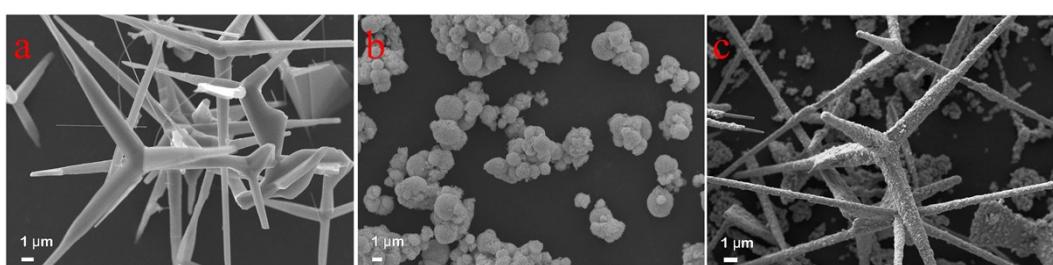


Figure S1 Low magnification SEM images of (a) T-ZnOw, (b) BiOI, and (c) BZ-10.

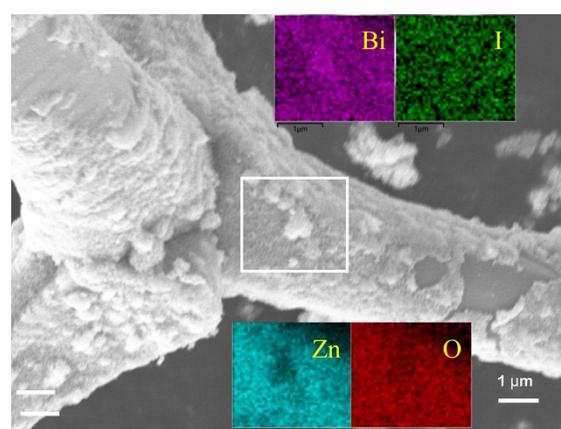


Figure S2 EDS elemental mapping image of the BZ-10 composite.

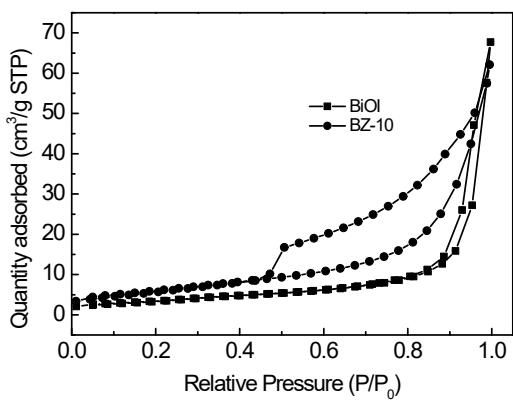


Figure S3 N_2 adsorption–desorption isotherms of BiOI and BZ-10.

Table S1 BET surface areas (S_{BET}) and pore volumes of T-ZnOw, BiOI, and BZ-10.

Samples	S_{BET} ($\text{m}^2 \text{ g}^{-1}$)	Pore volume ($\text{cm}^3 \text{ g}^{-1}$)
T-ZnOw	0.34	0.000124
BiOI	12.80	0.039188
BZ-10	22.16	0.065478

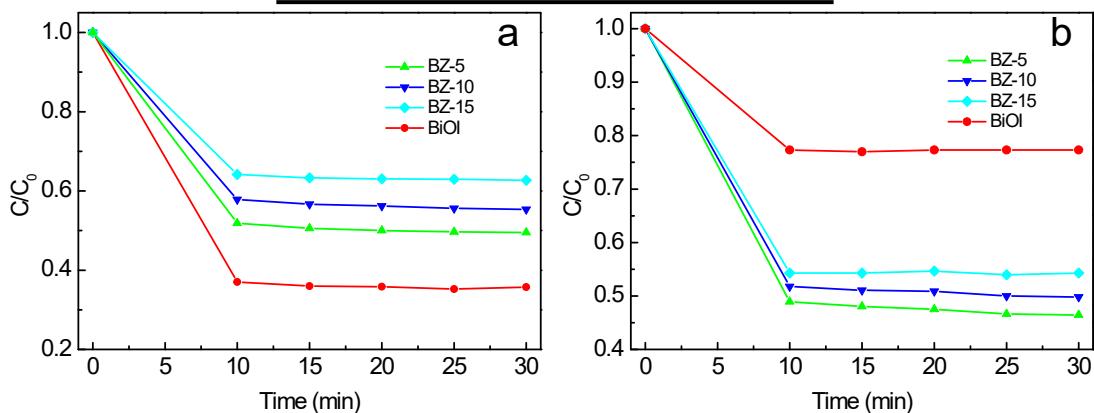


Figure S4 Adsorption behaviors of the BiOI, BZ-5, BZ-10, and BZ-15 photocatalysts for (a) RhB and

(b) OTC.

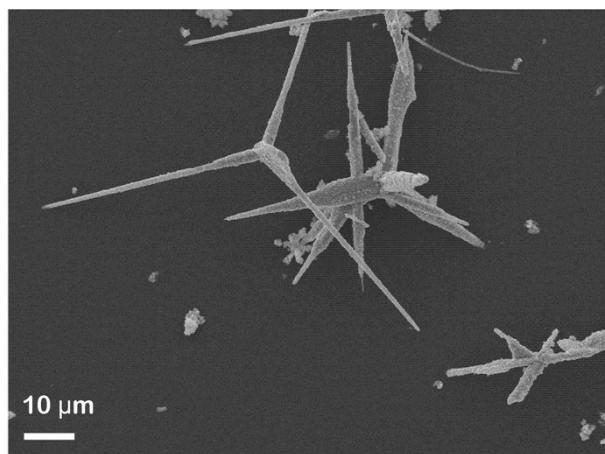


Figure S5 SEM image of the used BZ-10 photocatalyst.