Enhancing visible light photocatalytic activity of BiOBr/rod-like BiPO\(_4\) through heterojunction by a two-step method

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S1. (a) EDS and (b) FESEM elemental mapping results of 50% BiOBr/BiPO\(_4\)

S2. Photocatalytic degradation of RhB for BiOBr/BiPO\(_4\) composites with different molar ratio under visible light irradiation.
S3. Photocatalytic degradation of RhB for BiPO$_4$, BiOBr and 50% BiOBr/BiPO$_4$ under UV light irradiation.

S4. PL spectra of BiPO$_4$, BiOBr and 50% BiOBr/BiPO$_4$. 