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Supplementary materials

Unique band structure enhancing visible light photocatalytic activity of phosphorus-doped BiOI hierarchical microspheres

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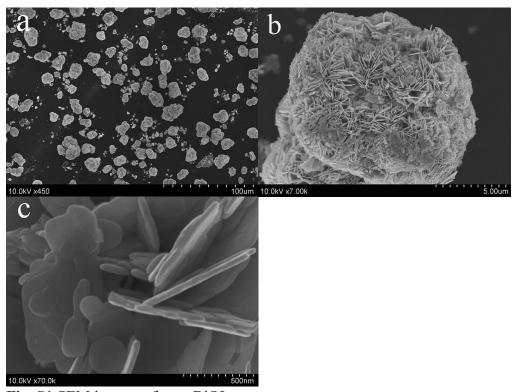
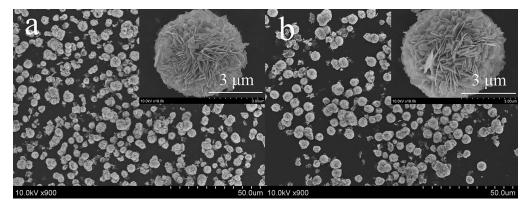


Fig. S1 SEM images of pure BiOI.



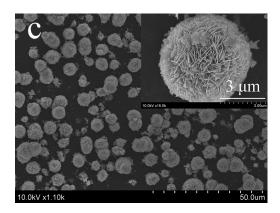


Fig. S2 SEM images of 2%P-BiOI, 6%P-BiOI and 8%P-BiOI.

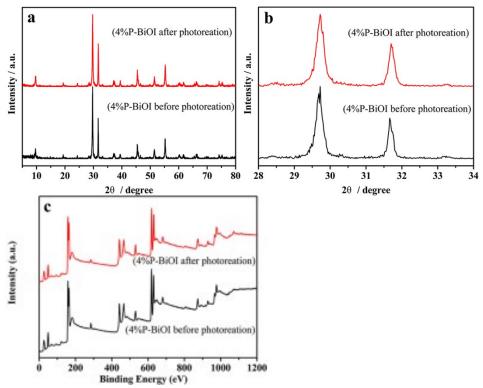


Fig. S3 (a and b) XRD of 4%P-BiOI before and after photoreaction; (c) XPS of 4%P-BiOI before and after photoreaction.