Electronic supplementary information

Hydrothermal synthesis, influencing factors and excellent photocatalytic performance of novel nanoparticles-assembled $Bi_{25}FeO_{40}$ tetrahedrons

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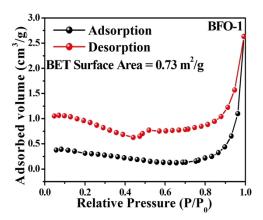


Fig. S1 Nitrogen adsorption-desorption isotherm of BFO-1.

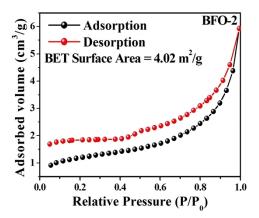


Fig. S2 Nitrogen adsorption-desorption isotherm of BFO-2.



Fig. S3 Degradation efficiencies of RhB over BFO-2 during 3 catalytic runs.

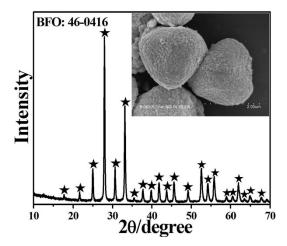


Fig. S4 XRD pattern and SEM image of BFO-2 after photocatalytic reaction.

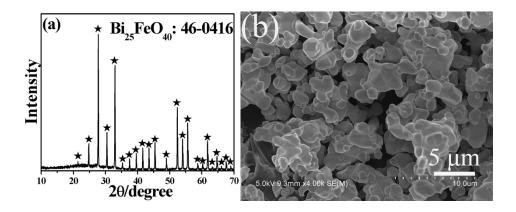


Fig. S5 The XRD pattern (a) and SEM image (b) of the BFO sample prepared via a solid state reaction.