

## Supporting Information

**Preparation of Z-scheme AgI/Bi<sub>5</sub>O<sub>7</sub>I plate with high visible light  
photocatalytic performance by phase transition and morphological  
transformation of BiOI microspheres at room temperature**

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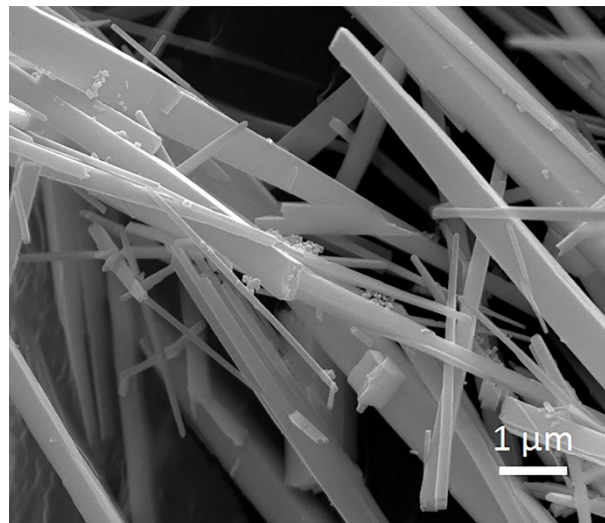


Fig. S1 SEM image of BA-4P composite

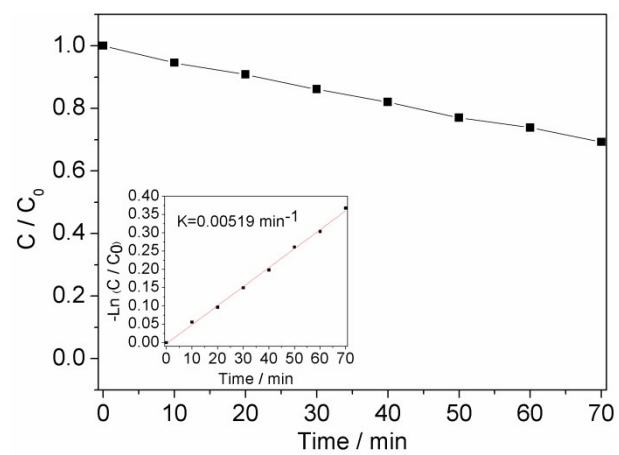


Fig. S2 (a) Photocatalytic degradation efficiency of MO by BA-4P composite (the insert is corresponding first-order kinetics plot)