

Supplementary material

Figure Captions:

Fig. S1 Nitrogen adsorption-desorption isotherm of $\text{Ag}_2\text{O}/\text{Bi}_2\text{WO}_6$ composite with Ag-0.6%. The inset is the corresponding BJH pore size distribution obtained from the desorption branch.

Fig. S2 SEM images of $\text{Ag}_2\text{O}/\text{Bi}_2\text{WO}_6$ (Ag-0.6) after five photocatalytic recycles.

Fig. S3 Photocatalytic performances of pure Bi_2WO_6 and $\text{Ag}_2\text{O}/\text{Bi}_2\text{WO}_6$ (Ag-0.6%) composite for degradation of other dyes: (a) MB, (b) MO.

Fig. S4 Comparison of photocatalytic activity of Bi_2WO_6 and $\text{Ag}_2\text{O}/\text{Bi}_2\text{WO}_6$ (Ag-0.6%) composite for degradation of phenol (50 ppm).

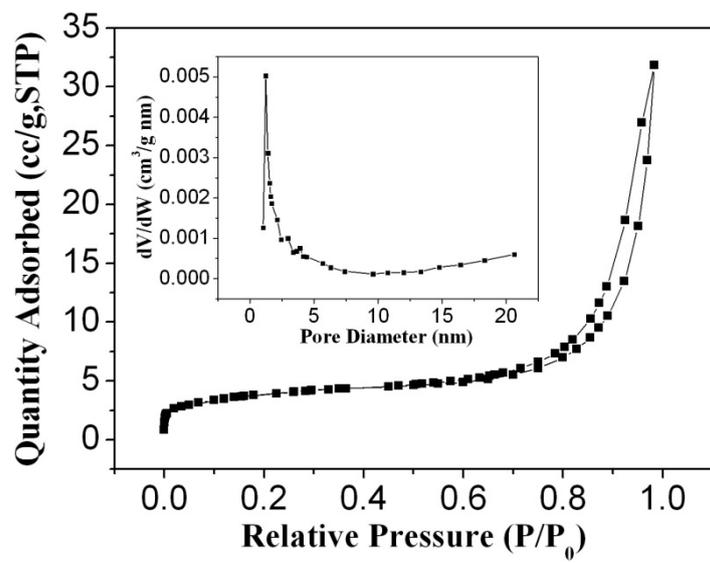


Fig. S1

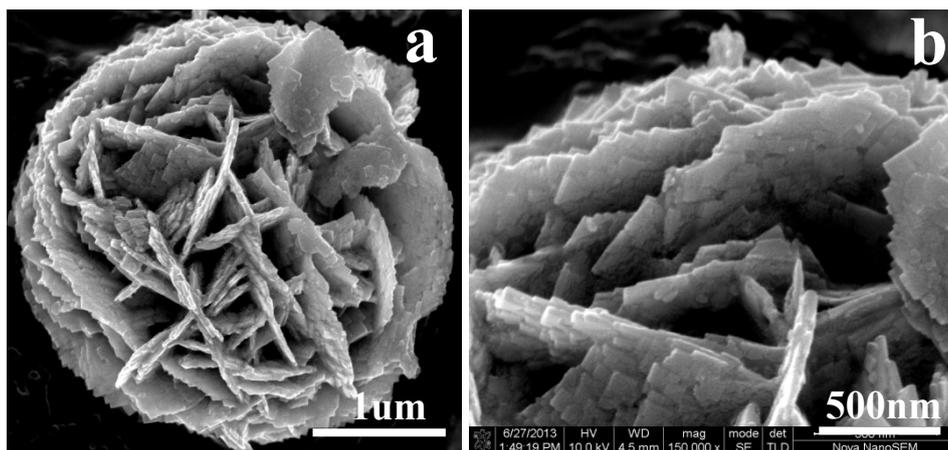


Fig. S2

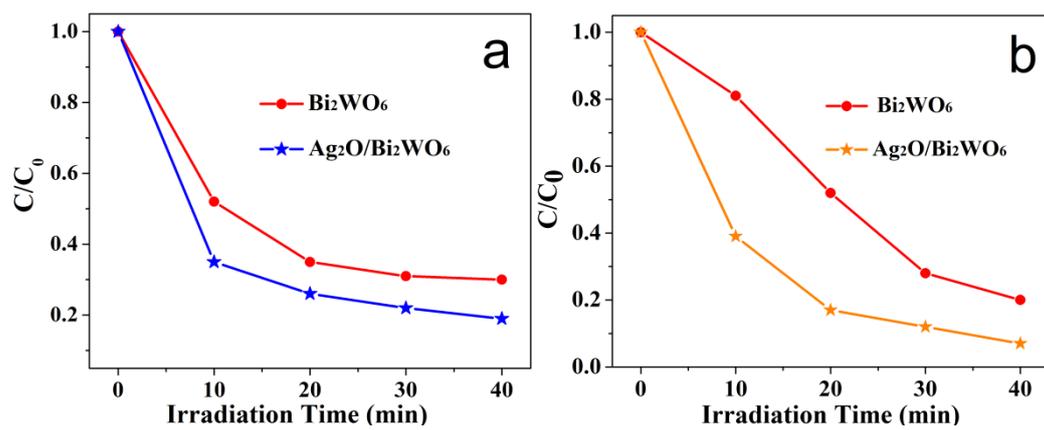


Fig. S3

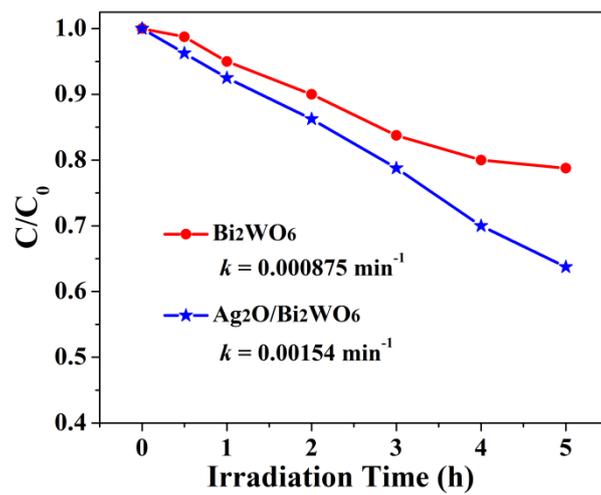


Fig. S4