Supplementary Materials: Template-Free Fabrication of Bi_2WO_6 Hierarchical Hollow Microspheres with Visible-Light-Driven Photocatalytic Activity

Yuxue Zhou, Xiangdong Meng, Ling Tong, Xianghua Zeng and Xiaobing Chen

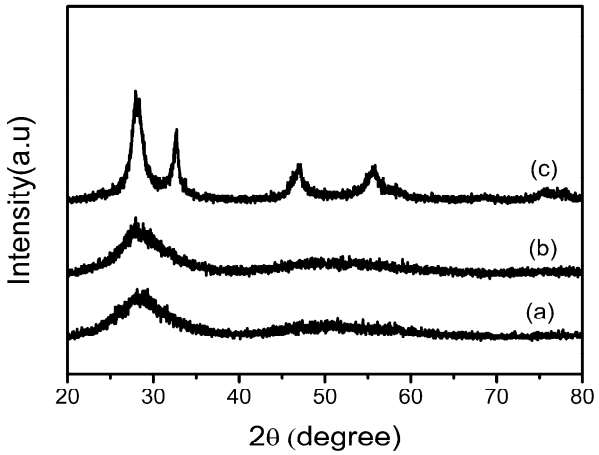


Figure S1. X-ray diffraction (XRD) patterns of obtained products at 160 °C by reaction for (**a**) 1 h, (**b**) 2 h and (**c**) 4 h, respectively.

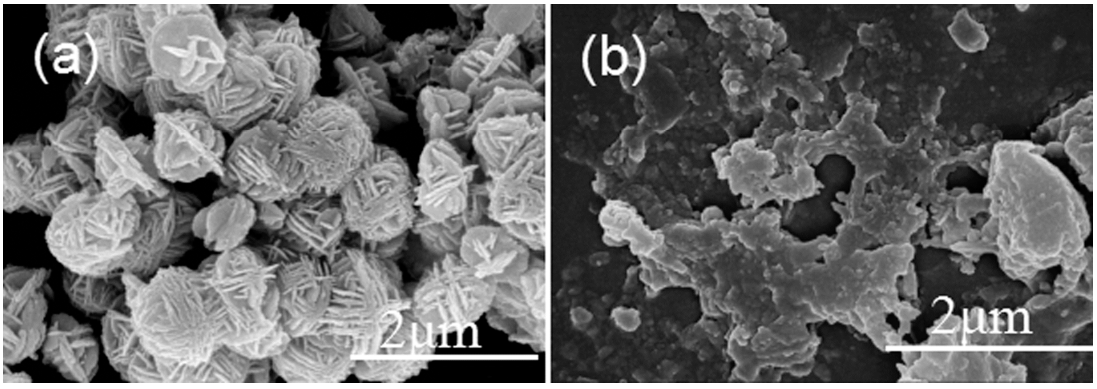


Figure S2. Scanning electron microscopy (SEM) images of bismuth tungstate (Bi_2WO_6) samples obtained at 160 °C for 12 h with different volume ratio of ethylene glycol (EG), and ethanol (EA) (V_{EG}:V_{EA}). (**a**) 1:5 and (**b**) 1:0.

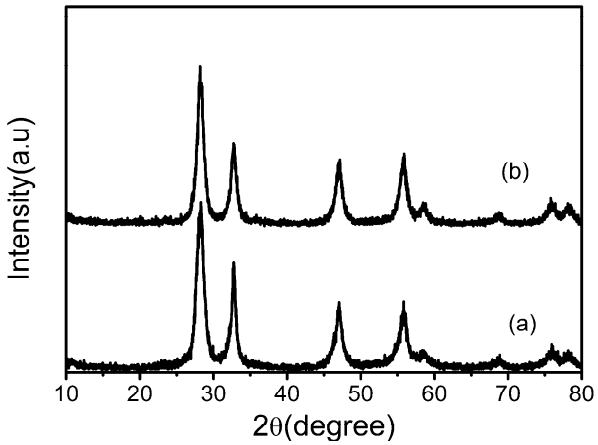


Figure S3. XRD patterns of obtained Bi_2WO_6 products at 160 °C for 12 h with different volume ratio of EG and EA (V_{EG}:V_{EA}). (**a**) 1:5 and (**b**) 1:0.

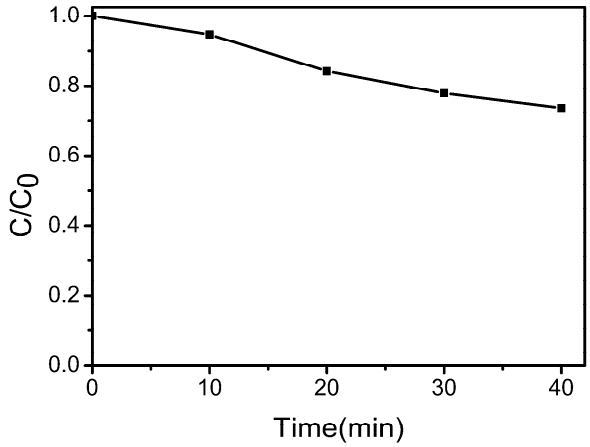
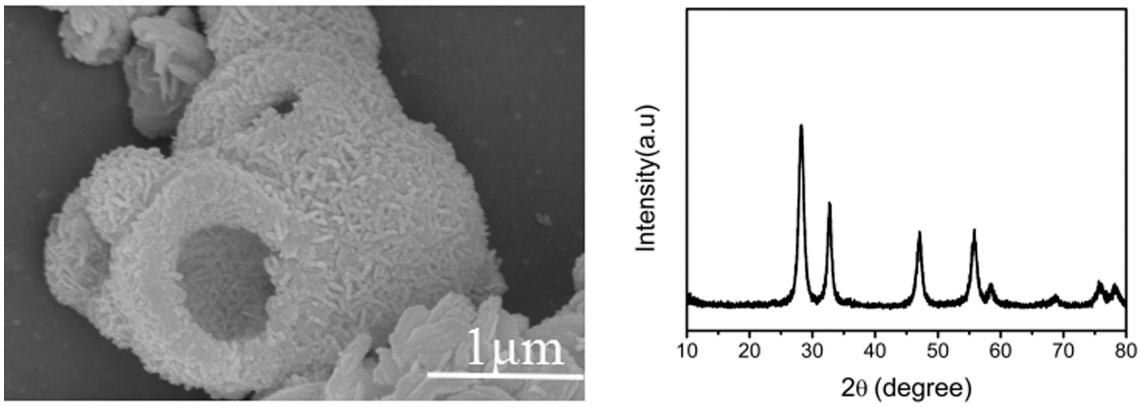


Figure S4. Photocatalytic activities on degradation of rhodamine B (RhB) from Bi_2WO_6 hollow microspheres under ultraviolet (UV) irradiation.



(**a**) (**b**)

Figure S5. (**a**) SEM and (**b**) XRD pattern of Bi_2WO_6 hollow microspheres after photocatalytic degradation of RhB under visible-light irradiation.

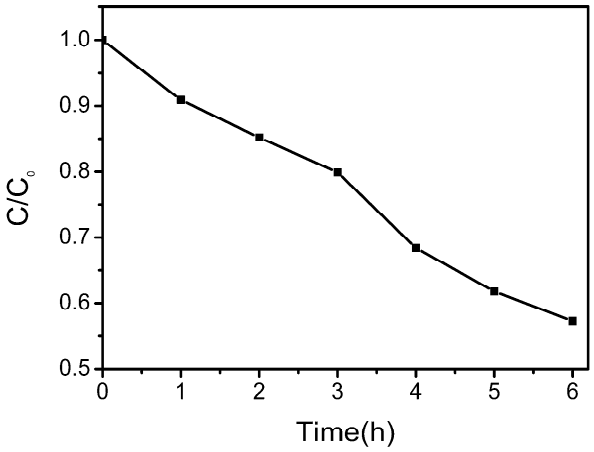


Figure S6. Photocatalytic activities on degradation of 4-chlorophenol (4-CP) from Bi_2WO_6 hollow microspheres under visible-light irradiation.