

Electronic Supplementary Information

Facile hydrothermal synthesis and photocatalytic activity of bismuth tungstate hierarchical hollow spheres with an ultrahigh surface area

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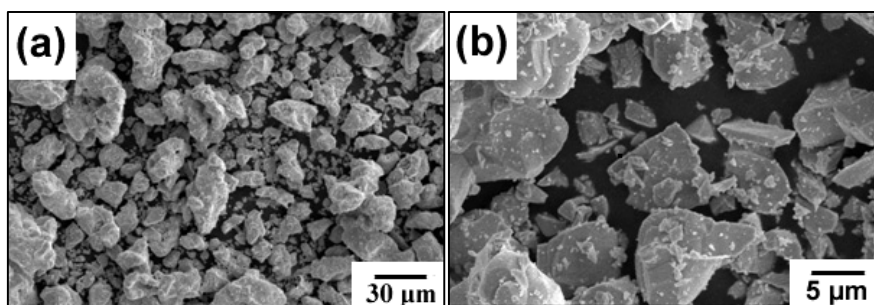


Fig. S1 (a) Low-magnification SEM image of the irregular Bi_2WO_6 powders according to the traditional solid-state reaction (SSR) method;³³ (b) high-magnification SEM image of the irregular Bi_2WO_6 powders.

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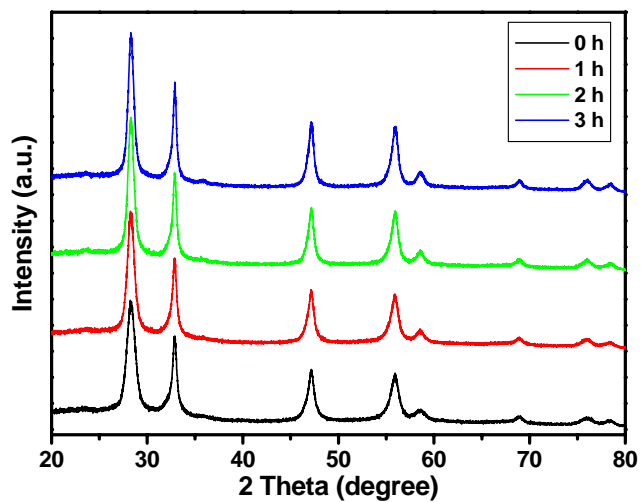


Fig. S2 XRD patterns for the Bi₂WO₆ products synthesized at various times.

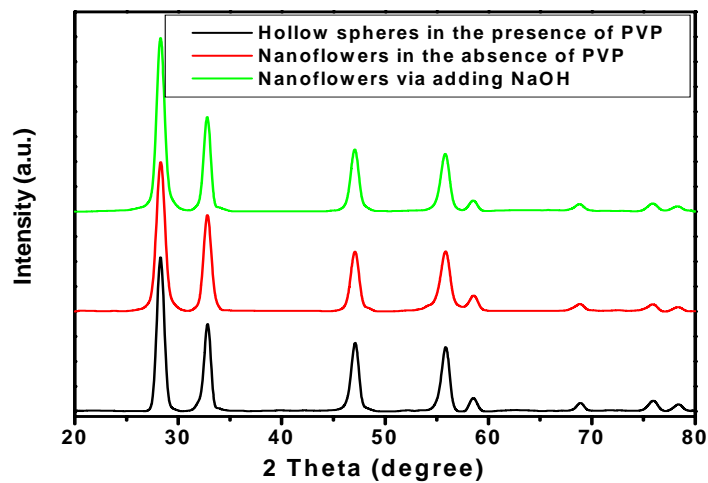


Fig. S3 XRD patterns of the different morphological Bi₂WO₆ products produced under different conditions.

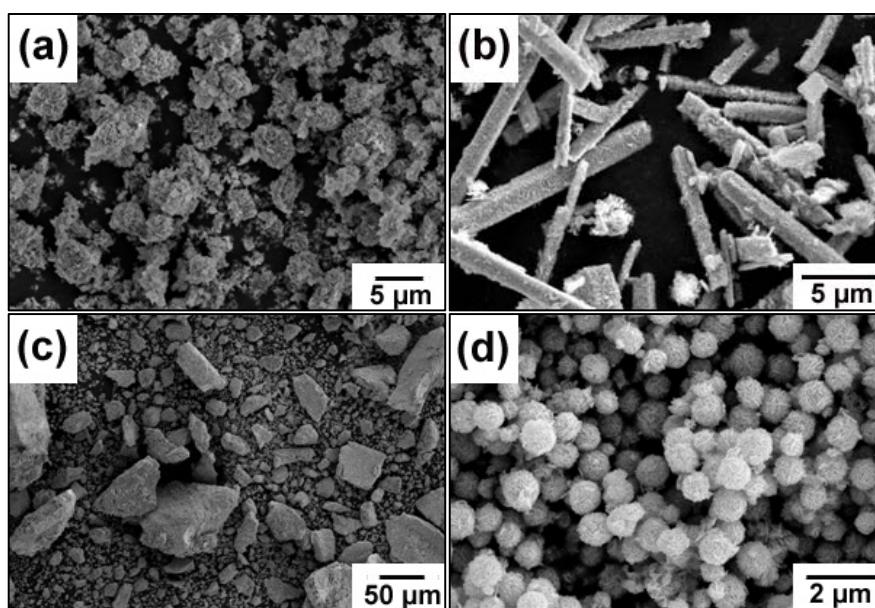


Fig. S4 Typical SEM images of the Bi₂WO₆ products synthesized at different H₂O/C₂H₅OH/CH₃COOH volume ratios of (a) 1:0:3, (b) 1:1:0, (c) 1:5:2 and (d) 1:5:7.

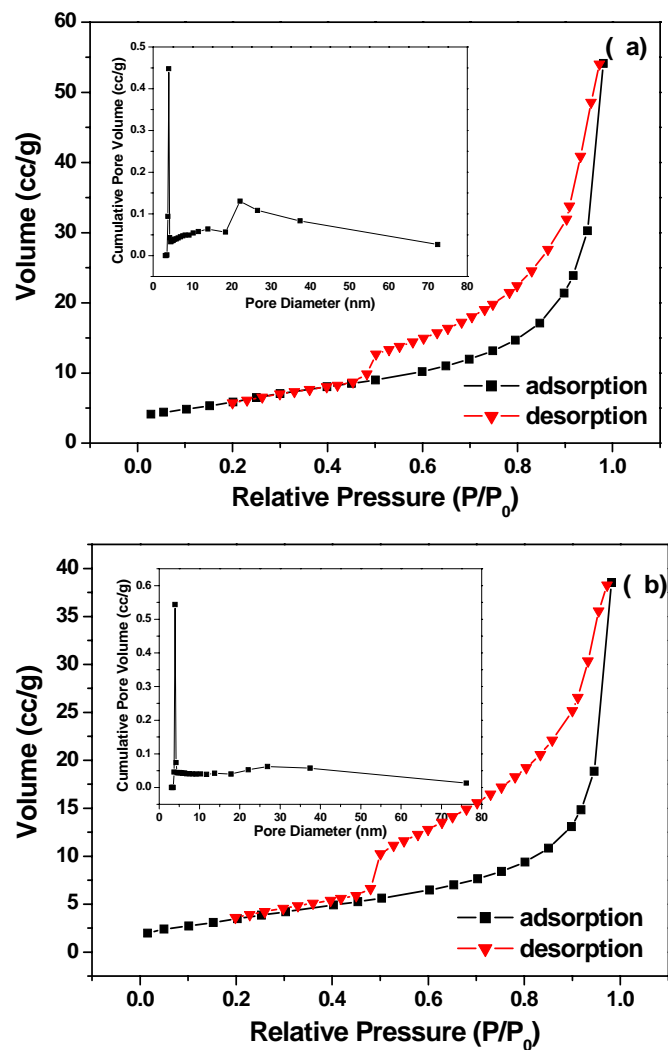


Fig. S5 Nitrogen adsorption-desorption and pore-size distribution isotherm of the prepared (a) Bi₂WO₆ flowers in the absence of PVP, (b) Bi₂WO₆ flowers via the addition of NaOH.