Electronic supplementary information

Novel $Bi_{12}ZnO_{20}$-Bi_2WO_6 Heterostructures: Facile Synthesis and Excellent Visible-Light-Driven Photocatalytic Activities

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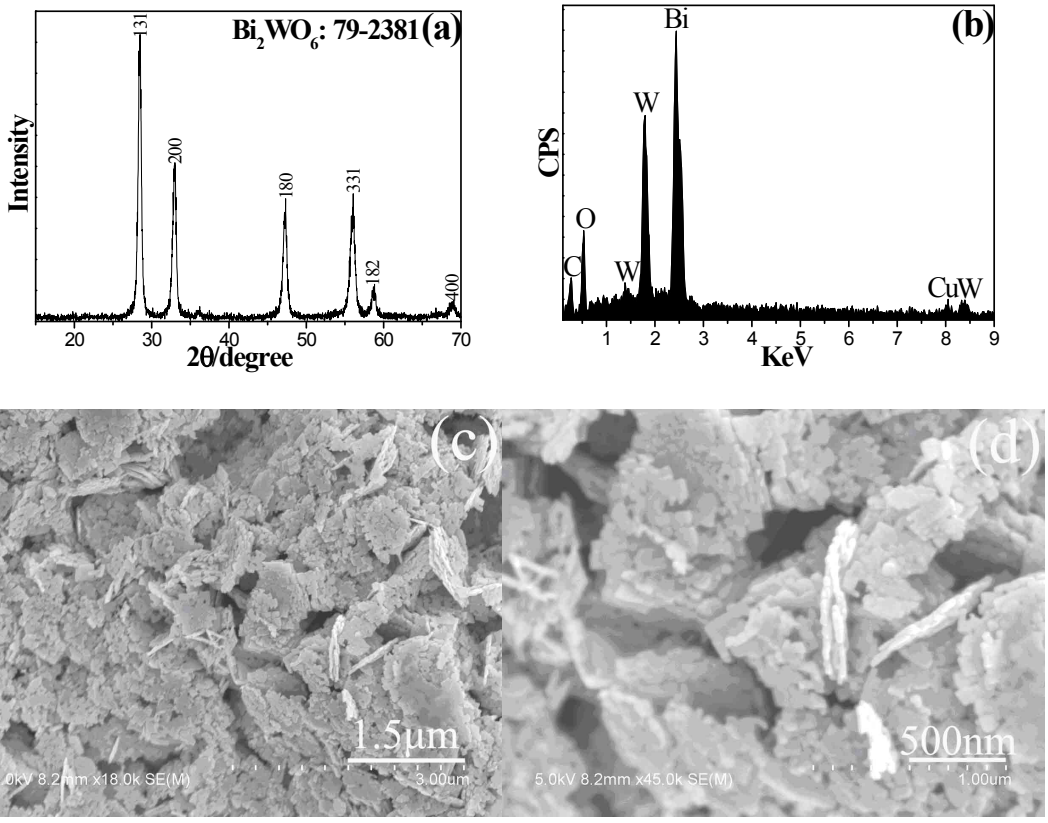

Fig. S1 XRD pattern (a), EDS spectrum (b) and (c, d) SEM images of as-prepared BWO sample.

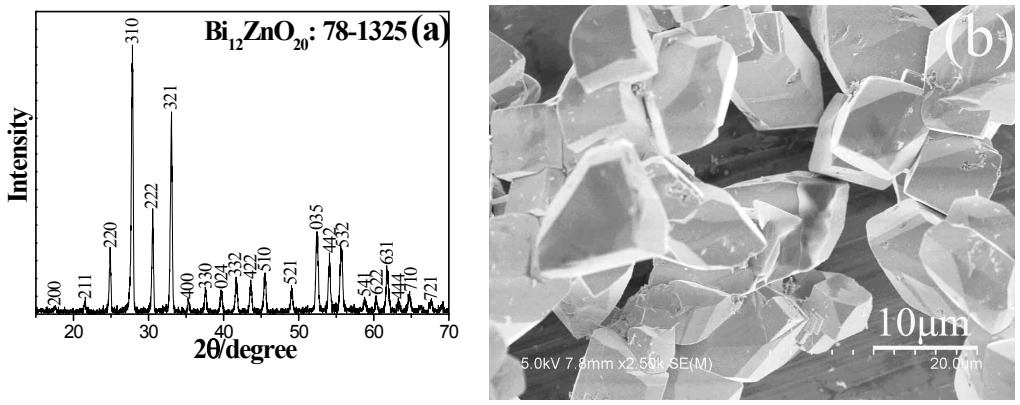

Fig. S2 XRD pattern and SEM image of BZO microcrystals prepared under hydrothermal systhesis method.

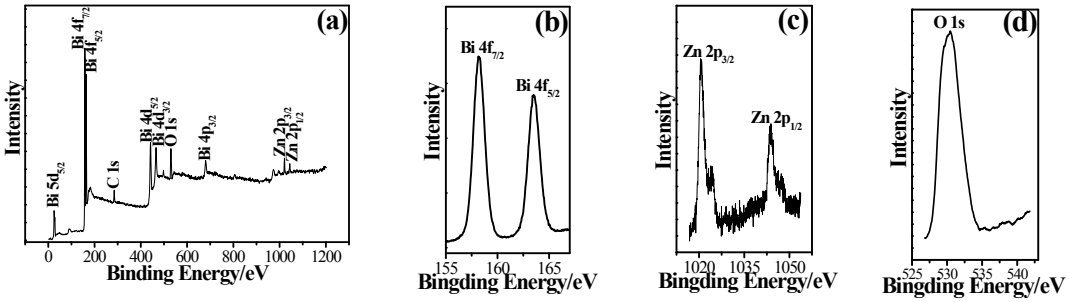

Fig. S3 XPS spectra of BZO microcrystals prepared under hydrothermal systhesis method.

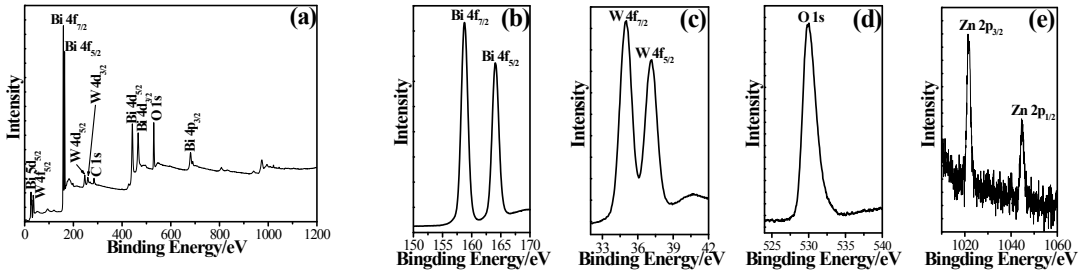

Fig. S4 XPS spectra of BZO (BZO/BWO = 30%, wt%)-BWO heterostructures prepared under hydrothermal systhesis method.

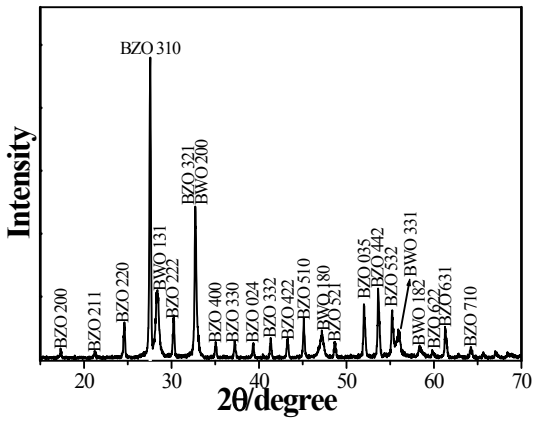

Fig. S5 XRD pattern of BZO (BZO/BWO = 30%, wt%)-BWO heterostructures prepared under hydrothermal systhesis method.

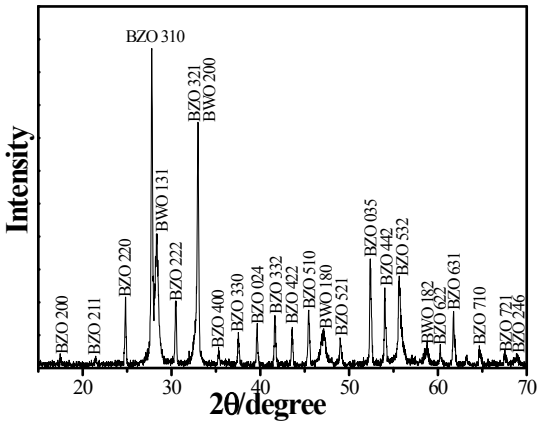

Fig. S6 XRD pattern of BZO-BWO composite photocatalyst (BZO + BWO) by physical mixture of pure BZO and BWO.