

Electronic Supplementary Information for

**Bismuth Tungstate Incorporated Zirconium Metal-
Organic Framework Composite with Enhanced
Visible-light Photocatalytic Performance**

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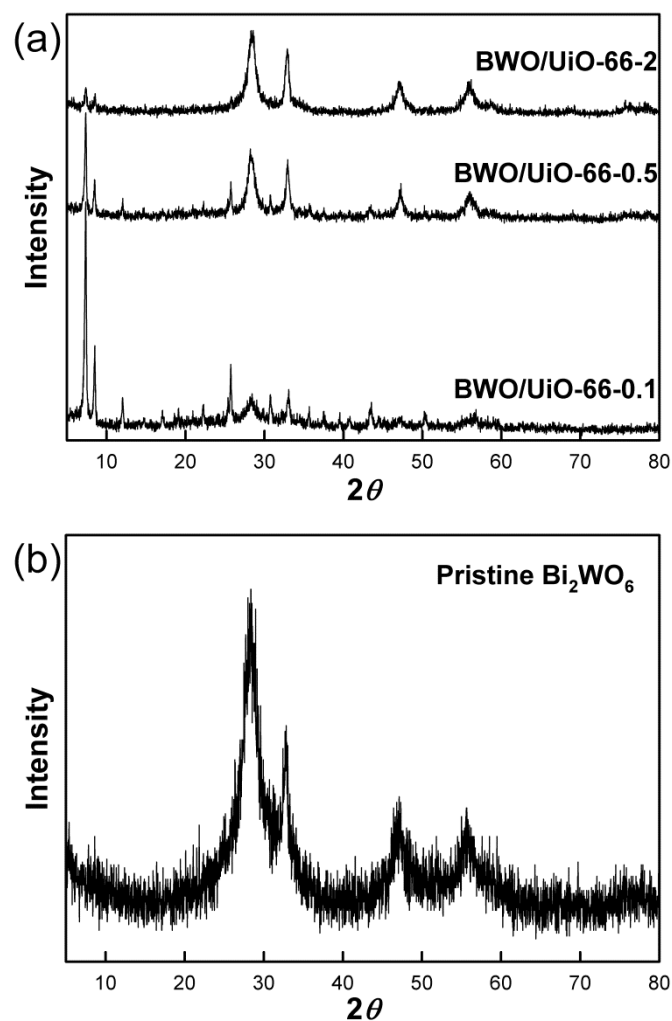


Fig. S1 XRD patterns of (a) BWO/Uio-66-0.1, BWO/Uio-66-0.5, BWO/Uio-66-2, and (b) pristine Bi_2WO_6 .

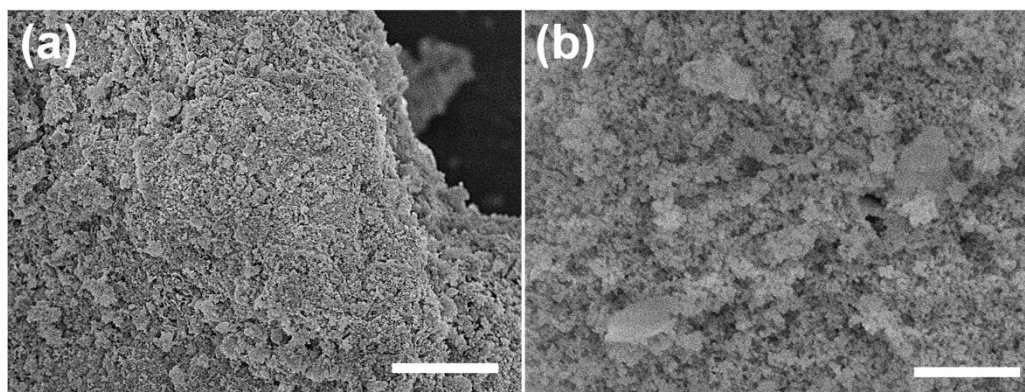


Fig. S2 SEM images of pristine Bi_2WO_6 (scale bars are 5 μm in (a), and 500 nm in (b)).

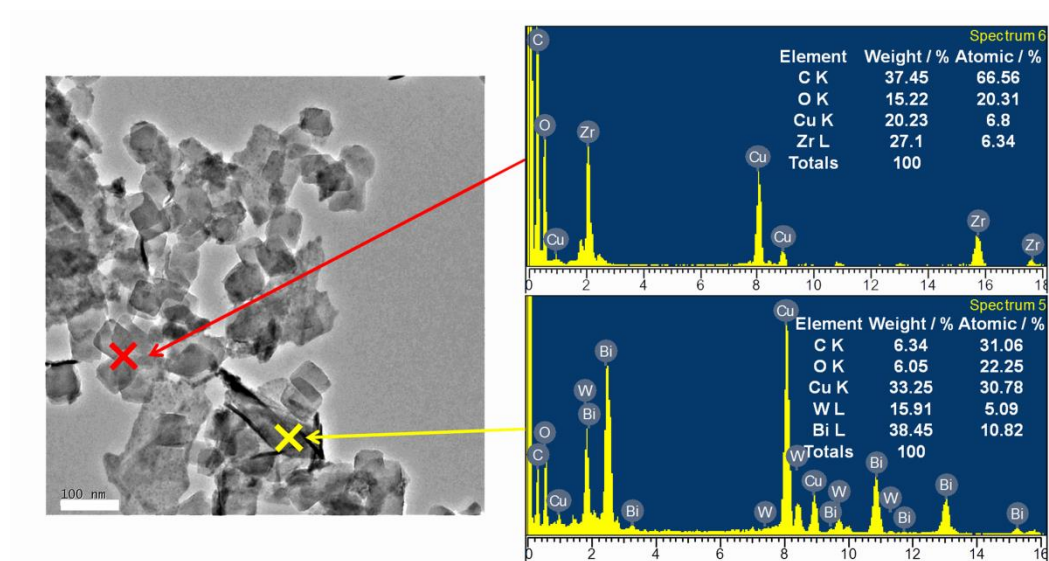


Fig. S3 EDX spectra of the corresponding measure spots in the TEM image of BWO/Uio-66-1 (scale bar is 100 nm). Inserts in the spectra show the contents of corresponding elements (copper element is due to the TEM grid).

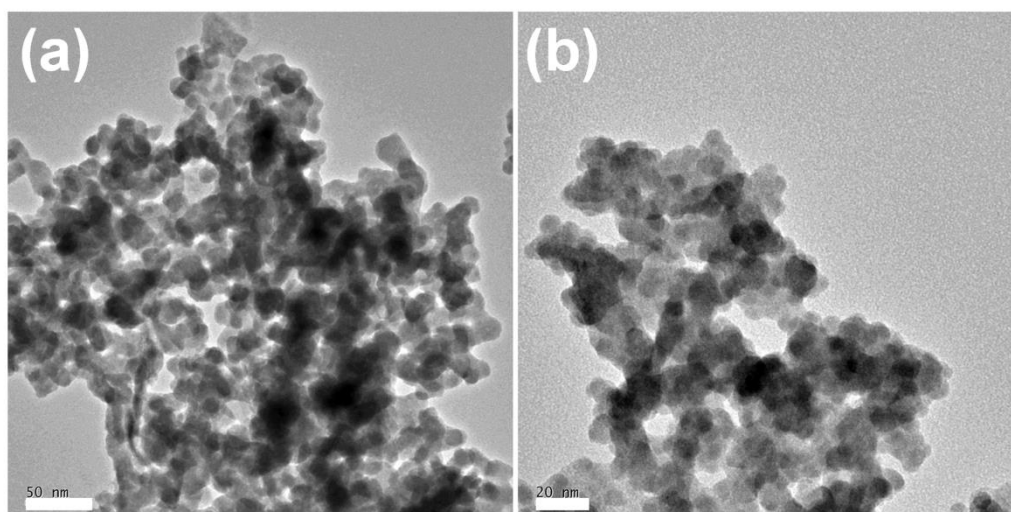


Fig. S4 TEM images of pristine Bi_2WO_6 (scale bars are 50 nm in (a), and 20 nm in (b)).

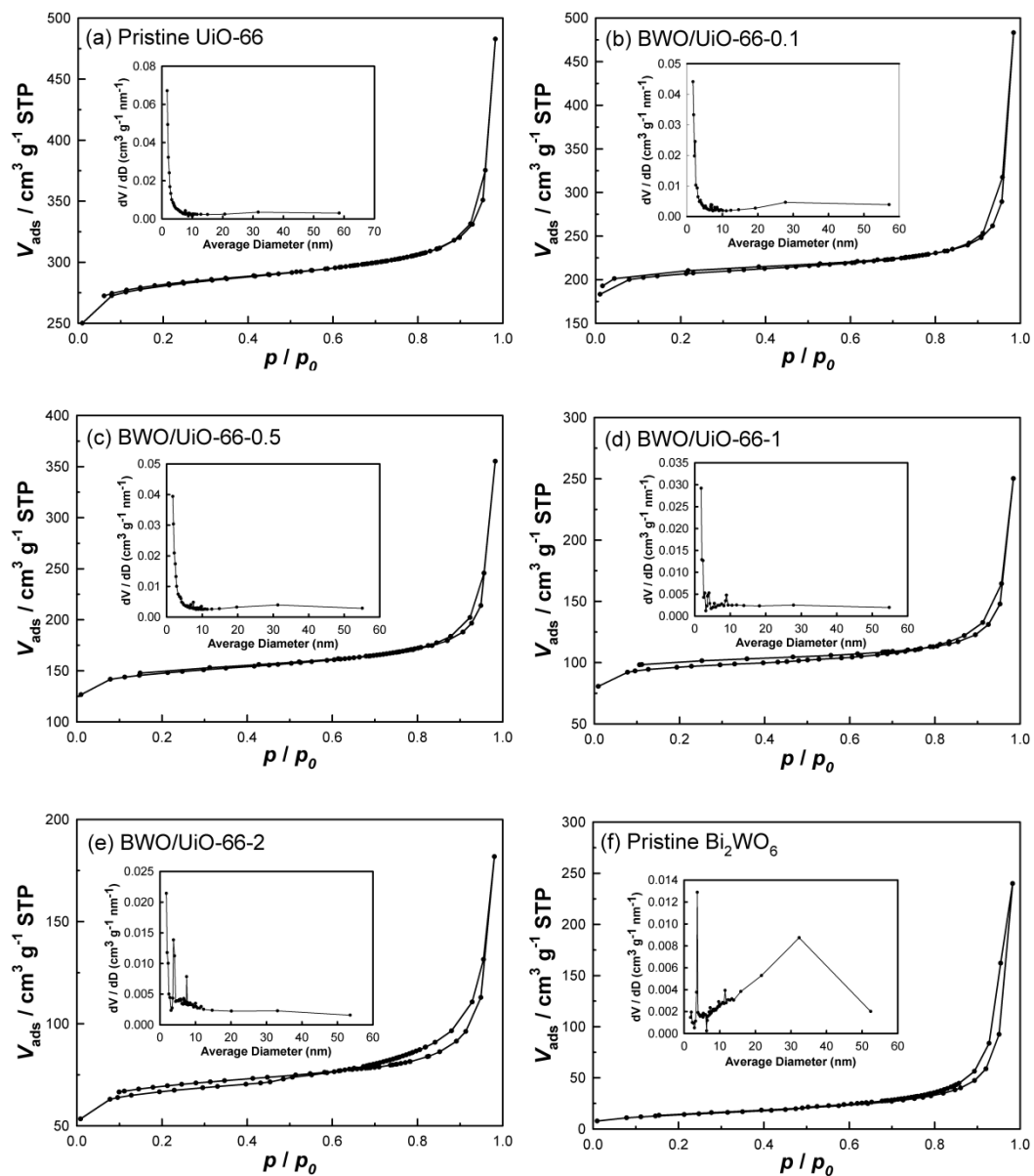


Fig. S5 Nitrogen adsorption-desorption isotherms and pore size distributions (inset) of (a) pristine UiO-66, (b) BWO/UiO-66-0.1, (c) BWO/UiO-66-0.5, (d) BWO/UiO-66-1, (e) BWO/UiO-66-2, and (f) pristine Bi_2WO_6 .

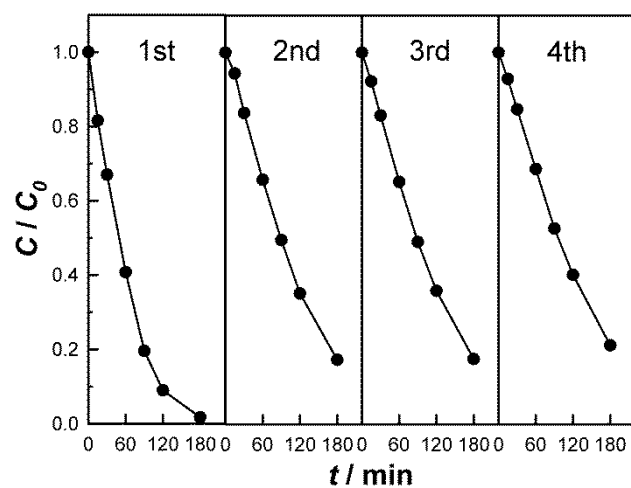


Fig. S6 Four cycles of the RhB degradation in the presence of BWO/UiO-66-1 under visible-light irradiation.

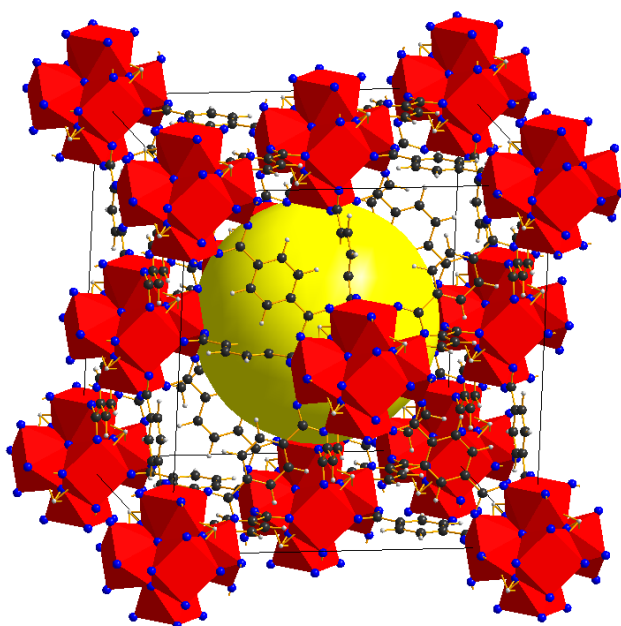


Fig. S7 Crystal structural illustration of UiO-66. Zirconium, oxygen, carbon, and hydrogen atoms are represented in red, blue, black, and gray, respectively. The large yellow sphere represents the enclosed cavity.

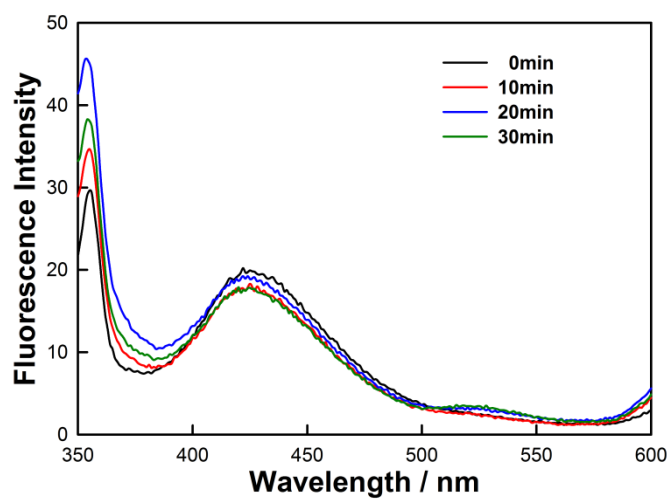


Fig. S8 Photoluminescence spectral changes with visible-light irradiation time in the presence of BWO/UiO-66-1 in a 5×10^{-4} M basic solution of terephthalic acid.