

SUPPORTING INFORMATION

Novel one-dimensional Bi₂O₃-Bi₂WO₆ p-n hierarchical heterojunction with enhanced photocatalytic activity

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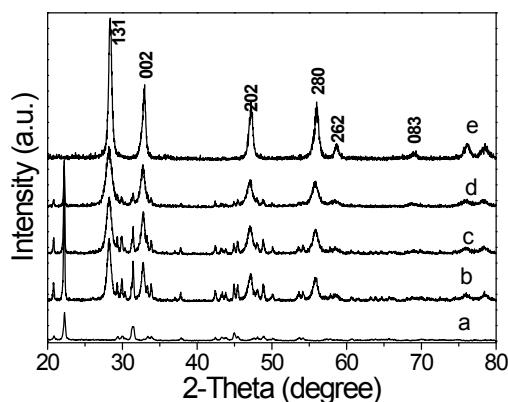


Figure S1. The XRD patterns of the precursors, (a) Bi(OHC₂O₄)•2H₂O, (b) WBP1, (c)WBP2, (d) WBP3 and (e) Bi₂WO₆.

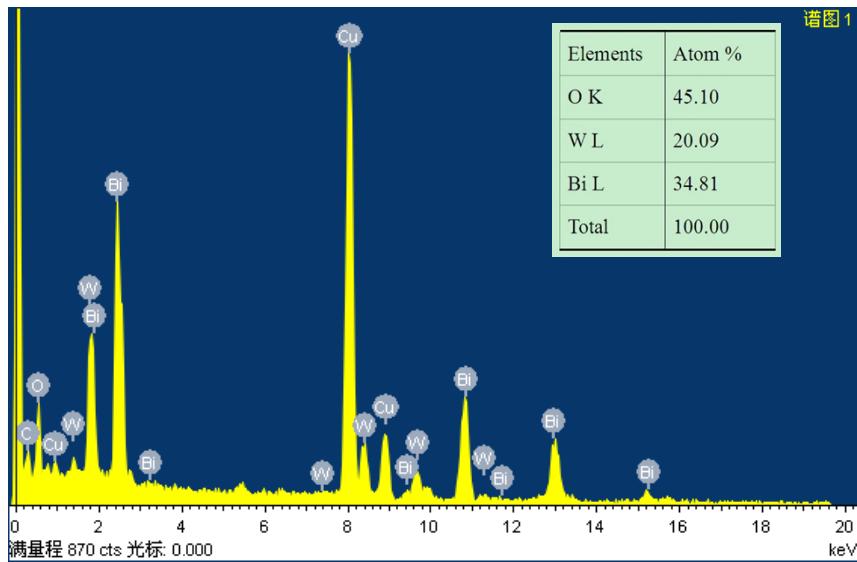
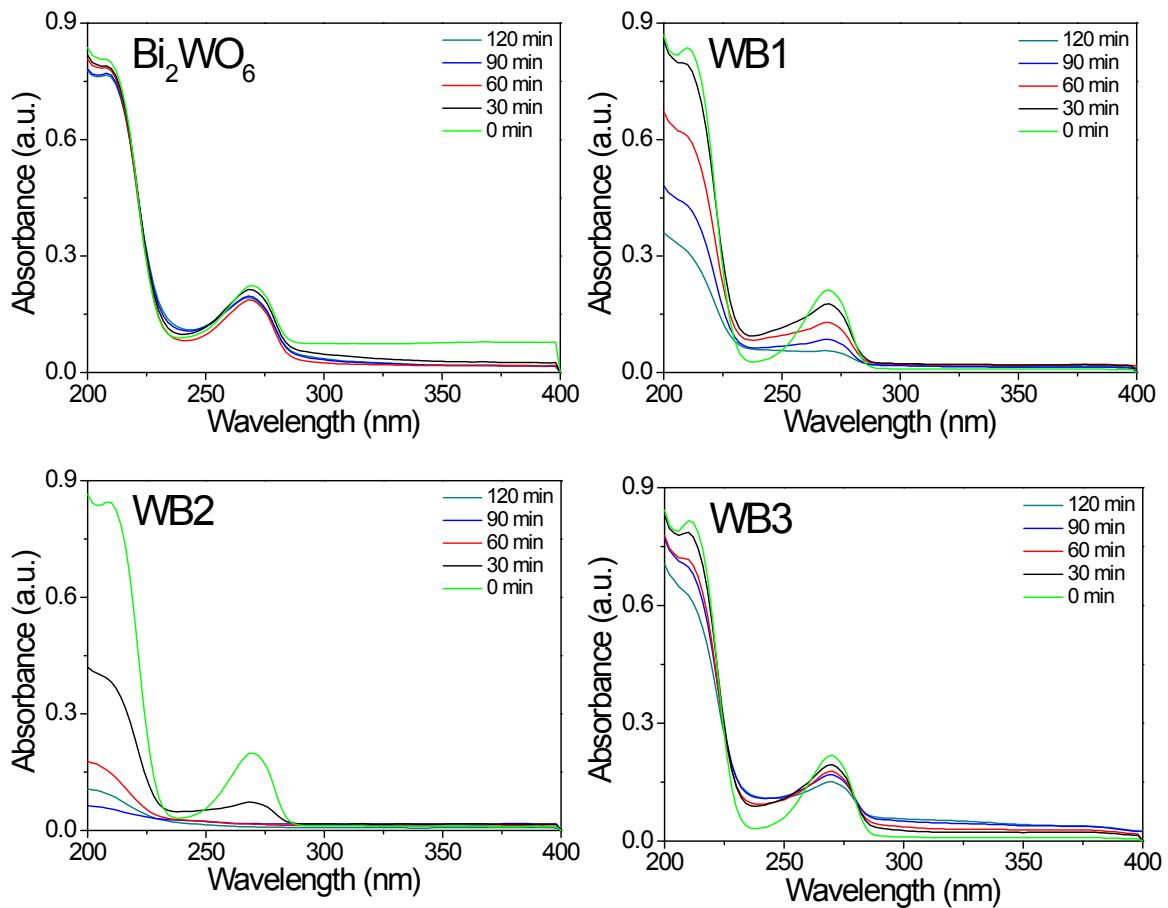


Figure S2. EDS spectrum recorded from Bi_2WO_6 nanosheets, the inset table is the atom ratio.



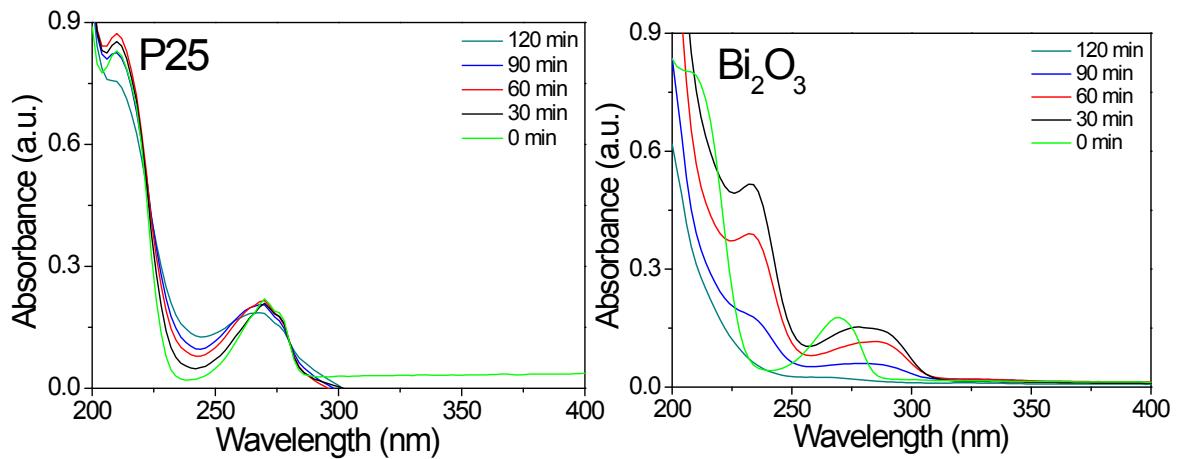


Figure S3. UV-Vis absorbance spectra of phenol using different photocatalysts under solar light irradiation.

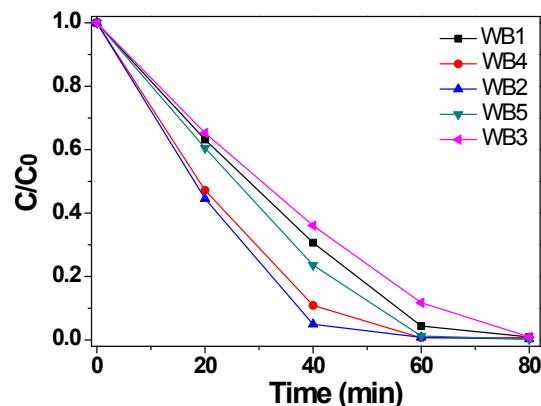


Figure S4. The degradation curves of RhB using different photocatalysts under solar light irradiation.

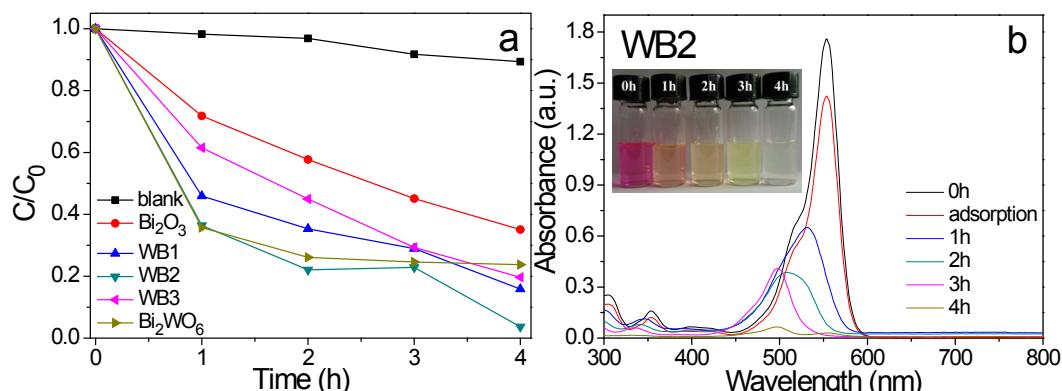


Figure S5. (a) The degradation curve of RhB using different photocatalysts; (b) UV-Vis absorbance spectra of RhB using WB2 as phtocatalyst under visible light irradiation.

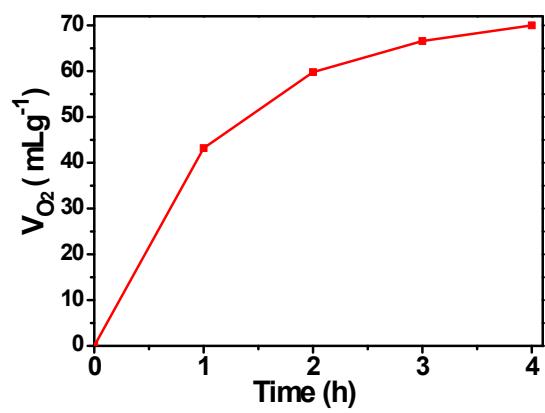


Figure S6. Volume of oxygen generated (V_{O_2}) under solar light irradiation from a 300 W Xe light using WB2 sample.