

Electronic Supplementary Material

Efficient visible light photodegradation of $\text{BiVO}_4:\text{Yb}^{3+}/\text{Tm}^{3+}$ with high content of tetragonal phase

Han Xie, Mitang Wang (✉), Zhigao Sun, Xiaoyu Lu, Dongliang Zhang, Siqingaowa Jin, Siheng Chen

School of Materials and Chemistry, University of Shanghai for Science and Technology, Shanghai 200093, China

E-mail: btwmt@126.com

Number of figures: 4

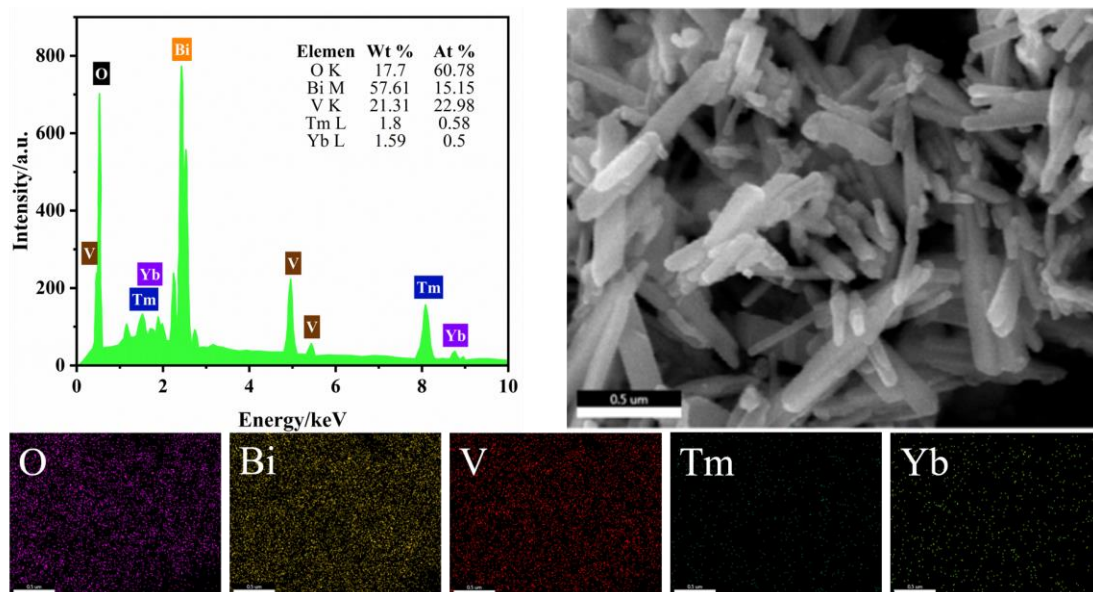


Fig. S1. EDS spectra of BVYT-3.

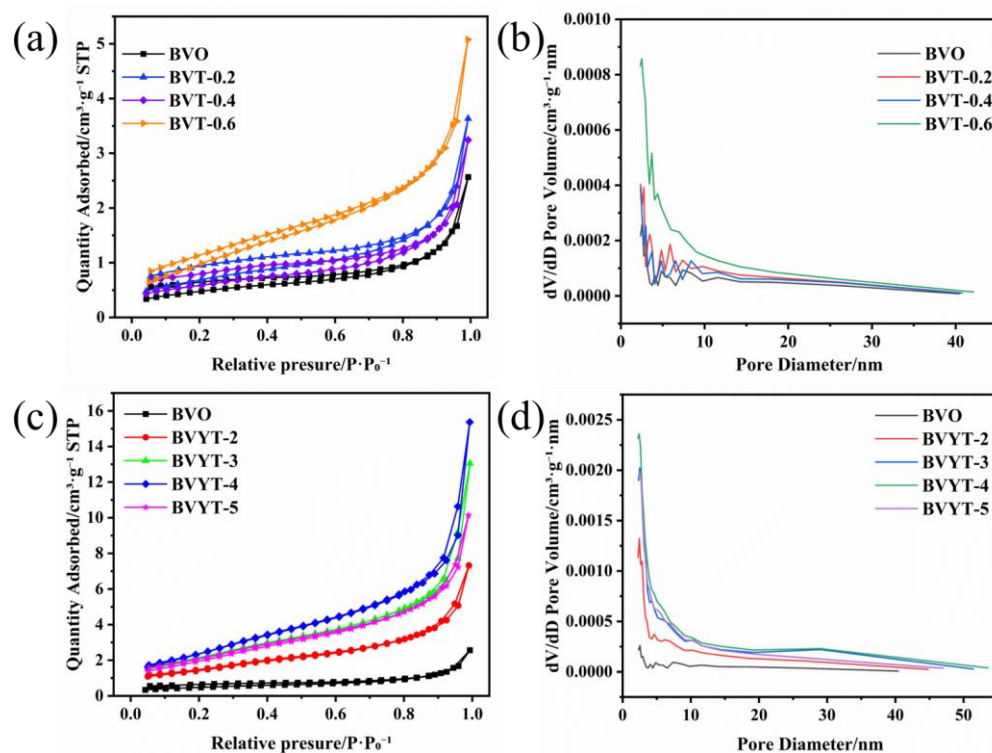


Fig. S2. Nitrogen adsorption-desorption isotherm curves (a) and pore size distribution curves (b) for BVO and BVT; Nitrogen adsorption-desorption isotherm curves (c) and pore size distribution curves (d) of BVO and BVYT.

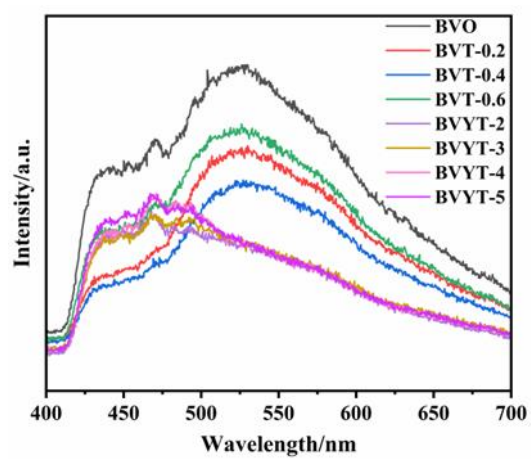


Fig. S3. PL spectra of the samples.

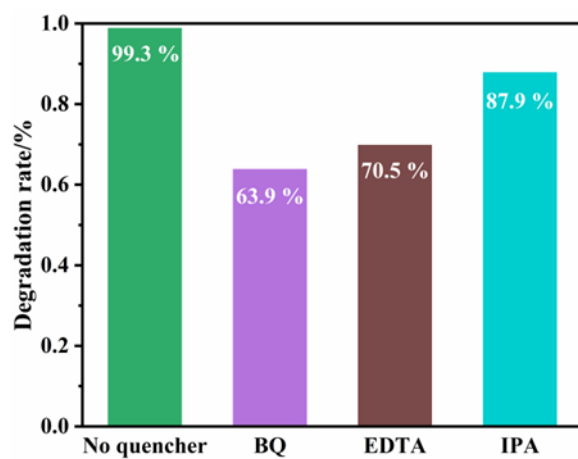


Fig. S4. Capture experiment of active species during photocatalytic degradation of MB.