

Electronic Supplementary Information

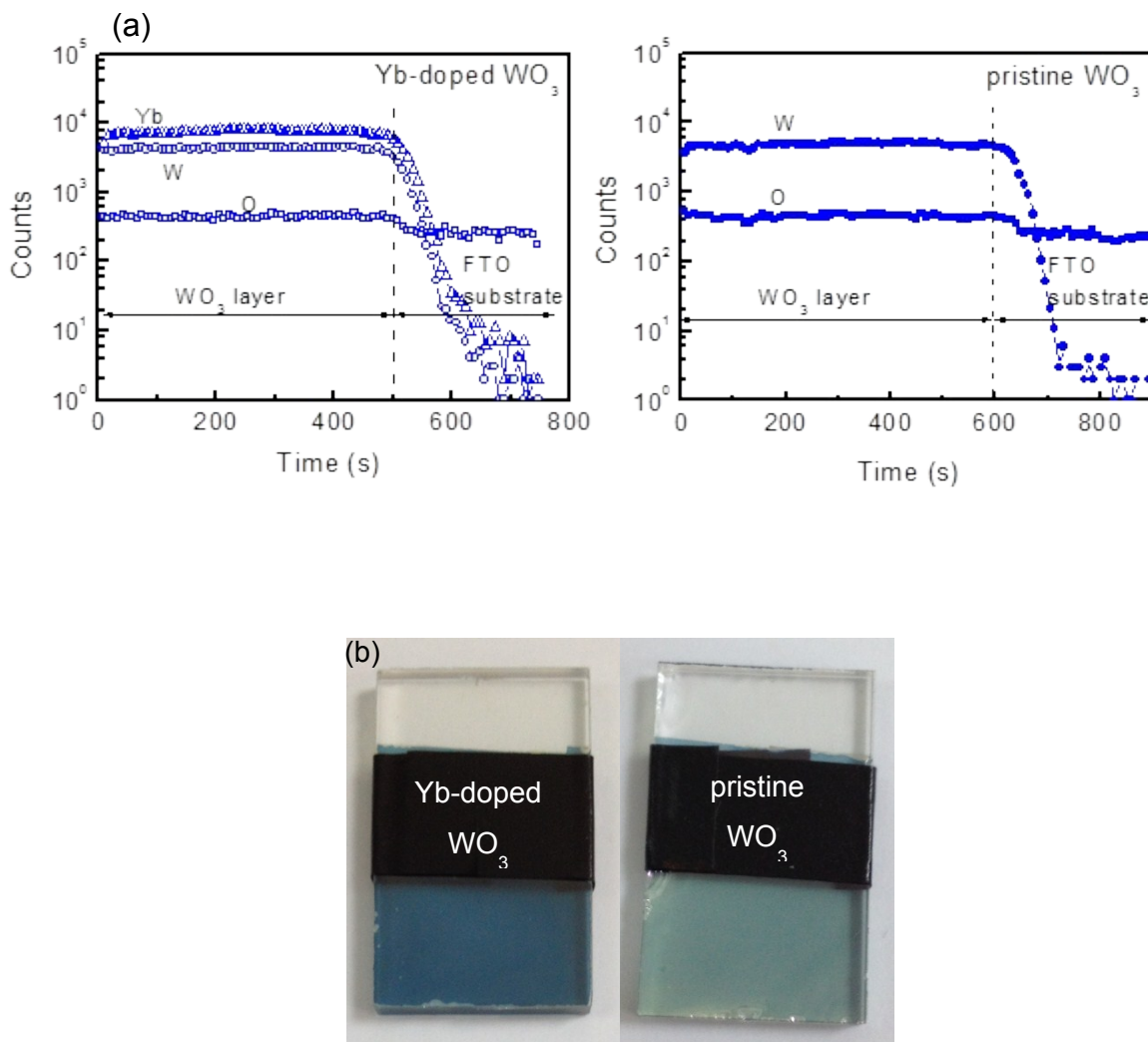


Fig. S1(a) SIMS elemental depth profiles of Yb-doped and pristine WO_3 sintered at 550°C .

(b) Colour change of photocatalysts from pale green in pristine WO_3 to deep blue in Yb-doped WO_3 sintered at 550°C .

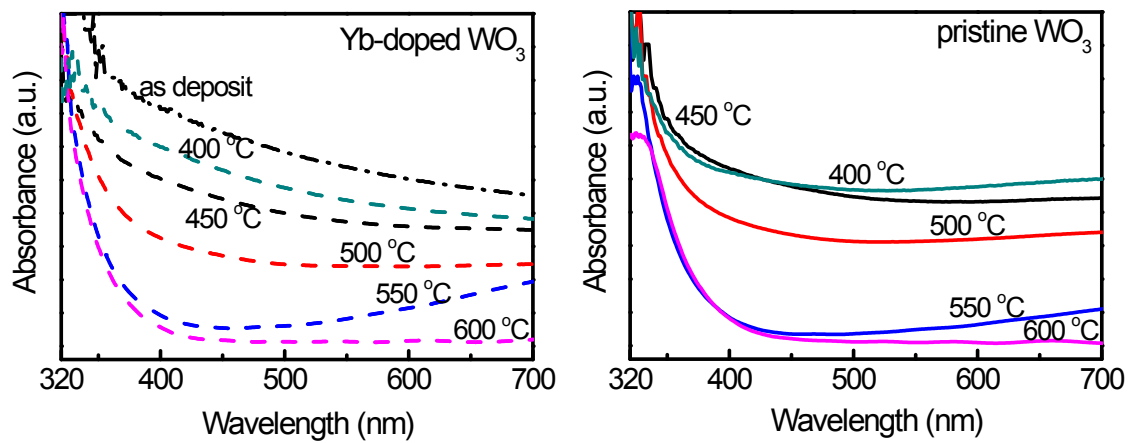


Fig. S2 Optical absorption spectra of Yb-doped and pristine WO₃ sintered from 400 to 600 °C.

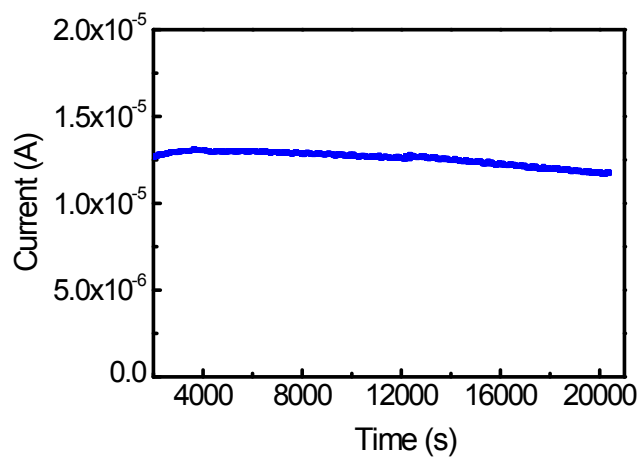


Fig. S3 Time stability of photocurrent of Yb-doped WO₃.