

Supporting Information

Surface oxygen vacancy and defect engineering of WO_3 for improved visible light photocatalytic performance

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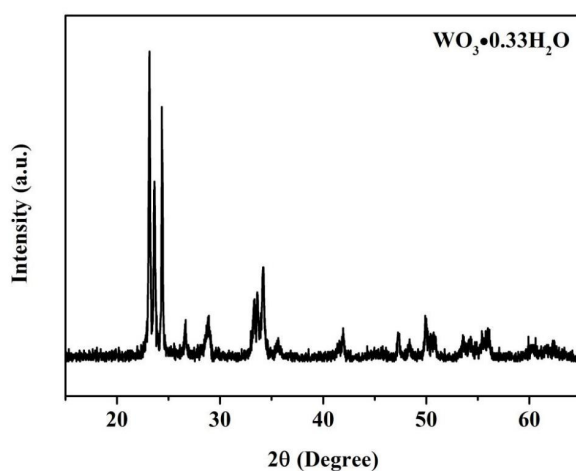


Fig. S1 XRD patten of $\text{WO}_3 \cdot 0.33\text{H}_2\text{O}$.

In Fig. S2, the W 4f XPS bimodal peaks gradually moved in the direction of the high field as vacuum treatment temperature increases. This indicates the change in the valence state of W.

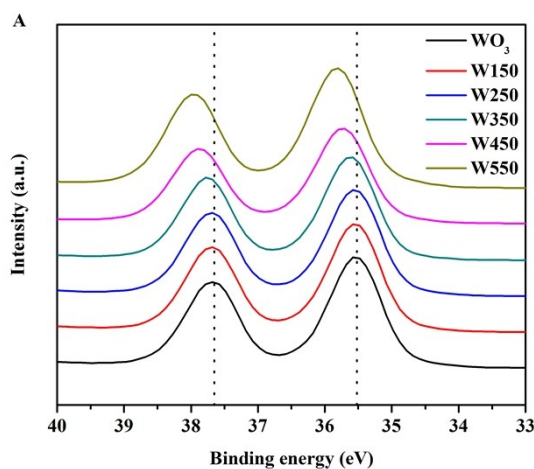


Fig. S2 W 4f XPS spectra of all samples.