

## Supplementary Informations

### Facile synthesis of $\text{WO}_3$ with reduced particle size on Zeolite-Y and enhanced photocatalytic activity

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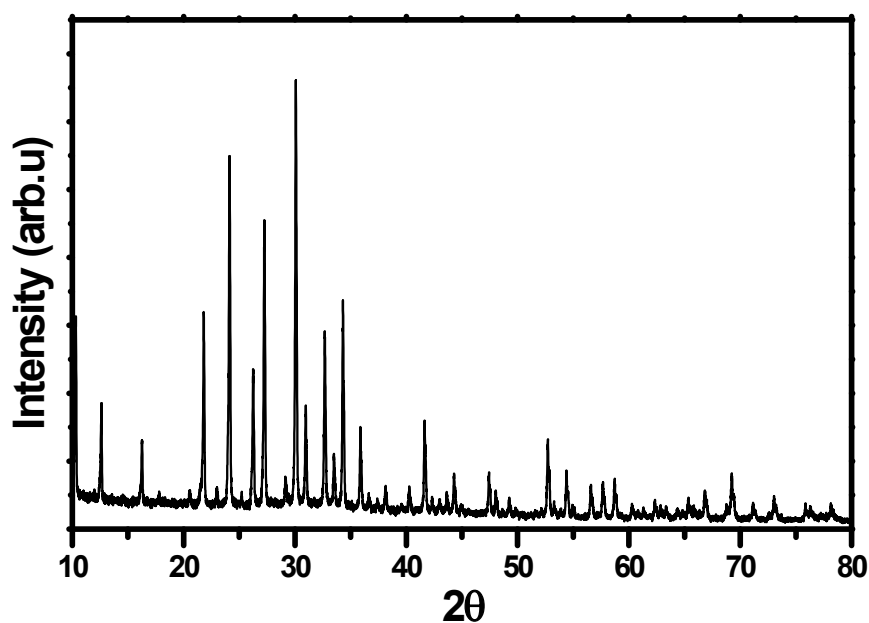


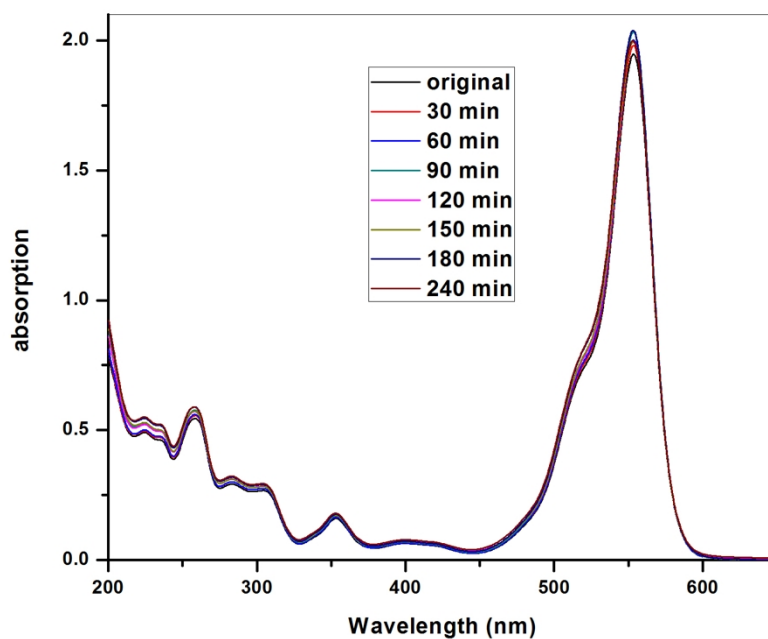
Fig. S1 PXRD of pure Zeolite-Y.

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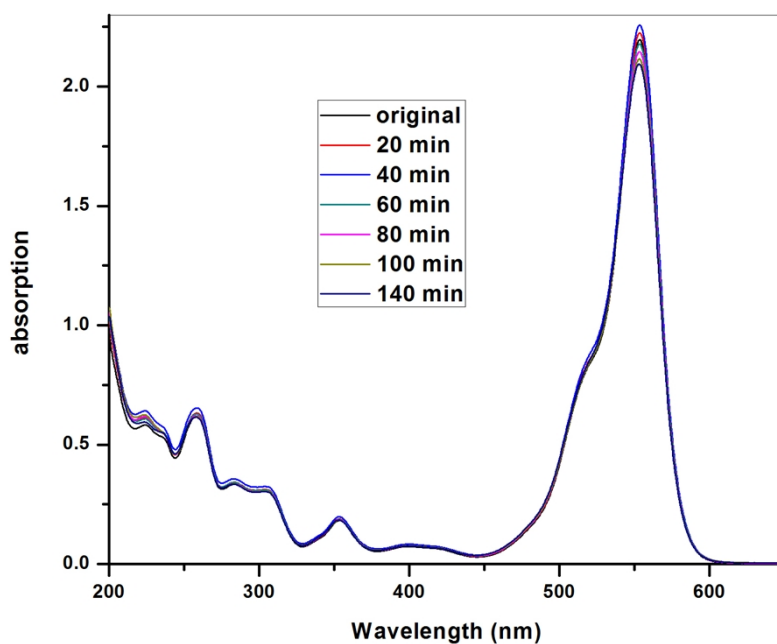
**Fig. S2** UV-Vis. Spectral changes of RhB under visible light irradiation (without any catalyst).

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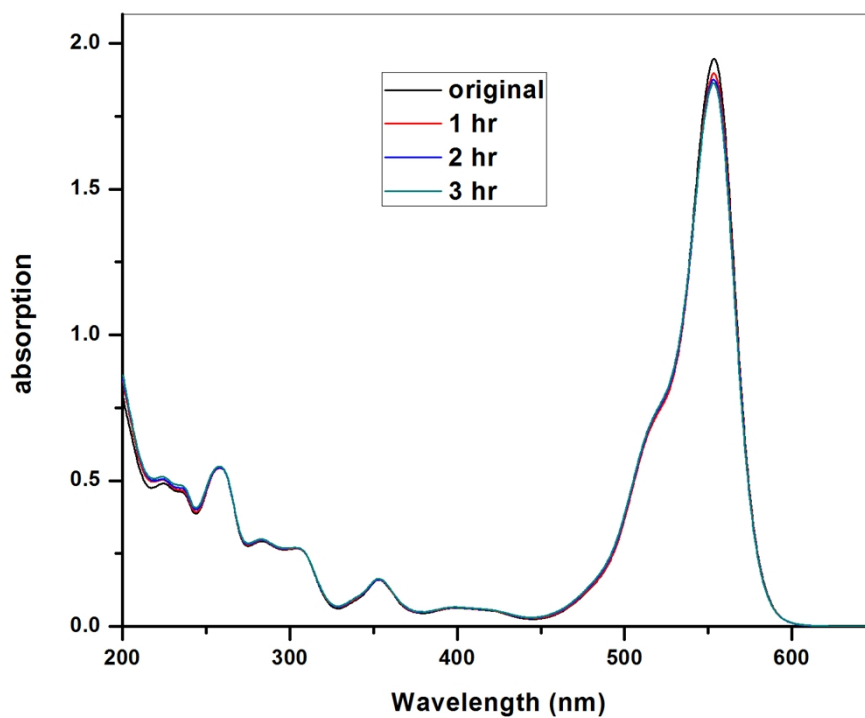
**Fig.S3** UV-Vis. Spectral changes of RhB under UV light irradiation (without any catalyst).

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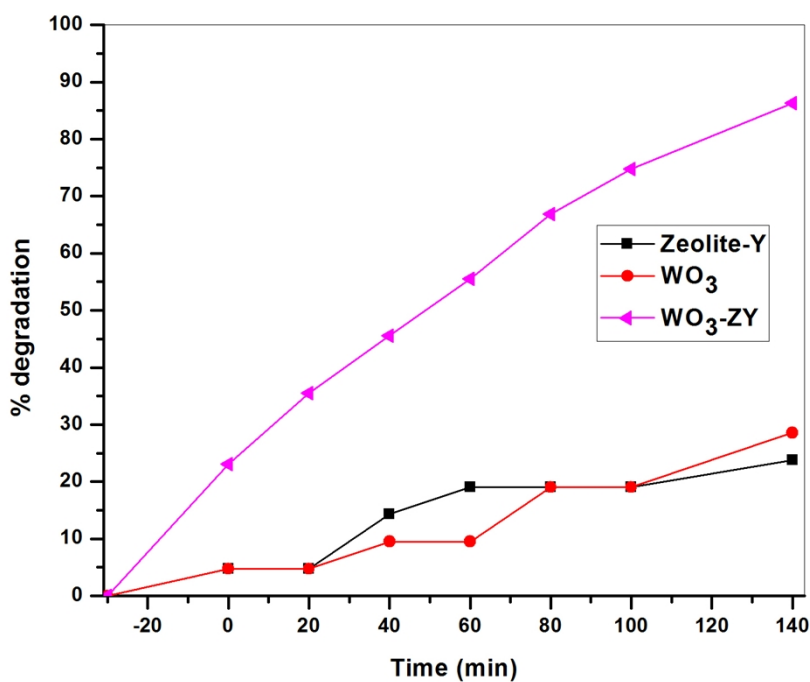
**Fig. S4** UV-Vis. Spectral changes of RhB under Solar light (without any catalyst).

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**Fig. S5** % degradation of RhB under UV light irradiation by different catalyst.