

Electronic Supplementary Material (ESI) for Engineered Science

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Supporting information for

In situ preparation of WO₃/g-C₃N₄ composite and its enhanced photocatalytic ability: a comparative study on the preparation methods of chemical composite and mechanical mixing

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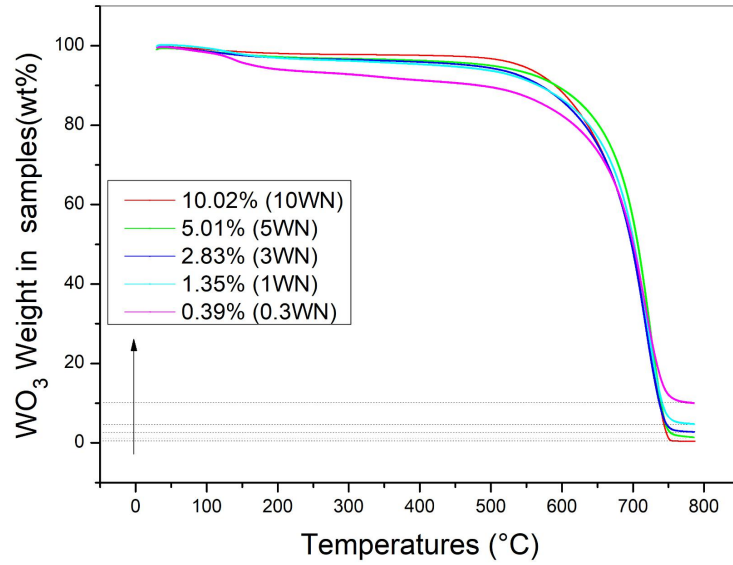


Fig. S1: Thermogravimetric analysis results of chemical composite samples

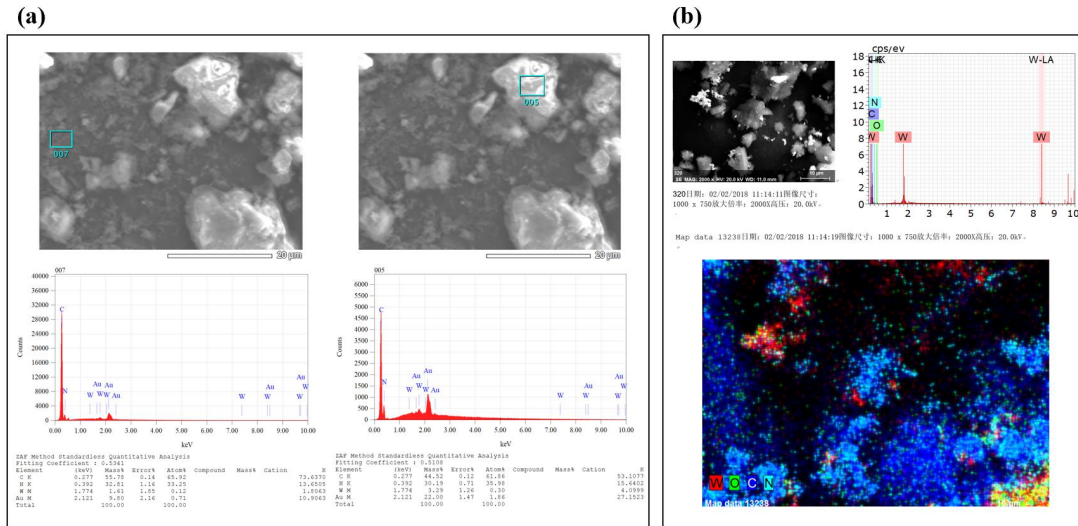


Fig. S2: The EDX of chemical composite sample 3WN shows that WO₃ and C₃N₄ are both detected in the sample (a), while the EDX mapping of mechanical mixing sample 3W--N shows that WO₃ and C₃N₄ are mainly departed from each other in the sample (b).

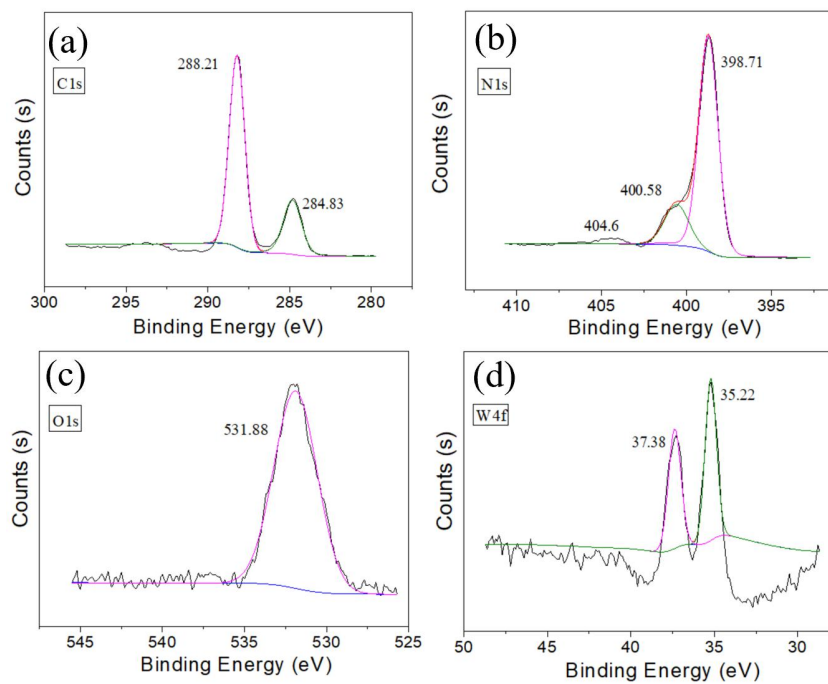


Fig. S3: (a-d) high resolution XPS spectra of C1s, N1s, O1s, and W4f of mechanical mixing sample 3W--N.