

Electronic supplementary information (ESI)

In-situ growth of CuS nanoparticles on g-C₃N₄ nanosheets for H₂ production and the degradation of organic pollutant under visible-light irradiation

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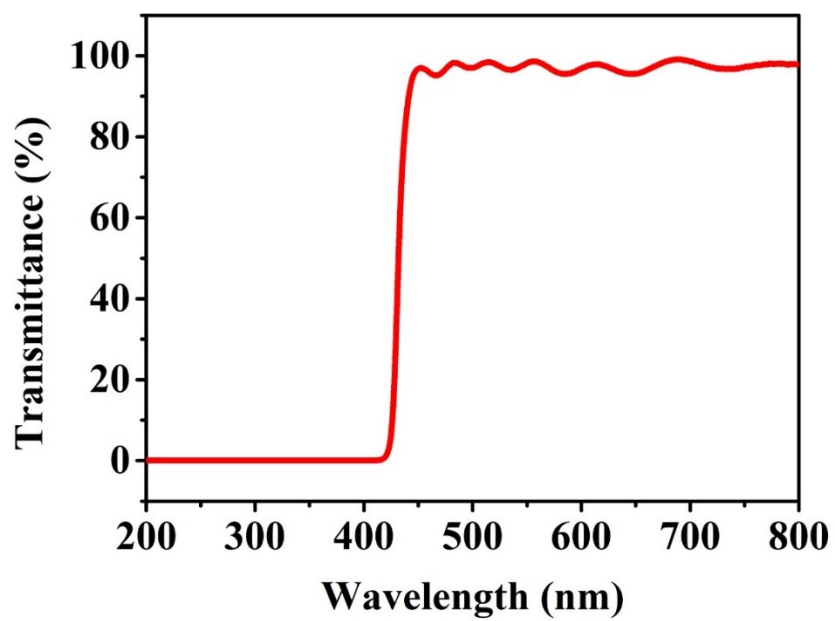


Fig. S1 Transmission spectra of a 420 nm cut-off filter used for photocatalytic measurements.

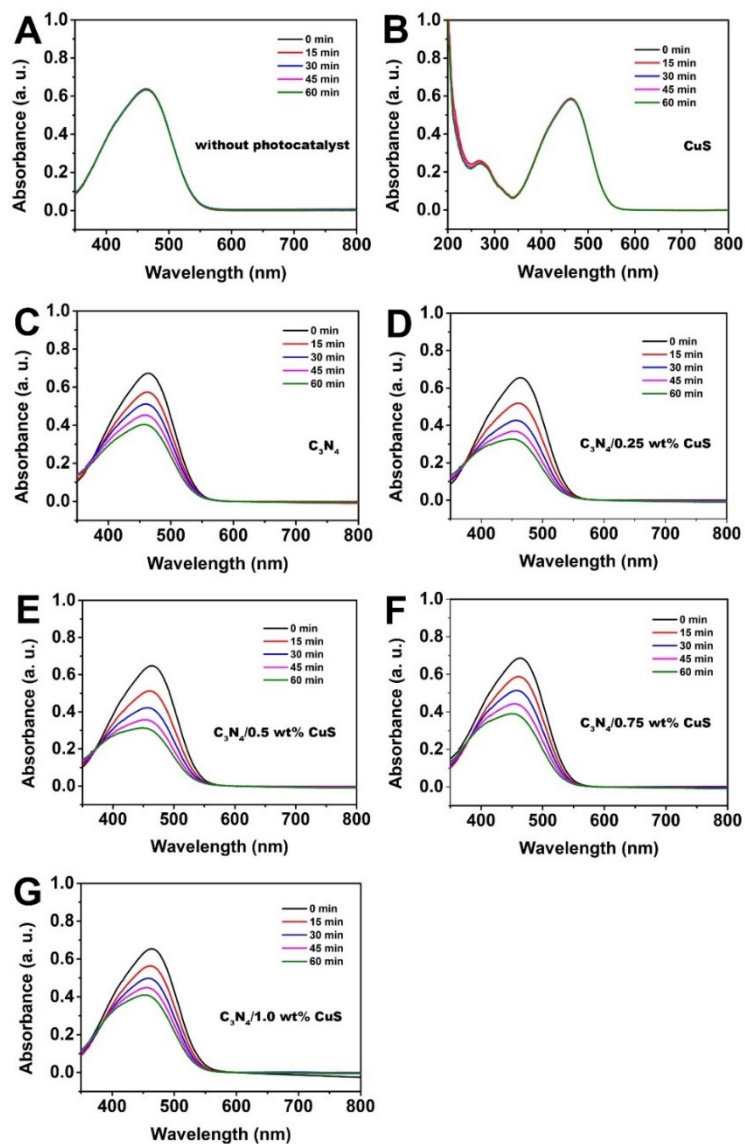


Fig. S2 UV-vis absorption spectra of MO solution separated from the suspensions containing (A) without photocatalyst, (B) CuS, (C) C_3N_4 , (D) $C_3N_4/0.25$ wt% CuS, (E) $C_3N_4/0.5$ wt% CuS, (F) $C_3N_4/0.75$ wt% CuS, and (G) $C_3N_4/1.0$ wt% CuS.