

Electronic Supplementary Information

Electrospun CuAl_2O_4 hollow nanofibers as visible light photocatalyst with enhanced activity and excellent stability under acid and alkali conditions

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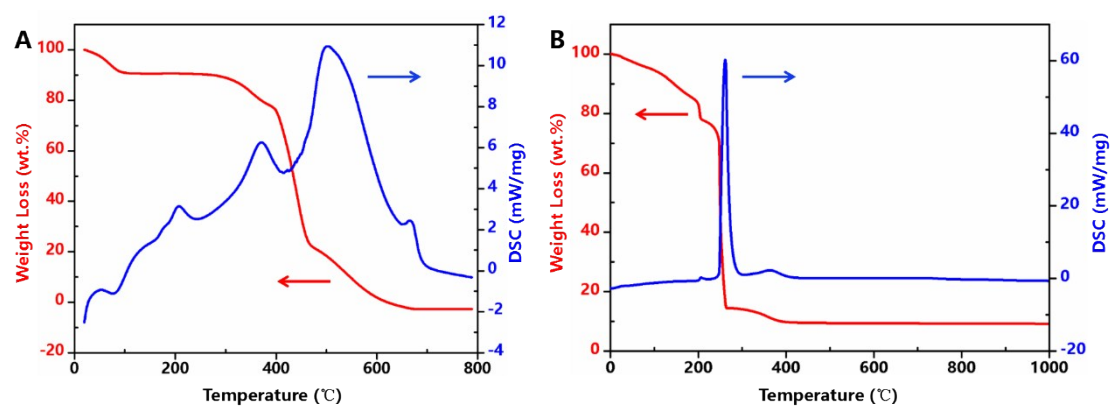


Fig. S1 TG-DSC curves of thermal decomposition of pure PVP NFs (A) and PVP/Cu(NO₃)₂/Al(NO₃)₃ composite NFs (B) at the heating rate of 10 °C/min in air.



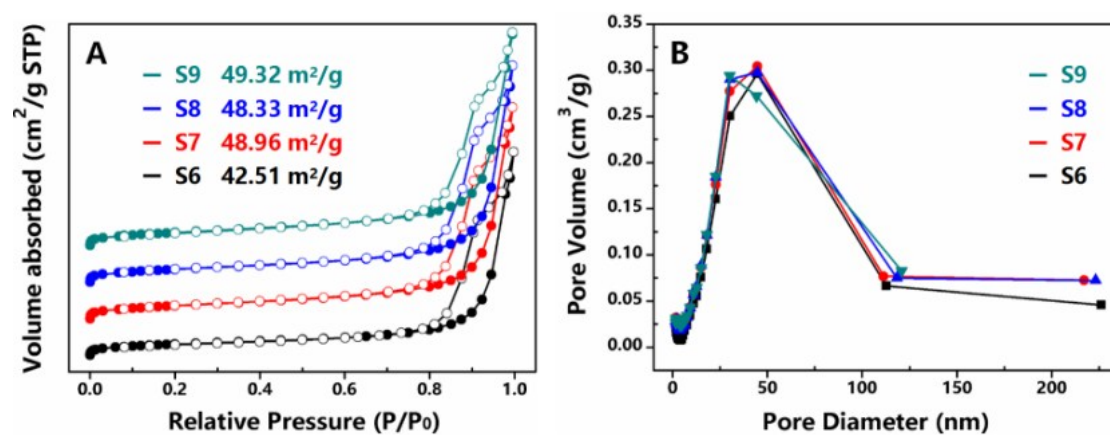


Fig. S3 Nitrogen adsorption-desorption isotherms (A) and pore size distribution (B) of S6 - S9.

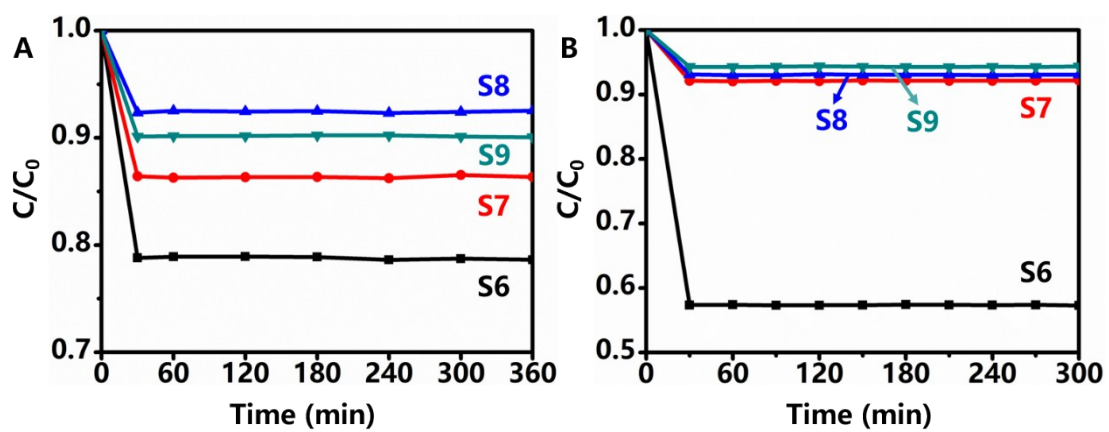


Fig. S4 Absorption of RhB and MO solution with the samples in the dark.

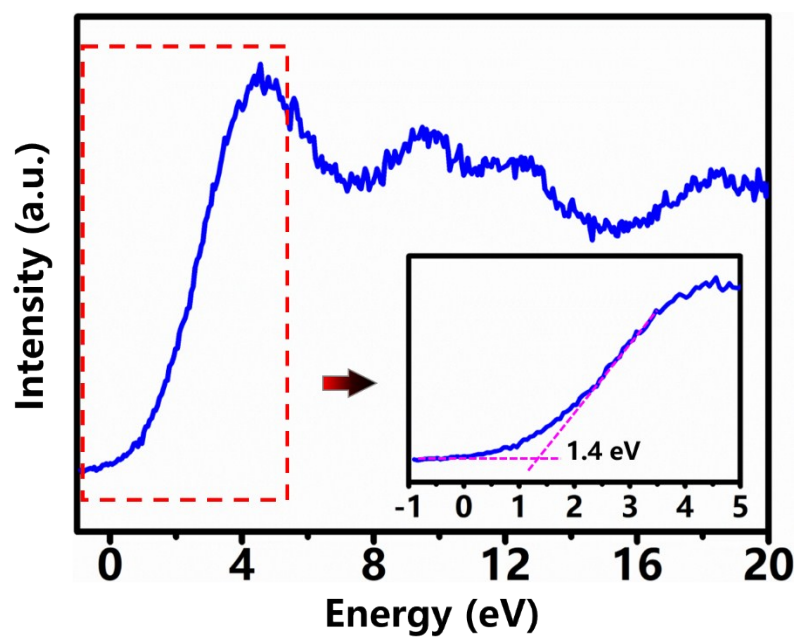


Fig. S5 XPS valence band spectrum of as-prepared CuAl_2O_4 HNFs (S8). The insert is the enlarged spectrum from the region noted by dotted box

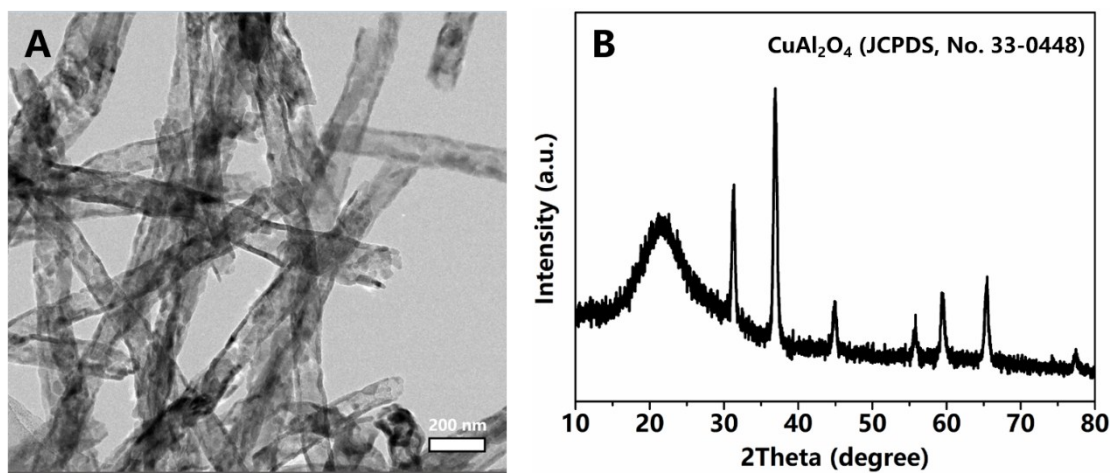


Fig. S6 TEM image (A) and XRD pattern (B) of S8 after photodegradation of MO.