

Supplementary Materials

Photocatalytic self-cleaning cotton fabrics coated by $\text{Cu}_2(\text{OH})\text{PO}_4$ under Vis/NIR irradiation

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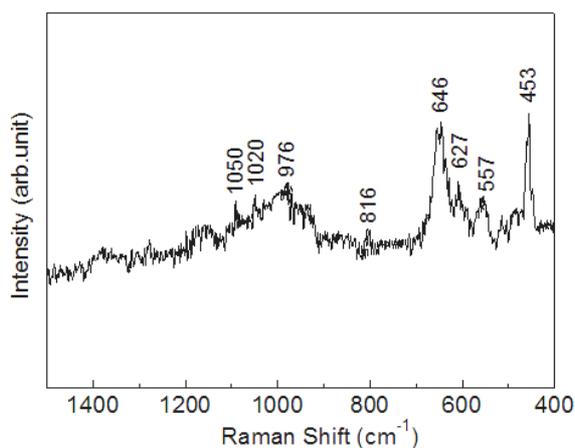


Figure s1. Raman spectra of the CHP-IP6 powers with various morphologies.

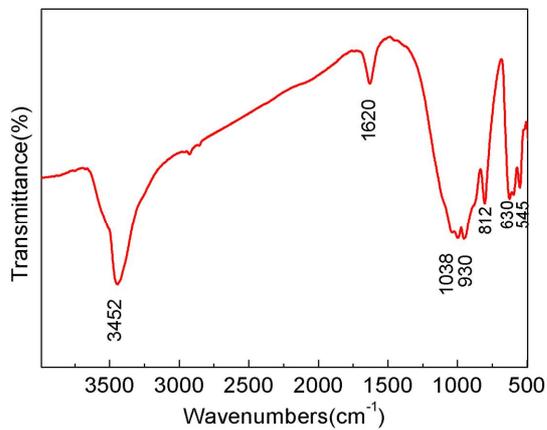


Figure s2. FTIR spectra of CHP-IP6.

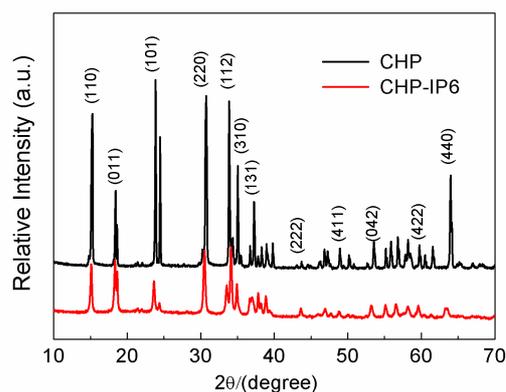


Figure s3. XRD patterns of CHP and CHP-IP6.

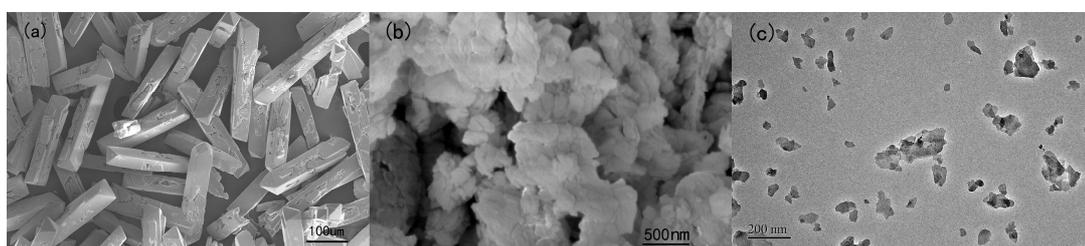


Figure s4. SEM images of (a) CHP, (b) CHP-IP6 and TEM of CHP-IP6

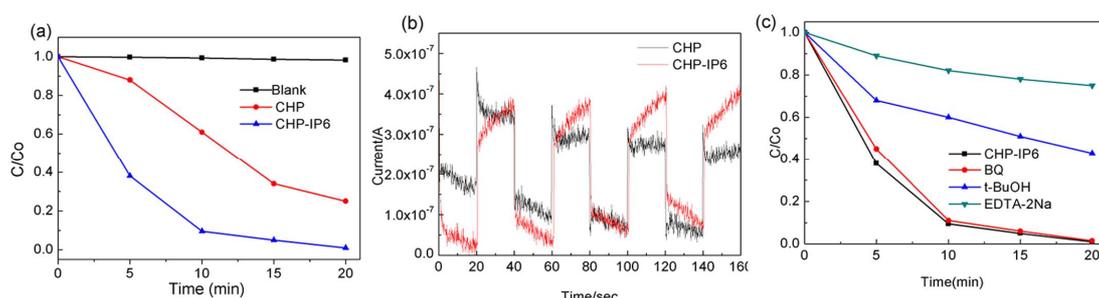


Figure s5. (a) Photocatalytic MB degradation under Vis-NIR irradiation; (b) transient photocurrent responses of CHP and CHP-IP6; (c) Fig. 7 effect of the different scavengers on RhB degradation for CHP-IP6 .