

Supporting Information

Visible light activity of $\text{Bi}_2\text{WO}_6@$ TCNQ with core-shell structure in phenol degradation

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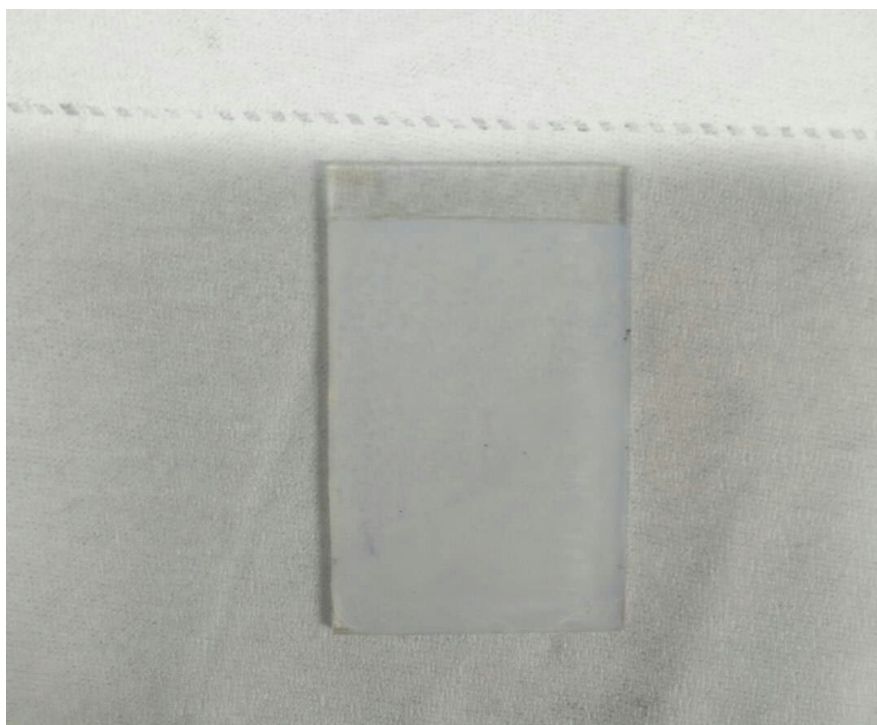


Fig 1S Digital photos of the working electrodes

The working electrodes were prepared as follows: A composite (3 mg) was suspended in 1 mL of deionized water under ultrasound. A slurry was obtained and all dip-coated onto an indium tin oxide (ITO) glass electrode. Our experiment ensures that the amount of catalyst prepared on the electrode is the same by the above method.

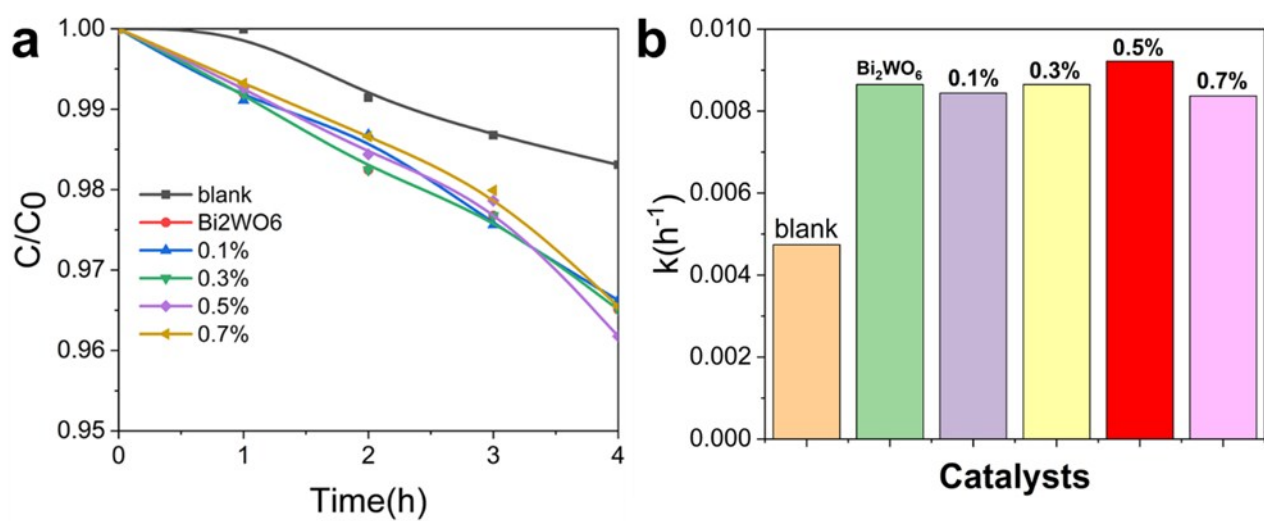


Fig S2 Comparison of different photocatalysts for photodegradation of phenol for 10 ppm

when the phenol initial concentration is 10ppm, there was little improvement in catalytic activity compared with Bi_2WO_6 due to the high concentrations of phenol blocked the active site of the photocatalyst.