Supporting Information

Surfactant-free synthesis of hollow CuS nanospheres via clean Cu_2O templates and its catalytic oxidation of dye molecules with H_2O_2

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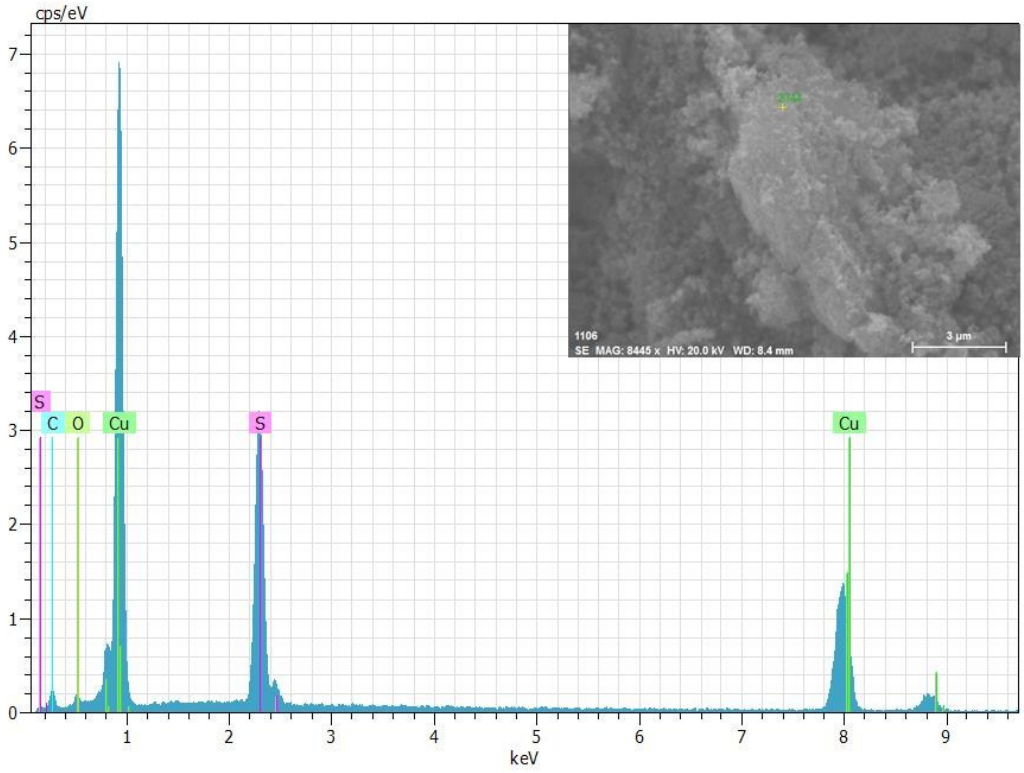
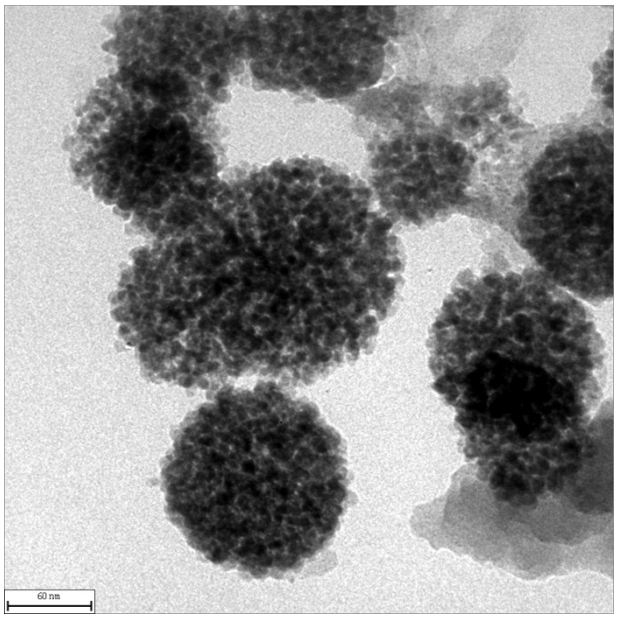
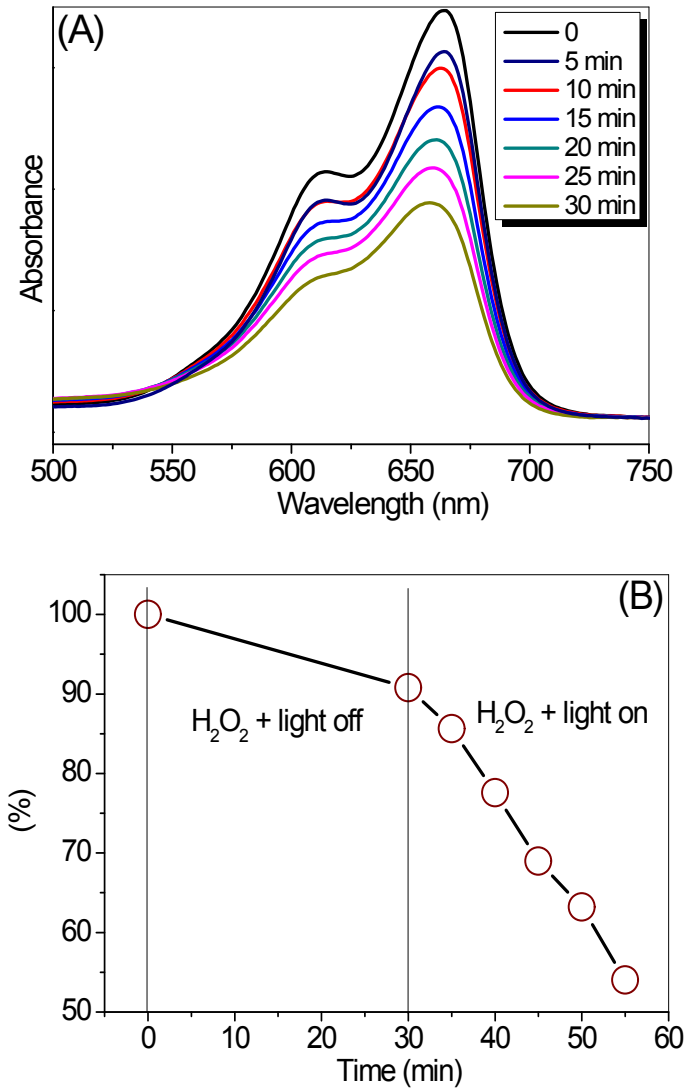


SFigure 1. SEM-EDX result of hollow CuS nanospheres.



SFig. 2. TEM image of Cu_2O nanoaggregrates.



SFig.3. UV-Vis spectra (A) and degradation efficiency (B) of MB (10 ppm, 100 mL) in the presence of H_2O_2 without CuS hollow nanospheres.