Supporting Information

for

Enhanced catalytic activity without the use of an external light source using microwave-synthesized CuO nanopetals

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Additional Figures

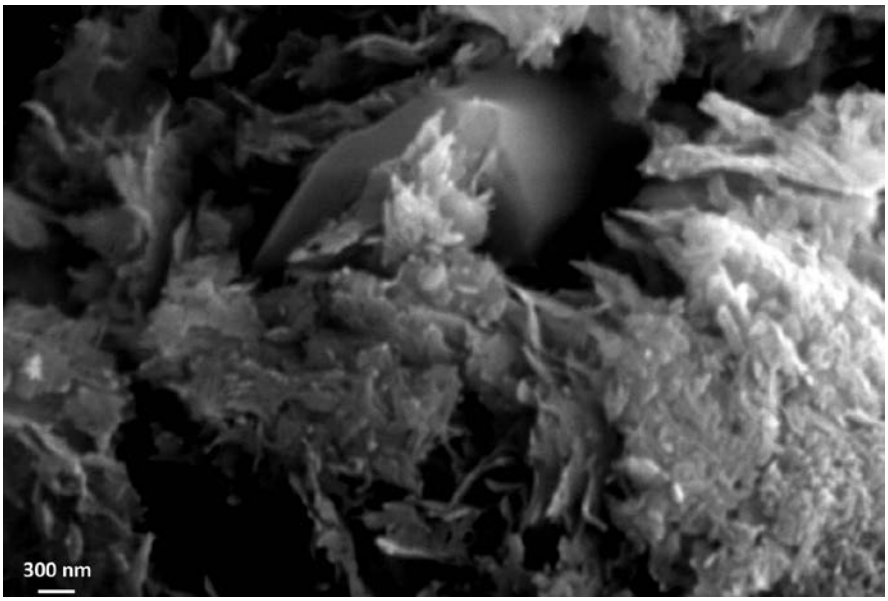

Figure S1: FESEM image of mixed phase CuO nanostructures obtained for the synthesis duration of 5 min.

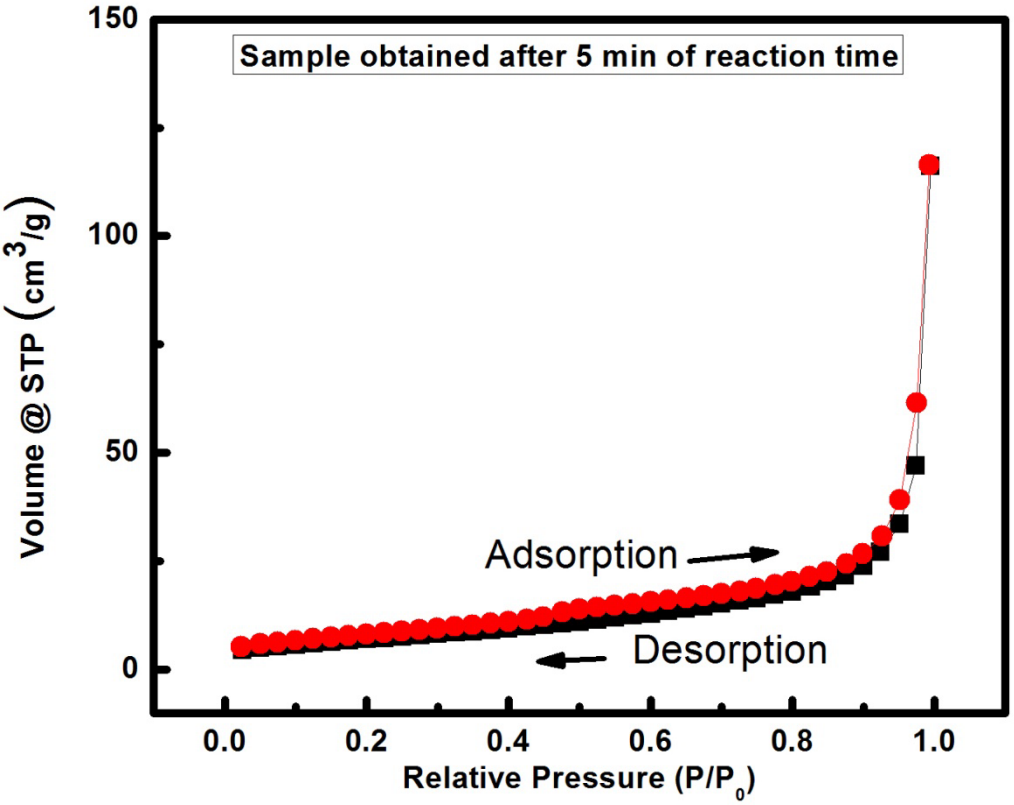

Figure S2: Nitrogen adsorption–desorption isotherm at 77 K for the sample obtained for the reaction duration of 5 min.

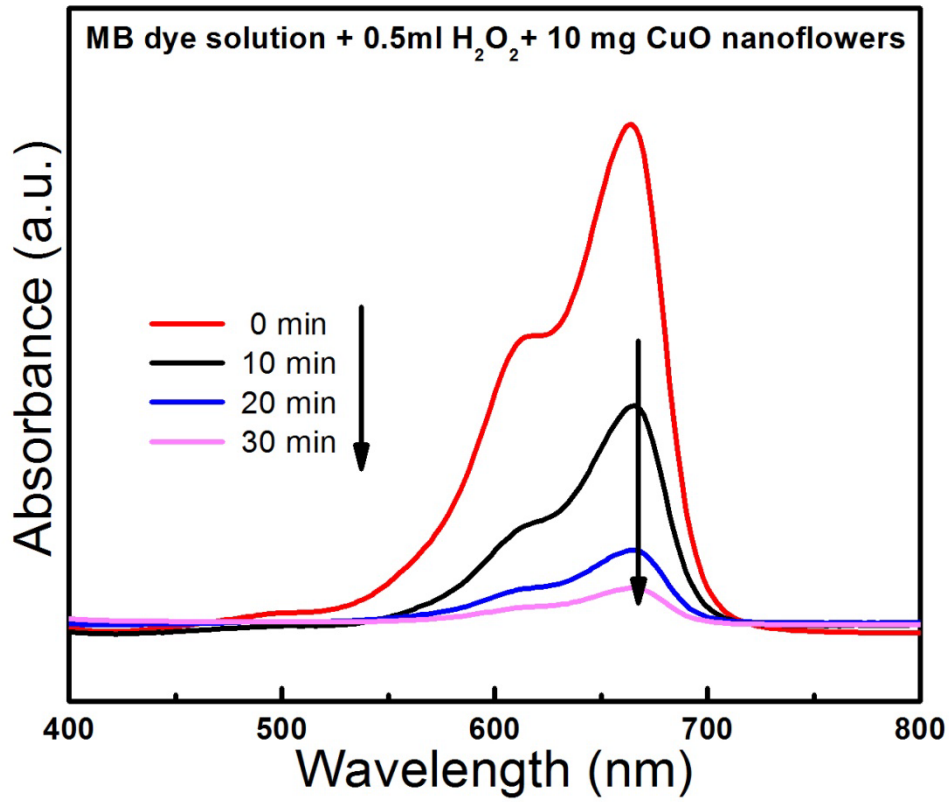

Figure S3: UV–vis absorption spectra for MB degradation for different duration for 10 mg nanoflowers of CuO and 0.5 mL H_2O_2.

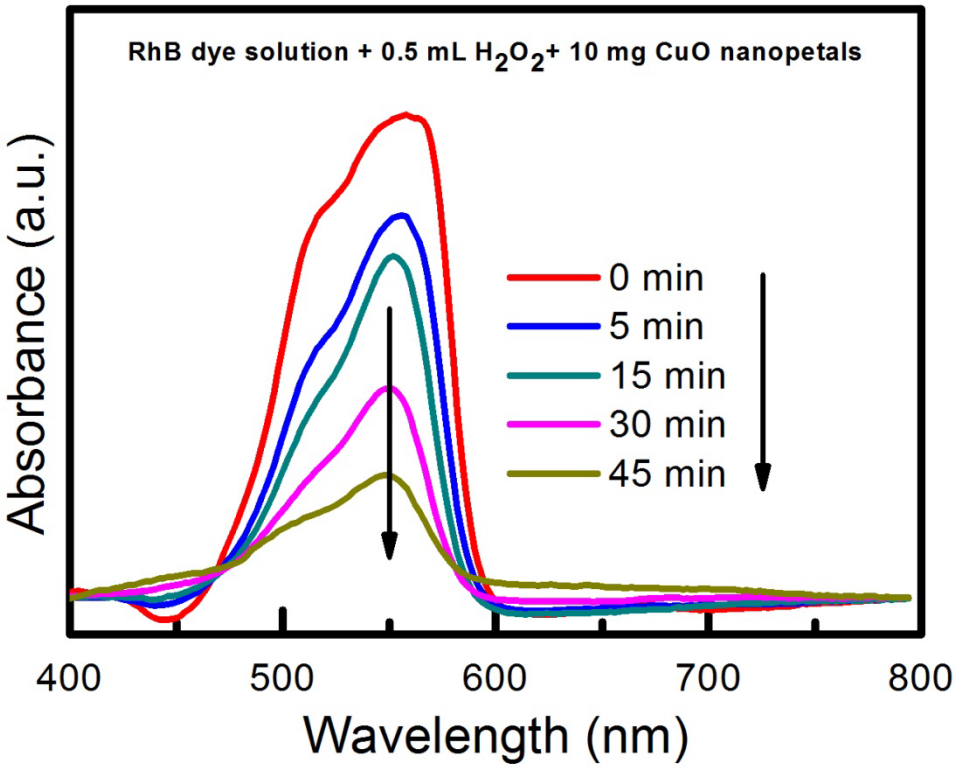

Figure S4: UV-vis absorption spectra for RhB degradation for different duration for 10 mg nanopetals of CuO and 0.5 mL H_2O_2