

Supporting Information for

Core-shell hierarchical Fe/Cu bimetallic Fenton catalyst with improved adsorption and catalytic performance for Congo red degradation

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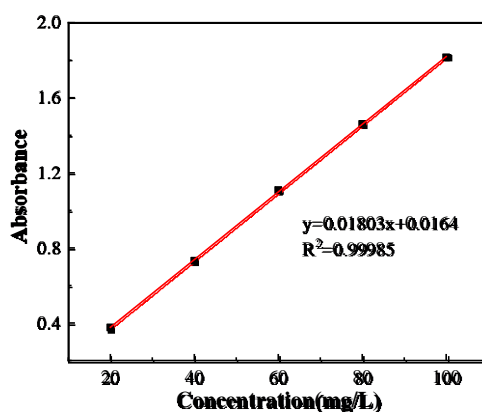


Figure S1 The standard curve of Congo red

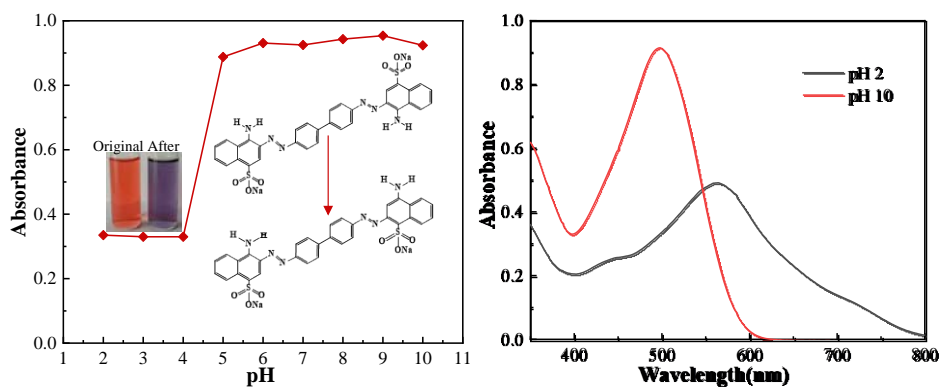


Figure S2 The effect of pH on absorbance of Congo red solution

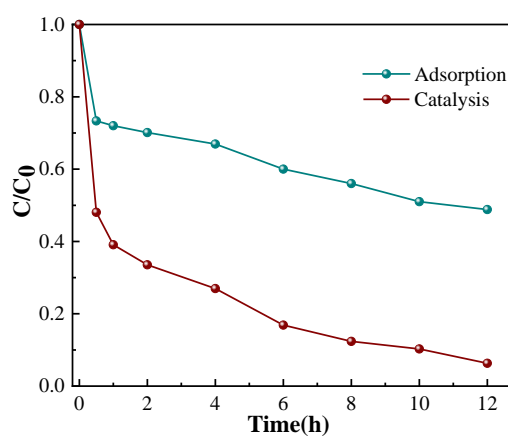


Figure S3 Adsorption and catalysis comparison

The iron and copper leaching in CR degradation of 4A-Fe@Cu was investigated and the results are shown in Figure S4. The maximum value of iron and copper leaching of catalyst is 0.048 mg/L and 0.094 mg/L. The low values indicate that the prepared catalyst is relatively stable.

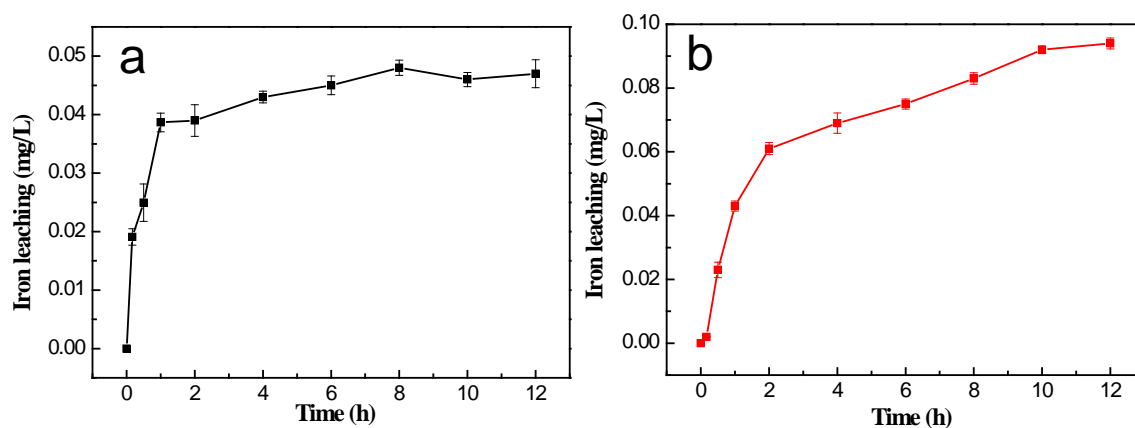


Figure S4 Iron (a) and Copper (b) leaching in CR degradation of 4A-Fe@Cu. Reaction conditions: pH 8, 2 g/L catalysts, 1 g/L CR solution, 7.2 mM H₂O₂.