



# Non-Stacked $\gamma$ -Fe<sub>2</sub>O<sub>3</sub>/C@TiO<sub>2</sub> Double-Layer Hollow Nanoparticles for Enhanced Photocatalytic Applications under Visible Light

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As shown in Figure S1, the catalytic activity of non-stacked  $\gamma$ -Fe<sub>2</sub>O<sub>3</sub>/C@TiO<sub>2</sub> decreased by only 5.0% during no less than 5 catalytic cycles, which showed enhanced reusability of catalyst applied in degradation of phenol.

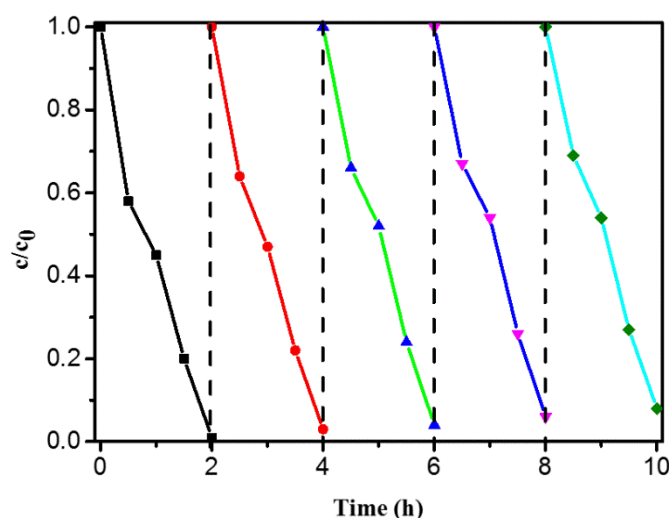


Figure S1. The lifetime of Non-stacked  $\gamma$ -Fe<sub>2</sub>O<sub>3</sub>/C@TiO<sub>2</sub>.