

Eco-friendly Porous Iron (III) Oxides Micromotors for Efficient Wastewater Cleaning

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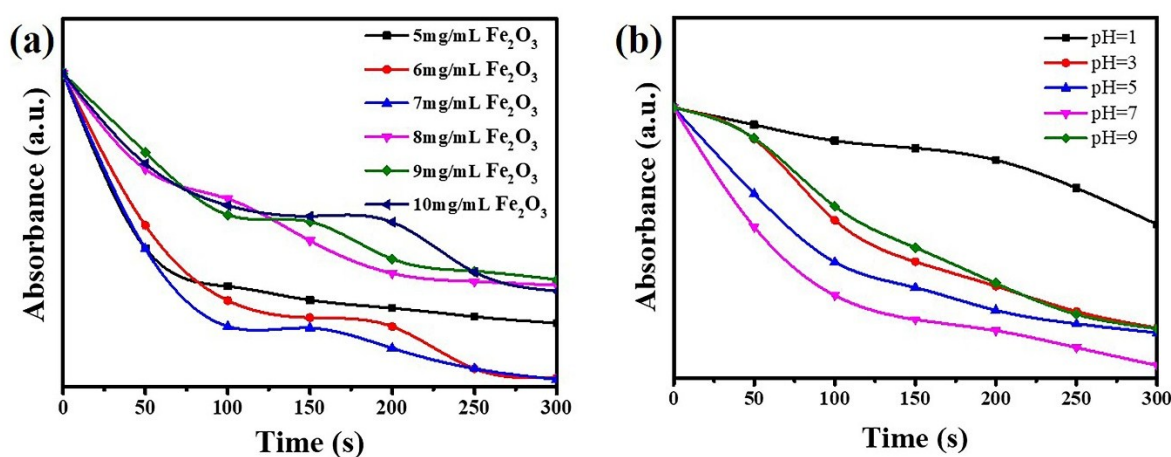


Fig S1 Effect of Fe₂O₃ micromotors with different concentration in 1% H₂O₂(a)and pH on the adsorption of MB in 1% H₂O₂ and 7mg mL⁻¹Fe₂O₃(b).

Video S1 Comparison of catalytic properties of PB and Fe₂O₃ micromotors in 10% H₂O₂ and 0.33% Triton X-100.

Video S2 Self-propelled movement of Fe₂O₃ micromotors in 1%-10% H₂O₂ and 0.33% Triton X-100.

Video S3 Movement of Fe₂O₃ micromotors under applied magnetic field in 3% H₂O₂ solution and 0.33% Triton X-100.

Video S4 Movement of Fe₂O₃ micromotors during different timeperiods of 0, 30, 60, 90and120 min in 7% H₂O₂ solution and 0.33% Triton X-100.

Video S5 Effect of H₂O₂ on adsorption of methyl blue.

Video S6 Comparative experiments on adsorption of methyl blue by Fe₂O₃ micromotors in 0.1% H₂O₂.