

Supplementary Materials: Mini-Emulsion-Fabricated Magnetic and Fluorescent Hybrid Janus Micro-Motors

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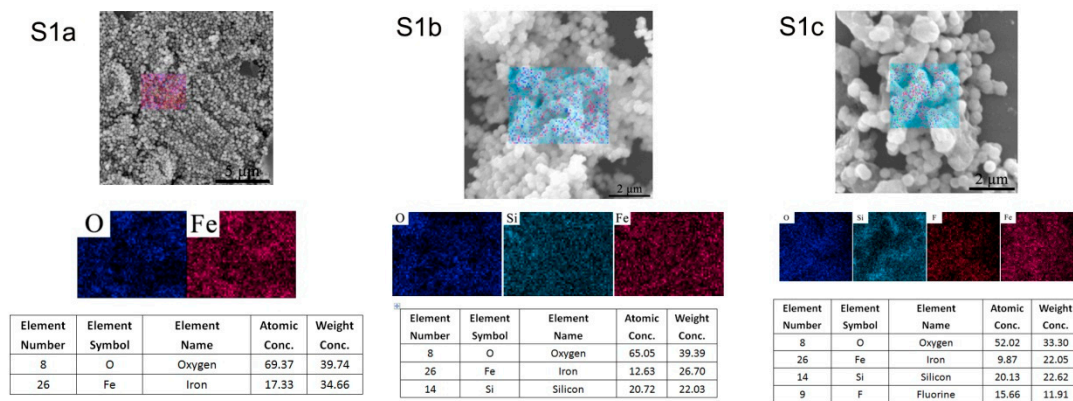


Figure S1. Energy-dispersive X-ray spectroscopy (EDS) of Fe₃O₄ (S1a), Fe₃O₄@SiO₂ (S1b) and fluorosilane surface modification Fe₃O₄@SiO₂ (S1c).

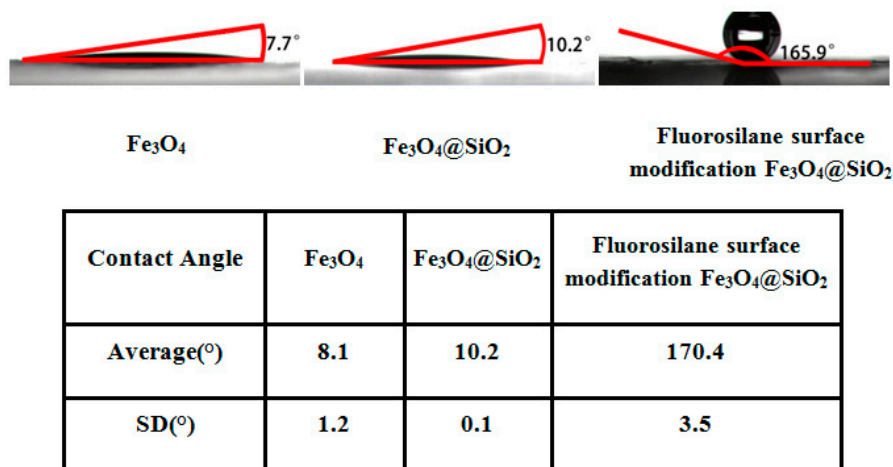


Figure S2. Contact angle measurement of Fe₃O₄, Fe₃O₄@SiO₂ and fluorosilane surface modification Fe₃O₄@SiO₂ in photos and tables.

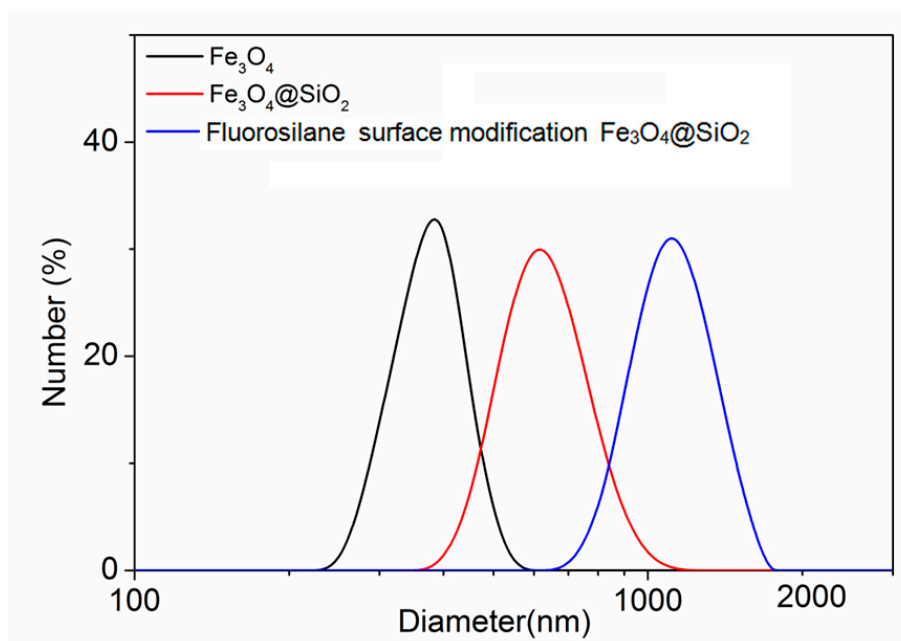


Figure S3. Size distribution of Fe_3O_4 , $\text{Fe}_3\text{O}_4@\text{SiO}_2$ and fluorosilane surface modification $\text{Fe}_3\text{O}_4@\text{SiO}_2$ by dynamic light scattering measurement.

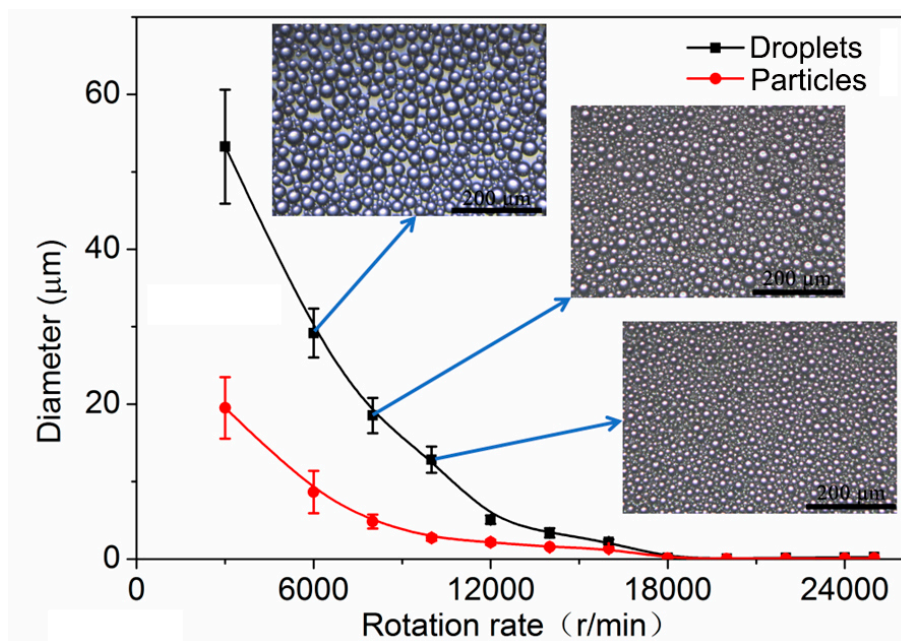


Figure S4. The relationship between size and rotation speed.

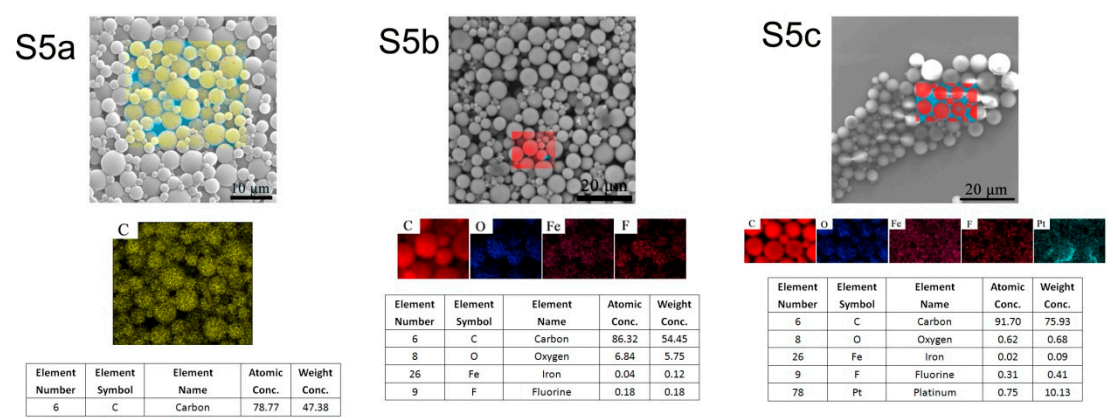


Figure S5. Energy-dispersive X-ray spectroscopy (EDS) of Polystyrene micro particles (S5a), magnetic PS micro particle (S5b) and platinum coated magnetic PS micro particles (S5c).