

MOFs-Derived Magnetic Co@Porous Carbon as Direction-Controlled Micromotors for Drug Delivery

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Video S1 Self-propelled movement of Co@PCs (annealing at 500 °C, 600 °C, 700 °C, 800 °C, respectively) in 7% H₂O₂ and 0.33% Triton X-100.

Video S2 Self-propelled movement of Co@PCs (annealing at 600 °C) in different concentration of H₂O₂ (1%-10%) and 0.33% Triton X-100.

Video S3 Direction control of Co@PCs.

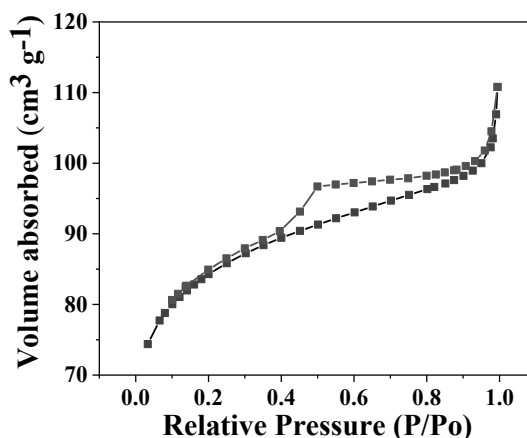


Fig. S1 N₂ adsorption/desorption isotherms of Co@PCs-600

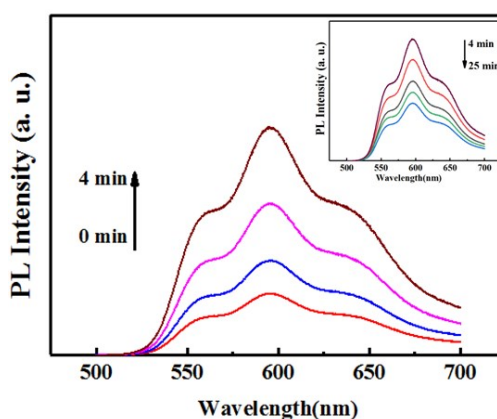


Fig. S2 Emission spectra of Co@PCs-600/DOX in 5% H₂O₂ solution at different time vary from 0 to 4 min (0, 1, 2 and 4 min) and 4 to 25 min (4, 10, 15, 20, and 25min) (insert).