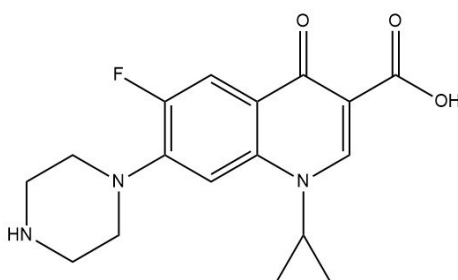


Electronic Supplementary Information



Ciprofloxacin (CIP)

Fig. S1 The molecular structures of ciprofloxacin (CIP).

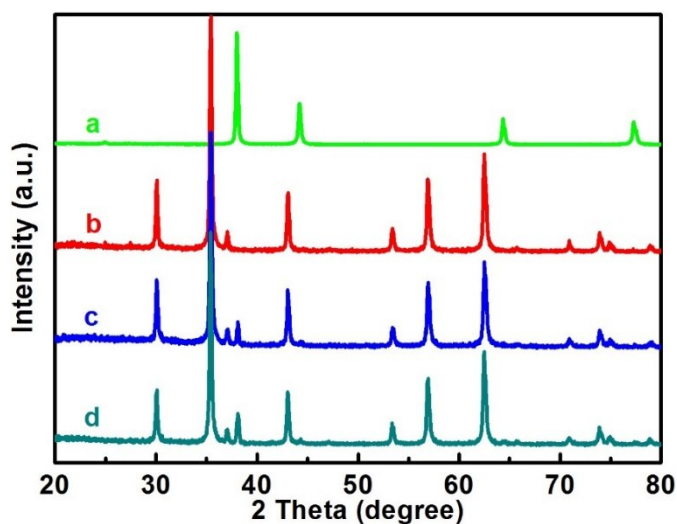


Fig. S2 XRD patterns of different samples (a. Ag-POPD, b. CoFe_2O_4 , c. imprinted Ag-POPD/ CoFe_2O_4 and d. non-imprinted Ag-POPD/ CoFe_2O_4).

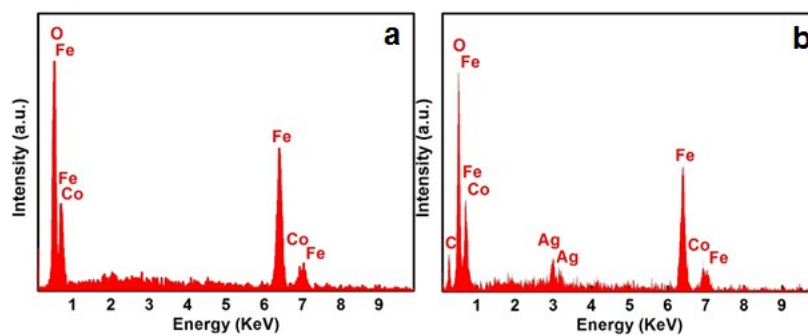


Fig. S3 EDS spectra of CoFe_2O_4 (a) and imprinted Ag-POPD/ CoFe_2O_4 (b).

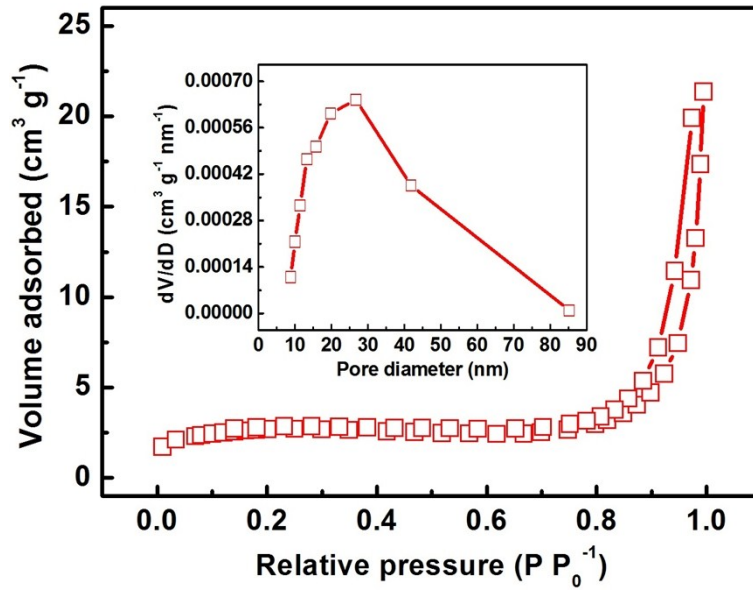


Fig. S4 N₂ adsorption-desorption isotherm and corresponding pore size distribution curve (inset) of the non-imprinted Ag-POPD/CoFe₂O₄.

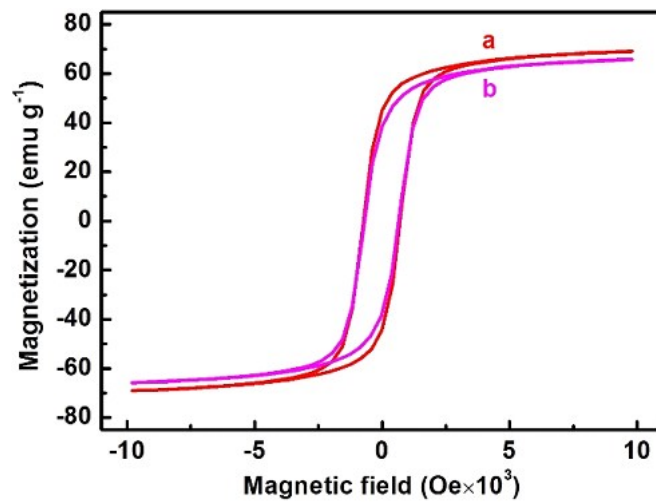


Fig. S5 Magnetization patterns at room temperature of CoFe₂O₄ (a) and imprinted Ag-POPD/CoFe₂O₄ (b).

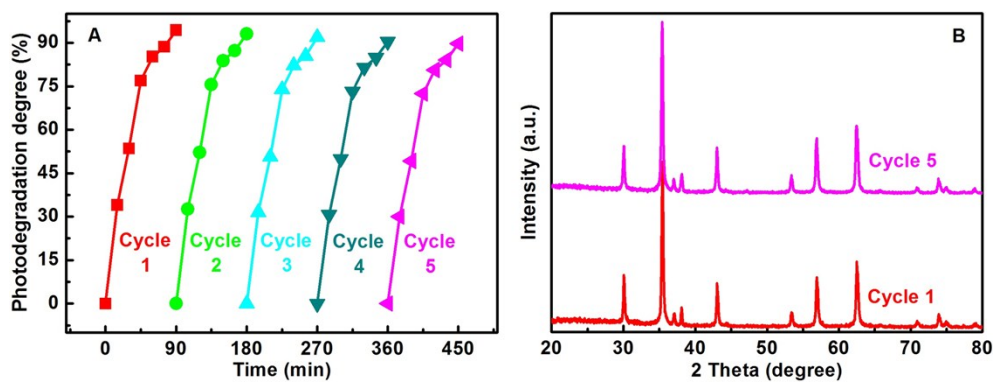


Fig. S6 Photodegradation degrees (A) and XRD patterns (B) of the imprinted Ag-POP/CoFe₂O₄ with different cycles.

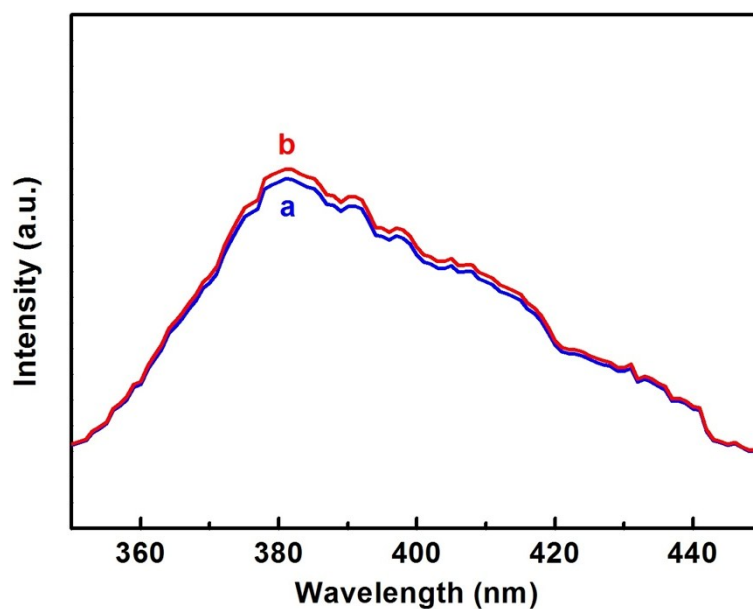


Fig. S7 Photoluminescence (PL) spectra of imprinted Ag-POP/CoFe₂O₄ (a) and imprinted Ag-POP/CoFe₂O₄ after 5 cycles (b).