Electronic Supplementary Information

Electrospun magnetic $CoFe_2O_4$/Ag hybrid nanotubes for sensitive SERS detection and monitoring of the catalytic degradation of organic pollutants

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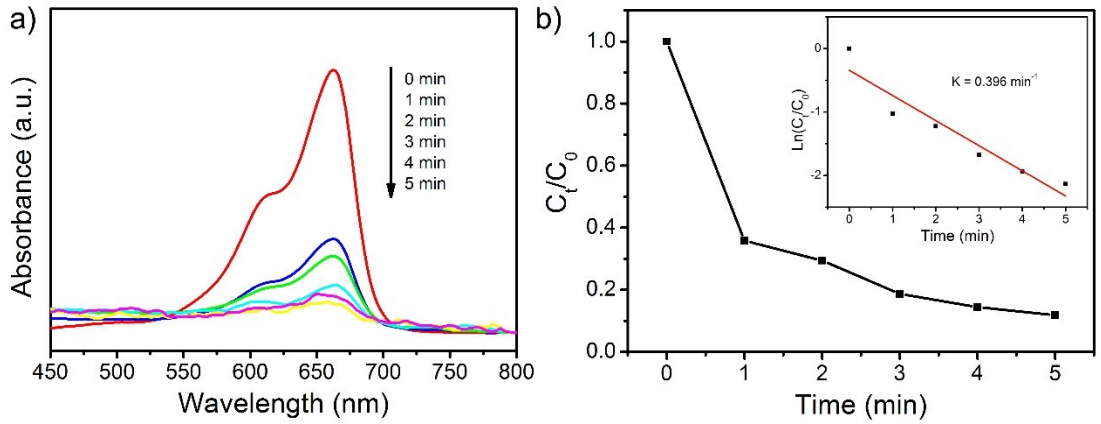

Fig. S1 a) Successive UV–vis absorption spectra of MB aqueous solution in the presence of $CoFe_2O_4$/Ag hybrid nanotubes and $NaBH_4$; b) The relationship between C_t/C_0 and the reaction time. The inset shows the relationship between $\ln(C_t/C_0)$ and reaction time.

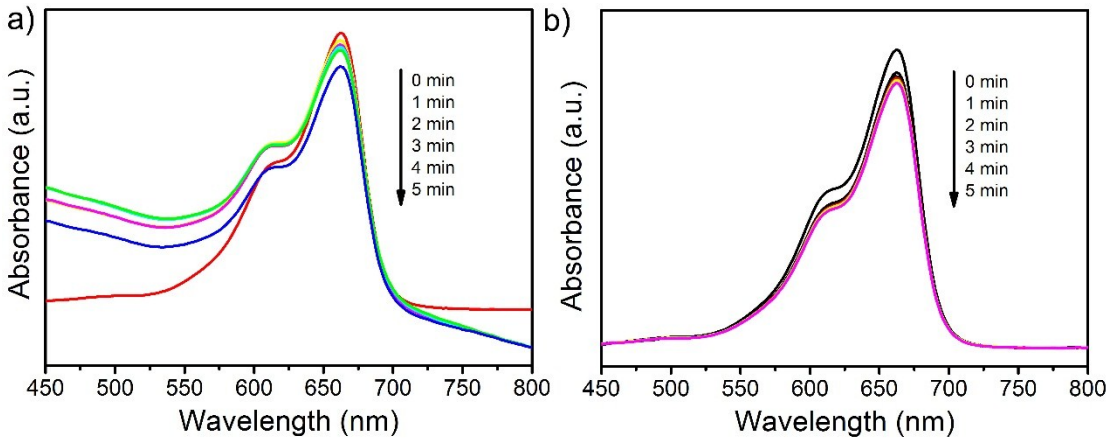

Fig. S2 a) Successive UV–vis absorption spectra of MB aqueous solution in the presence of individual electrospun $CoFe_2O_4$ nanotubes and $NaBH_4$; b) Successive UV–vis absorption spectra of MB aqueous solution in the presence of individual electrospun Ag nanomaterials and $NaBH_4$.