

**Gold nanoparticles modified magnetic fibrous silica microsphere
as a highly efficient and recyclable catalyst for the reduction of 4-
nitrophenol**

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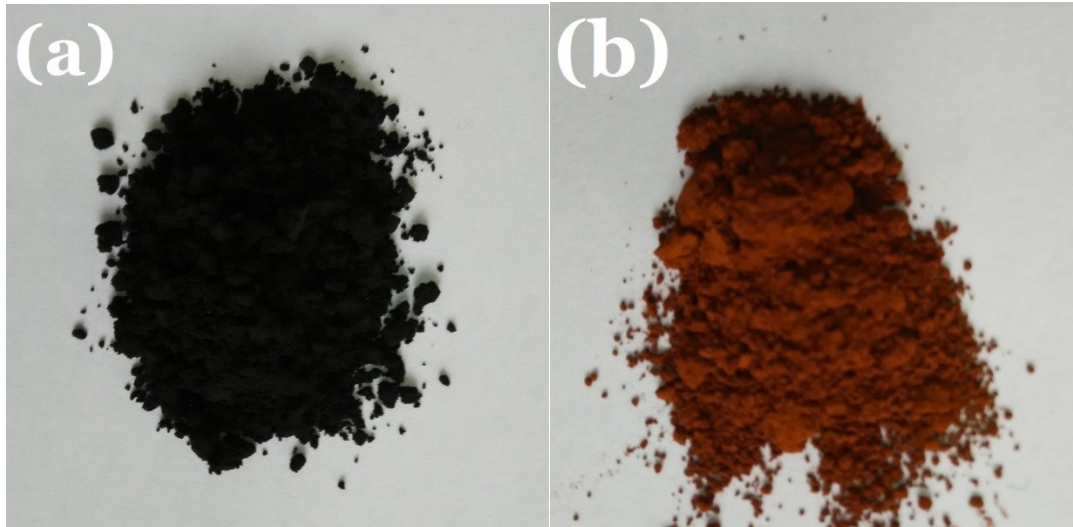


Fig. S1. Photographs of (a) $\text{Fe}_3\text{O}_4@\text{SiO}_2$ (black), (b) $\gamma\text{-Fe}_2\text{O}_3@\text{SiO}_2@\text{KCC-1}$ (brownness).

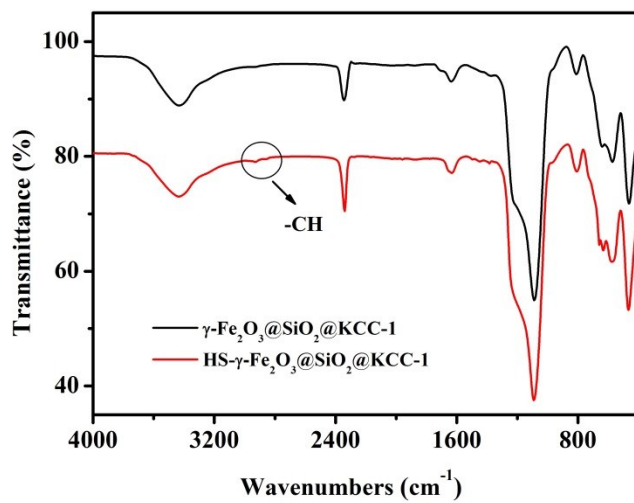


Fig. S2. FT-IR spectra of $\gamma\text{-Fe}_2\text{O}_3@\text{SiO}_2@\text{KCC-1}$ and $\text{HS-}\gamma\text{-Fe}_2\text{O}_3@\text{SiO}_2@\text{KCC-1}$.

Table S1. Element contents of HS- γ -Fe₂O₃@SiO₂@KCC-1 and Au/ γ -Fe₂O₃@SiO₂@KCC-1.

Sample	Element content (%)			
	C	H	S	Au
HS- γ -Fe ₂ O ₃ @SiO ₂ @KCC-1	2.08	0.61	1.82	
Au/ γ -Fe ₂ O ₃ @SiO ₂ @KCC-1				4.63