

Supporting information

One-Pot Synthesis of Magnetically Separable Ordered Mesoporous Carbons

Yunpu Zhai,^[a] Yuqian Dou,^[b] Xiaoxia Liu,^[b] Bo Tu^[a] and Dongyuan Zhao^{*[a]}

[a] Yunpu Zhai, Prof. Dr. Bo Tu and Prof. Dr. Dongyuan Zhao

Department of Chemistry, Shanghai Key Laboratory of Molecular Catalysis and Innovative Materials, Key Laboratory of Molecular Engineering of Polymers of the Chinese Ministry of Education, Laboratory of Advanced Materials, Fudan University, Shanghai 200433, P. R. China

[b] Yuqian Dou, Xiaoxia Liu

Department of Chemistry, Northeastern University, Shenyang 110004, P.R. China

Email: dyzhao@fudan.edu.cn

Tel: 86-21-5163-0205; Fax: 86-21-6564-1740

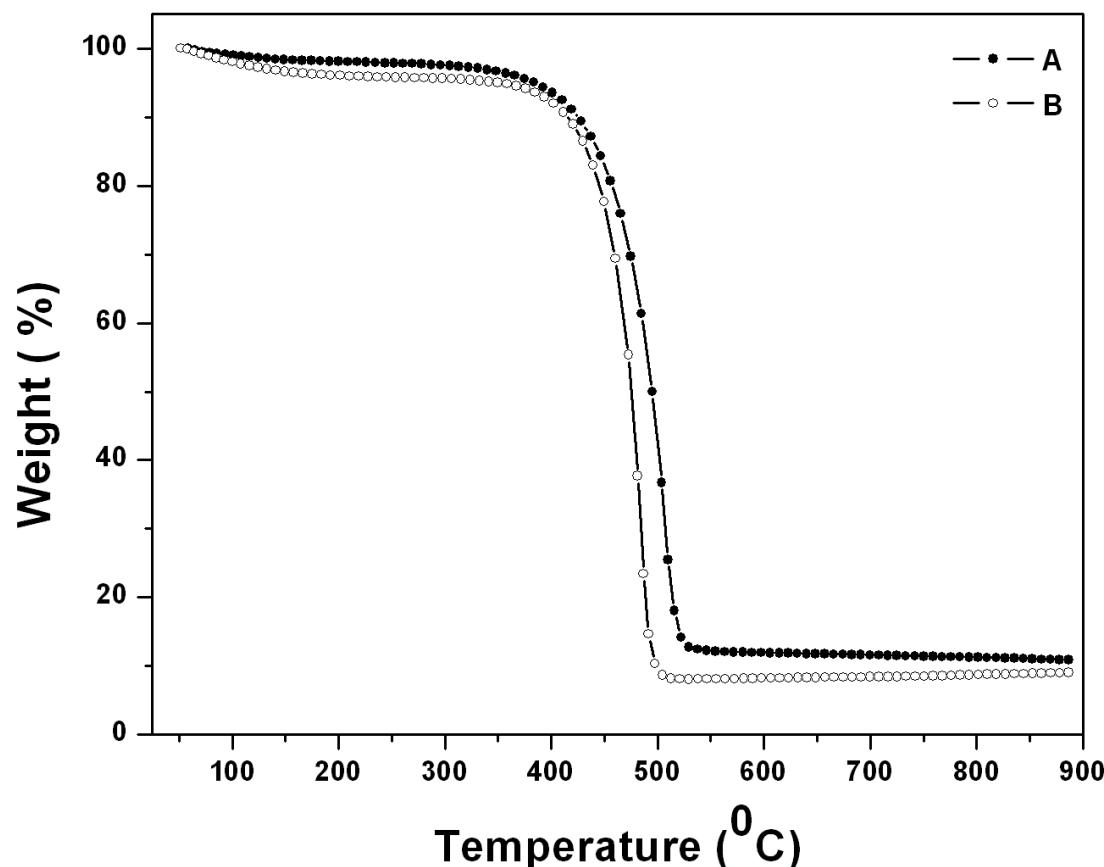


Figure S1. Thermogravimetric analysis (TG) curves recorded in air of mesoporous $\gamma\text{-Fe}_2\text{O}_3$ /carbon nanocomposites prepared with ferric chloride (A) and ferric nitrate (B) as the metal precursors, respectively, which show that the $\gamma\text{-Fe}_2\text{O}_3$ content are 11.4 and 8.6 wt%, respectively.

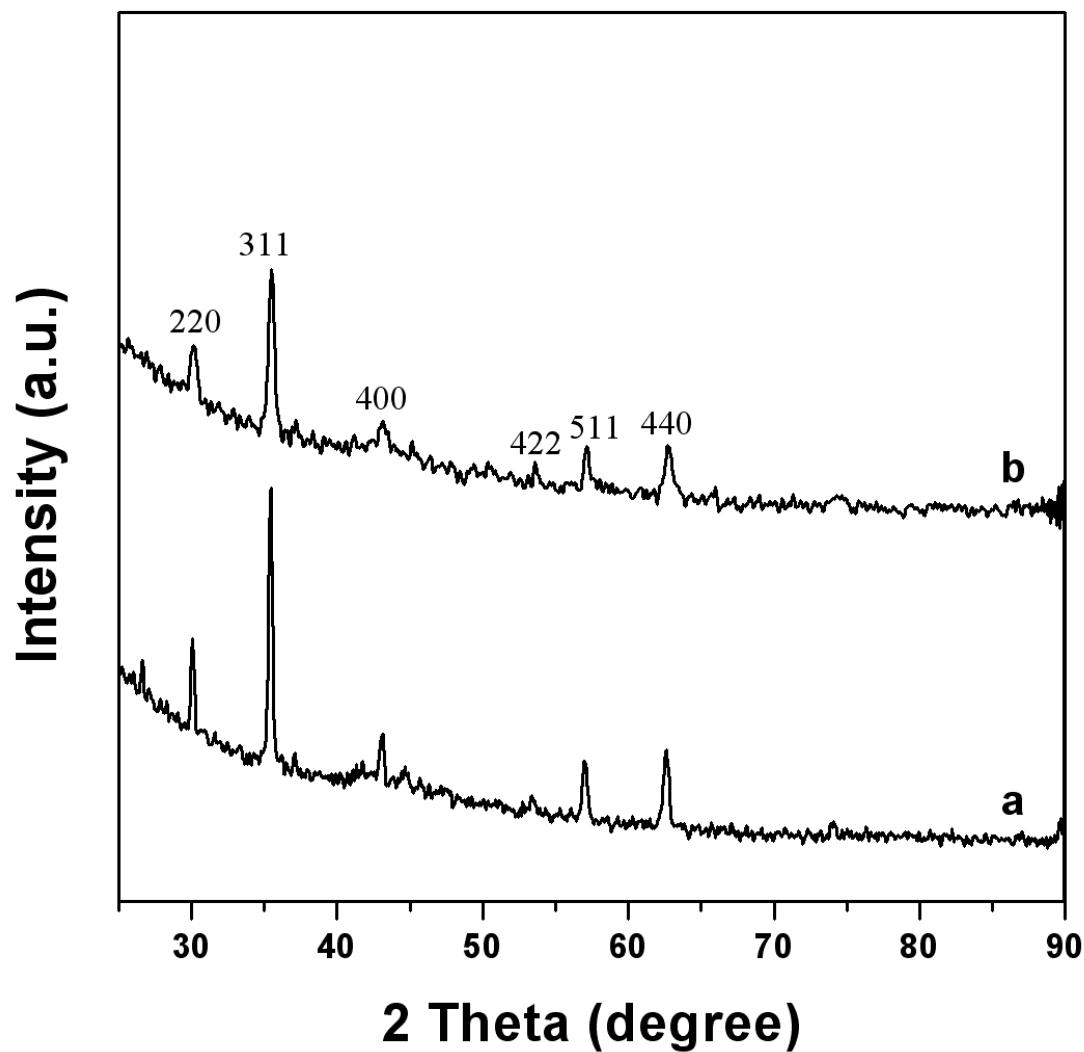


Figure S2. Wide-angle XRD patterns of mesoporous γ -Fe₂O₃/carbon nanocomposites prepared with ferric chloride (a) and ferric nitrate (b) as the metal precursors, respectively.

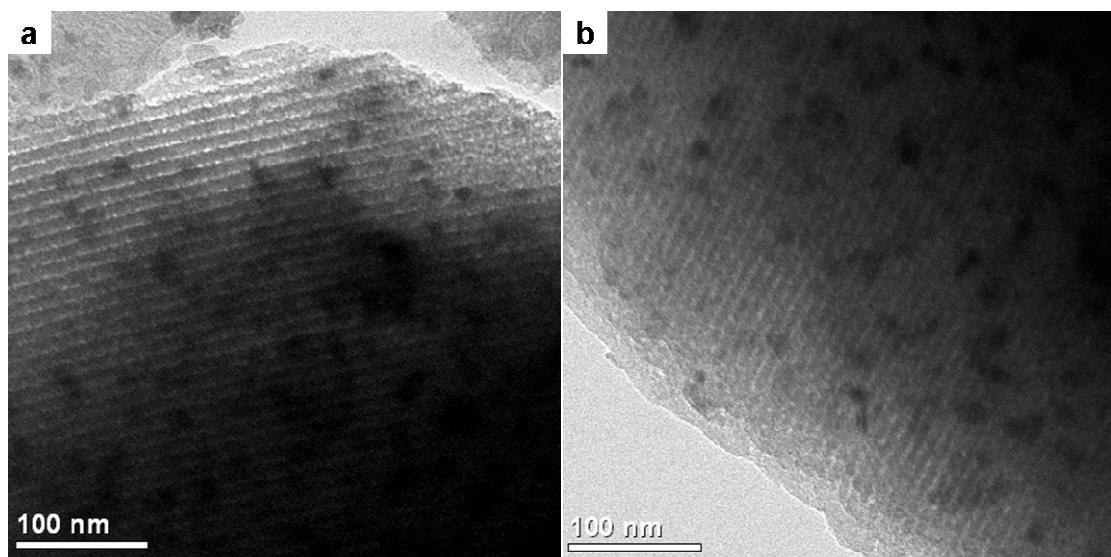


Figure S3. TEM images of mesoporous $\gamma\text{-Fe}_2\text{O}_3$ /carbon nanocomposites prepared with ferric chloride (a) and ferric nitrate (b) as the metal precursors, respectively.