

Electronic Supplementary Information

Synthesis and microwave absorption of uniform hematite nanoparticles and their core-shell mesoporous silica nanocomposites

Xiaohui Guo, Yonghui Deng, Dong Gu, Renchao Che, Dongyuan Zhao*

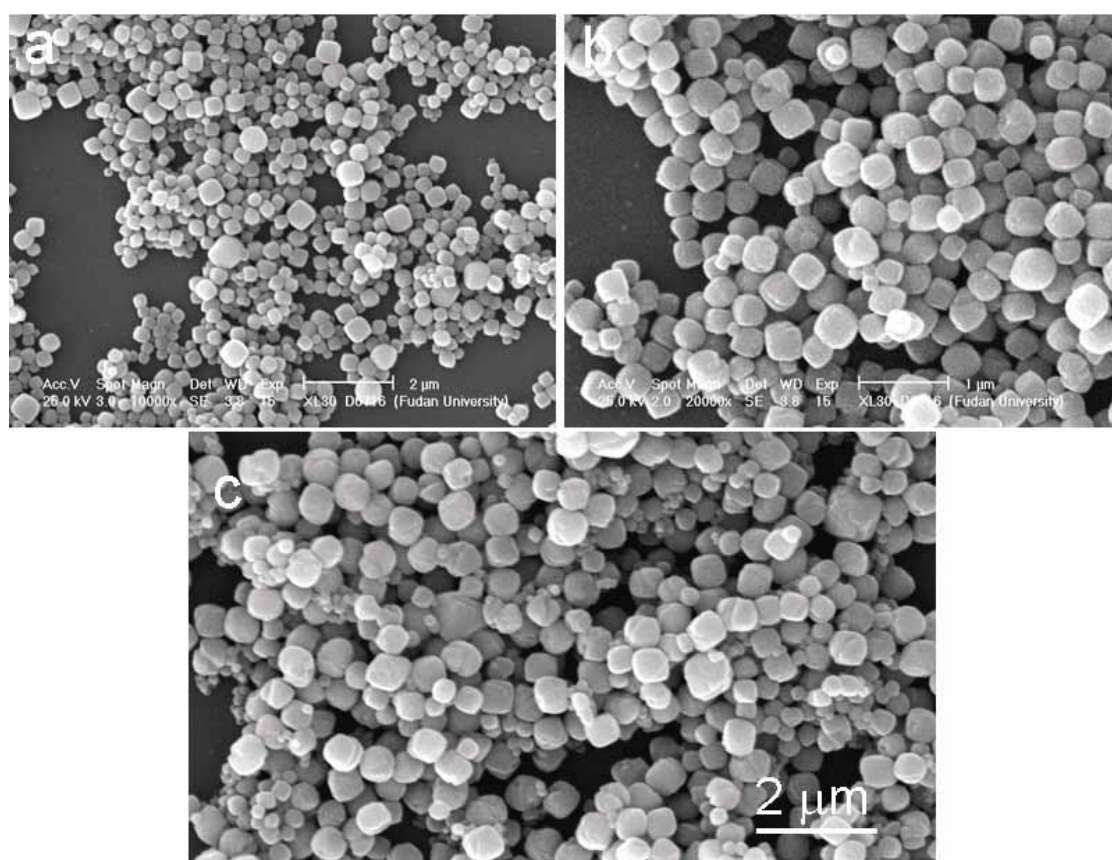


Figure S1. SEM images of the FO particles hydrothermally prepared at 200 °C with different PVP contents (mg), a) 240; b) 60; c) 0.

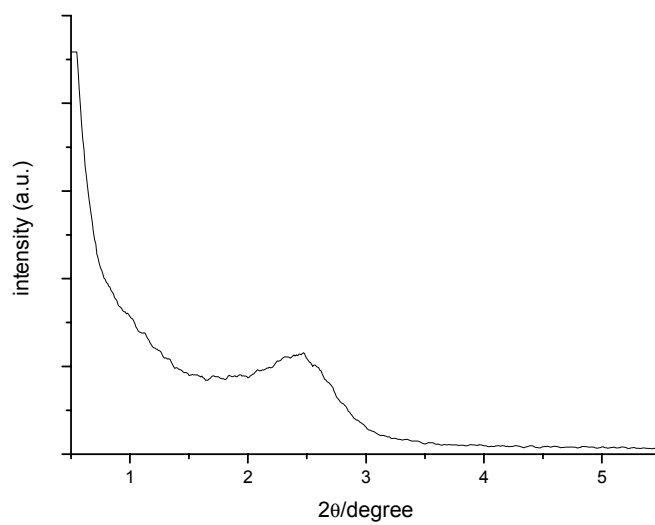


Figure S2. The low-angle X-ray diffraction pattern of the FO@mSiO₂@mSiO₂ core-shell nano composites