

Supplementary Material (ESI) for Journal of Materials Chemistry
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Supporting Information

Multifold Enhanced T_2 Relaxation of $ZnFe_2O_4$ Nanoparticles by Jamming Them inside Chitosan Nanospheres

Ying Lin, Wei Yao, Yuan Cheng, Hanqing Qian, Xin Wang, Yin Ding, Wei Wu,
Xiqun Jiang*

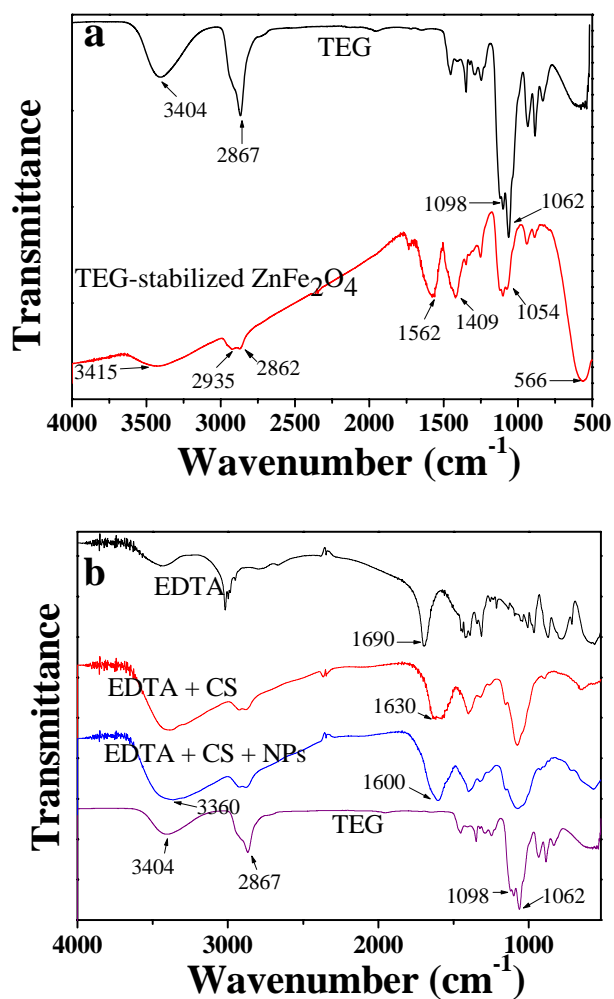


Figure S1. (a) FT-IR spectra of free TEG molecules and TEG-stabilized ZnFe_2O_4 NPs. (b) FT-IR spectra of EDTA, TEG, the blend of CS and EDTA, the blend of CS-EDTA and ZnFe_2O_4 NPs.

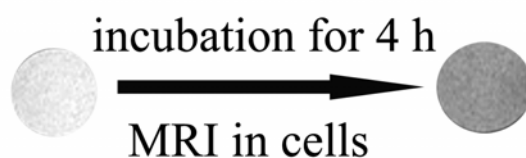


Figure S2. T2-weighted MR image of SH-SY5Y cells without treatment (left) and with treatment of CS- ZnFe_2O_4 -42 (right).