

**Facile Synthesis of 3D Hierarchical Fe₃O₄/Graphene Composites with High
Lithium Storage Capacity and for Controlled Drug Delivery**

**Xiyan Li, Xiaolei Huang, Dapeng Liu,* Xiao Wang, Shuyan Song, Liang Zhou,
and Hongjie Zhang***

*State Key Laboratory of Rare Earth Resource Utilization, Changchun Institute of
Applied Chemistry, Chinese Academy of Sciences, Graduate School of the Chinese
Academy of Sciences, Changchun, 130022, Jilin, China.*

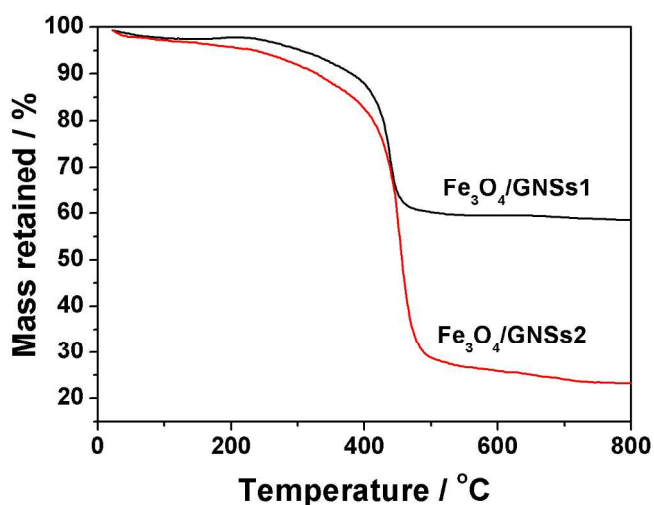


Figure S1. TGA curves of Fe₃O₄/GNSs-1 (62 wt %) and Fe₃O₄/GNSs-2 (25 wt %).

*To whom correspondence should be addressed. E-mail: hongjie@ciac.jl.cn,
diudp@ciac.jl.cn. Fax: +86-431-85698041. Tel: +86-431-85262127.

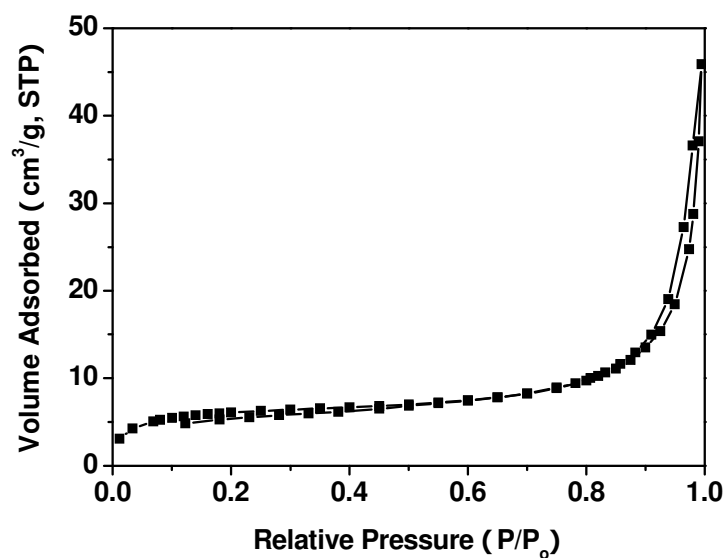
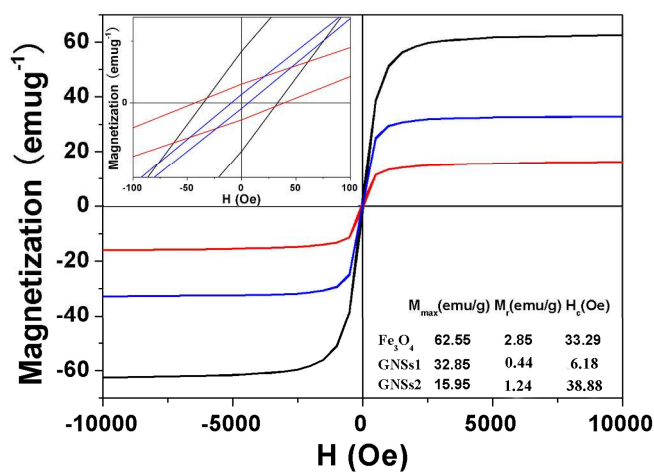


Figure S2. Nitrogen adsorption/desorption isotherm of the as-prepared bare Fe_3O_4 nanoparticles.



FigureS3. Room-temperature hysteresis loop of the Fe_3O_4 and $\text{Fe}_3\text{O}_4/\text{GNSs}$. Insets are the magnified version of the hysteresis loop and the saturation magnetization ($M_{\max}$), remanence (M_r), and coercivity (H_c) of the products.