Supporting Information

Controlled Assembly of Fe_3O_4 Magnetic Nanoparticles on Graphene Oxide

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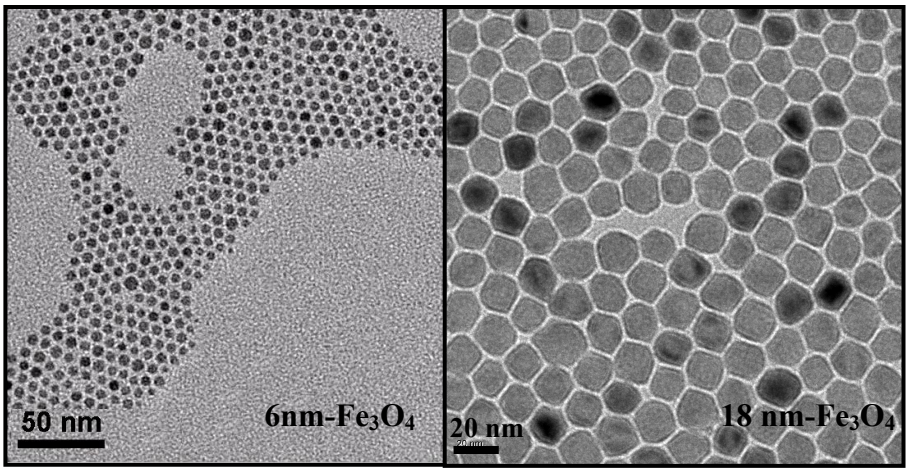

Fig. S1 TEM images of 6 nm and 18 nm Fe_3O_4 NPs.

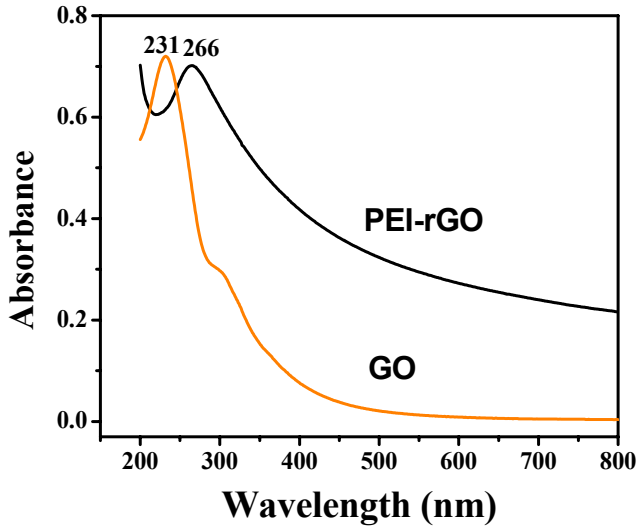

Fig. S2 UV-vis spectra of GO and PEI-rGO.

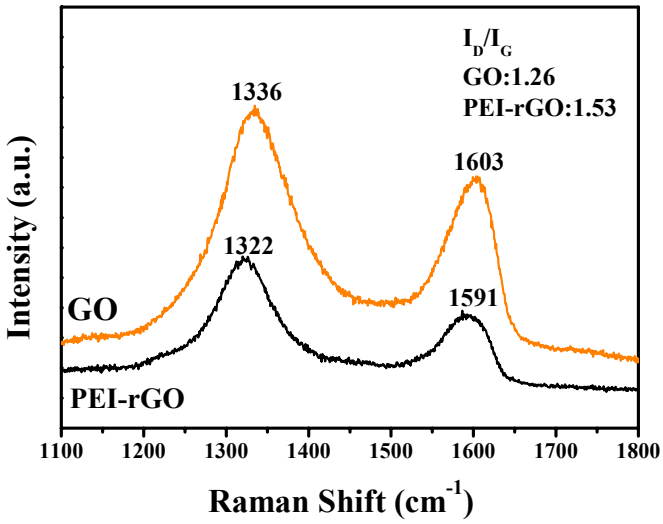

Fig. S3 Raman spectra of GO and PEI-rGO.

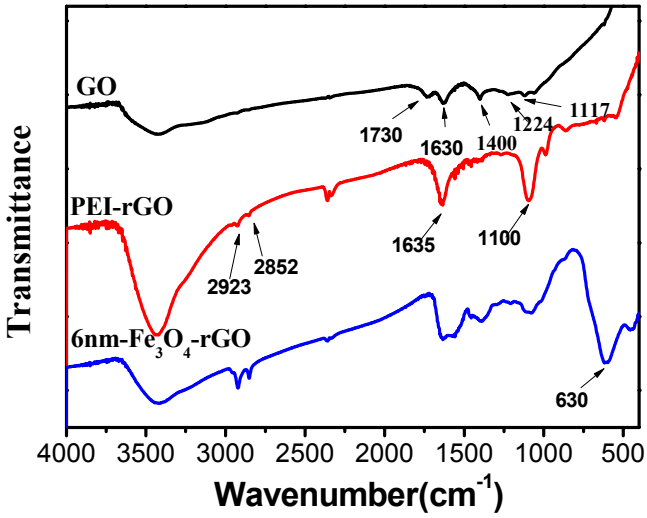

Fig. S4 FTIR spectra of GO, PEI-rGO, and 6 nm Fe_3O_4-rGO.

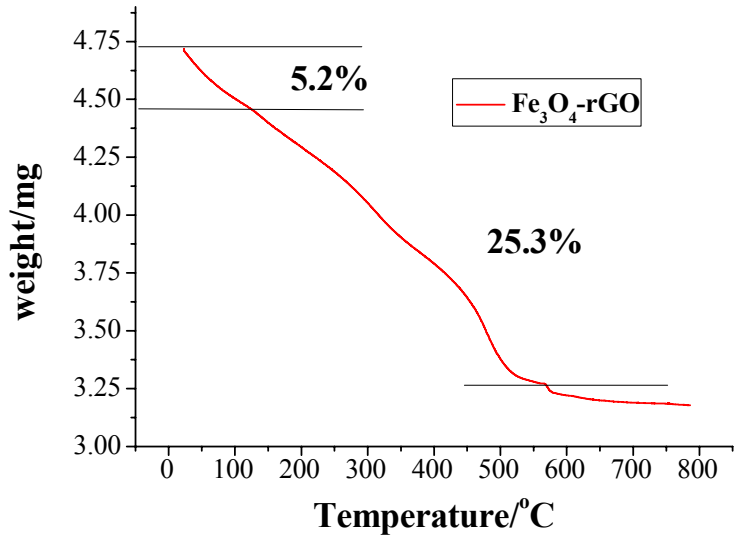

Fig. S5 Thermal gravimetric analysis of 6 nm Fe_3O_4 -rGO.

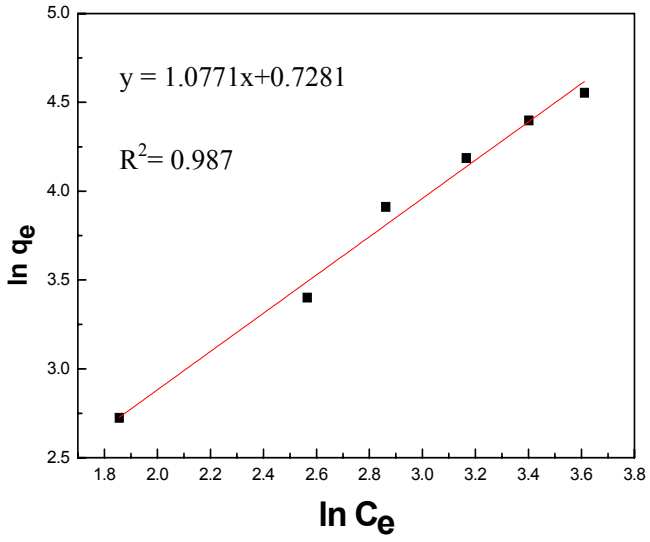

Fig. S6 Freundlich adsorption isotherm curve