Electronic Supplementary Material (ESI) for Journal of Materials Chemistry
This journal is © The Royal Society of Chemistry 2012

Supplementary Information

Reduced Graphene Oxide-MnO_2 Hollow Sphere Hybrid Nanostructures as High-performance Electrochemical Capacitors

Hao Chen,[a] Shuxue Zhou,[a] Min Chen[a] and Limin Wu*[ab]

[a] Department of Materials Science, [b]Advanced Materials Laboratory, Fudan University, Shanghai 200433, China

Tel.: +86-21-65643795;

E-mail: lmw@fudan.edu.cn

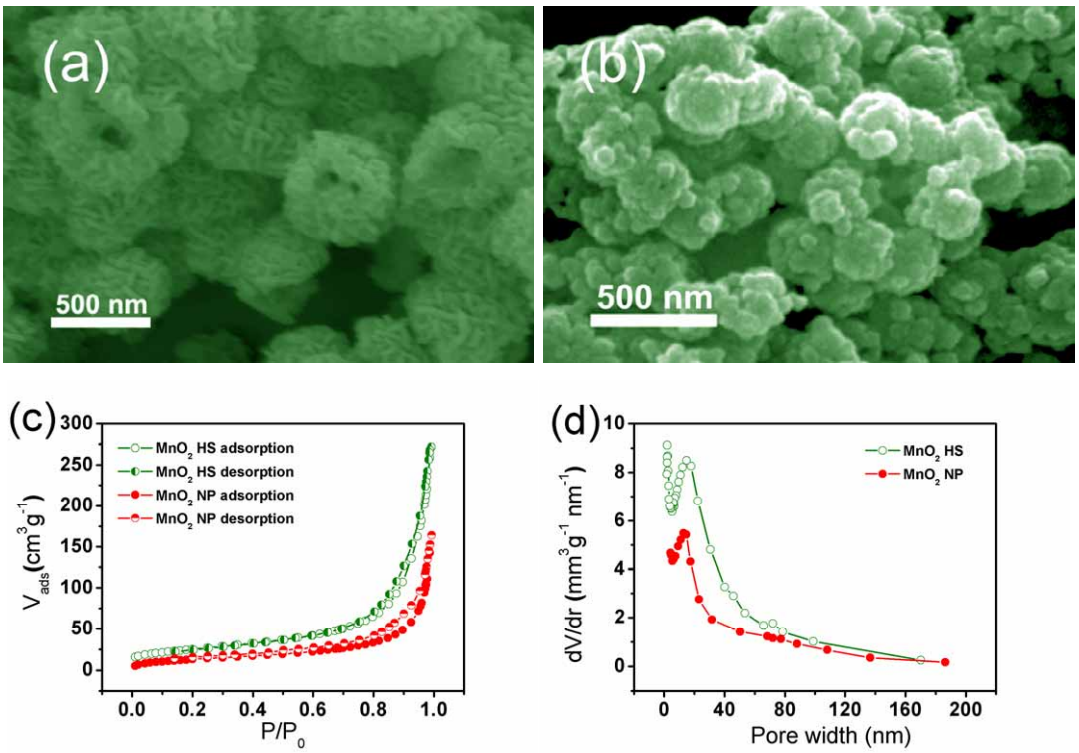

Figure S1. SEM images of the as-synthesized (a) MnO_2 hollow spheres and (b) MnO_2 nanoparticles. (c) Nitrogen (77 K) adsorption/desorption isotherms and (d) BJH pore size distribution of as-synthesized MnO_2 hollow spheres and MnO_2 nanoparticles.

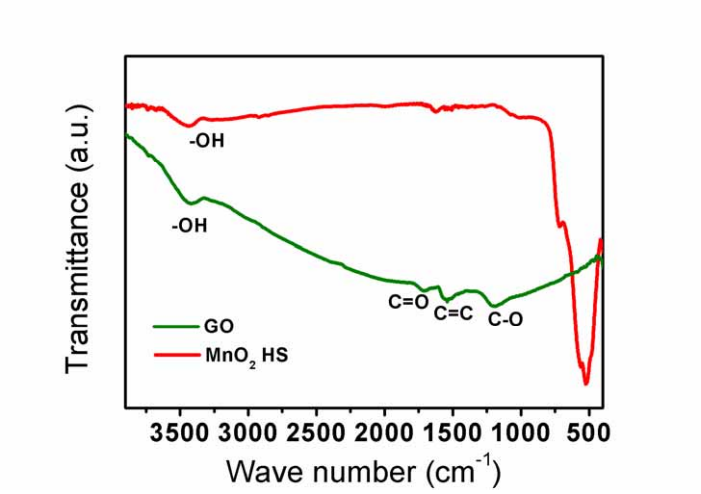

Figure S2. FTIR spectra of graphene oxide and MnO_2 HS powder.

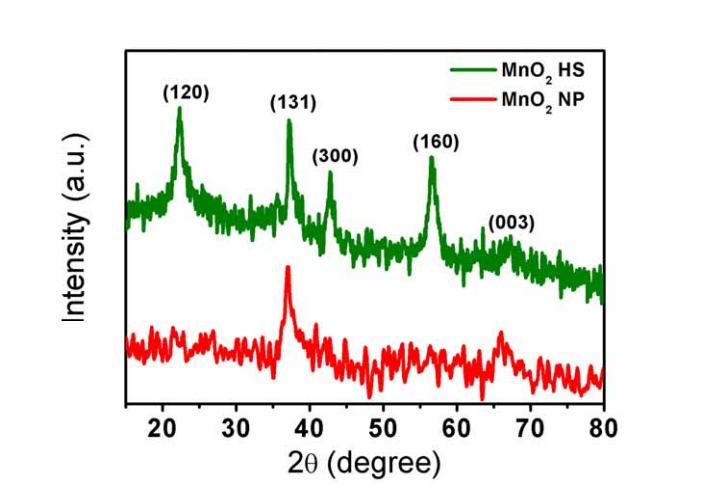

Figure S3. XRD patterns of the as-prepared MnO_2 hollow spheres and nanoparticles.