

Supplementary Information

One-step synthesis of three-dimensional porous ionic liquid-carbon nanotube-graphene gel and MnO₂-graphene gel as freestanding electrodes for asymmetric supercapacitor

Yimin Sun,^{*a} Yubo Cheng,^a Kui He,^a Aijun Zhou,^a and Hongwei Duan^{*b}

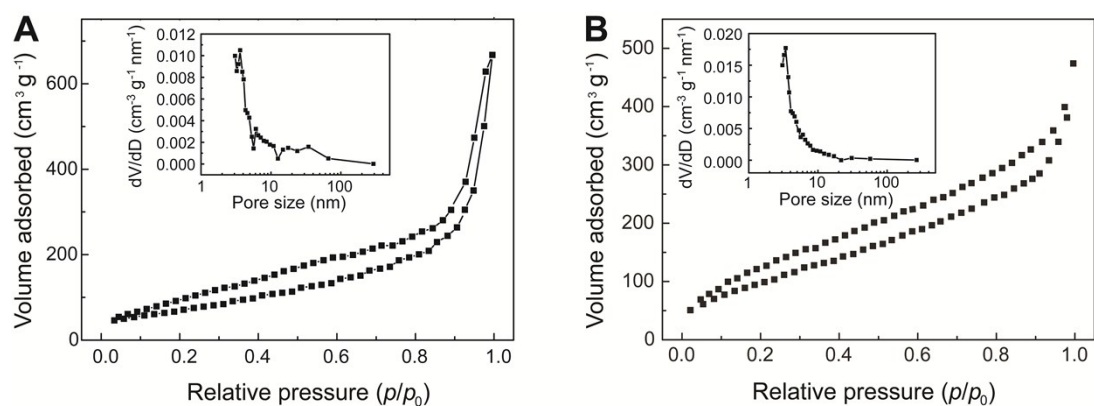


Fig. S1 Nitrogen gas adsorption and desorption isotherms of (A) IL-CNT-rGO gel and (B) MnO₂-rGO gel. Insets are the corresponding pores size distribution (PSD) for IL-CNT-rGO gel and MnO₂-rGO gel.

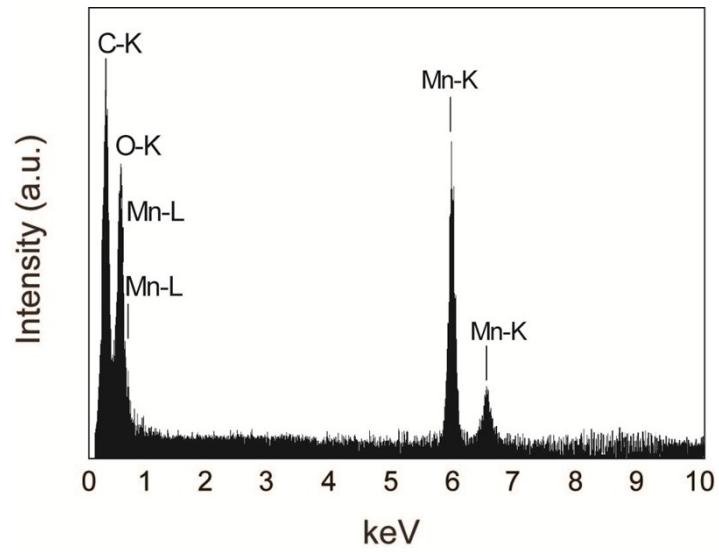


Fig. S2 EDS spectrum of MnO_2 -rGO gel.

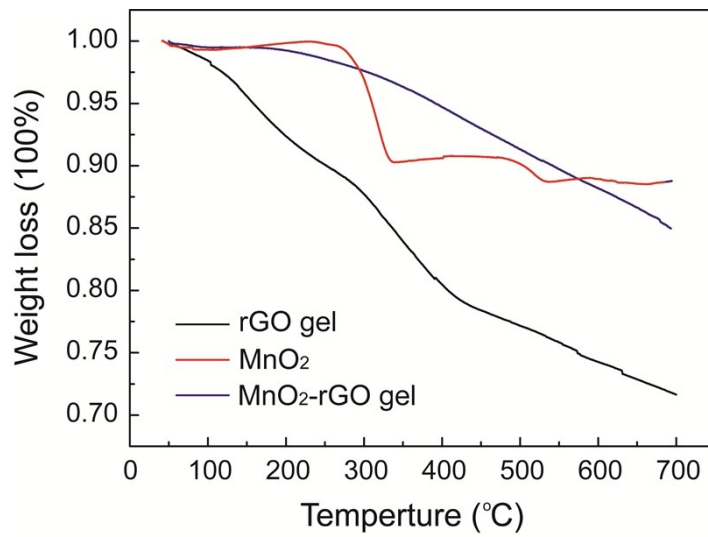


Fig. S3 TGA analysis of rGO gel, MnO_2 and MnO_2 -rGO gel.