

Supplementary Information for

One-Step Synthesis of Graphene Nanoribbon / MnO₂ Hybrids and Their All-Solid-State Asymmetric Supercapacitors

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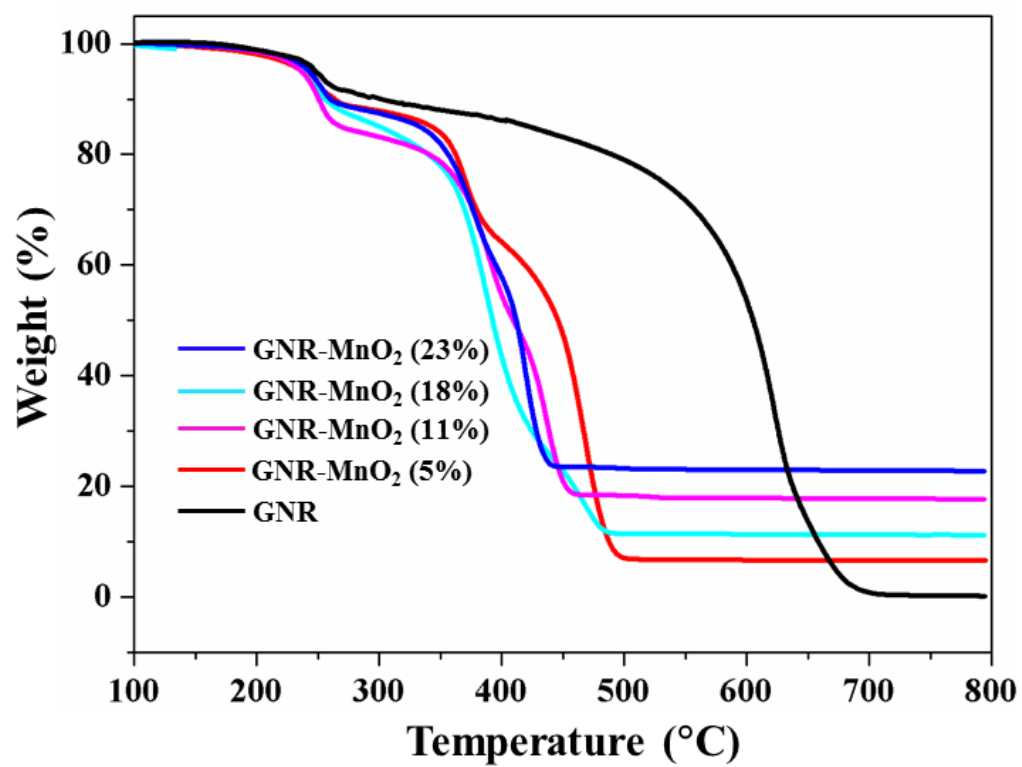


Figure S1. TGA curves of the GNR sheets and GNR-MnO₂ hybrids with different mass loadings of MnO₂ nanoparticles.

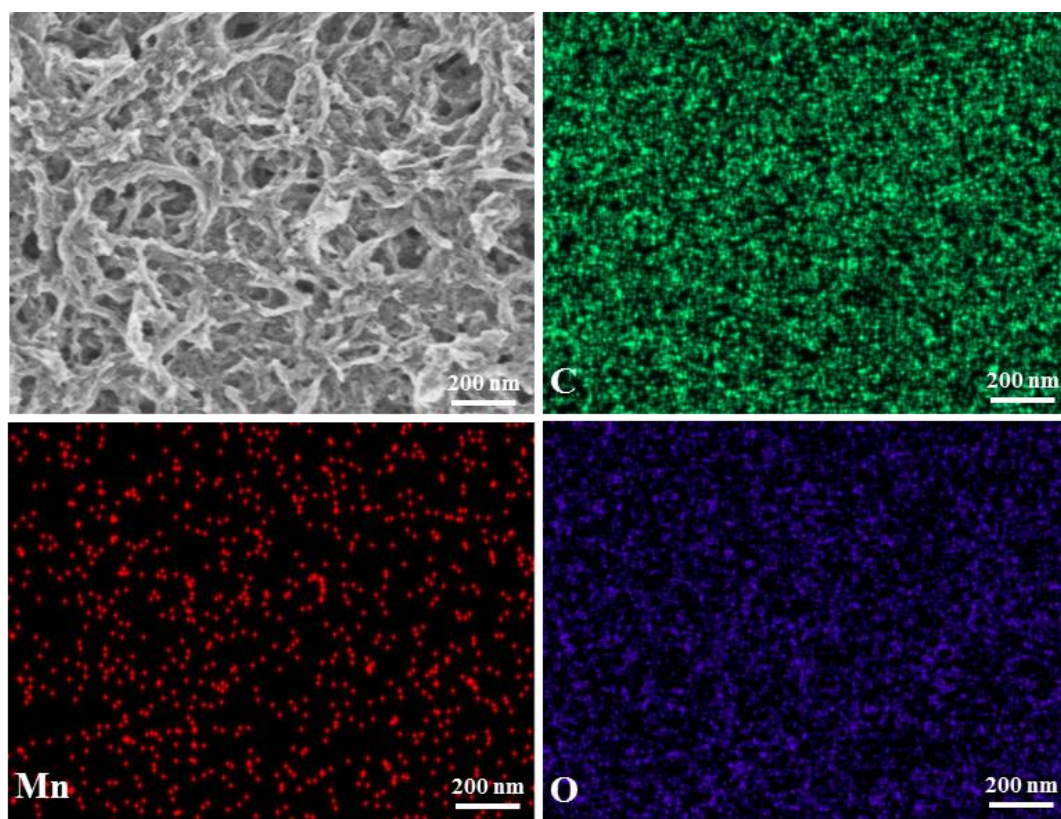


Figure S2. SEM image of GNR-MnO₂ hybrid and its corresponding EDS mapping for C (green), Mn (red) and O (purple) elements.

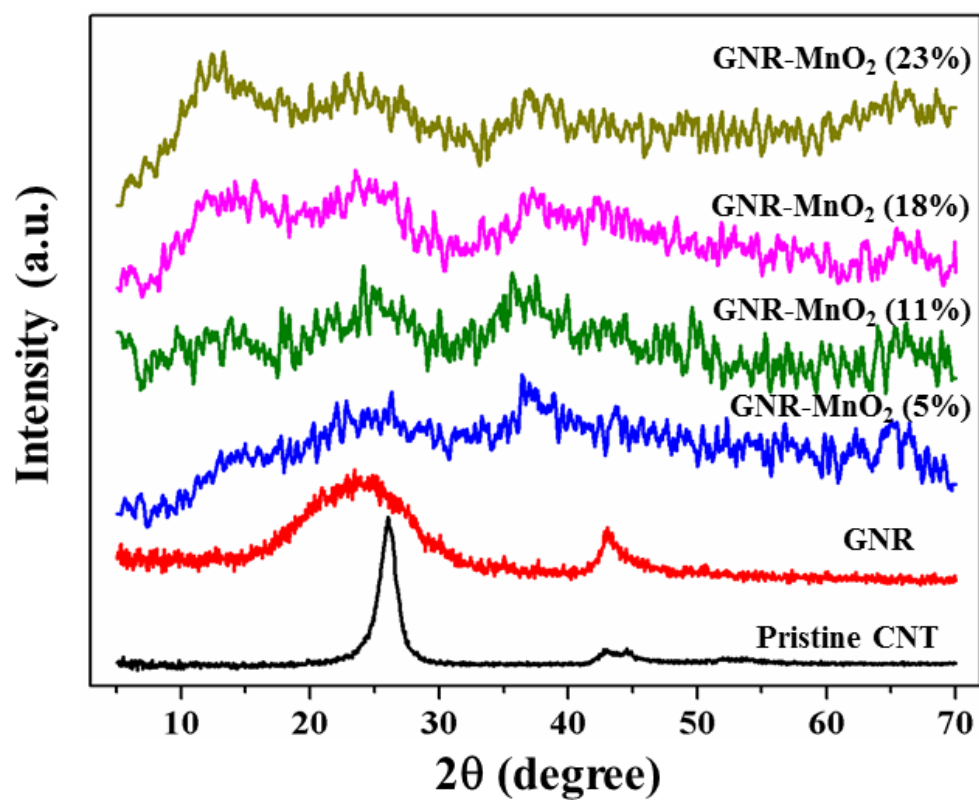


Figure S3. XRD patterns of pristine CNTs, the GNR sheets and GNR-MnO₂ hybrid with different mass loadings of MnO₂ nanoparticles.

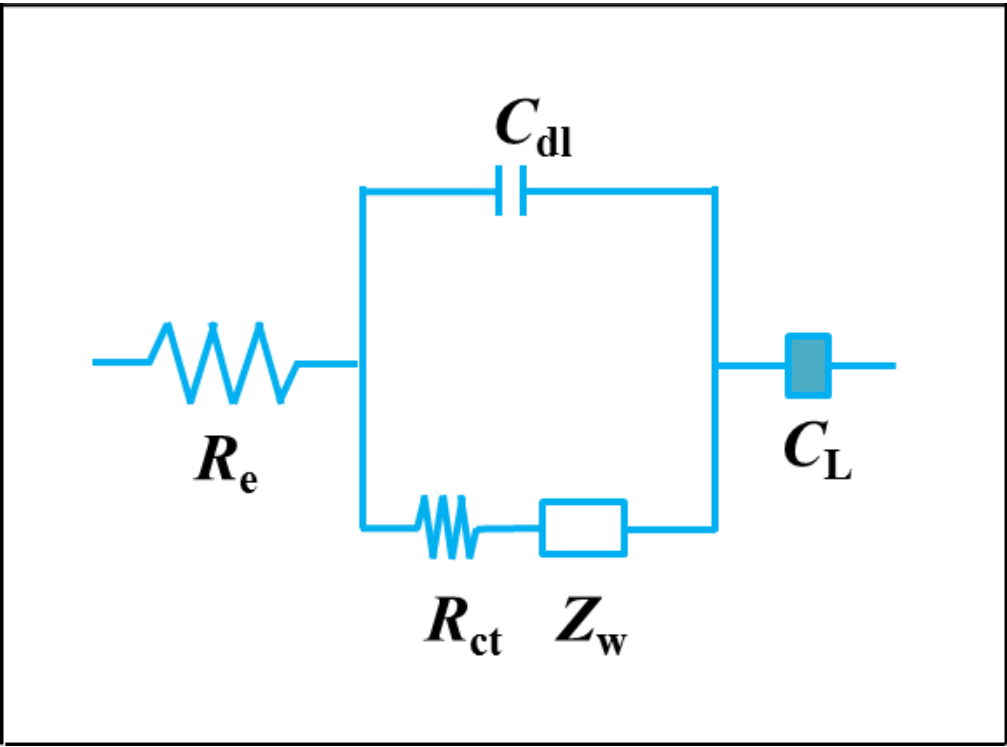


Figure S4. The electrical equivalent circuit used for fitting the impedance spectra.