Supporting Information for

TiO_2 nanotubes grown on graphene sheets as advanced anode materials for high rate lithium ion batteries

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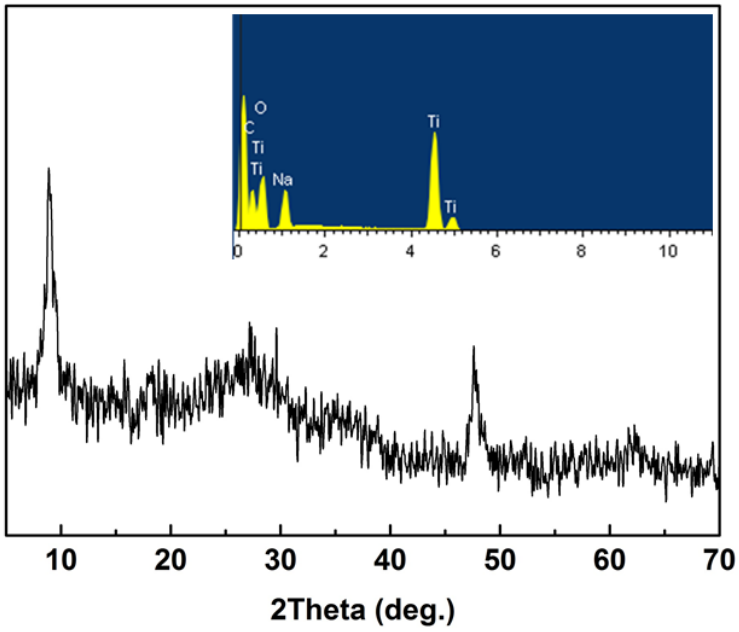

Figure S1. XRD pattern and EDS of graphene oxide sheets supported titanate nanotubes

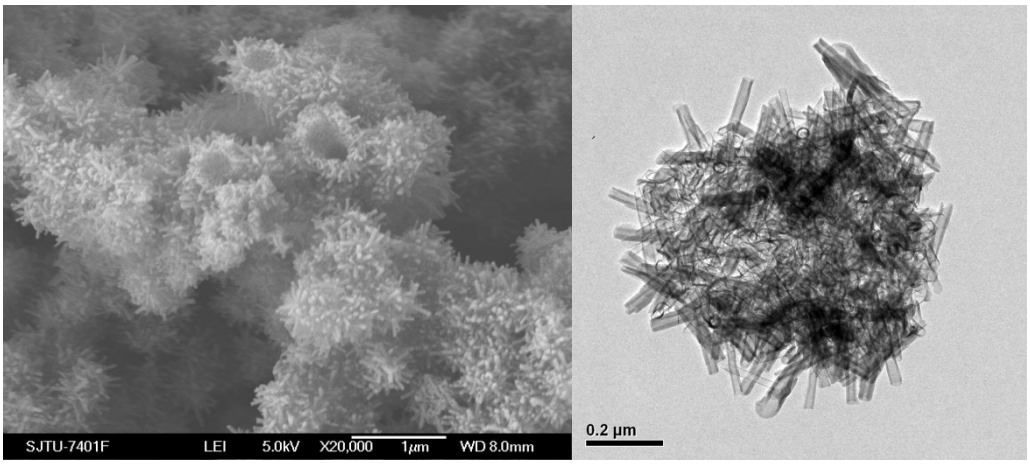

Figure S2. Aggregation of TiO_2 nanotubes without graphene

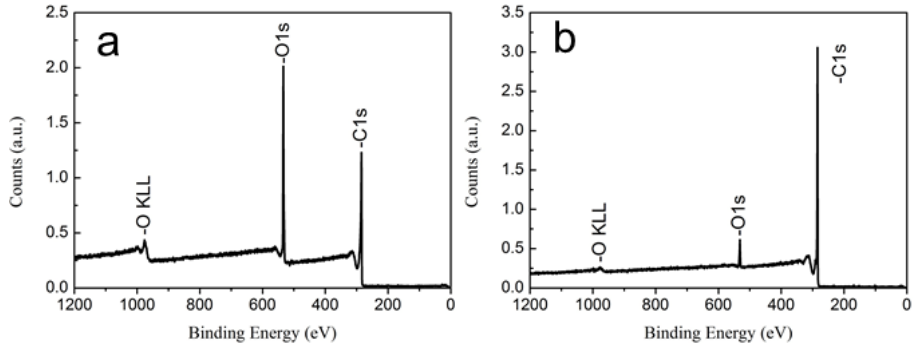

Figure S3. XPS Survey scan of (a) GO and (b) reduced GO after heat-treatment at 400 °C in H_2/Ar.

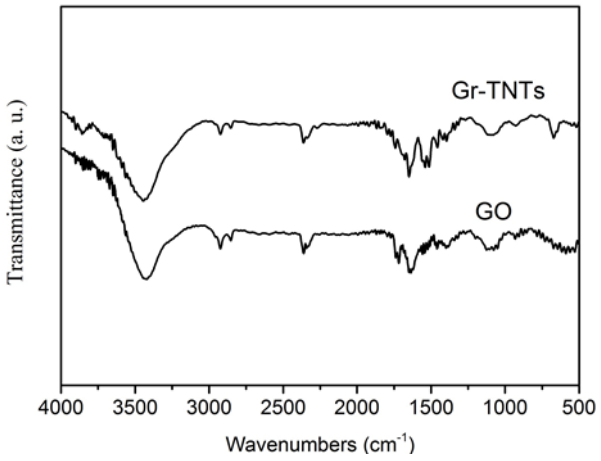

Figure S4. FT-IR spectra of GO and Gr-TNTs samples.

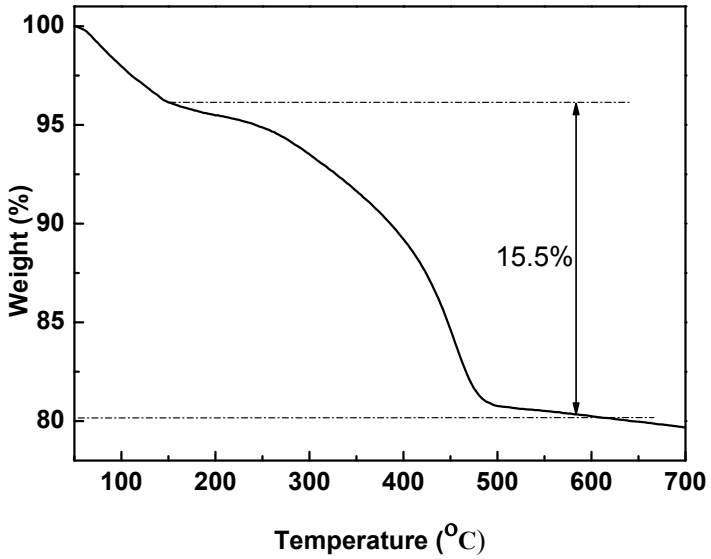

Figure S5. Thermogravimetric analysis of Gr-TNTs nanocomposites. The weight loss of ~4.5% below 100 °C should be due to the evaporation of the absorbed moisture contents, which is common for materials with large surface area.