

Supporting Information

Designed synthesis of graphene/TiO₂/SnO₂ ternary nanocomposites as lithium-ion anode materials

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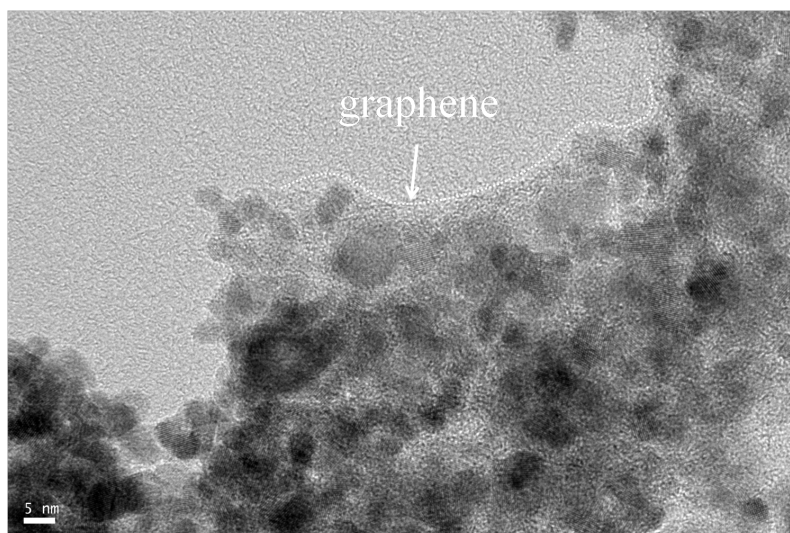


Fig. S1 High-magnification TEM image of GTS.

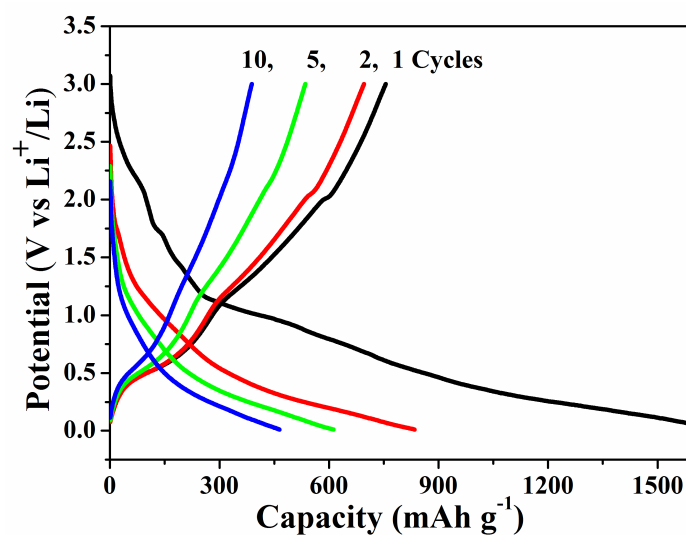


Fig. S2 Charge/discharge profiles of GT in the 1st, 2nd, 5th and 10th cycles at a constant current density of 50 mA g⁻¹ in a voltage window of 0.01-3.00 V.

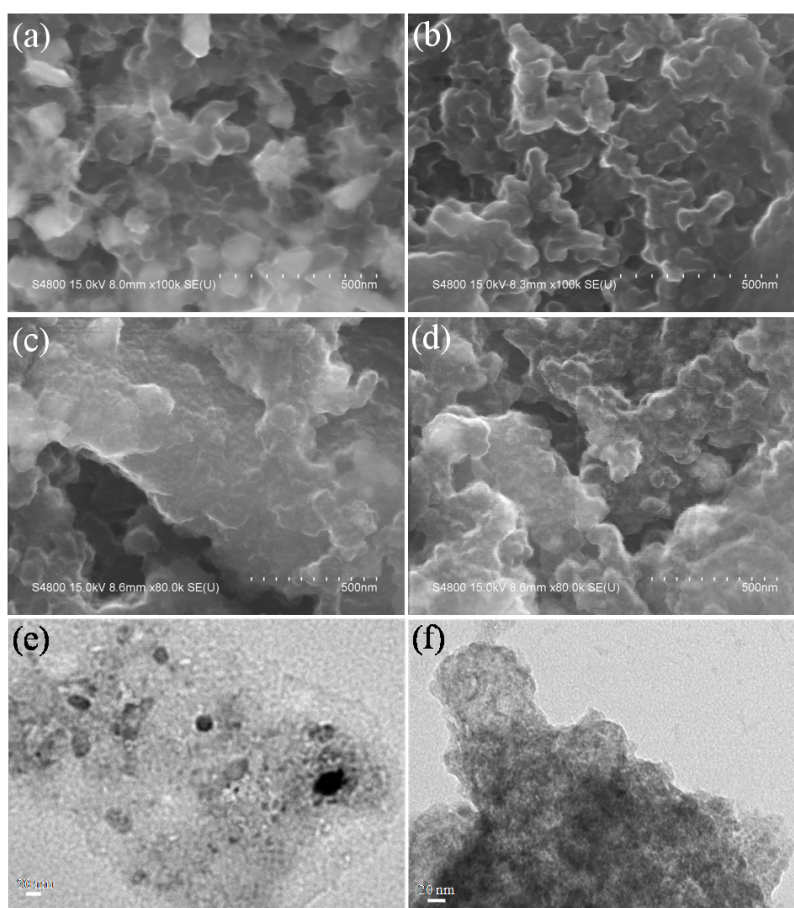


Fig. S3 SEM images of GS after (a) the 1st and (c) 50th cycle. SEM images of GTS after (b) the 1st and (d) 50th cycle. TEM images of (e) GS and (f) GTS after the 50th cycle.

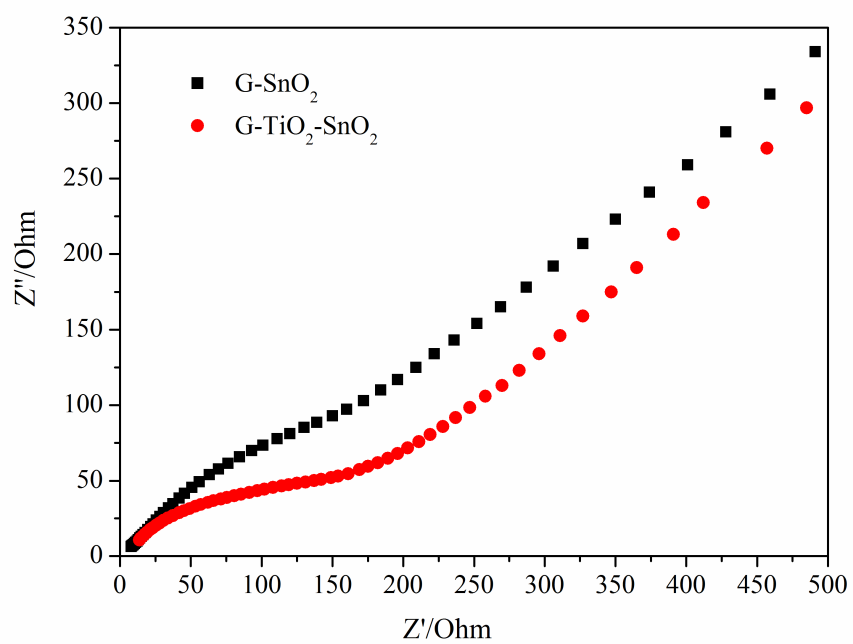


Fig. S4 Nyquist plots of GS and GTS electrodes after 15 cycles.