

Electronic Supplementary Information (ESI)

Percolation threshold of graphene nanosheets as conductive additive in $\text{Li}_4\text{Ti}_5\text{O}_{12}$ anodes of Li-ion batteries

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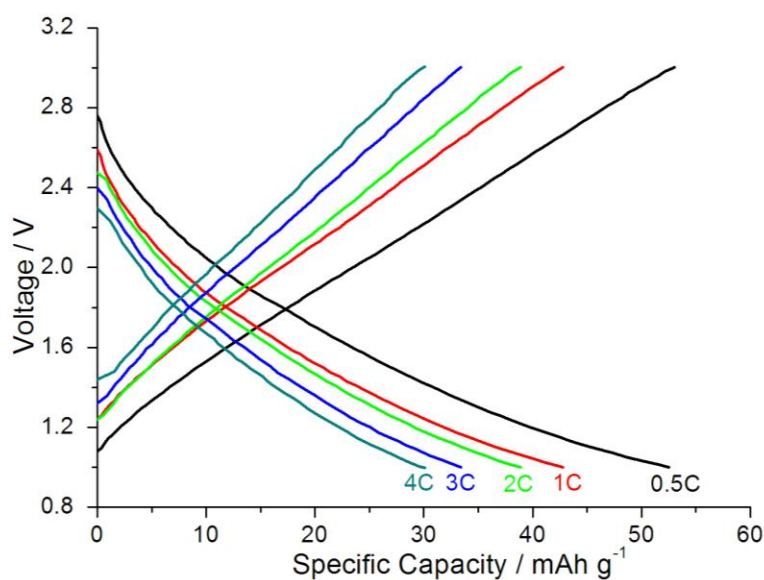


Fig. S1 Charge/discharge curves of graphene nanosheets obtained at different current rates. ($1\text{C} = 175 \text{ mA g}^{-1}$)

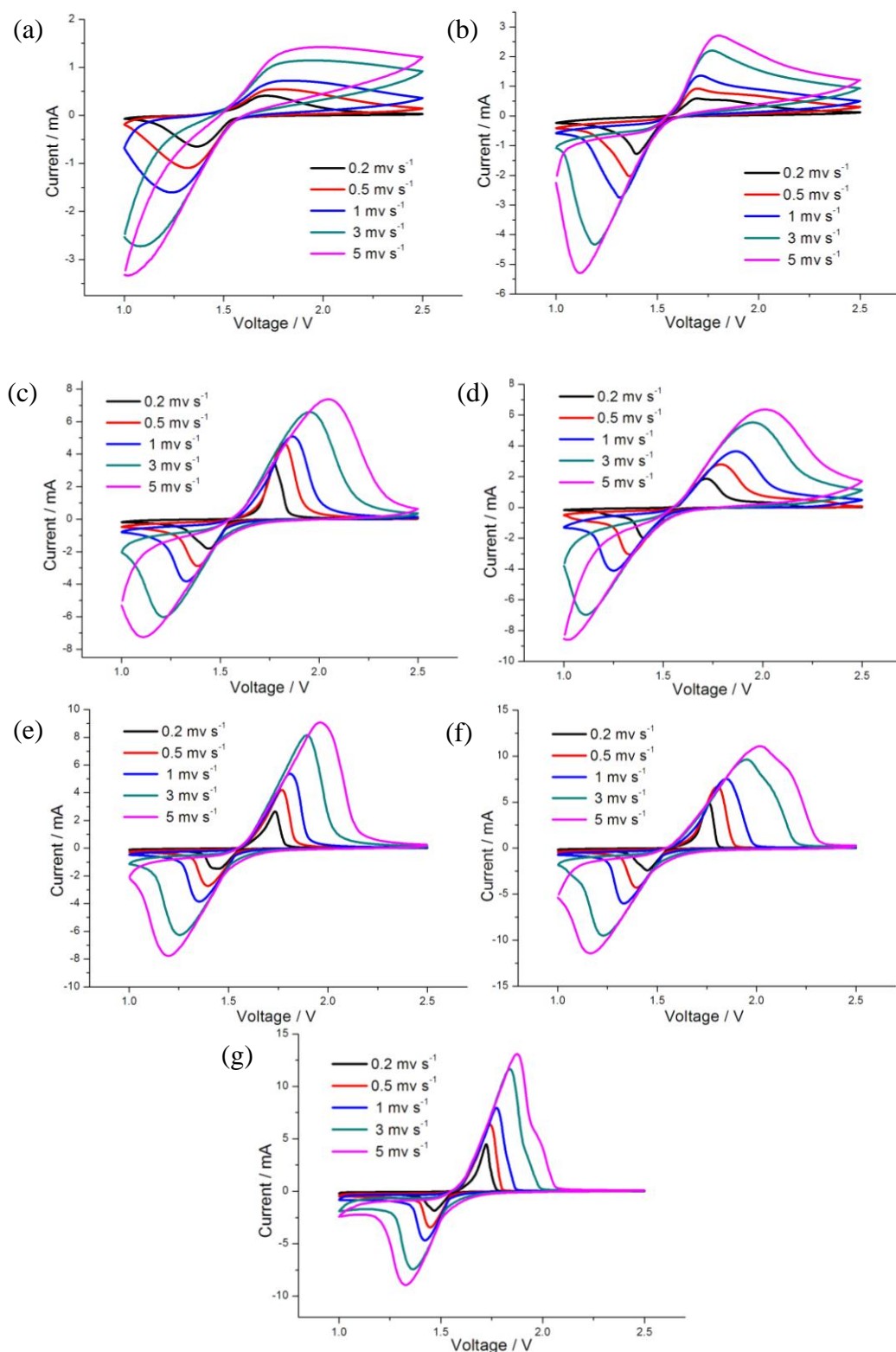


Fig. S2 CV curves at different scan rates of electrodes containing GNSs: (a) 0 wt.%; (b) 1 wt.%; (c) 2 wt.%; (d) 3.5 wt.%; (e) 5 wt.%; and (f) 10 wt.%; and (g) electrode containing 15 wt.% CB.

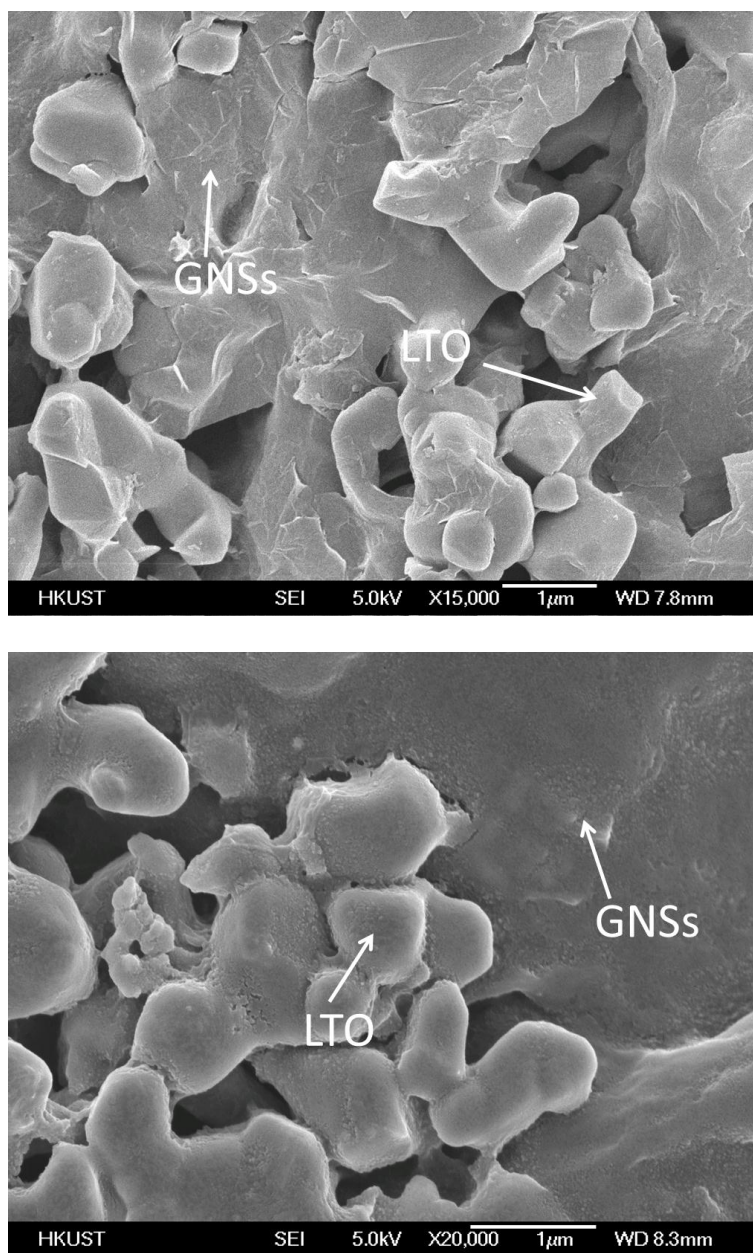


Fig. S3 High magnification SEM images showing LTO/5wt.% GNS electrode (a) before and (b) after 50 cycles.