Electronic Supplementary Information (ESI) for

Porous SnO_2-Fe_2O_3 nanocubes with improved electrochemical performance for lithium ion batteries

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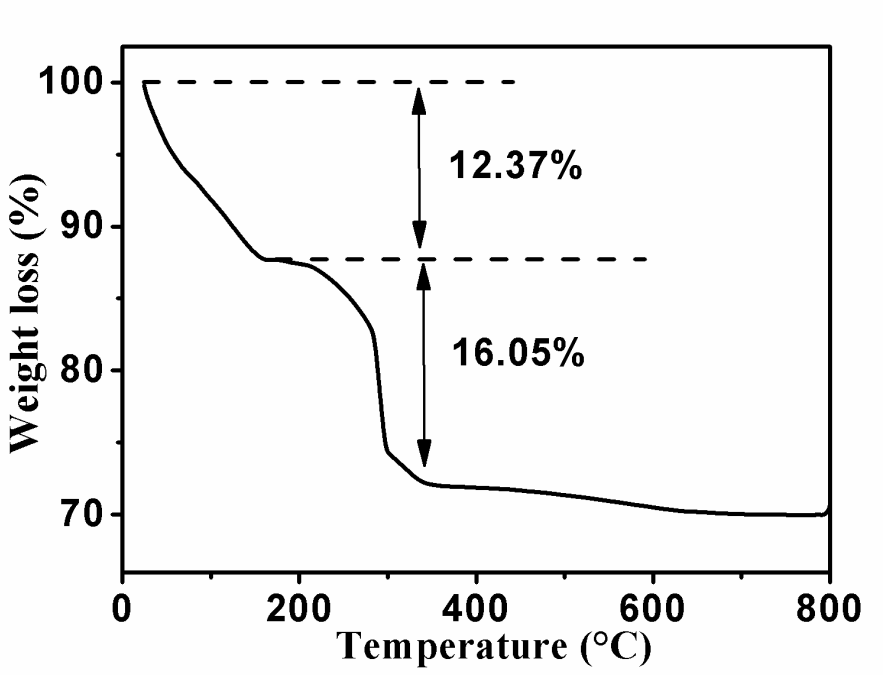

Fig. S1 TG profile of nanocubic $Sn_3[Fe(CN)_6]_4$ precursor.

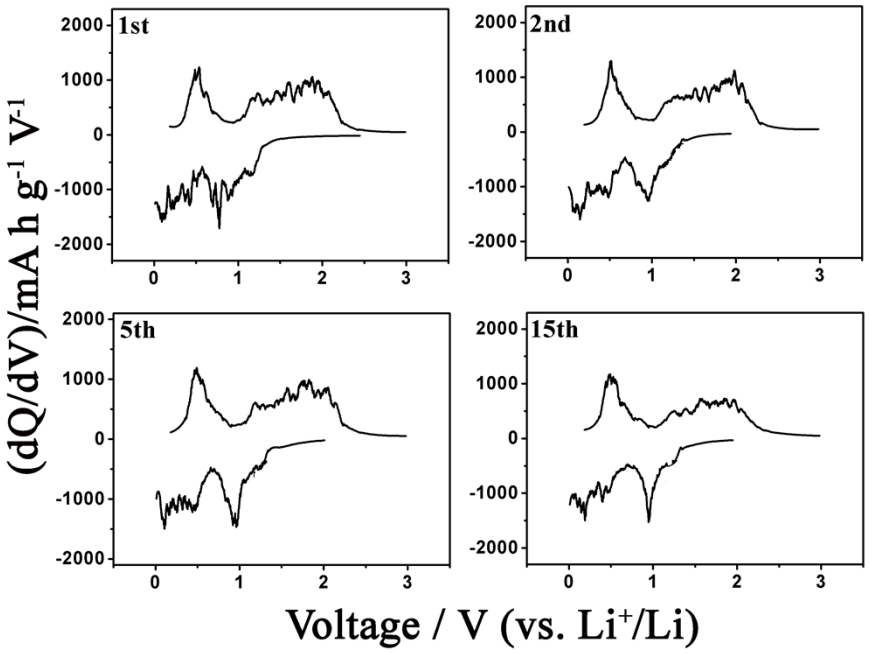

Fig. S2 The differential capacity *vs* voltage of SnO_2-Fe_2O_3 cell cycled at 200 mA g^{-1}.

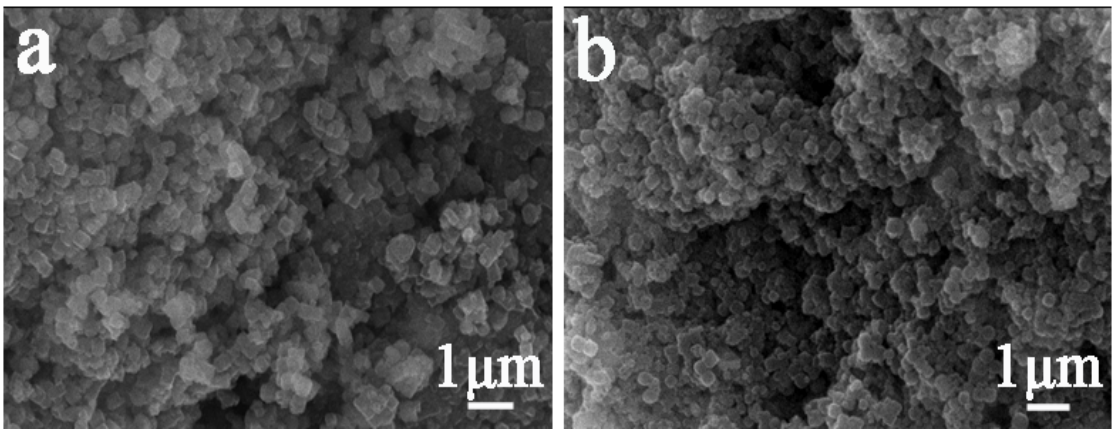

Fig. S3 SEM images of the precursor $Sn_3[Fe(CN)_6]_4$ obtained under different solvothermal temperatures: (a) 120 °C and (b) 180 °C.

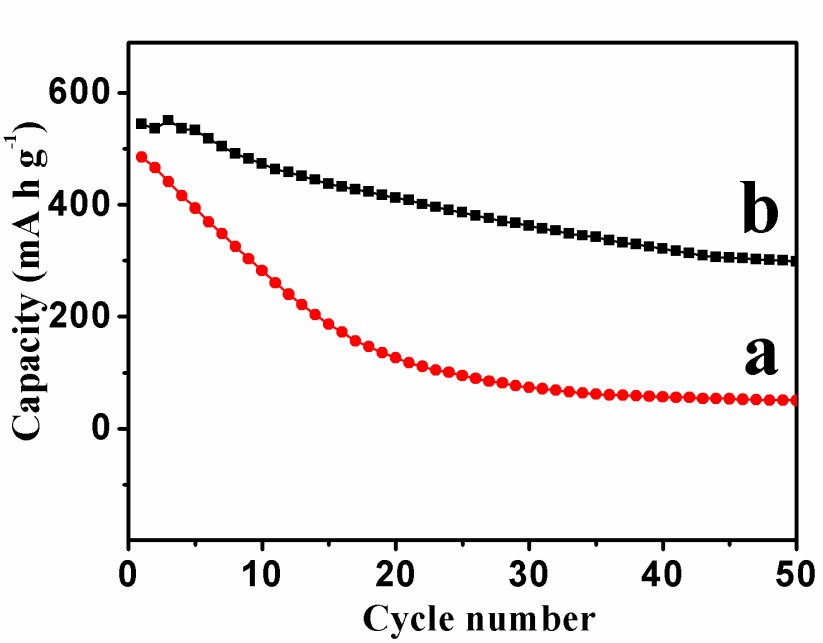

Fig. S4 Cycling performance of SnO_2-Fe_2O_3 samples with Sn/Fe mole ratios of 7.26 (a) and 1.53 (b) at the current density of 2000 mA g^{-1}.