

Supporting information

Enveloping Si/N-doped carbon composite in CNTs reinforced fibrous network as flexible anodes for high performance lithium ion batteries

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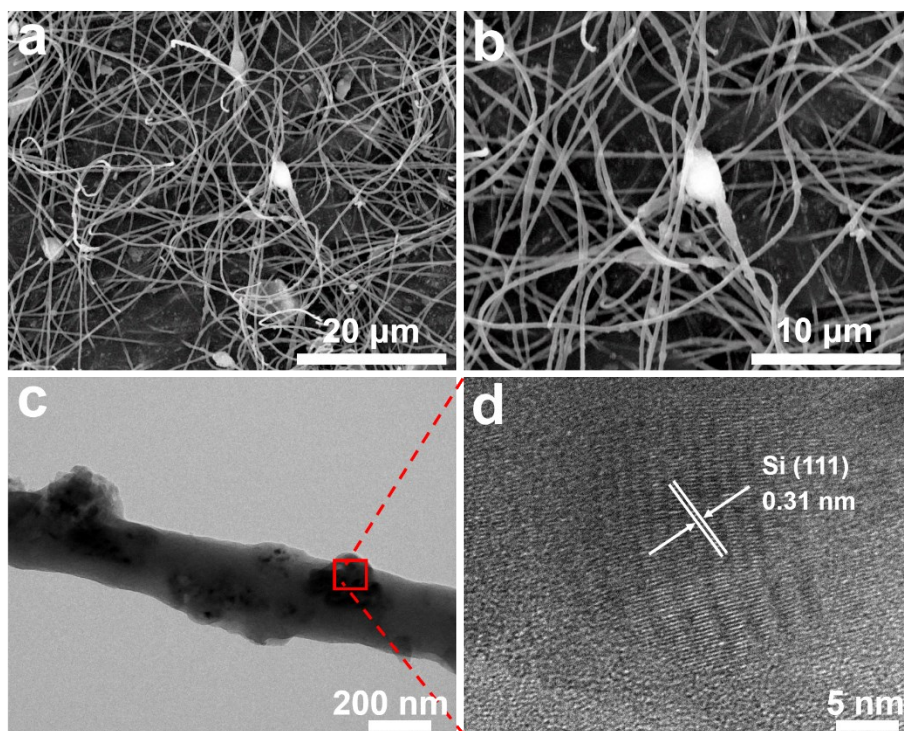


Figure S1. SEM and TEM images of the C/Si.

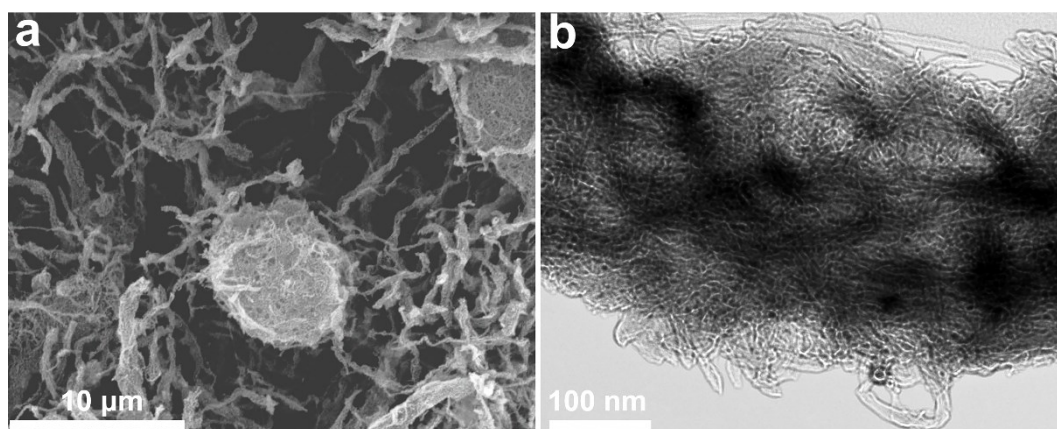


Figure S2. SEM and TEM images of the C/CNTs.

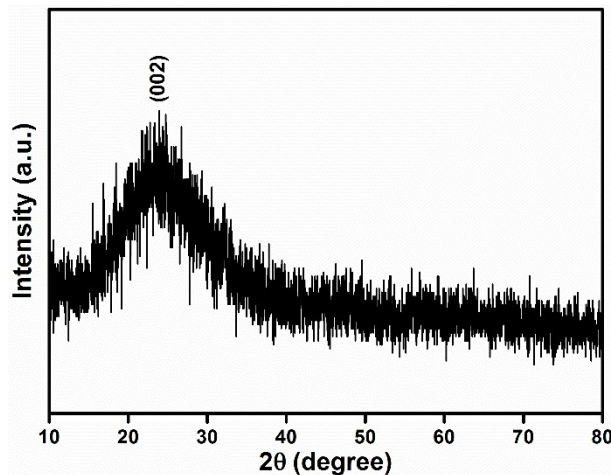


Figure S3. The XRD patterns of the C/CNTs.

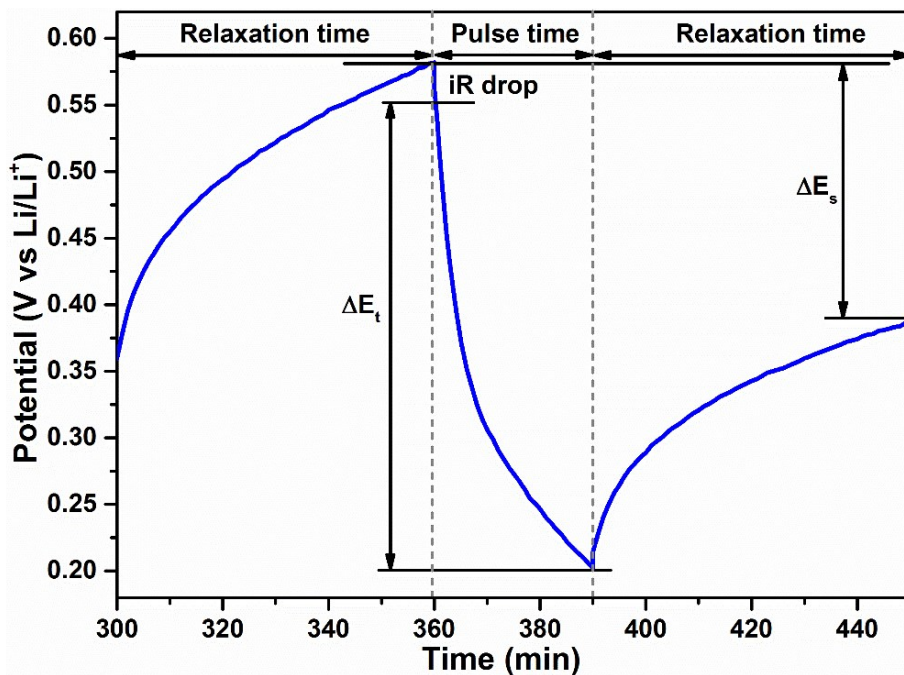


Figure S4. The E vs. t profile of the C/Si/CNTs electrode for a single GITT during discharge process, which is composed of 30 min galvanostatic charge (pulse) at 100 mA g⁻¹ followed by 60 min relaxation time. The iR drop is shown along with the ΔE_s and ΔE_t .

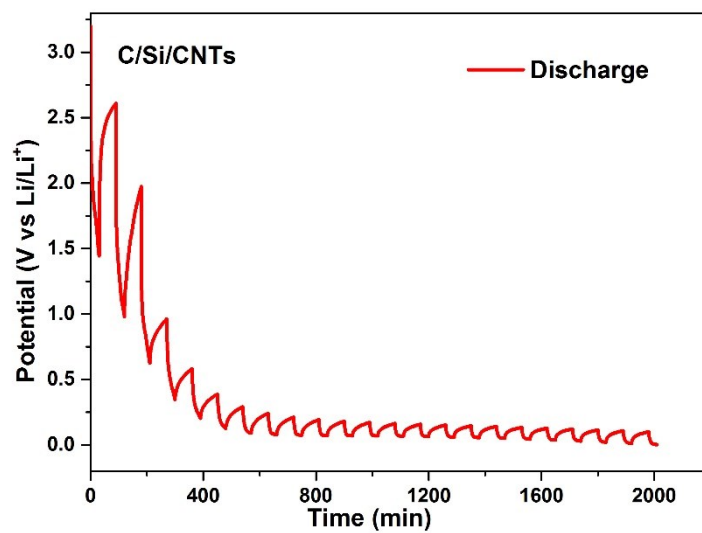


Figure S5. The corresponding discharge curves of the C/Si/CNTs for GITT test.