

Supporting information

Graphene Encapsulated and SiC Reinforced Silicon Nanowires as an Anode Material for Lithium Ion Batteries

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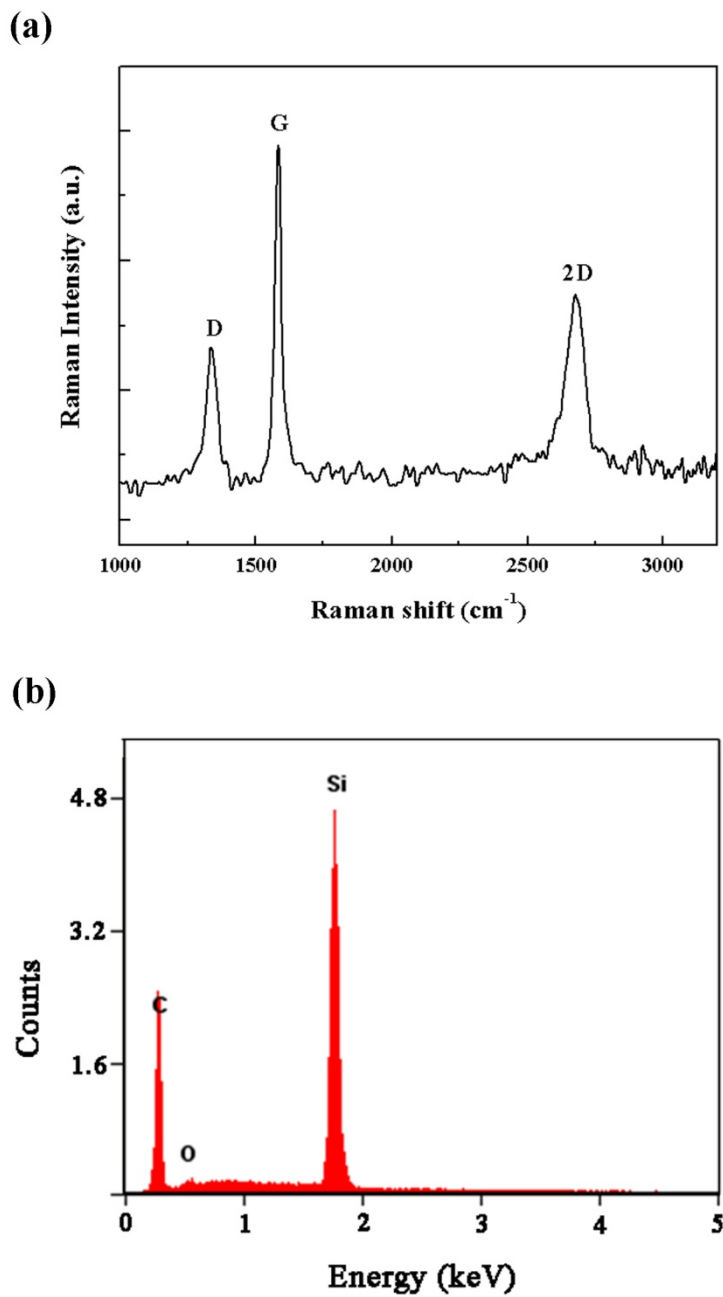


Figure S1. (a) Raman spectroscopy and (b) energy dispersive spectroscopy of the as-prepared carbon-coated Si NWs array.

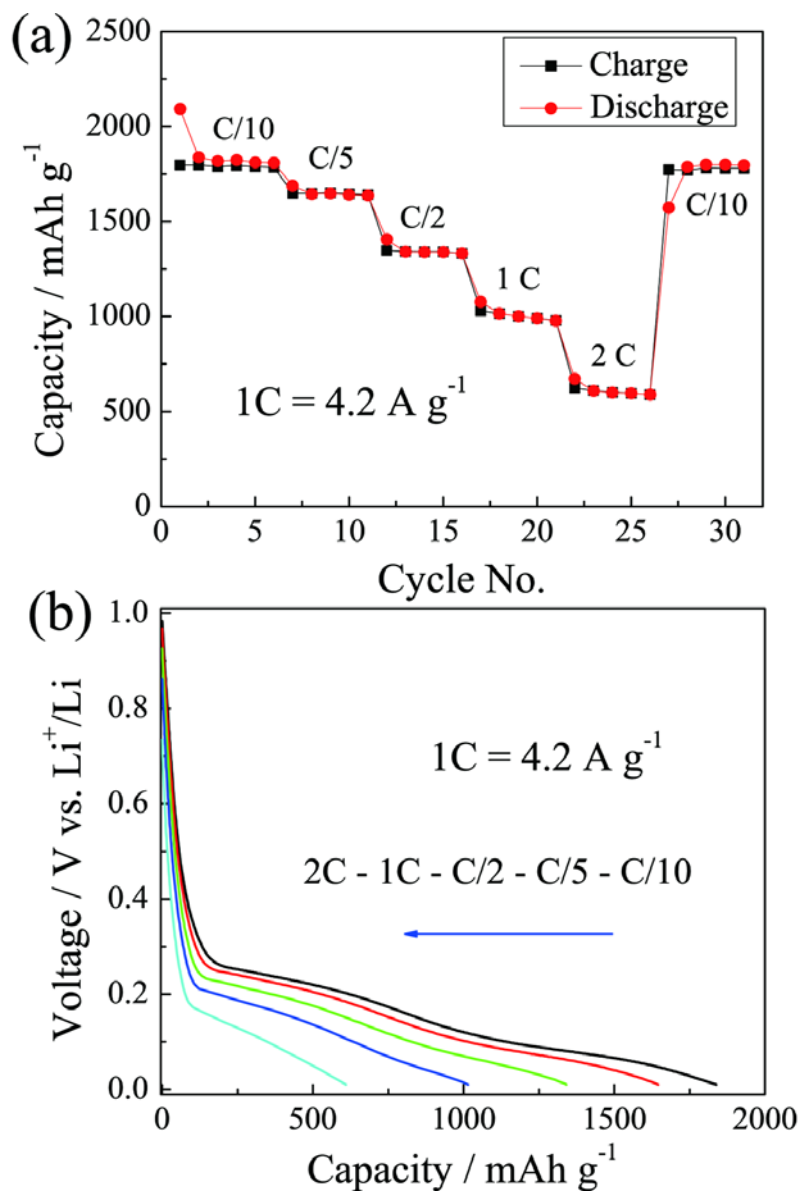


Figure S2. (a) Rate capability of Gr/SiC/Si NWs electrode and (b) voltage profiles under different current rates