

Supplementary information

Reduced graphene oxide induced confined growth of PbTe crystals and enhanced electrochemical Li-storage properties

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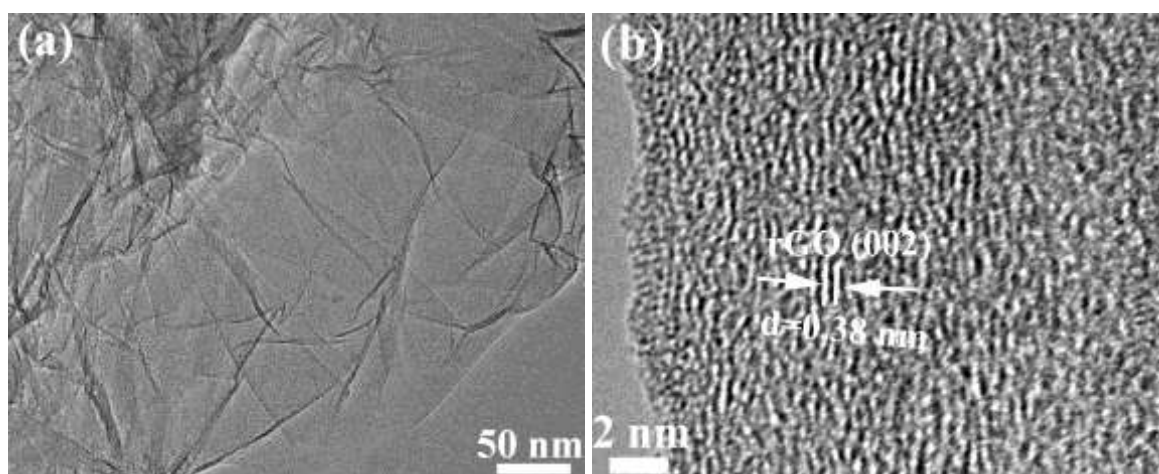


Fig. S1 (a) TEM and (b) HRTEM images of bare rGO.

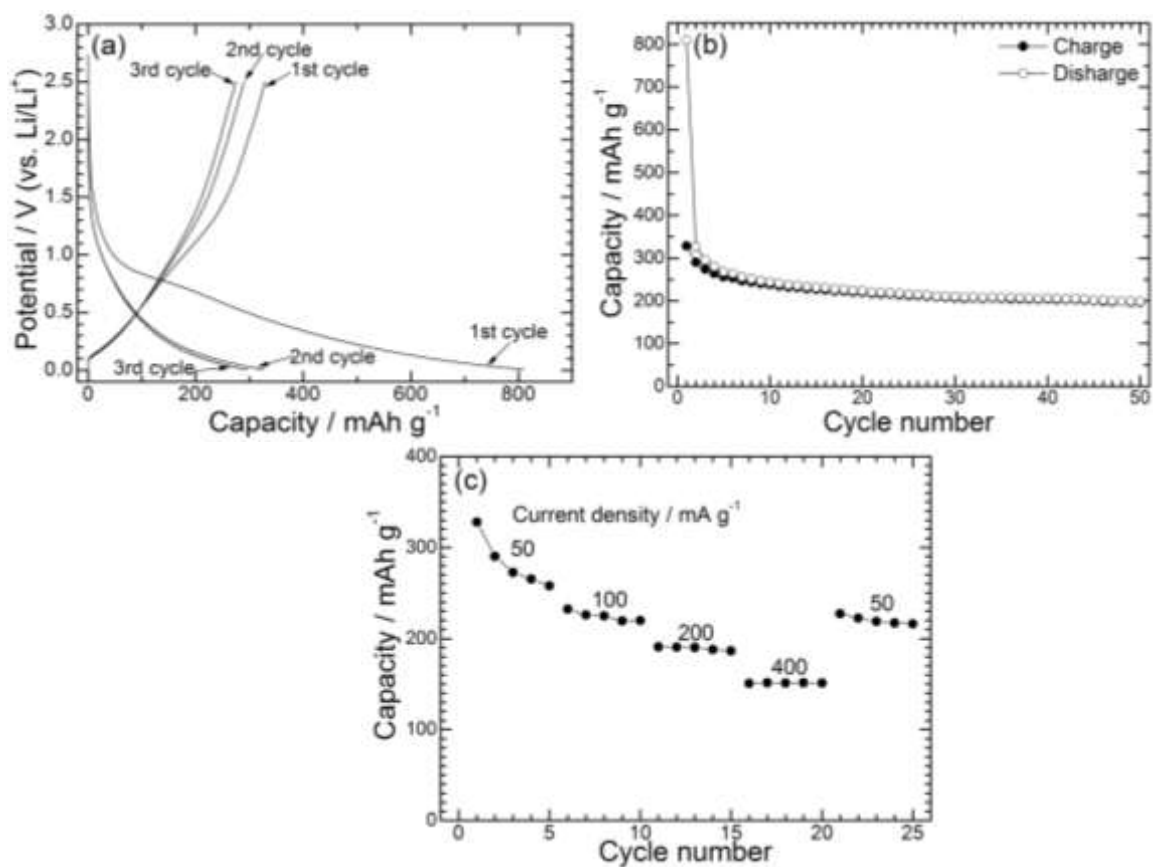


Fig. S2 Electrochemical performance of bare rGO: (a) voltage profiles and (b) cycling stability charged-discharged at 50 mA g⁻¹, and (c) rate capability charged at various current densities and discharged at 50 mA g⁻¹.

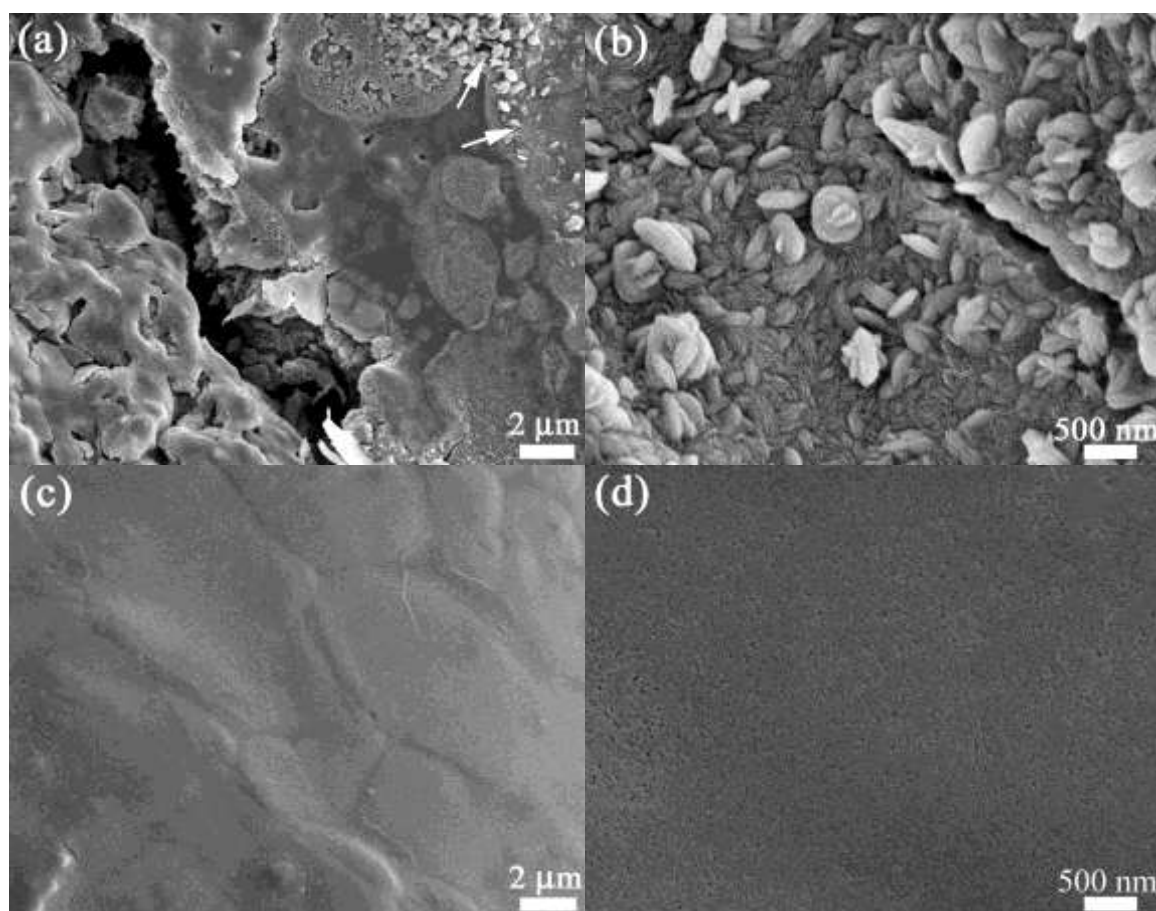


Fig. S3 (a) and (b) SEM images of bare PbTe electrode after 50 cycles, and (c) and (d) SEM images of PbTe/G4 electrode after 100 cycles.