

Growth of TiO_2 nanorod arrays on reduced graphene oxide with enhanced lithium-ion storage

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Supporting Information

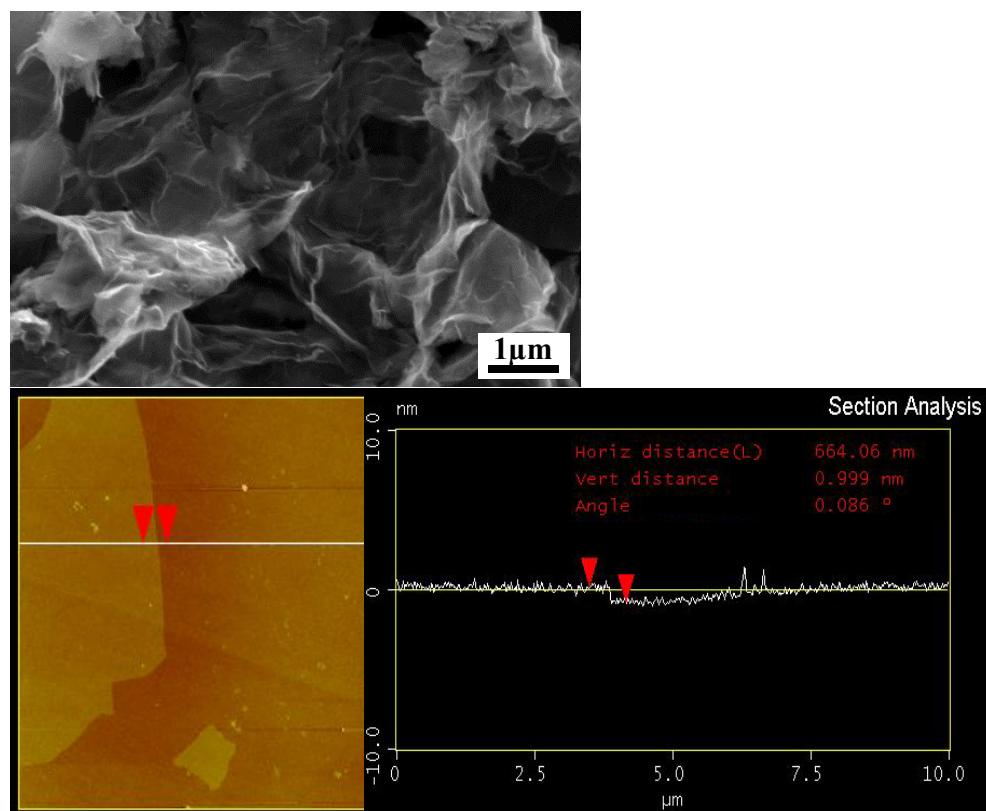


Fig. S1 SEM and AFM images of GO

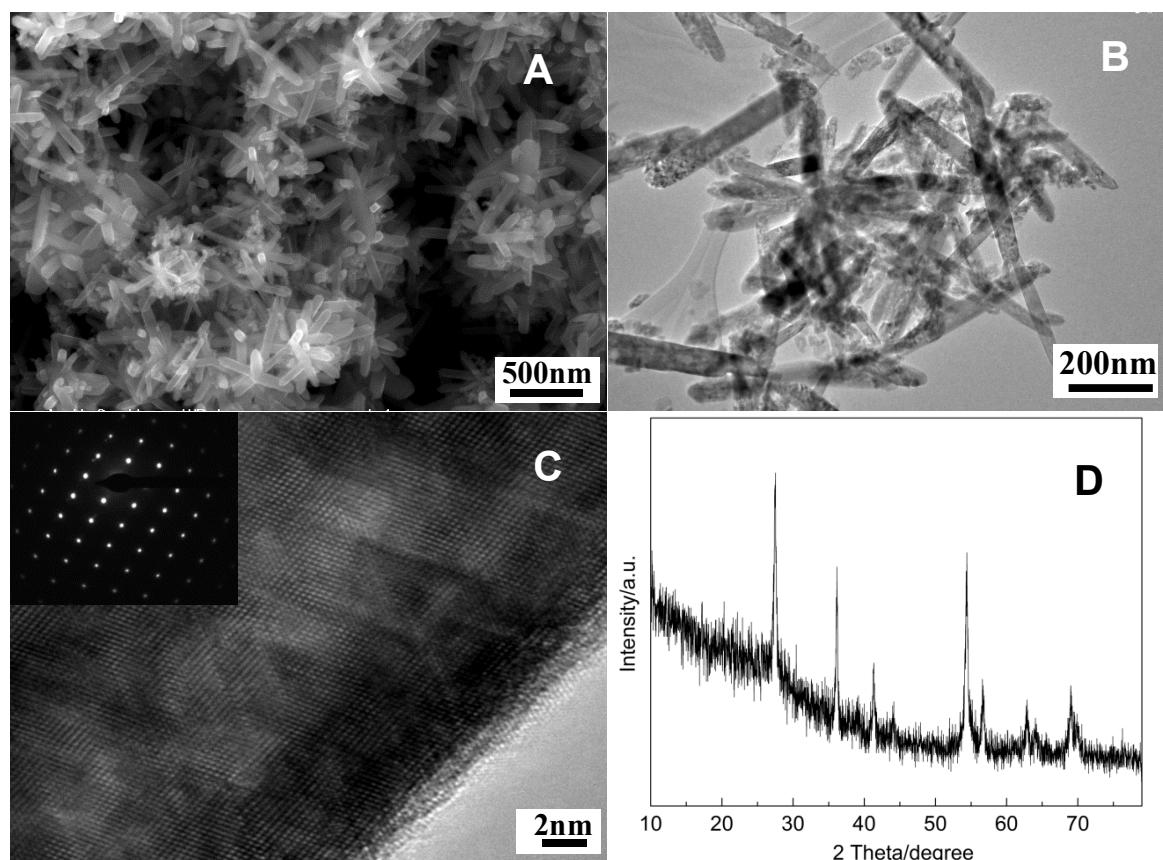


Fig. S2 (A) SEM image, (B) TEM image, (C) HRTEM image, and (D) XRD pattern of bare rutile TONRs. The inset (C) is SAED pattern.

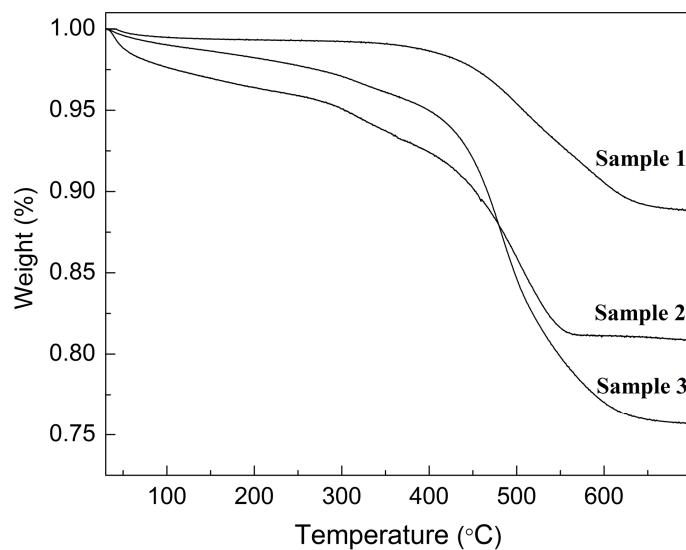


Fig. S3 TGA curves of the three TONRAs/RGO nanocomposites

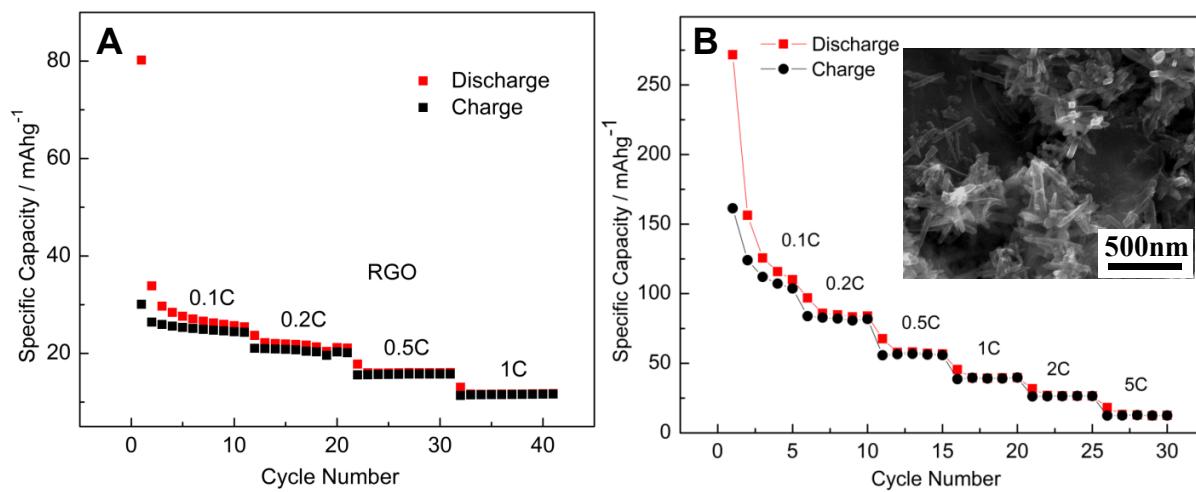


Fig. S4 Capacity of (A) RGO and (B) the mixture of RGO and TONRs (10:90, weight ratio) as function of cycling numbers between a test voltage window of 1-3 V vs. Li/Li⁺. The inset in (B) is the SEM image of the mixture