

Supporting Information

Sn nanocrystals embedded in porous TiO₂/C with improved capacity for sodium-ion batteries

Dedicated to the 100th anniversary of Nankai University

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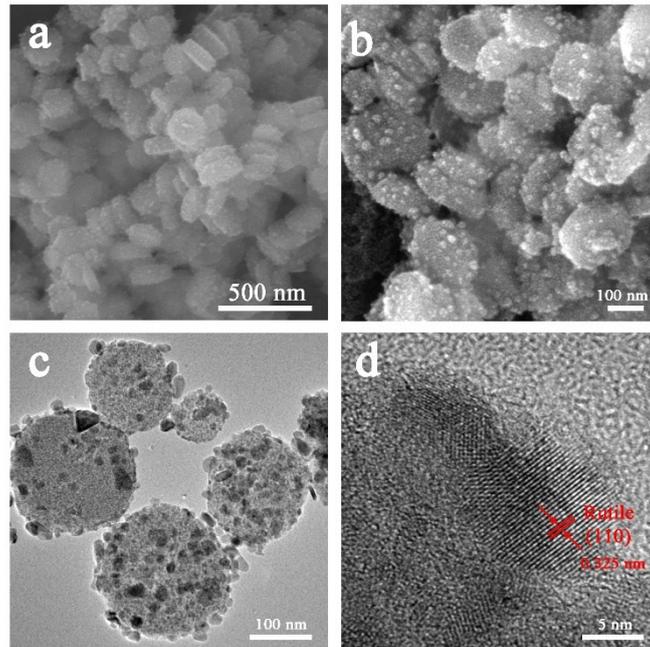


Figure S1. Morphologies of the TiO_2/C composite: a, b) FESEM images, c) TEM image and d) HRTEM image showing lattice fringe of rutile TiO_2 (as indicated by the red arrows).

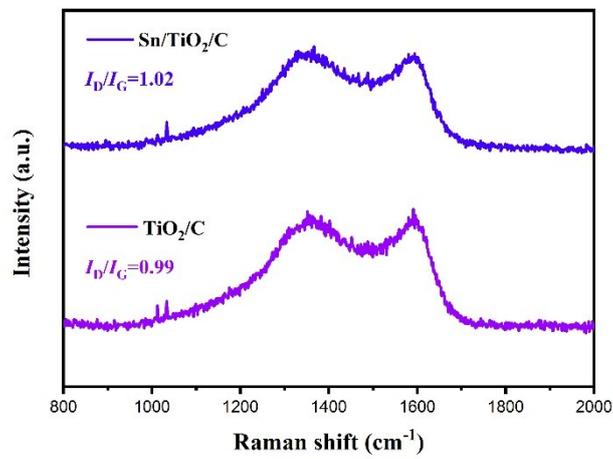


Figure S2. Raman spectra of $\text{Sn}/\text{TiO}_2/\text{C}$ and TiO_2/C samples.

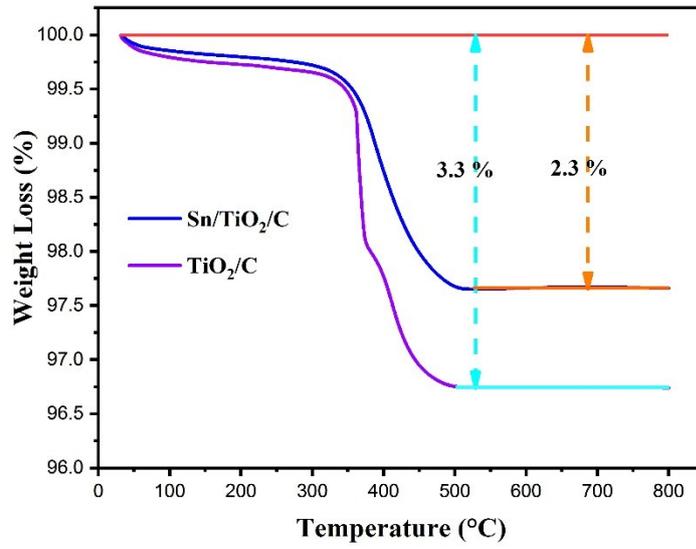


Figure S3. TG curves of Sn/TiO₂/C and TiO₂/C obtained from room temperature to 800 °C under air.

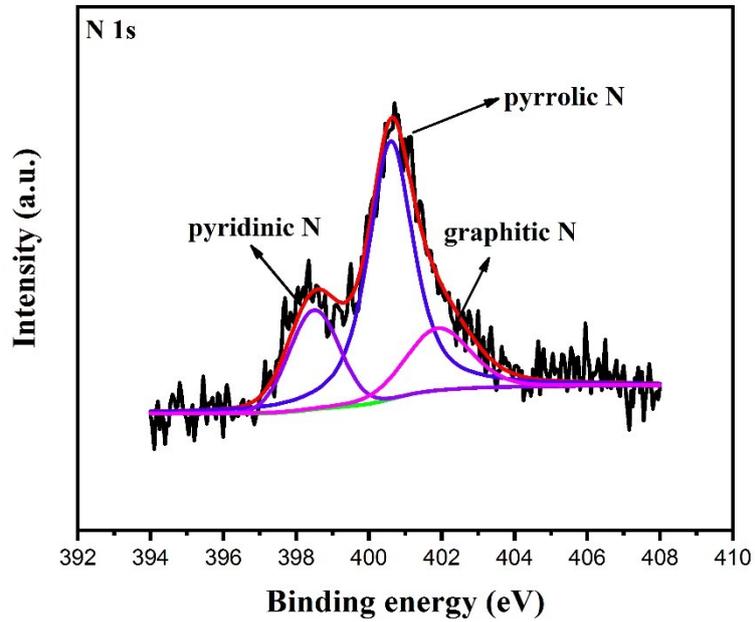


Figure S4. N 1s spectrum of Sn/TiO₂/C.

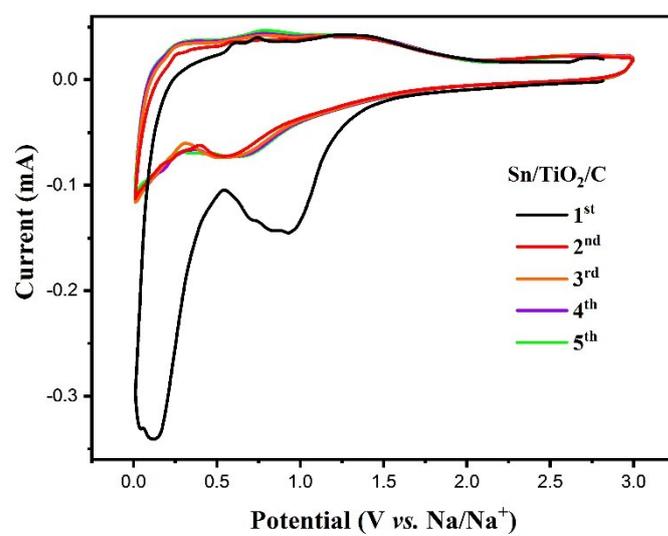


Figure S5. CV curves of Sn/TiO₂/C electrode with the potential range of 0.01-3.00 V at a scan rate of 0.1 mV s⁻¹.