

Supporting Information

Nanocomposites of SnO₂@ordered mesoporous carbon (OMC) as anode materials for lithium-ion batteries with improved electrochemical performance*

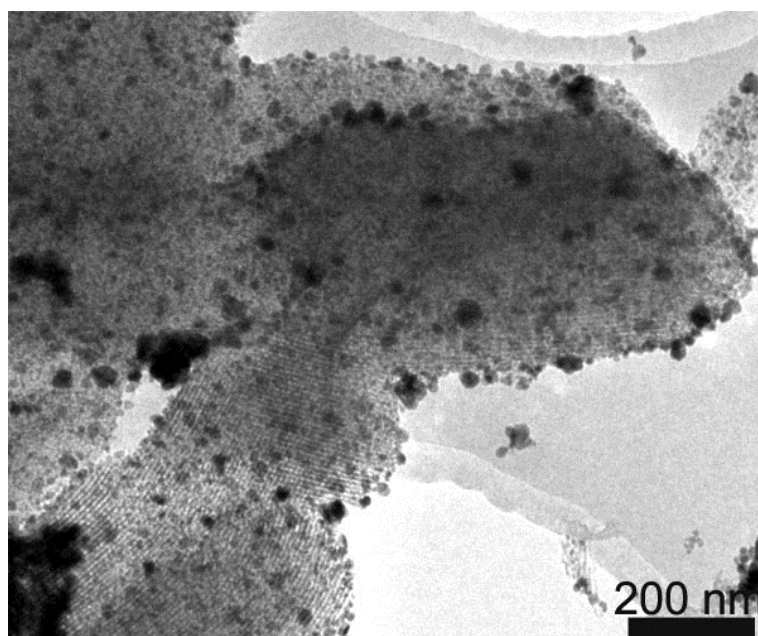


Fig. S1 Low magnification TEM image of the 20SnO₂@OMC nanocomposite samples.

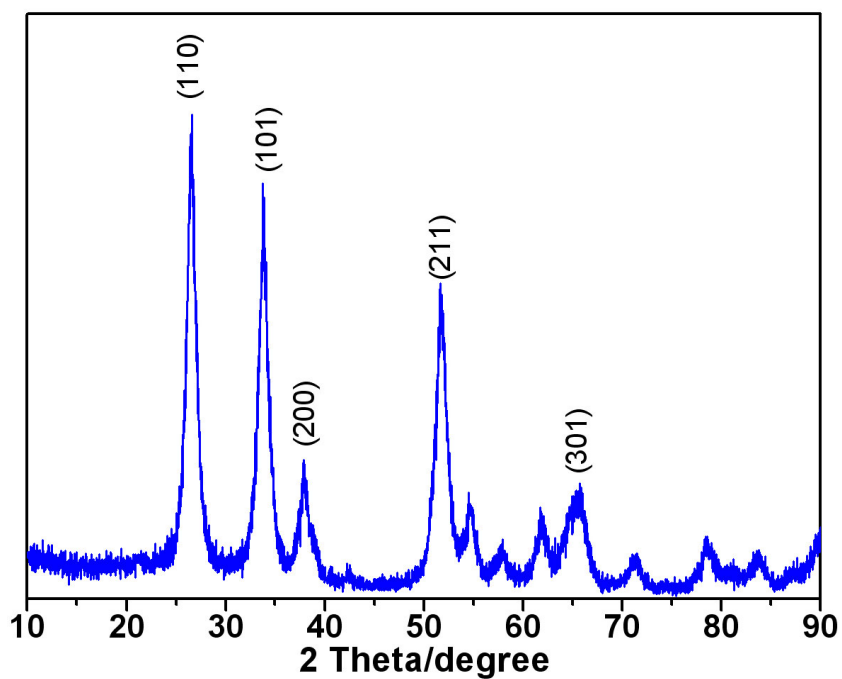


Fig. S2 Wide-angle XRD patterns of 25SnO₂@OMC samples.

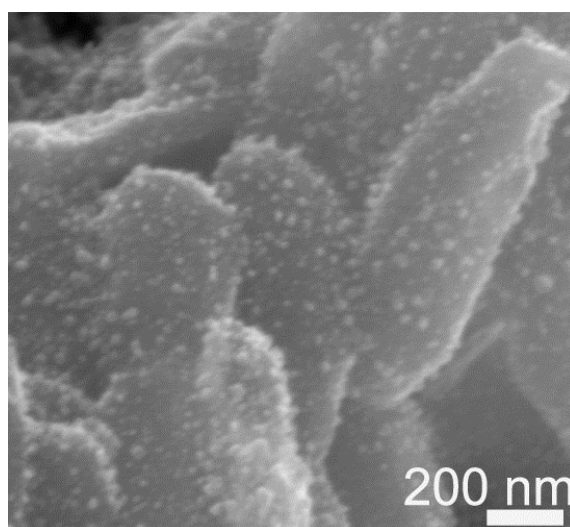


Fig. S3 SEM image of 25SnO₂@OMC samples.

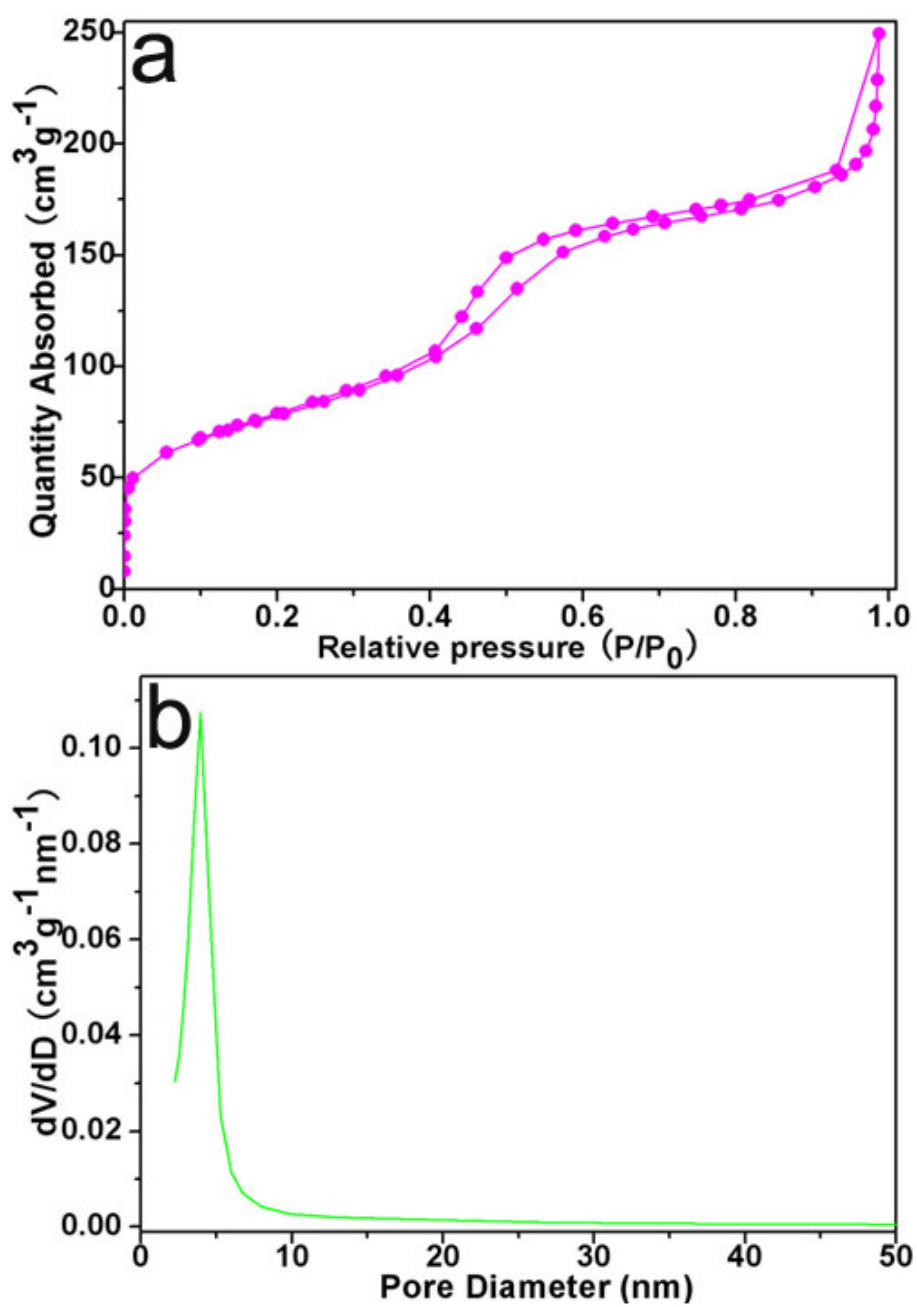


Fig. S4 (a) N_2 adsorption-desorption isotherms of $25\text{SnO}_2@OMC$ samples and (b) pore size distributions of $25\text{SnO}_2@OMC$ samples.

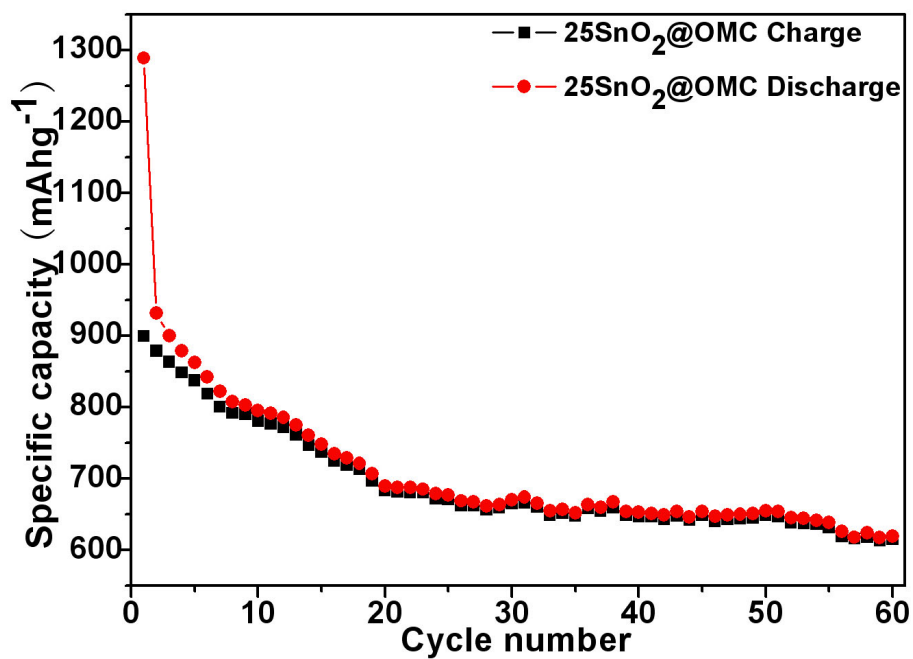


Fig. S5 Capacity vs. cycle number curves of the 25SnO₂@OMC electrodes.

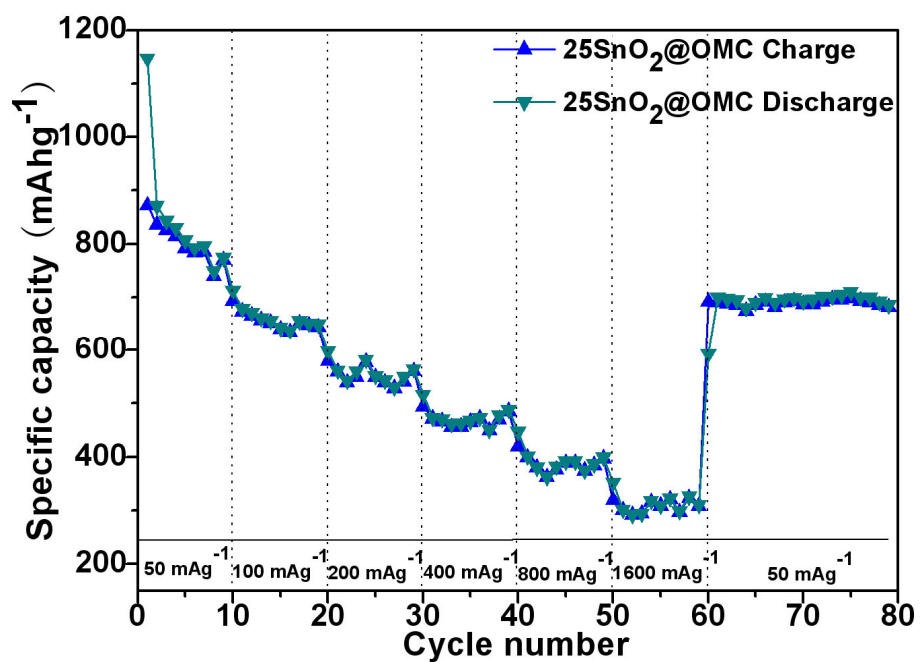


Fig. S6 Rate capacity for the 25SnO₂@OMC.