

Phase-separation induced hollow/porous carbon nanofibers containing in-situ generated ultrafine SnO_x as anode materials for lithium-ion batteries

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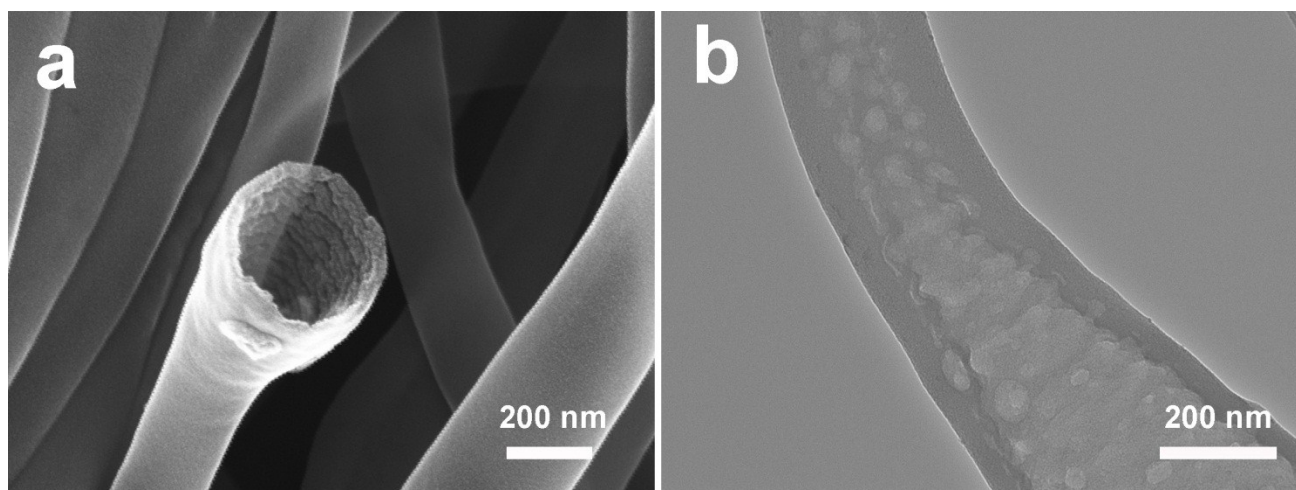


Fig. S1 (a) SEM and (b) TEM images of SnO_x/SiO₂/CNFs.

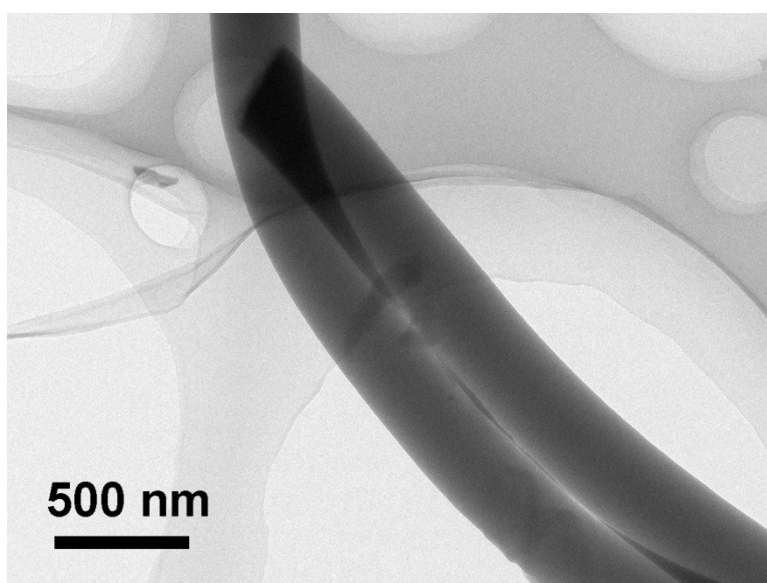


Fig. S2 TEM image of SnO_x/CNFs.

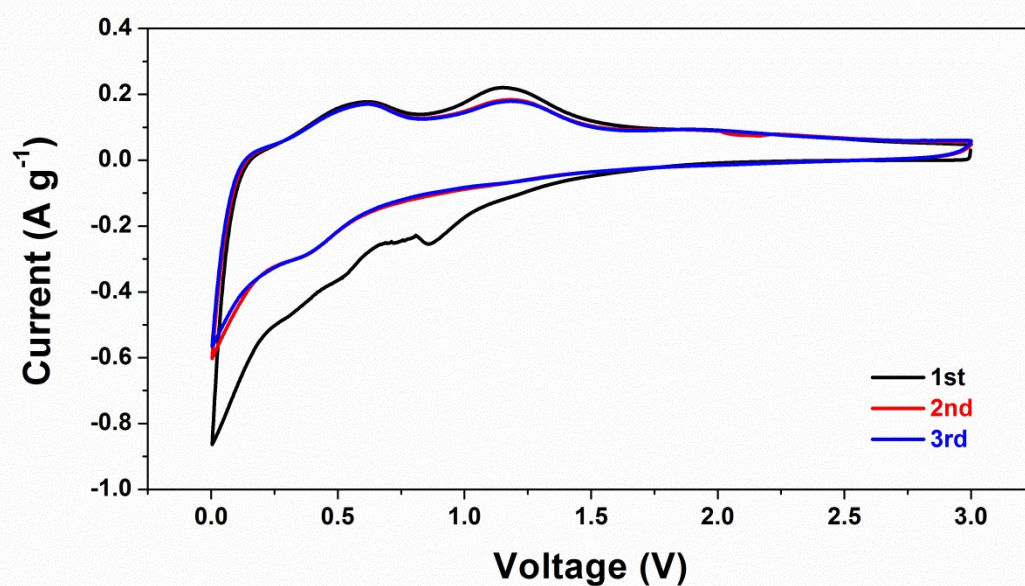


Fig. S3 CV curves of the first three cycles of the $\text{SnO}_x/\text{H-CNFs}$ electrode.

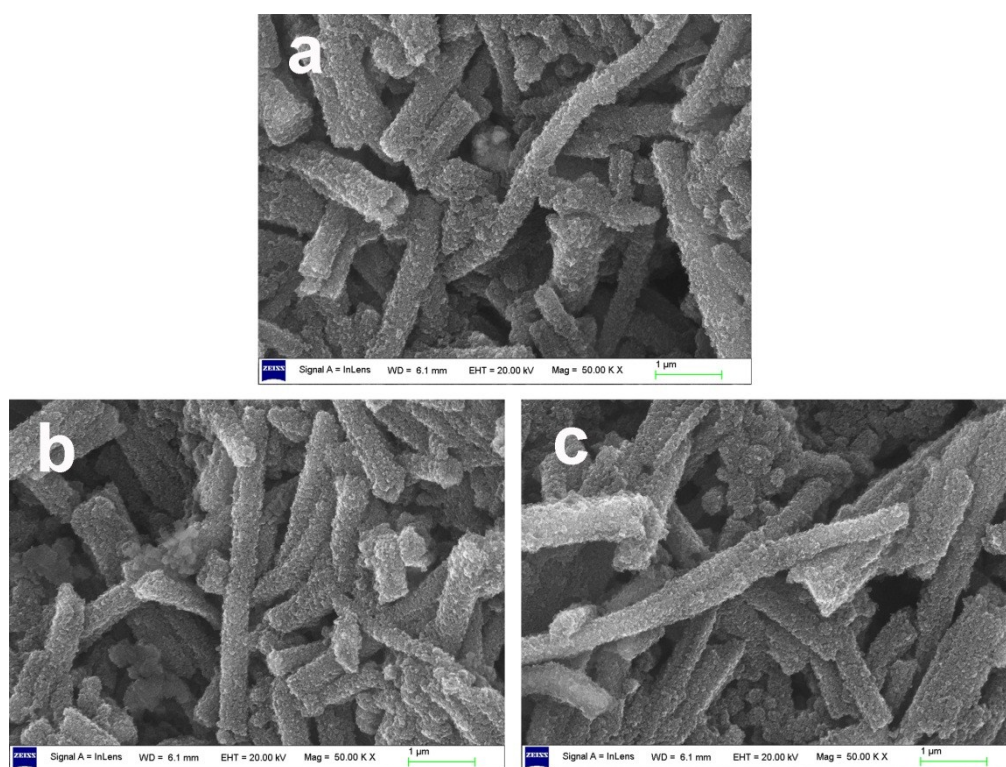


Fig. S4 SEM images of the (a) SnO_x/CNFs , (b) $\text{SnO}_x/\text{W-CNFs}$ and (c) $\text{SnO}_x/\text{H-CNFs}$ electrodes after 100 cycles.

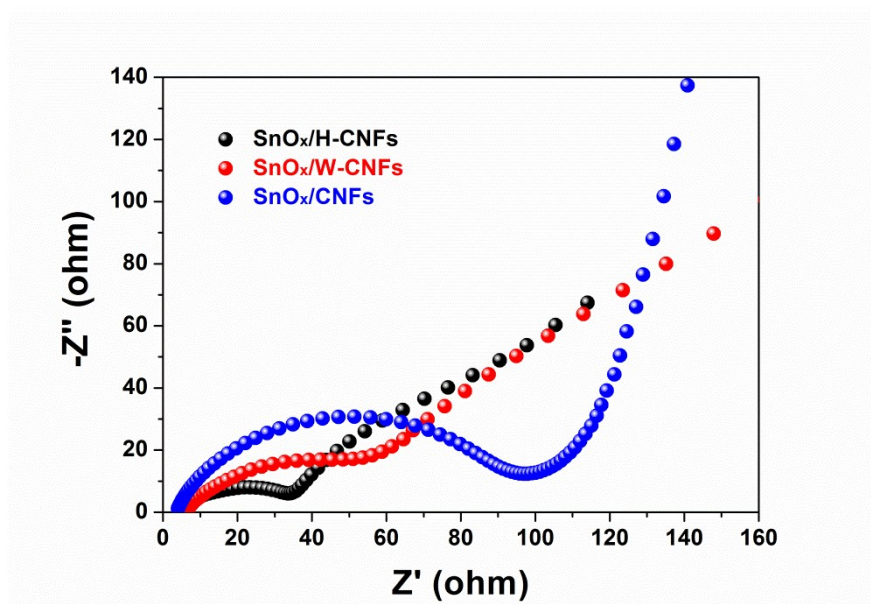


Fig. S5 Nyquist plots of the SnO_x/CNFs , $\text{SnO}_x/\text{W-CNFs}$ and $\text{SnO}_x/\text{H-CNFs}$ electrodes after 100 cycles.