Supporting Information

Nanocomposites of SnO$_2$@ordered mesoporous carbon (OMC) as anode materials for lithium-ion batteries with improved electrochemical performance*

Fig. S1 Low magnification TEM image of the 20SnO$_2$@OMC nanocomposite samples.
Fig. S2 Wide-angle XRD patterns of 25SnO$_2$@OMC samples.

Fig. S3 SEM image of 25SnO$_2$@OMC samples.
Fig. S4 (a) N$_2$ adsorption-desorption isotherms of 25SnO$_2$@OMC samples and (b) pore size distributions of 25SnO$_2$@OMC samples.
Fig. S5 Capacity vs. cycle number curves of the 25SnO$_2$@OMC electrodes.

Fig. S6 Rate capacity for the 25SnO$_2$@OMC.