Electronic Supplementary Material (ESI) for RSC Advances.

†***Electronic Supplementary Information (ESI)***

Chemically Anchored Two-Dimensional–SiO_x/Zero-Dimensional–MoO_2 nanocomposites for High-Capacity Lithium Storage Materials

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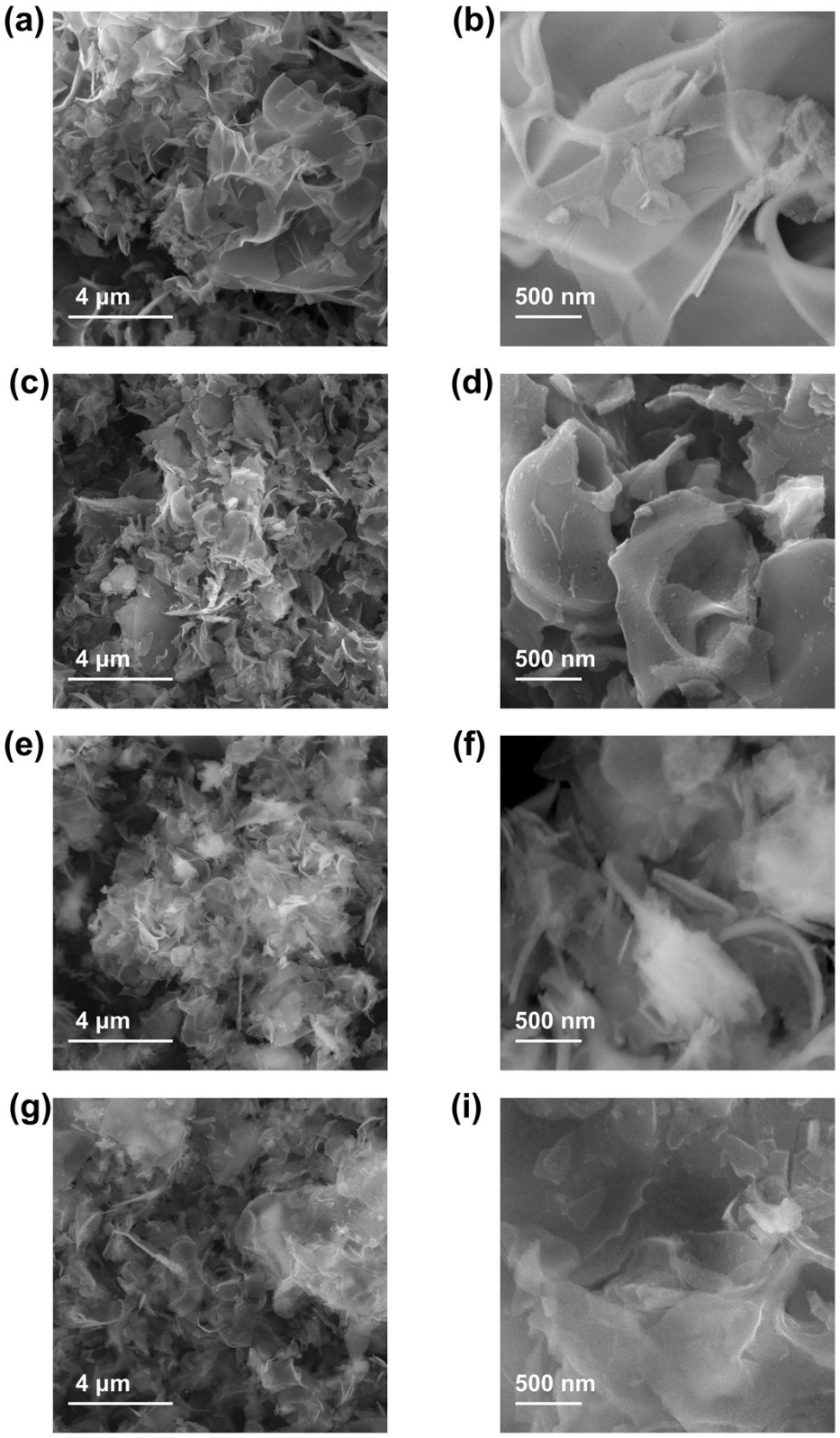

Fig. S1 FESEM images of the 2D-SiO_x nanosheets and 2D-SiO_x/0D-MoO_2 nanocomposites; (a, b) bare 2D-SiO_x nanosheets, (c, d) 20 wt%, (e, f) 30 wt%, and (g, h) 40 wt% of MoO_2 contained 2D-SiO_x/0D-MoO_2 nanocomposites.

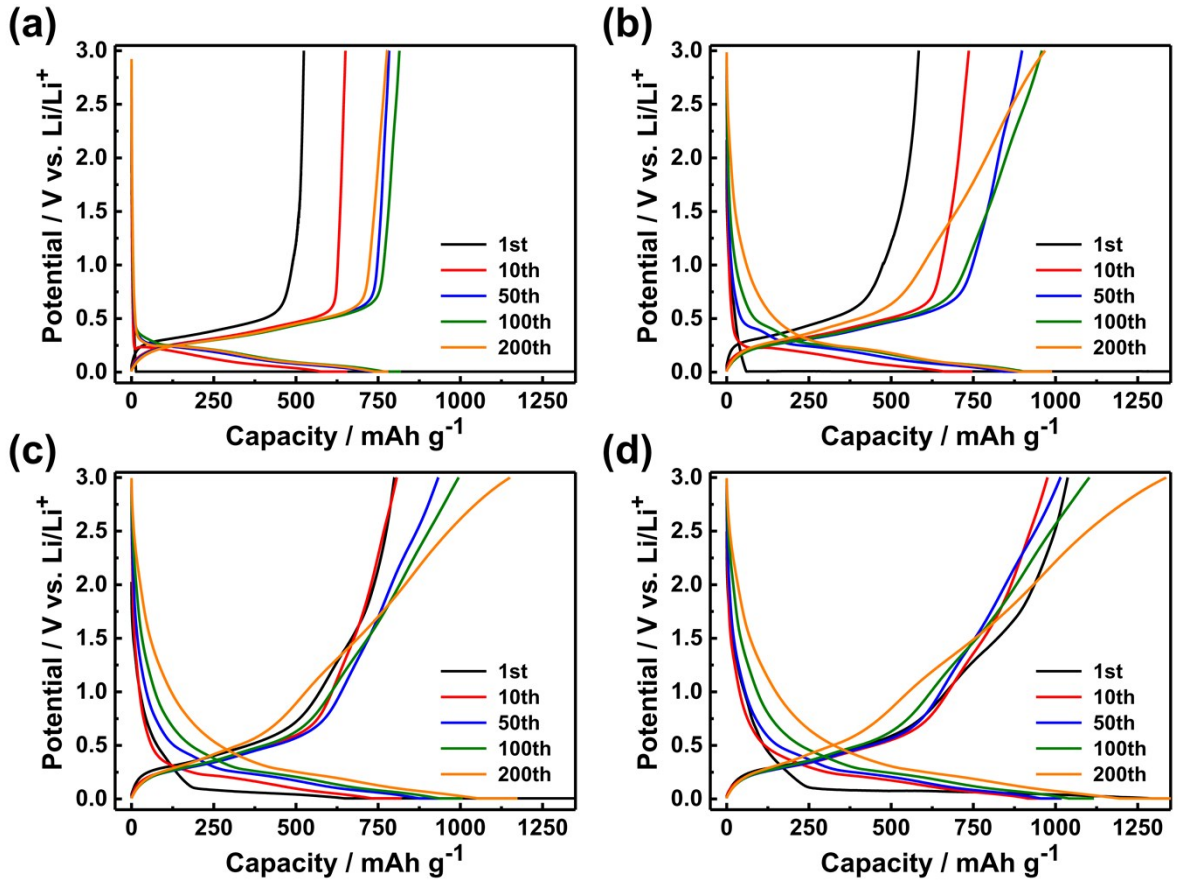

Fig. S2 Galvanostatic charge-discharge curves for selected cycles in the voltage range of 0.005-3.0 V versus Li/Li^+ at a constant current density of 0.2 C (200 mA g^{-1}); (a) bare 2D-SiO_x nanosheets, (b) 20 wt%, (c) 30 wt%, and (d) 40 wt% of MoO_2 contained 2D-SiO_x/0D-MoO_2 nanocomposites.