Supporting Information

Ordered Mesoporous Spinel LiMn_2O_4 by a Soft-Chemical Process as a
Cathode Material for Lithium-ion Batteries

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Fig. S1. TEM images of LiMn_2O_4 calcined at 450°C under vacuum.

Fig. S2. Nitrogen adsorption and desorption isotherms of LiMn_2O_4 calcined at 450°C under vacuum.

As the calcining temperature was increased to 450°C , the mesoporous structure have been destroyed, even though spinel single phase can be obtained.

Fig. S3. Charge/discharge curves of the lithiated MnO_2 calcined at (a) 350 °C under vacuum, (b) lithiated MnO_2 , and (c) lithiated MnO_2 calcined at 450 °C under vacuum between voltage limits of 3.0 and 4.3 V at 1C.