

Supporting Information

Improved Electrochemical Performance of Spinel $\text{LiMn}_{1.5}\text{Ni}_{0.5}\text{O}_4$ through MgF_2 Nano-coating

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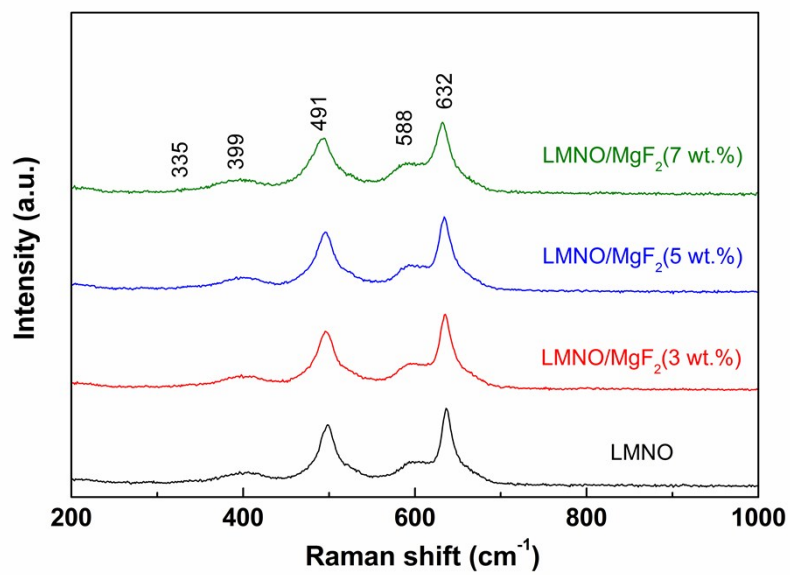


Fig. S1. Raman spectra of the pristine and MgF₂-coated LMNO.

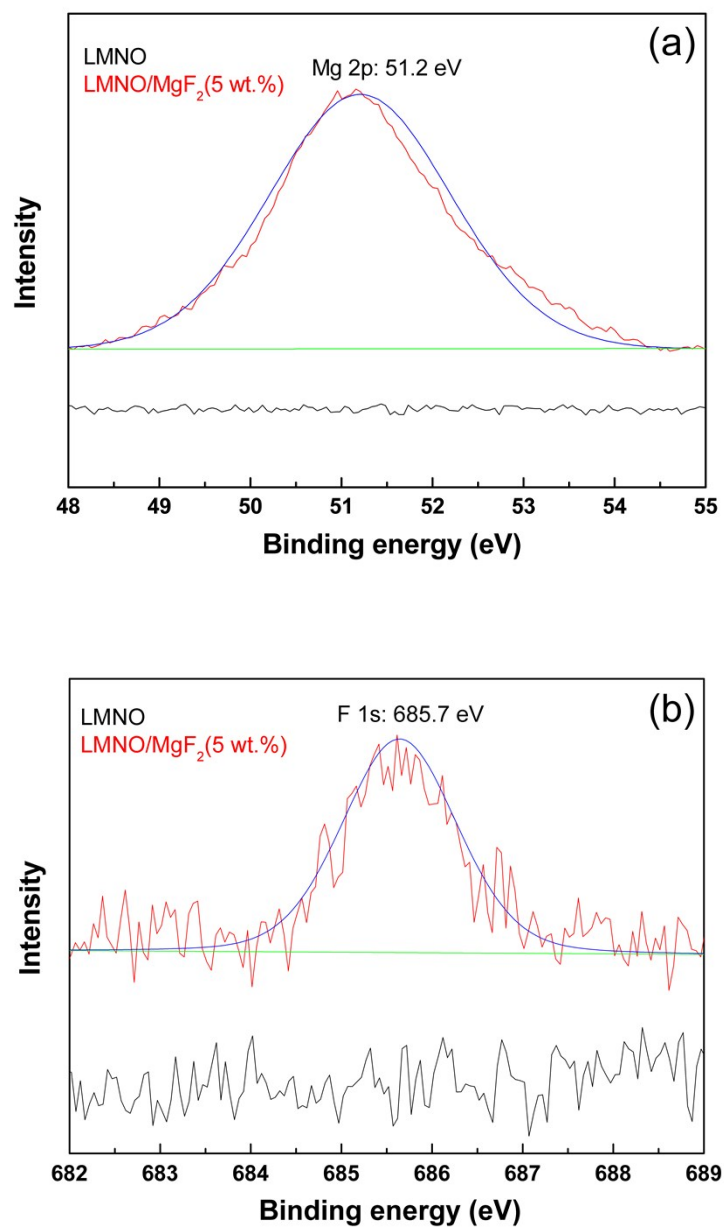


Fig. S2. XPS spectra of pristine and 5 wt.% MgF₂-coated LMNO. (a) Mg 2p; (b) F 1s.

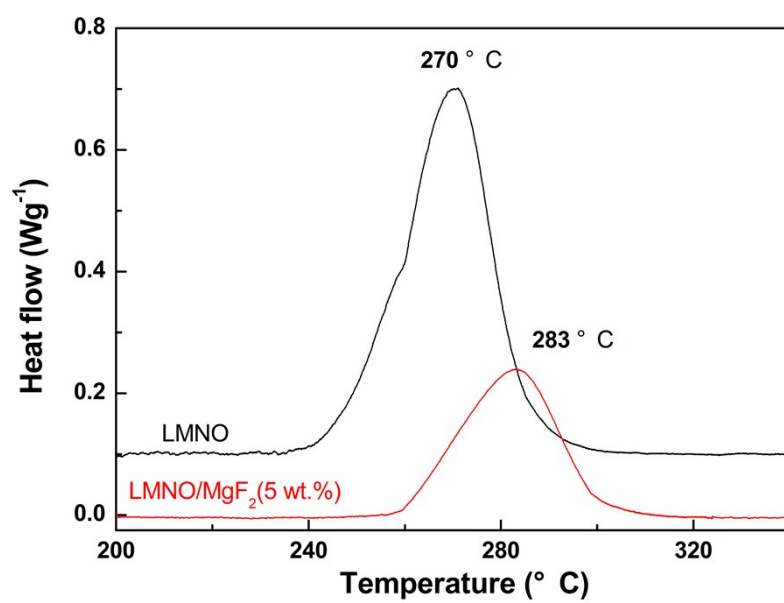


Fig. S3. DSC traces of the pristine and 5 wt.% MgF₂-coated LMNO electrodes at charged state of 4.9 V.