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Electronic Supplementary Information (ESI)

Highly Enhanced Lithium Storage Capability of LiNi_{0.5}Mn_{1.5}O₄ by Coating with Li₂TiO₃ for Li-ion Batteries

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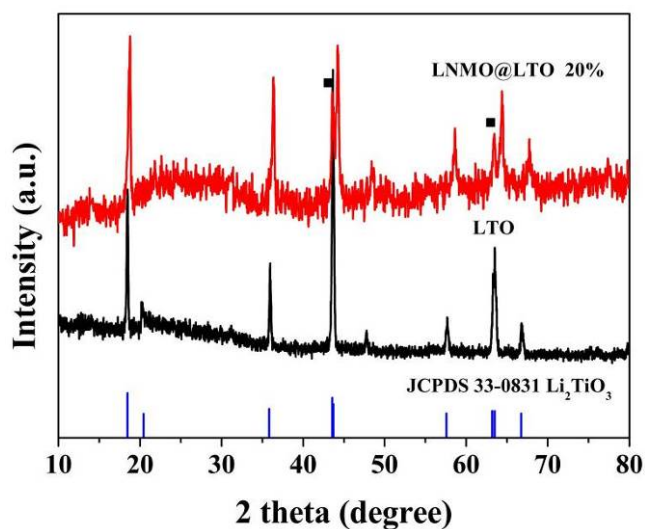


Figure S 1 XRD patterns of pristine Li_2TiO_3 (LTO) and LNMO@LTO 20 % materials.

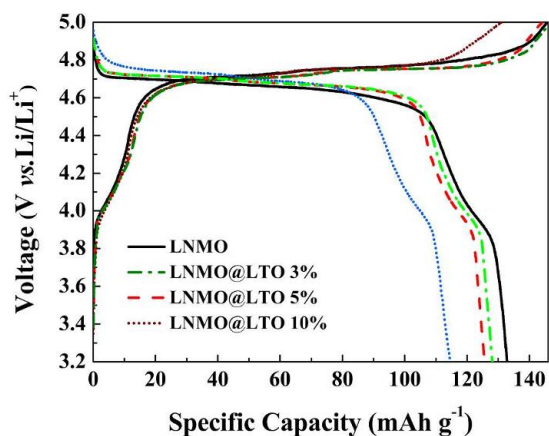


Figure S 2 Galvanostatic charge/discharge curves of pristine LNMO and LNMO@LTO samples.

Table S 1 Rietveld refinement results of the bare LNMO and LNMO@LTO materials

Sample	Space group	a (Å)	Vol. (Å ³)
Bare LNMO	$Fd-3m$	8.16994	545.33
LNMO@LTO 3%	$Fd-3m$	8.17295	545.93
LNMO@LTO 5%	$Fd-3m$	8.17427	546.19