

Figure S1. Typical AFM image of the Nb₂O₅ nanosheet spread on a Si wafer

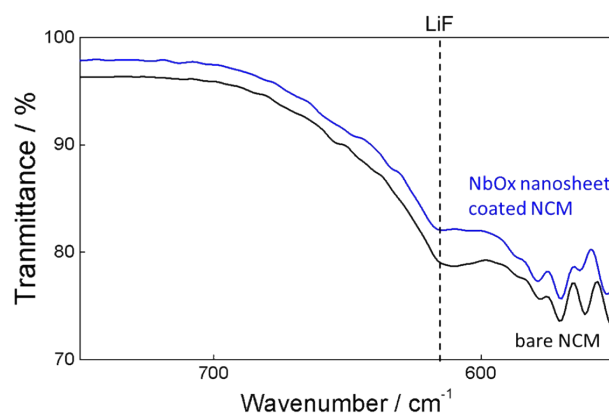


Figure S4. FT-IR spectra of bare (black) and Nb₂O₅ nanosheet coated (blue) NCM electrodes after 100th cycles

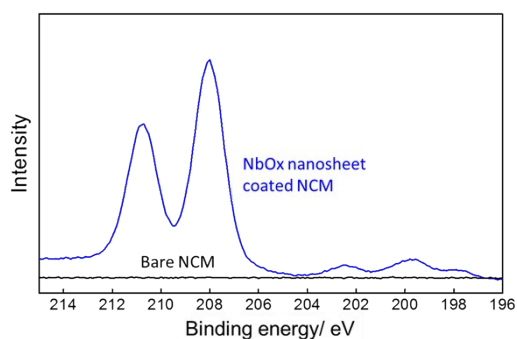


Figure S2. Typical XPS Nb_{3d5/2} core level spectra of bare NCM electrodes (black) and Nb₂O₅ nanosheet coated NCM electrodes (blue)

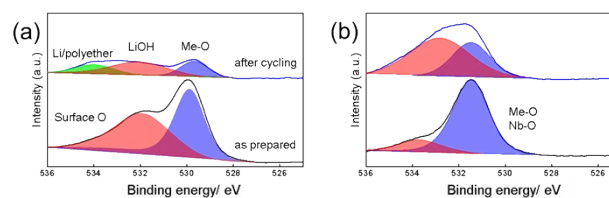


Figure S5. XPS O_{1s} core level profiles of bare (a) and Nb₂O₅ nanosheet coated (b) NCM electrodes after 100th cycles.

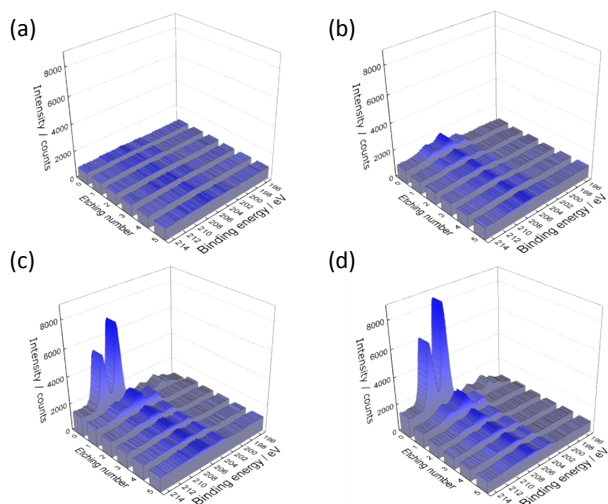


Figure S3. Changes in XPS Nb_{3d5/2} core level spectra of NCM electrodes with different Nb₂O₅ nanosheet coating conditions as a function of Ar-sputtering times: (a) bare NCM, (b) 0.1wt%, (c) 0.5wt%, (d) 1 wt%.