

Nanostructured Networks for Energy Storage: Vertically Aligned Carbon Nanotubes (VACNT) as Current Collectors for High-Power $\text{Li}_4\text{Ti}_5\text{O}_{12}$ (LTO)// LiMn_2O_4 (LMO) Lithium-Ion Batteries

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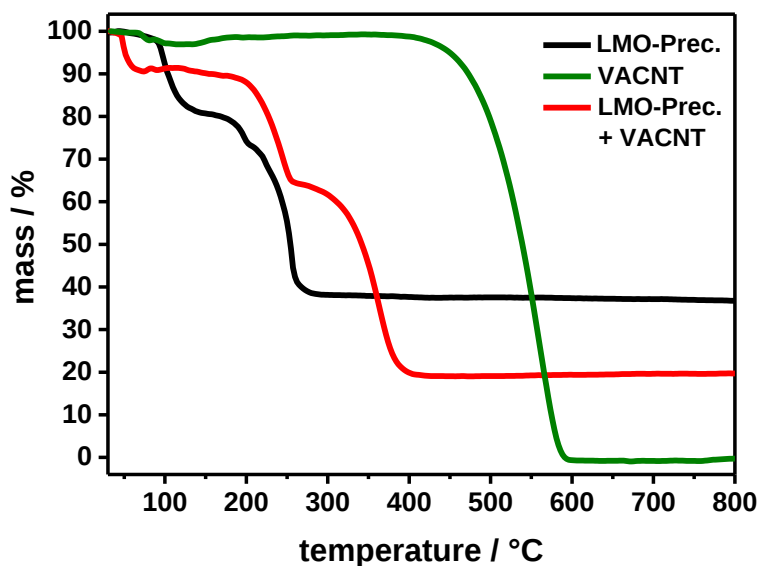


Figure S1. Thermogravimetric analysis in air of LMO-Precursor, VACNT, and VACNT coated with LMO-Precursor at a rate of 1 K min⁻¹.

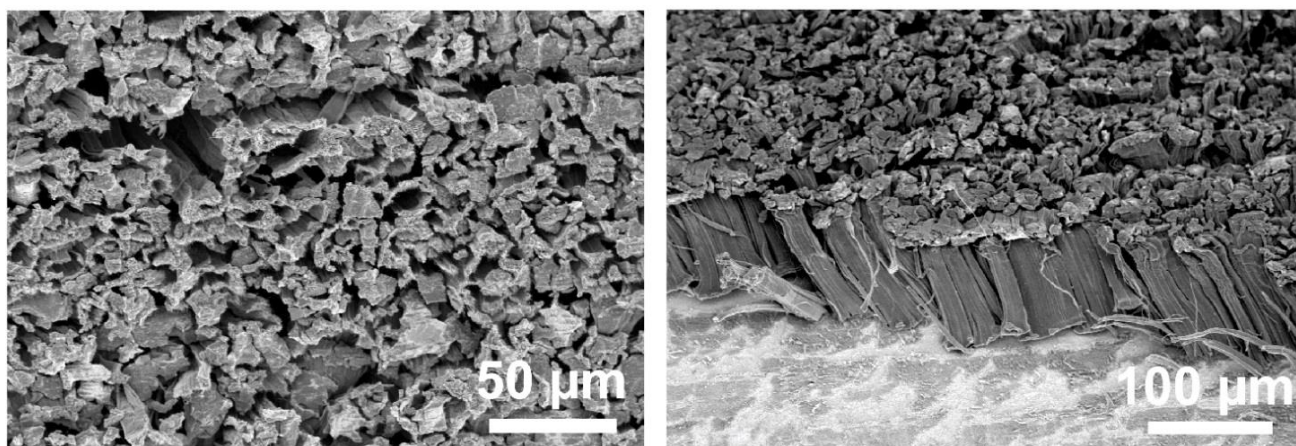


Figure S2. SEM images of a LMO-VACNT nanoarray transferred onto a primed aluminium substrate in top view (left) and side view (right).

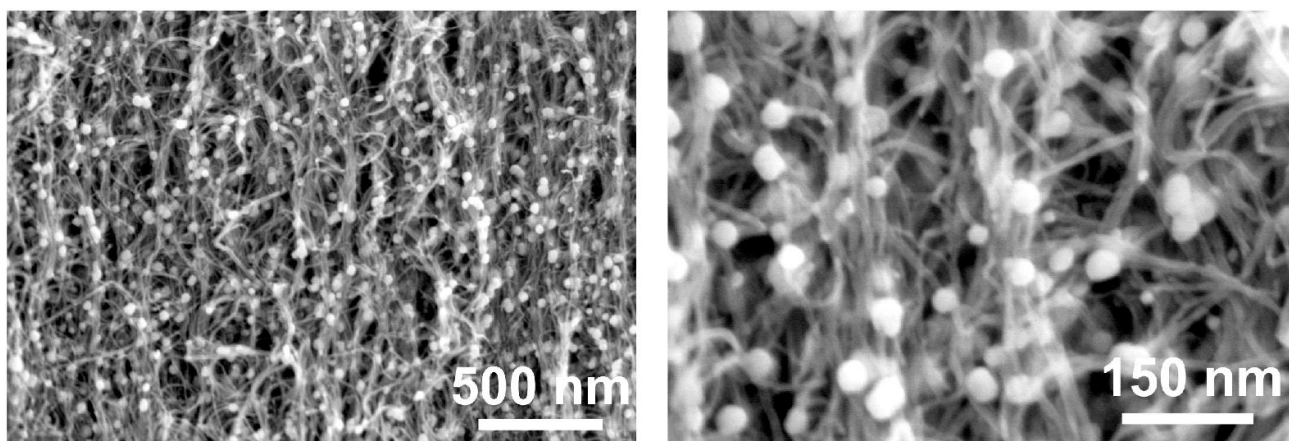


Figure S3. 67 wt % LMO nanoarray synthesized via pretreatment at 350 °C in argon and subsequent annealing at 225 °C / 12 h in air.

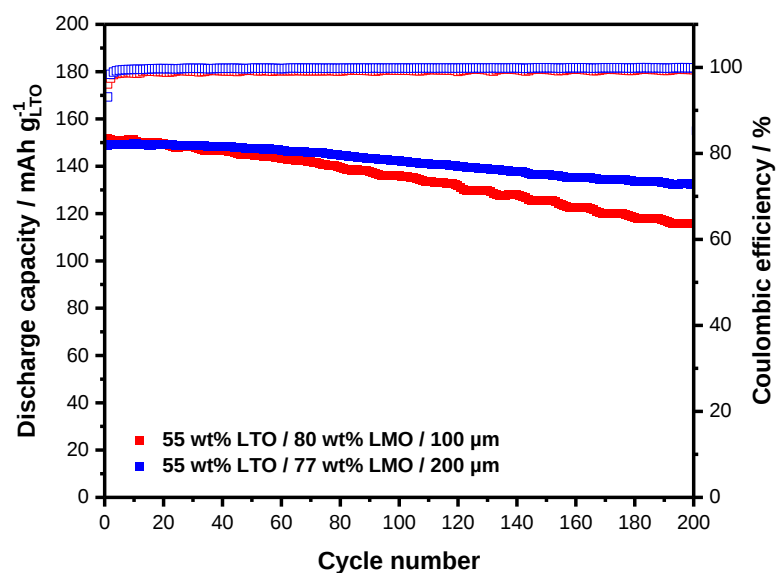


Figure S4. Long-term cycling stability of LTO-VACNT//LMO-VACNT full cells at 10 °C.