

Electronic Supplementary Information

Atomic layer deposited $\text{Li}_4\text{Ti}_5\text{O}_{12}$ on nitrogen-doped carbon nanotubes

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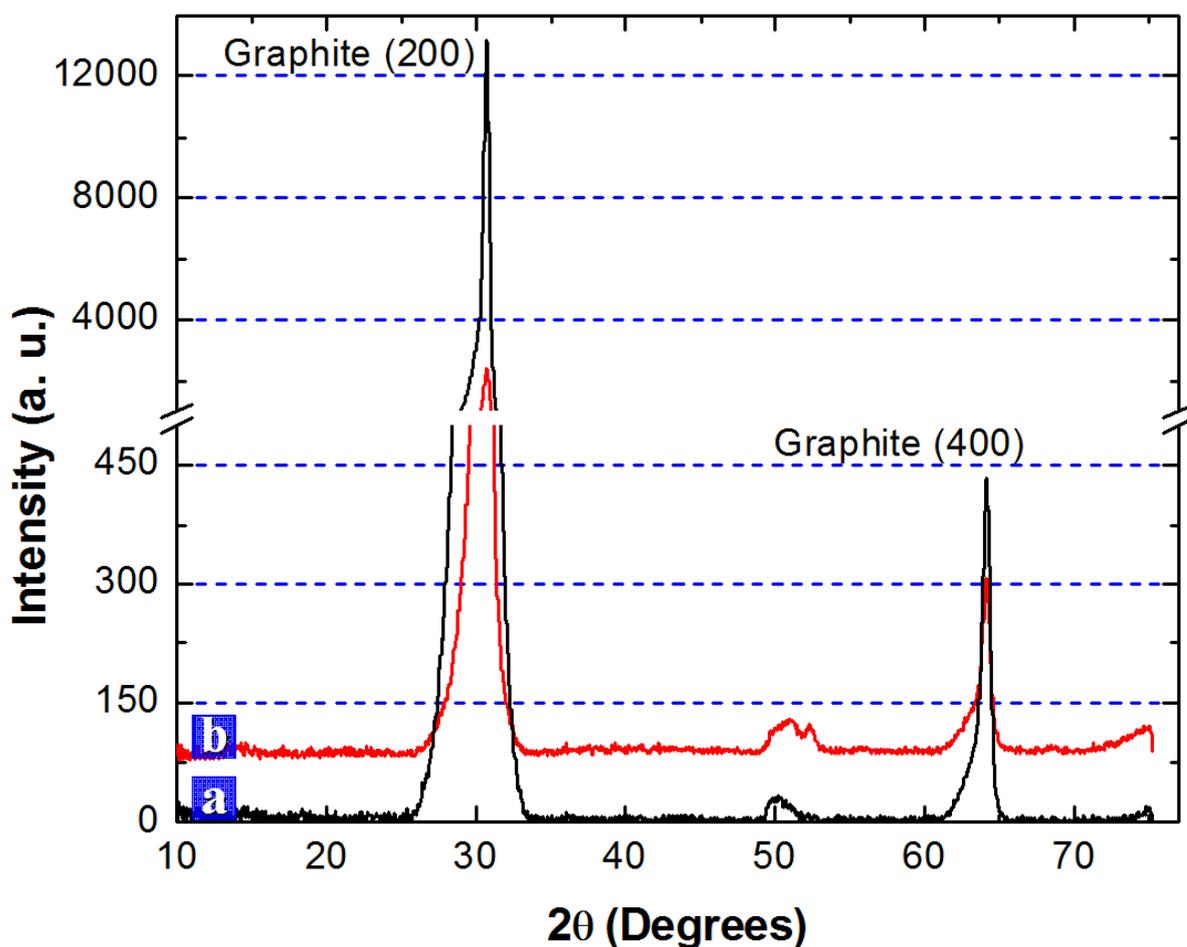


Figure ESI-1. XRD patterns of (a) pristine N-CNTs and (b) N-CNTs coated by 40-cycle ALD

Li-Ti-O.

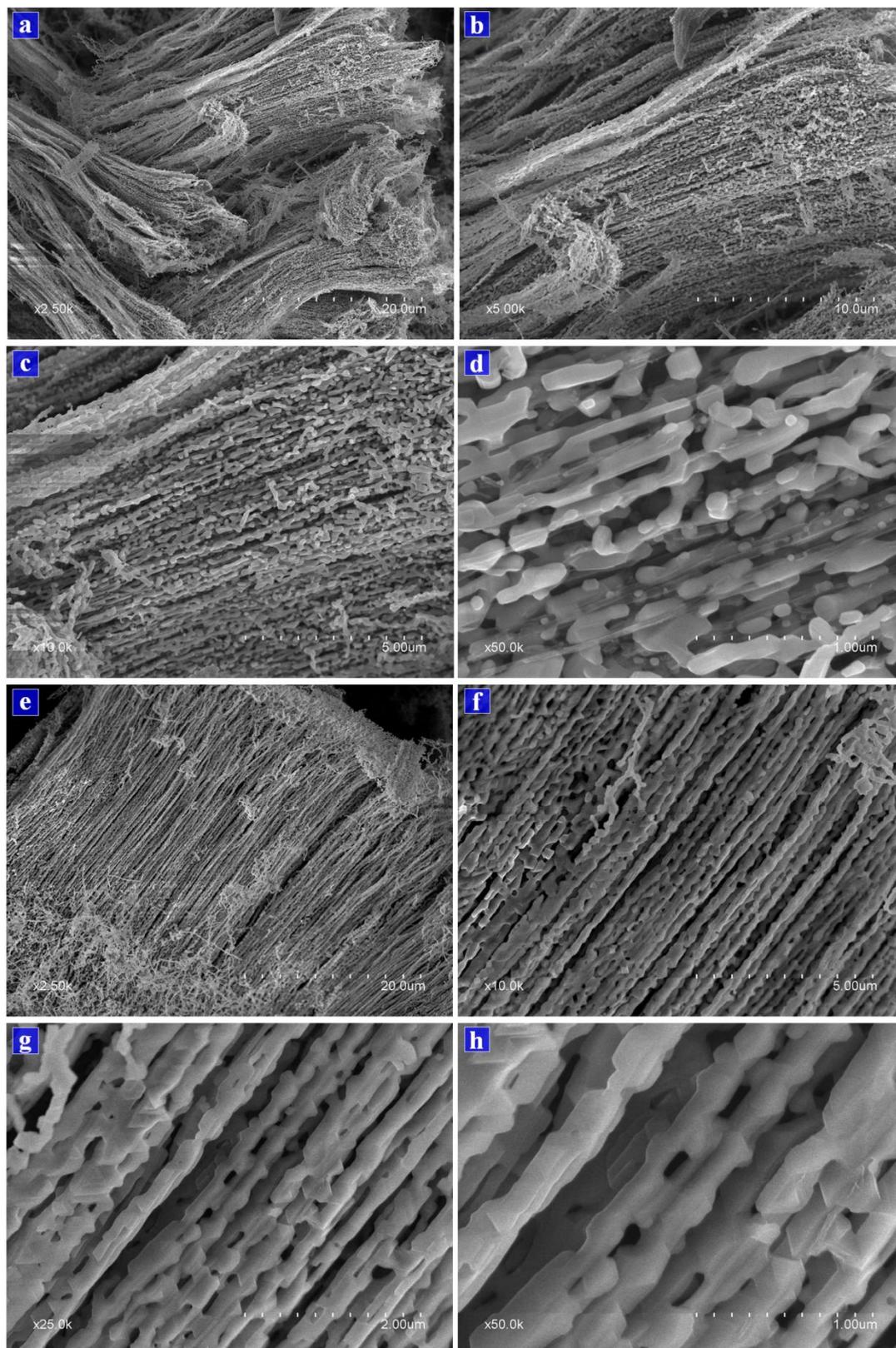


Figure ESI-2. SEM images of N-CNT-based $\text{Li}_4\text{Ti}_5\text{O}_{12}$ composites: (a-d) annealed at 850 °C and (e-h) annealed at 950 °C.

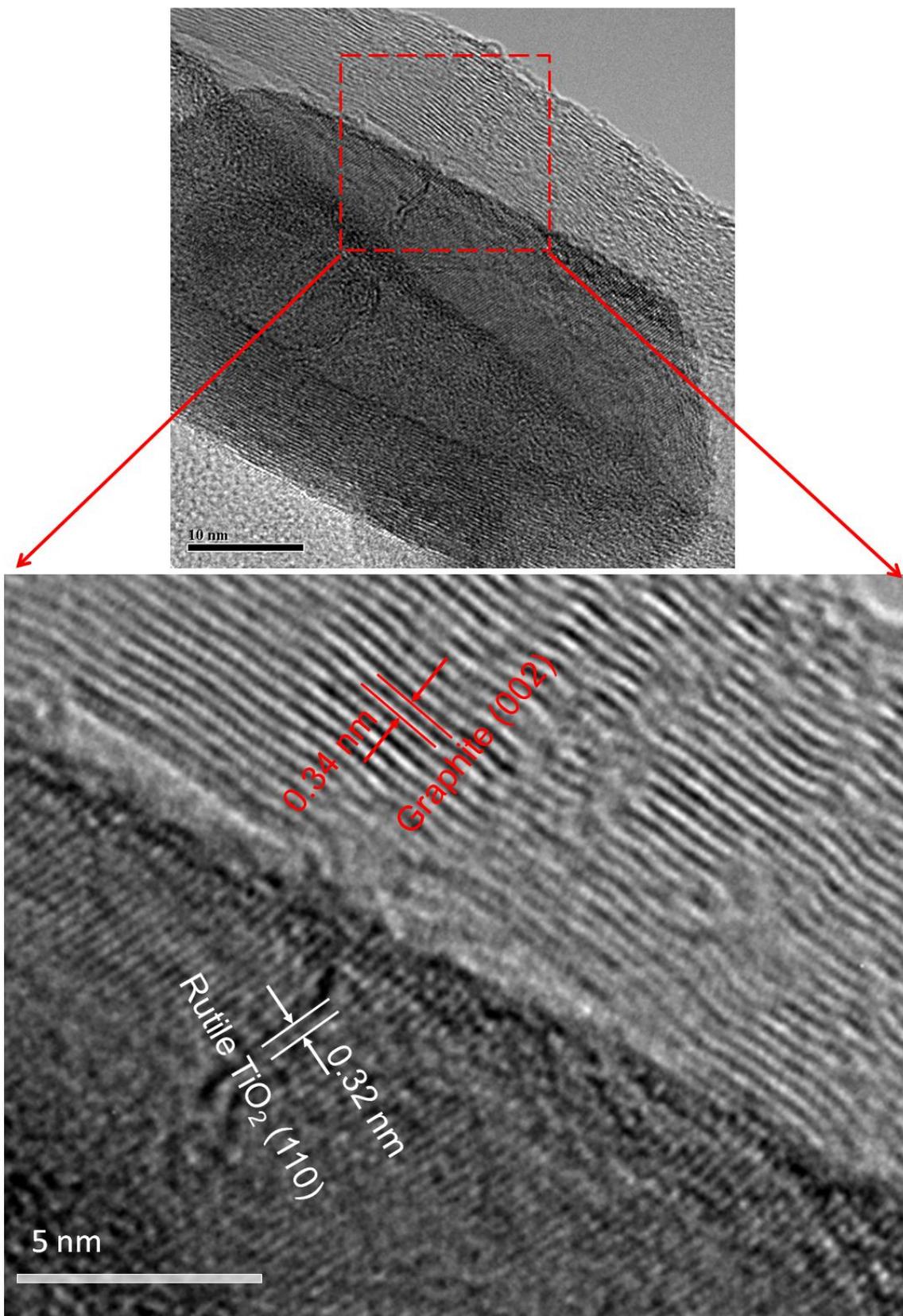


Figure ESI-3. HR-TEM images for the impurity of rutile TiO₂ adhered on N-CNTs after the annealing at 850 °C.