## **Supporting Information**

## Three-Dimensional TiNb<sub>2</sub>O<sub>7</sub> anchored on Carbon Nanofibers core-shell Arrays as Anode for High-Rate Lithium Ion Storage

Meili Qi<sup>a</sup>, Dongliang Chao<sup>b</sup>, Weifeng Sun<sup>a</sup>, Jinghua Yin<sup>a</sup>, Minghua Chen<sup>a\*</sup>

 <sup>a</sup> Key Laboratory of Engineering Dielectric and Applications (Ministry of Education), School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150080, P. R. China
<sup>b</sup> School of Materials Science and Engineering, Nanyang Technological University, Singapore, 637553



Supplemental Figure S1. SEM images of CNFs arrays



Supplemental Figure S2. SEM images of TNO microsphere



*Supplemental Figure S3.* A schematic representation showing thermodynamic surface tensions



*Supplemental Figure S4.* Contact angle images between liquid electrolyte and Freestanding CNFs



*Supplemental Figure S5.* Contact angle images between liquid electrolyte and Freestanding TNO/CNFs core/shell arrays