nanomaterials

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*Supplementary*

# Amorphous $Sb_2S_3$ Nanospheres In-situ Grown on Carbon Nanotubes as Anodes for NIBs and KIBs

**Meng Li [1], Fengbin Huang [1], Jin Pan [1], Luoyang Li [1], Yifan Zhang [1], Qingrong Yao [1], Huaiying Zhou [1], Jianqiu Deng [1,*]**

[1] School of Materials Science and Engineering & Guangxi Key Laboratory of Information Materials, Guilin University of Electronic Technology, Guilin 541004, China; 185686394@qq.com (M.L.), 2664110462@qq.com (F.H.), 253309260@qq.com (J.P.), 1508321432@qq.com (L.L.), 479975825@qq.com (Y.Z.), qingry96@guet.edu.cn (Q.Y.), zhy@guet.edu.cn (H.Z.)

* Correspondence: jqdeng@guet.edu.cn (J. D.)

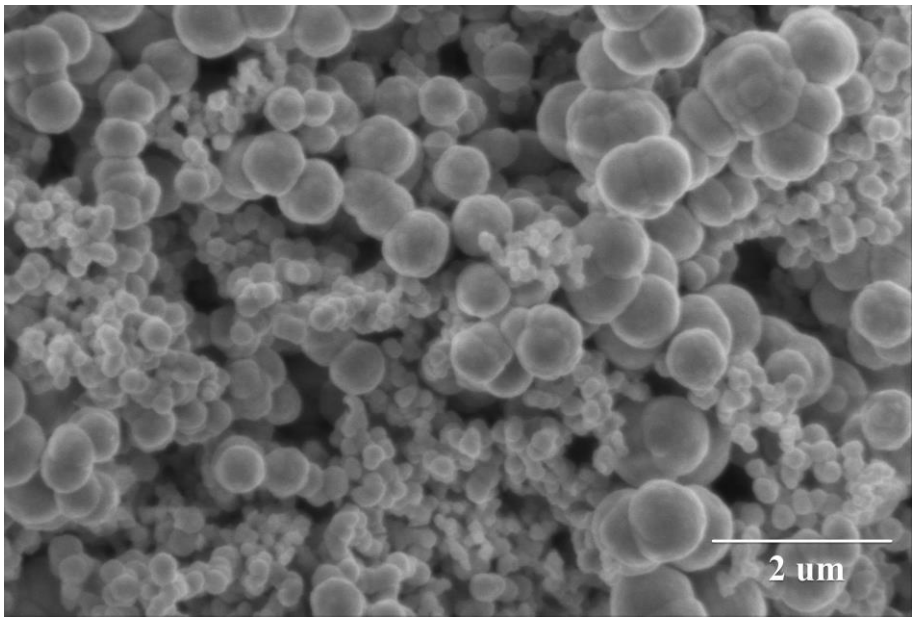



**Figure S1**. SEM image of pure $Sb_2S_3$.

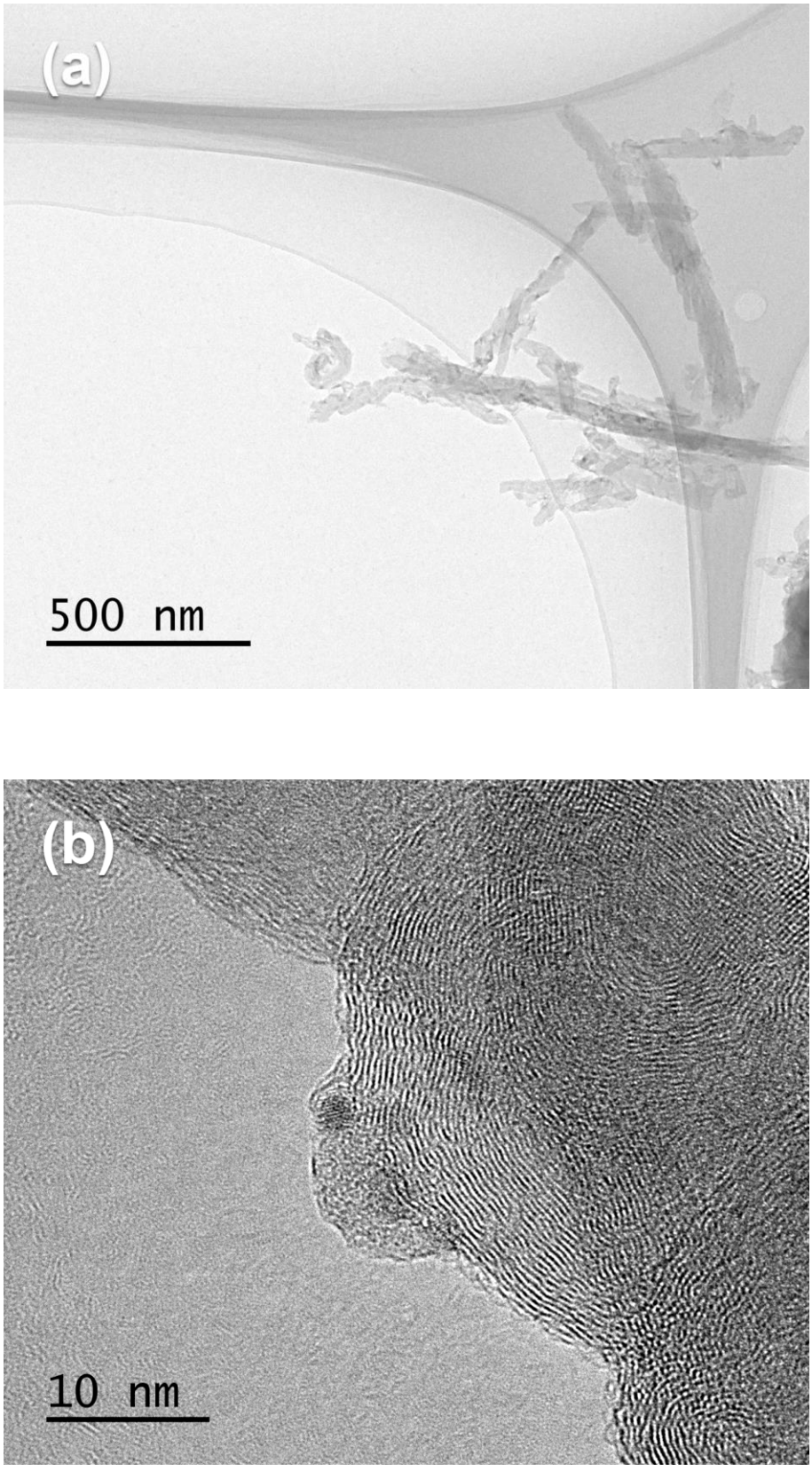
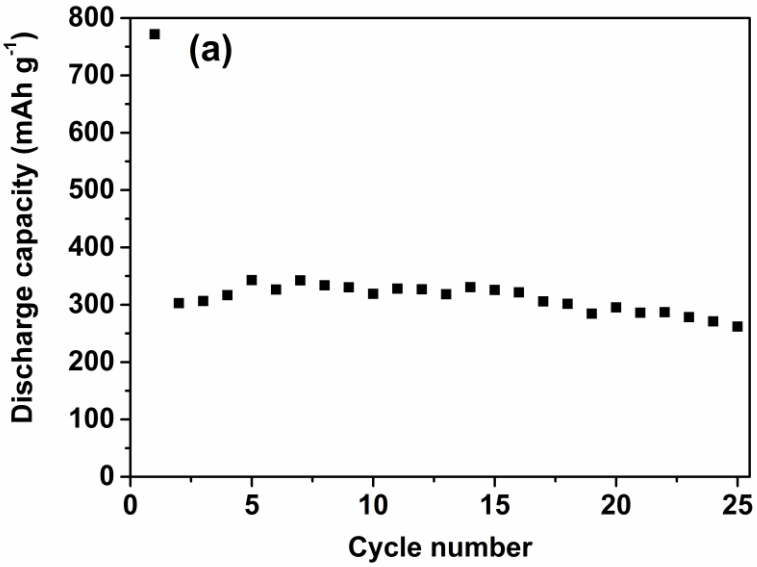



**Figure S2.** (a) TEM and (b) HRTEM images of the CNTs.



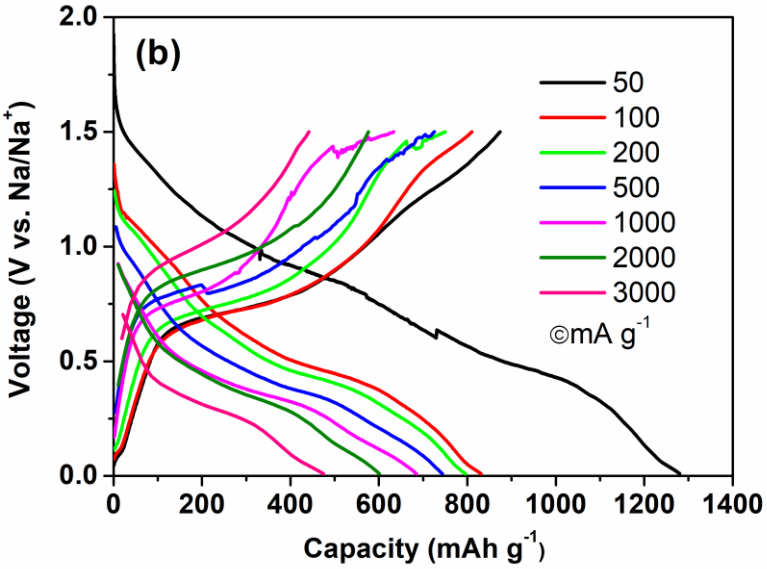




**Figure S3.** (a) Cycle performance of the $Sb_2S_3$ anode for NIBs at 100 mA $g^{-1}$. (b) Galvanostatic discharge–charge profiles of the $Sb_2S_3$/CNTs anode for NIBs measured under various current densities.

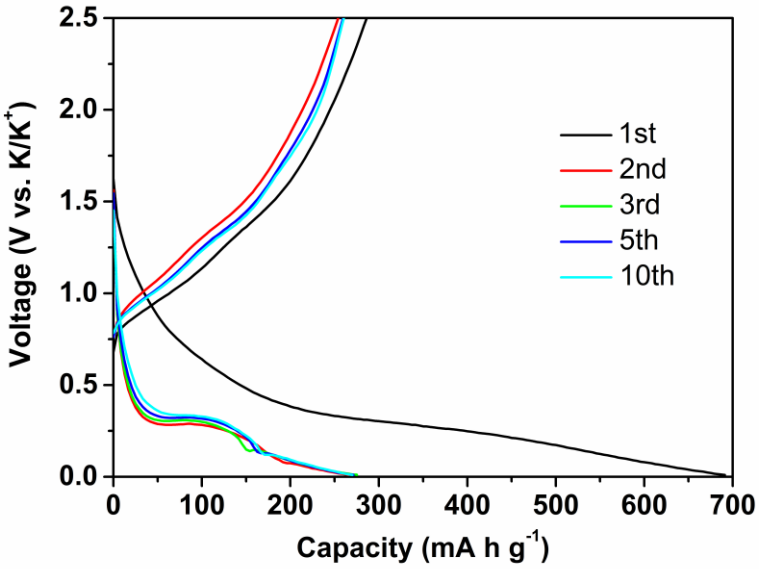



**Figure S4.** The galvanostatic discharge/charge curves of the Sb2S3/CNTs anode for KIBs at 500 mA $g^{-1}$.