

Electronic Supplementary Information

Thin copper oxide nanowires/carbon nanotubes interpenetrating networks for lithium ion batteries

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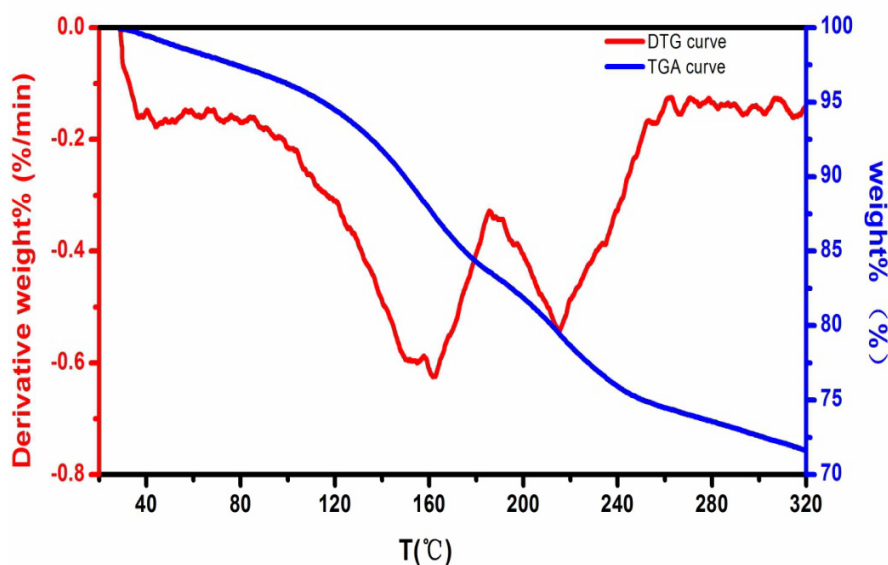


Figure S1. TGA and DTG curves of the ultrathin $\text{Cu}(\text{OH})_2$ Nanowires (NWs) in air.

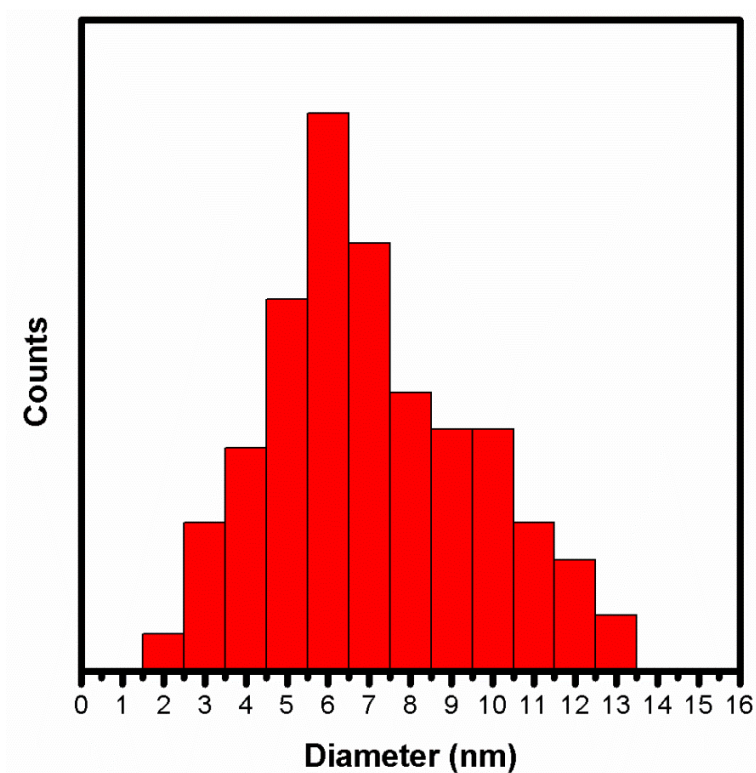


Figure S2. The diameter distribution histogram of the obtained CuO NWs.

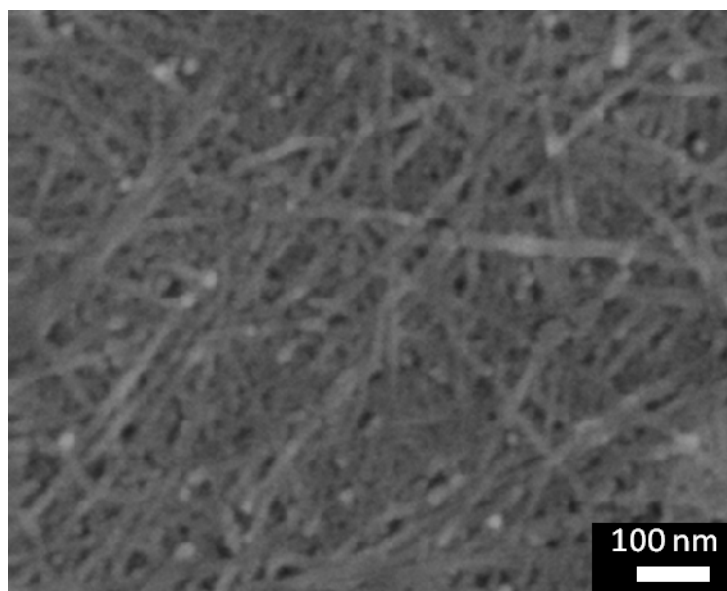


Figure S3. The products after heat treatment of Cu(OH)₂ NWs at 300 °C for 2 hours.

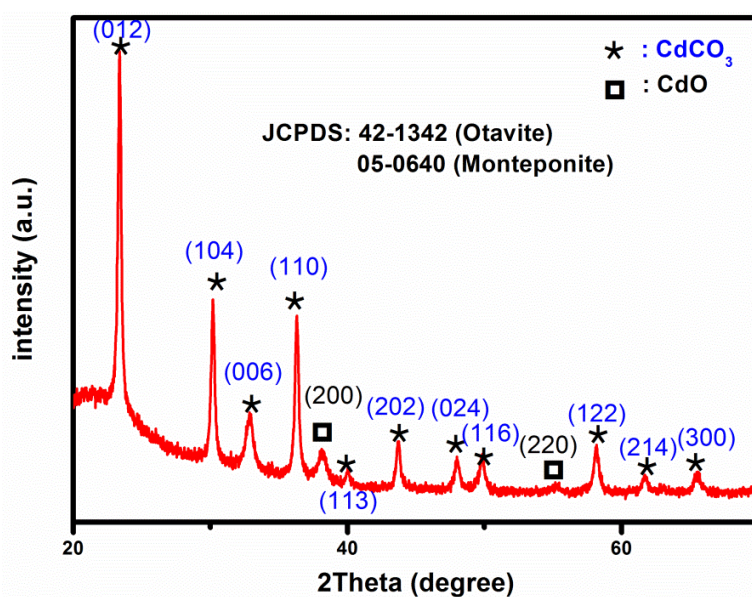


Figure S4. The XRD patterns of as-prepared products after thermal treatment of the thin $\text{Cd}(\text{OH})_2$ NWs at 250 °C for 2 hours in the air.

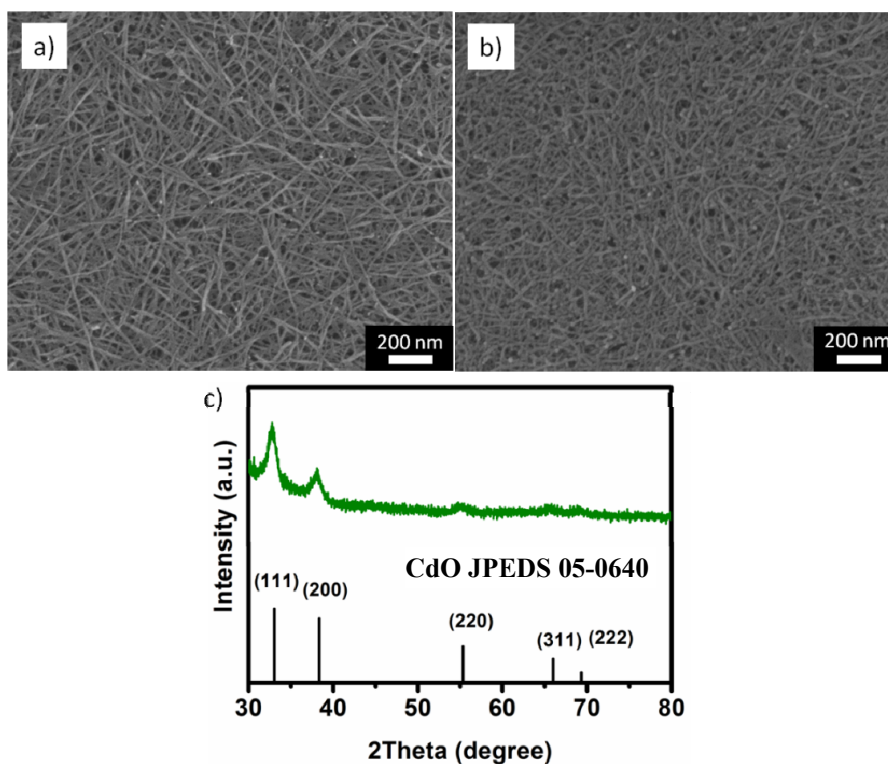


Figure S5. SEM images of (a) ultrathin $\text{Cd}(\text{OH})_2$ NWs; (b) products after heat treatment of $\text{Cd}(\text{OH})_2$ NWs at 250 °C for 2 hours with the protection of N_2 ; (c) XRD patterns of the final products displayed in Figure S5b.