

## **Graphene-coating mesoporous Co<sub>3</sub>O<sub>4</sub> fibers as an efficient anode material for Li-ion batteries**

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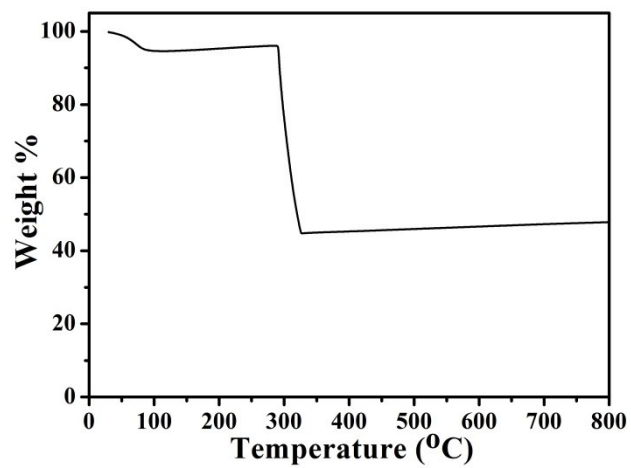


Figure S1. The TGA curve of the synthesized Co-NTA fibers sample.

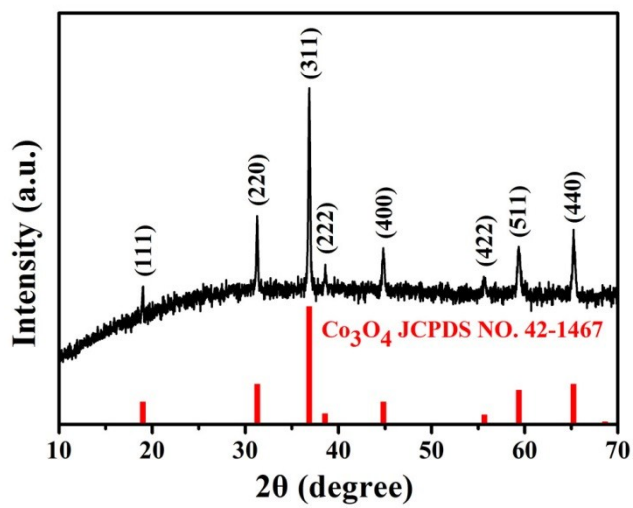


Figure S2. The XRD pattern of Co<sub>3</sub>O<sub>4</sub> fibers.

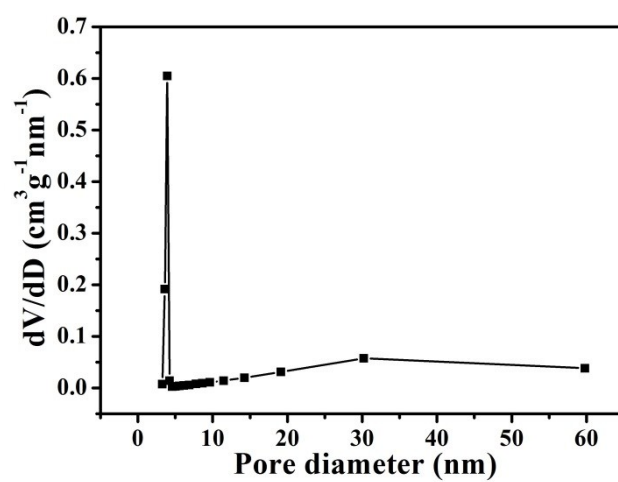


Figure S3. The pore-size distribution of  $\text{Co}_3\text{O}_4@\text{G}$  fibers.

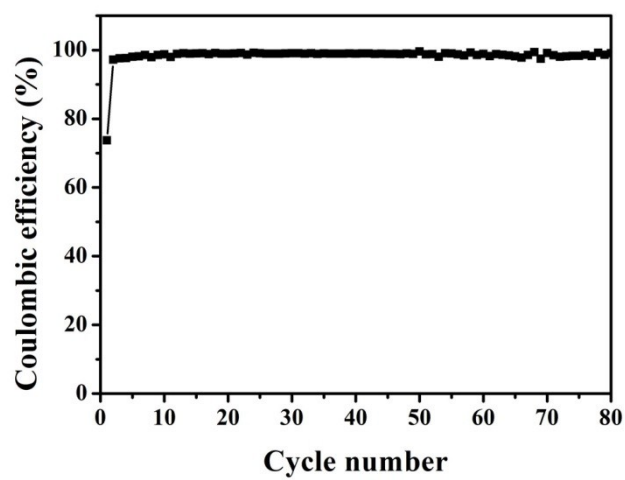


Figure S4. The coulombic efficiency of  $\text{Co}_3\text{O}_4@\text{G}$  electrode.

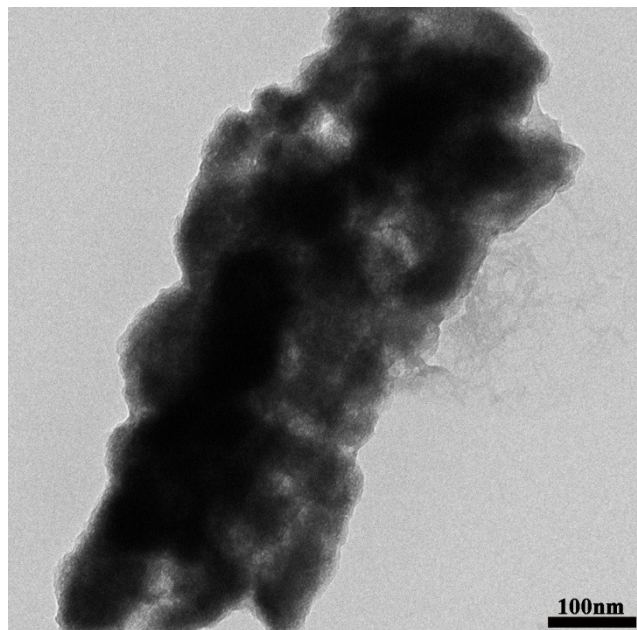


Figure S5. TEM image of  $\text{Co}_3\text{O}_4@\text{G}$  nanocomposites electrode after 80 cycles.