

## Electronic Supplementary data

# Nanostructural cobalt oxide as high performance anode for lithium-ion battery: Prepared via book-like cobalt-organic framework

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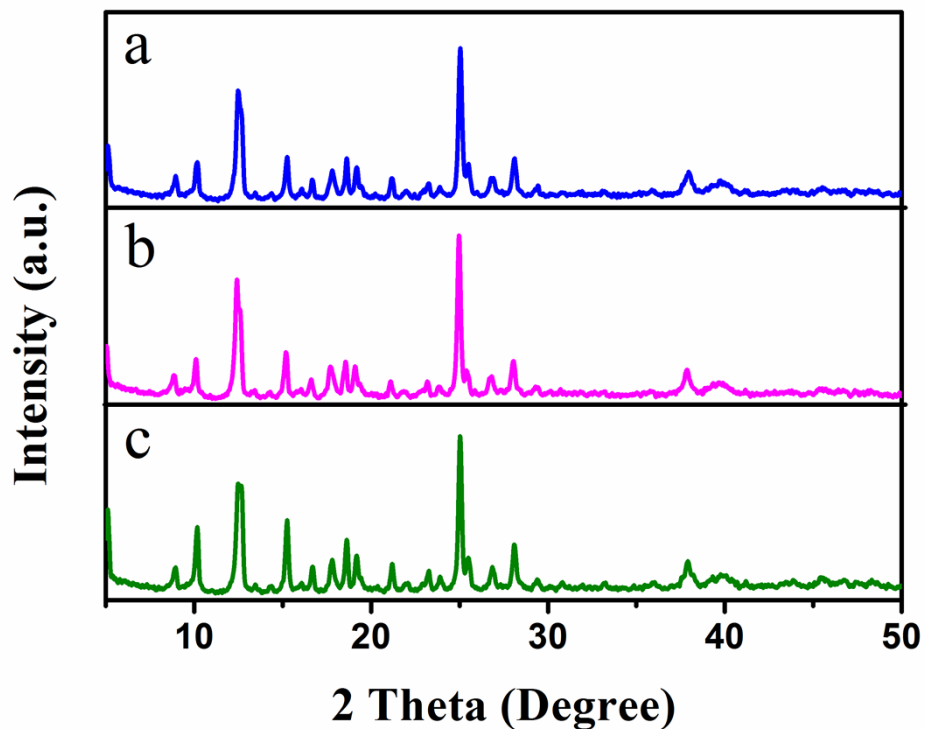
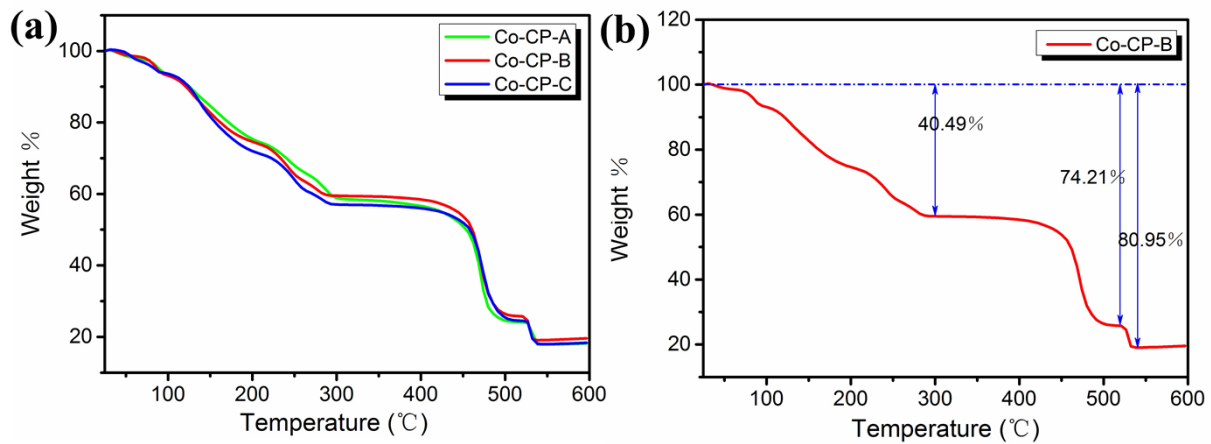
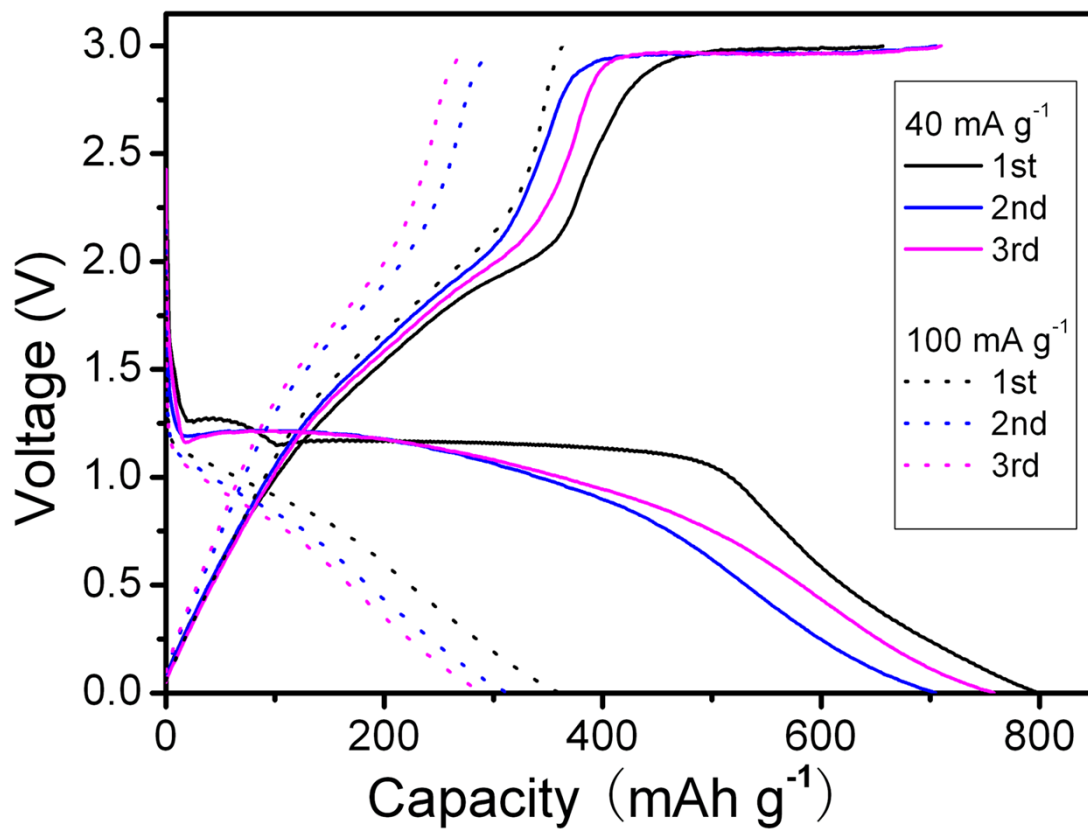


Fig. S1. XRD pattern of (a) Co-CP-A, (b) Co-CP-B, and (c) Co-CP-C.



**Fig. S2.** TGA curve of the as-obtained sample (a) Co-CP-A, Co-CP-B, and Co-CP-C. (b) Co-CP-B.



**Fig. S3** The first three charge/discharge cycles of Co<sub>3</sub>O<sub>4</sub>-C at the current densities of 40 and 100 mA g<sup>-1</sup> respectively.