Supplementary Information

Nanostructured Co(II)-based MOFs as promising anodes for advanced lithium storage

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Figure S1. TEM image of the as-prepared Co-BTC MOF at 200 °C for 4 h.

Figure S2. EDS of the as-prepared Co-BTC MOF at 200 °C for 8 h (spray-gold).
Figure S3. XRD patterns of the as-prepared Co-BTC MOF at 200 °C for 8 h.

Figure S4. The XPS survey spectrum of the Co-BTC MOF.

Figure S5. EDS of the Co$_3$O$_4$ nanoparticles.
Figure S6. The TEM image of the Co-BTC MOF electrode after 200 cycles at a current density of 100 mA g$^{-1}$