Supporting information

A Prussion Blue-supported Annealing Chemical Reaction Route Synthesized Double-Shelled Fe_2O_3/Co_3O_4 Hollow Microcubes as Anode Materials for Lithium-Ion Battery

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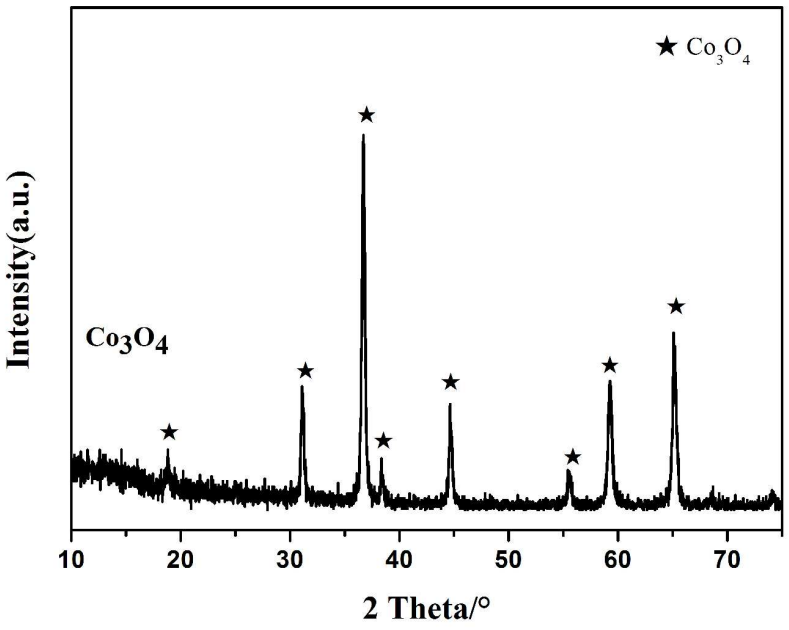

Figure S1. Wide-angle XRD patterns of the simple Co_3O_4 nanoparticles.

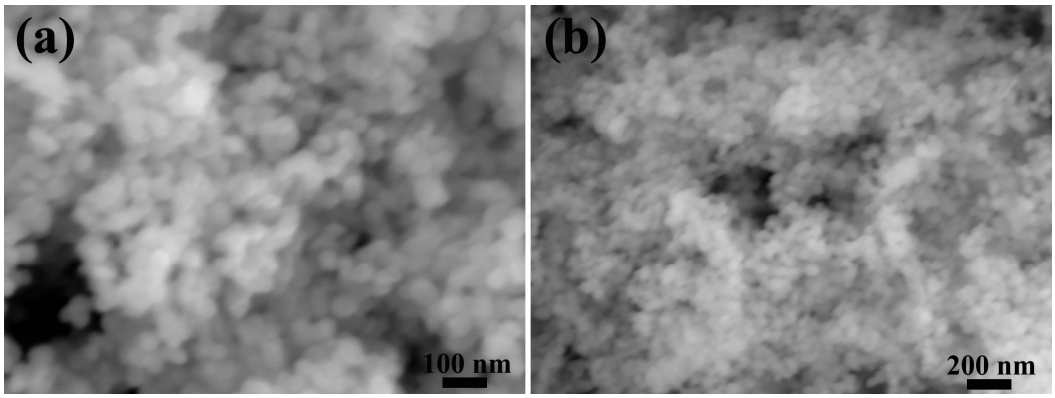

Figure S2. FE-SEM images of pure Co_3O_4 nanoparticles synthesized by the slow chemical reaction method

Table S1. Element content of the Fe_2O_3/Co_3O_4 microcubes measured by EDS

	Fe_2O_3/Co_3O_4(1:0.5)	Fe_2O_3/Co_3O_4(1:1)	Fe_2O_3/Co_3O_4(1:1.5)
C (Atomic%)	56.74	43.89	21.16
O (Atomic%)	35.82	43.05	51.34
Fe (Atomic%)	4.70	6.95	11.71
Co (Atomic%)	2.74	6.11	15.79
Totals%	100	100	100

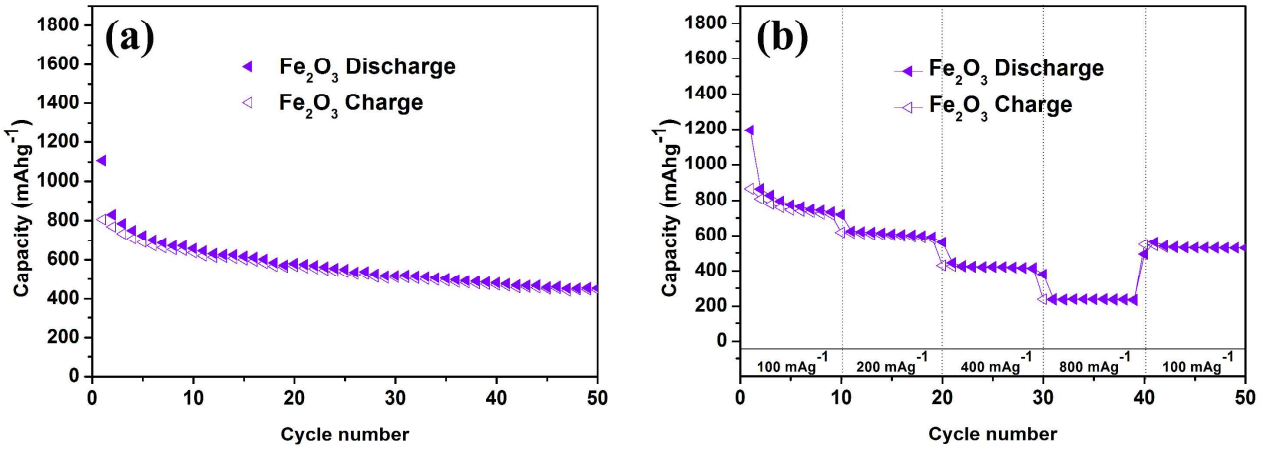

Figure S3. (a) Discharge and Charge capacity vs. cycle numbers curves of the Fe_2O_3 microcube electrode cycled at a current density of 100 mA g^{-1} in the voltage range 3.00−0.01 V versus Li^+/Li for 50 cycles.(b) Rate capability of the Fe_2O_3 microcube electrode.