

Electronic Supplementary Information

Hierarchical CoNiO₂ structures assembled by mesoporous nanosheets with tunable porosity and their application as lithium-ion battery electrodes

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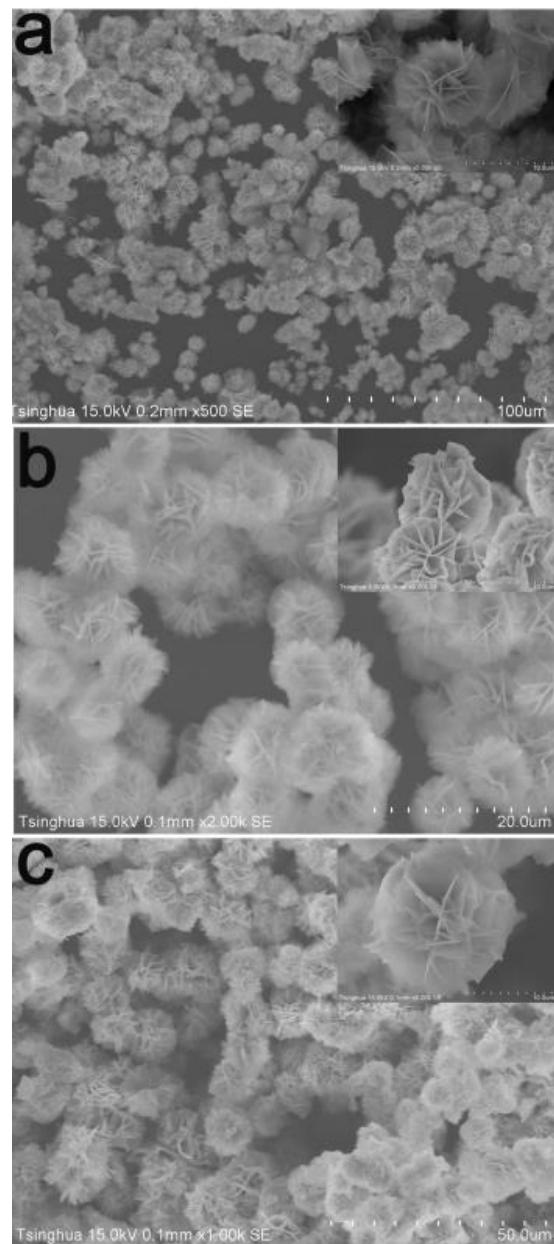
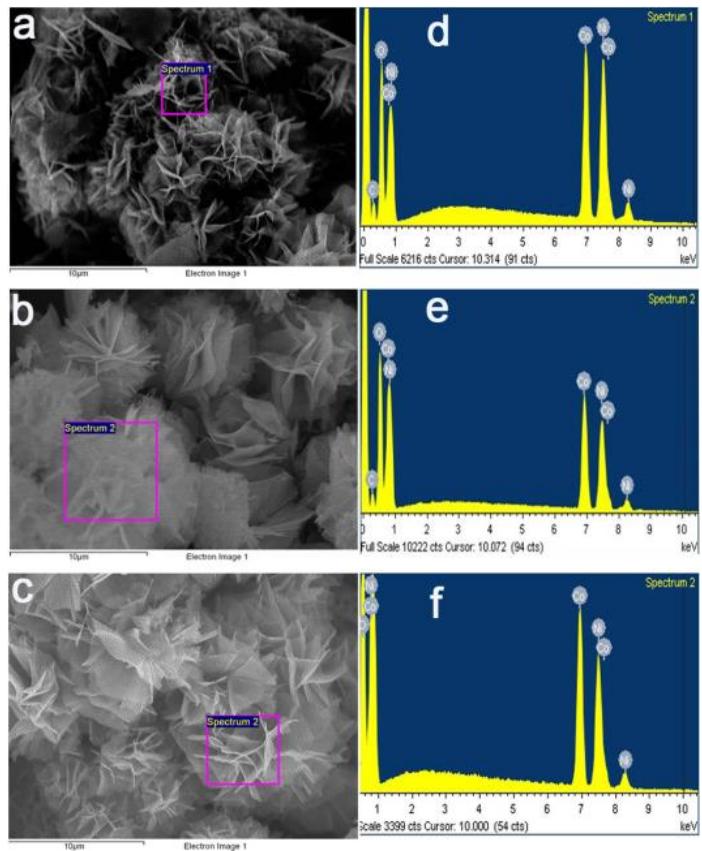


Fig. S1 FESEM images of the as-prepared precursors in solutions of (a) 0/30, EtOH/water, (b) 10/20, EtOH/water, (c) 20/10, EtOH/water (v/v).



	Co (at. %)	Ni (at. %)	Co/Ni ratio
S1	49.7	50.3	0.98
S2	51	49	1.04
S3	50.9	49.1	1.03

Fig. S2 Additional SEM images and EDX patterns of the mesoporous CoNiO₂ hierarchical structures. (a, d) S1, (b, e) S2, (c, f) S3. Table shows the the content of Co, Ni and their atomic ratio.

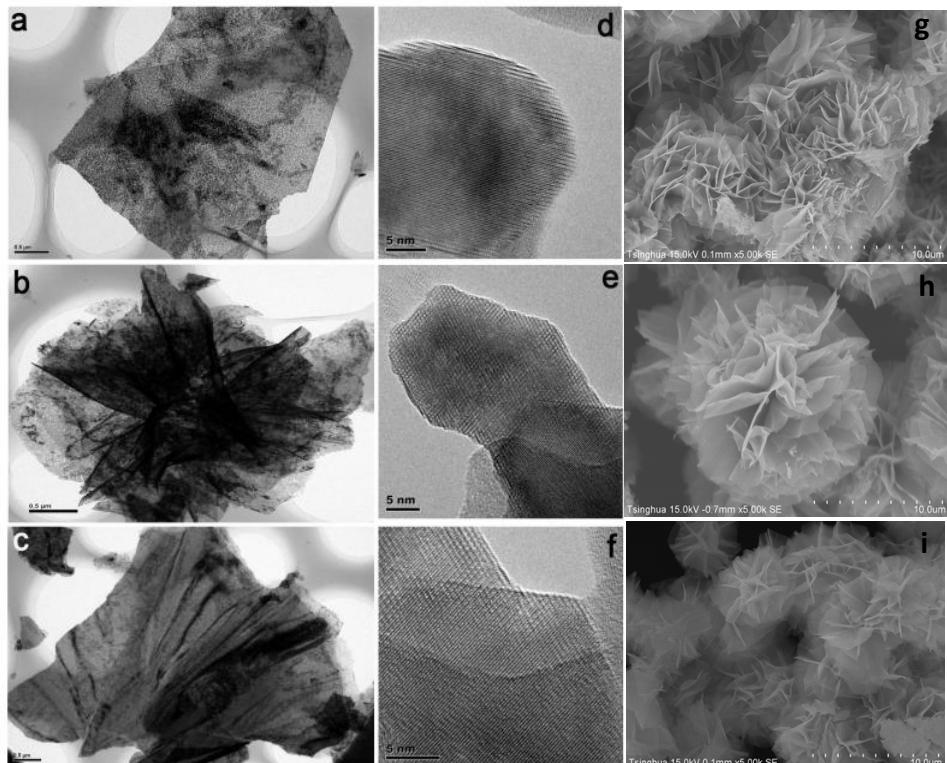


Fig. S3 SEM, TEM and HRTEM images of the mesoporous CoNiO₂ hierarchical structured electrodes after rate capability testing (50 cycles). (a, d, g) S1, (b, e, h) S2, (c, f, i) S3.

Reference

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