

Supporting Information

Binary Cooperative NiCo₂O₄ on the Nickel Foams with Quasi-two-dimensional precursors: A Bridge between 'Supercapacitor' and 'Battery' in Electrochemical Energy Storage

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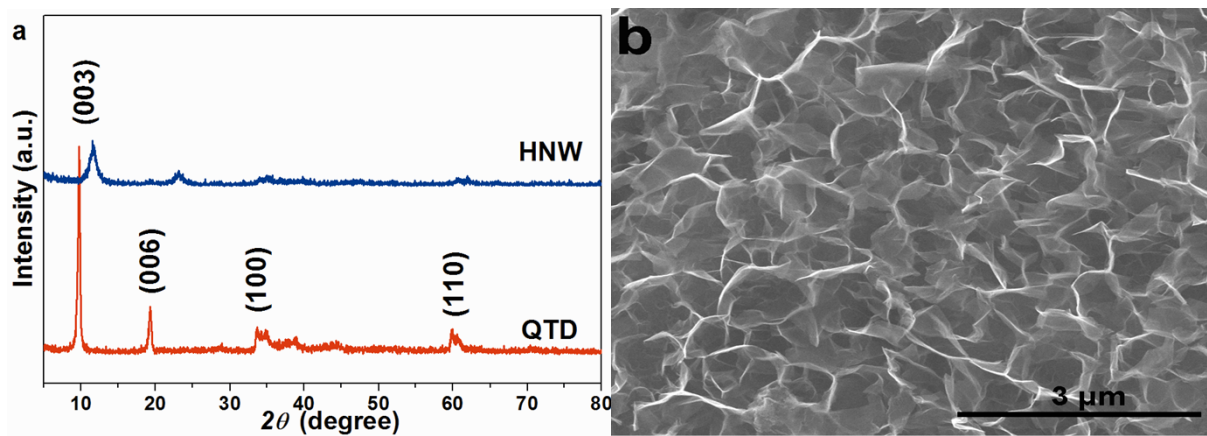


Fig. S1. (a) XRD of the cobalt-nickel-hydroxide precursors. (b)SEM image of the nickel foams with the surface treatment.

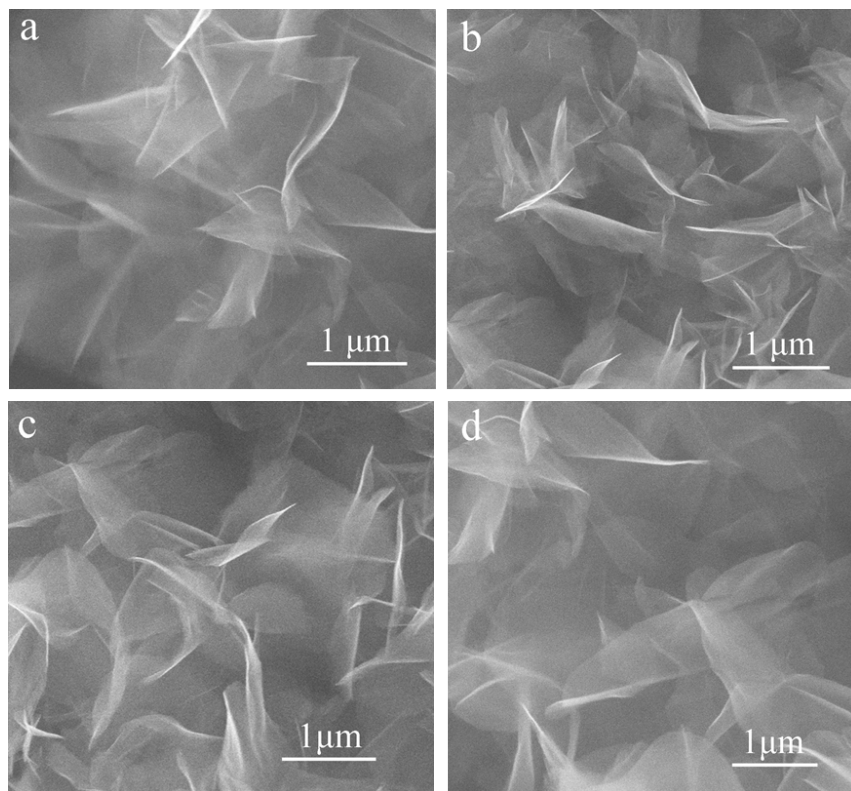


Fig. S2 SEM images with high magnification for QTD0(a), QTD10(b), QTD20(c), QTD40(d).

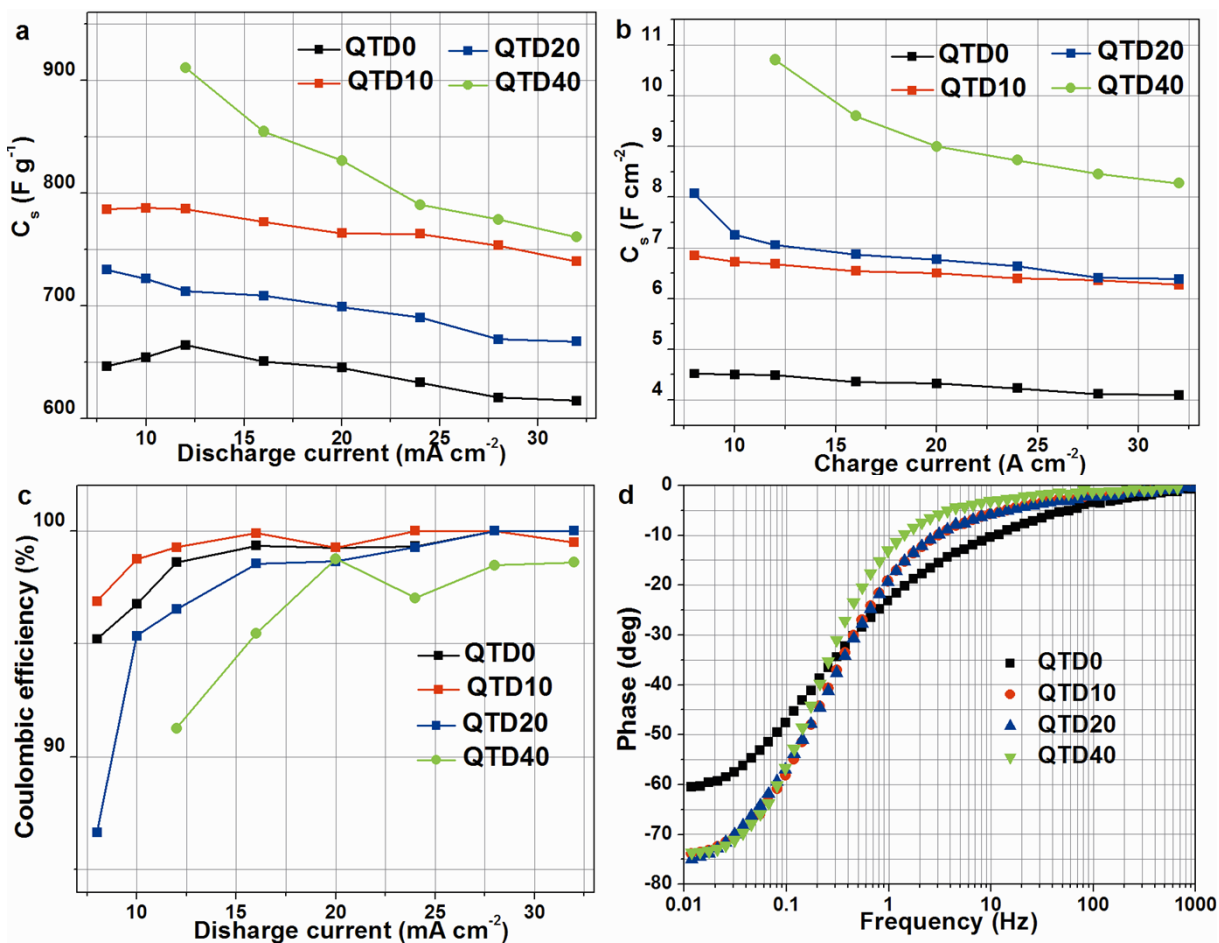


Fig. S3. (a) Specific capacitance ($F g^{-1}$) versus current density. (b) Specific charge capacitance ($F cm^{-2}$) versus current density. (c) Coulombic efficiency versus current density. (d) EIS from 10 mHz to 1000 Hz at 0 V.

Table S1. Result for the linear fitting of the variation of the cathodic peak potential with the scan rate.

Slope		Intercept	
Value	Error	Value	Error
-0.19273	0.02186	0.39466	0.02692
-0.21426	0.01577	0.4202	0.01942
-0.18352	0.02117	0.37433	0.02607
-0.15138	0.00664	0.32783	0.00818