Supplementary Information

Controllable preparation of NiO macrotubes from NiC₂O₄ and its application in supercapacitors

Fan Lei, Tang Le and Guo Rong*

Fig. S1 XRD pattern of the as-prepared NiC₂O₄ microtube.

Fig. S2 FE-SEM images of the NiC₂O₄ samples at different temperatures (°C): (a) 100; (b) 140; (c) 160; (d) 180.
Fig. S3 FE-SEM images of the NiC$_2$O$_4$ samples synthesized by reflux method.

Fig. S4 FE-SEM image of the products obtained at different molar ratio of NiSO$_4$ and Na$_2$C$_2$O$_4$: a 1:1 b 1:2 c 1:4 d 1:5.
Fig. S5 XRD pattern of the NiO samples obtained at different temperature.

Fig. S6 FE-SEM images of the NiO sample obtained at different temperature(°C) : (a)350 (b) 450 (c,d) 550.

Fig. S6 FE-SEM images of the NiO sample obtained at different temperature(°C) : (a)350 (b) 450 (c,d) 550.
Fig. S7 FE-SEM images of the NiO samples obtained after charge/discharge for 1000 cycles.