Supporting Information

Shape-controlled Synthesis of Porous Carbons for Flexible Asymmetric Supercapacitors

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Fig. S1. SEM image of the precursor.
Fig. S2 (a) SEM image of NPC-700-0 and (b) SEM image of NPC-600-1.
Fig. S3. TG curve of NPCs under an N₂ atmosphere.
Fig. S4 Fitted Raman spectra of (a) NPC-700-0. (b) NPC-700-1. (c) NPC-700-0.5. (d) NPC-700-2. (e) NPC-800-1 and (f) NPC-600-1.
Fig. S5 High-resolution XPS (a) C 1s, (b) N 1s, and (c) O 1s spectra of NPC-700-0. High-resolution
XPS (d) C 1s, (e) N 1s, and (f) O 1s spectra of NPC-700-1. High-resolution XPS (g) C 1s, (h) N 1s, and (i) O 1s spectra of NPC-700-0.5. High-resolution XPS (j) C 1s, (k) N 1s, and (l) O 1s spectra of NPC-700-2. High-resolution XPS (m) C 1s, (n) N 1s, and (o) O 1s spectra of NPC-800-1. High-resolution XPS (p) C 1s, (q) N 1s, and (r) O 1s spectra NPC-600-1.

Fig. S6 (a) CV curve of Ni foam. (b) CV curves of NPC-700-0 at different scan rates. (c) CV curves of NPC-700-0.5 at different scan rates. (d) CV curves of NPC-700-2 at different scan rates. (e) CV curves of NPC-800-1 at different scan rates and (f) CV curves of NPC-600-1 at different scan rates.
Fig. S7 The galvanostatic charge–discharge curves at current densities ranging from 1 to 10 A g⁻¹. (a) NPC-700-0. (b) NPC-700-1. (c) NPC-700-0.5. (d) NPC-800-1 and (e) NPC-600-1.
Fig. S8 Typical XRD patterns of the NiCo$_2$O$_4$. 
**Fig. S9** SEM images of NiCo$_2$O$_4$. 
Fig. S10 (a) GCD curves of NiCo$_2$O$_4$ at current density of 5, 10 and 20 A g$^{-1}$. (b) CV curves of the device at different scan voltage windows and (c) GCD curves of the device at different voltage windows.