Supporting Information

Synthesis of novel bimetallic nickel cobalt telluride nanotubes on nickel foam for high-performance hybrid supercapacitors

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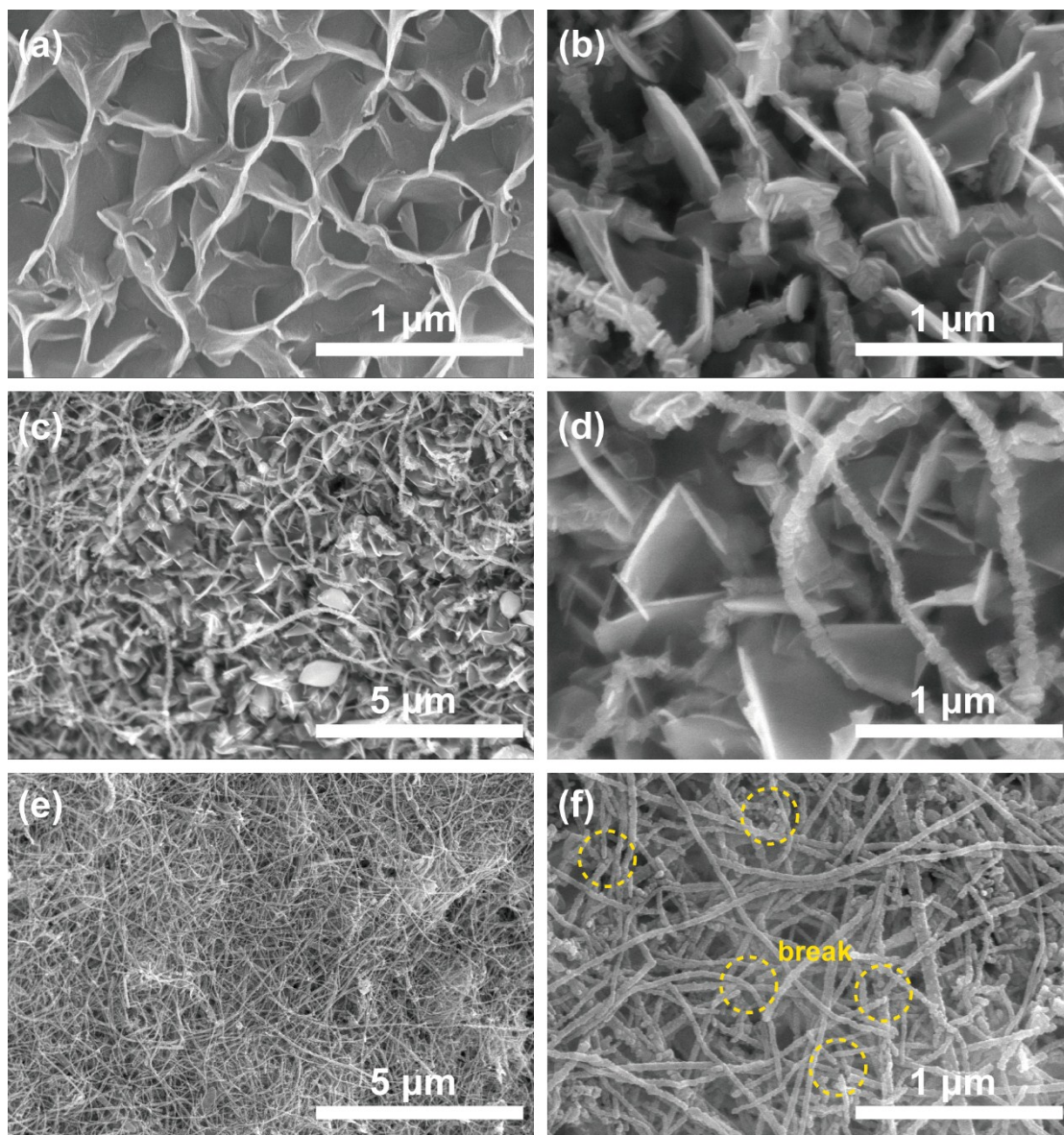
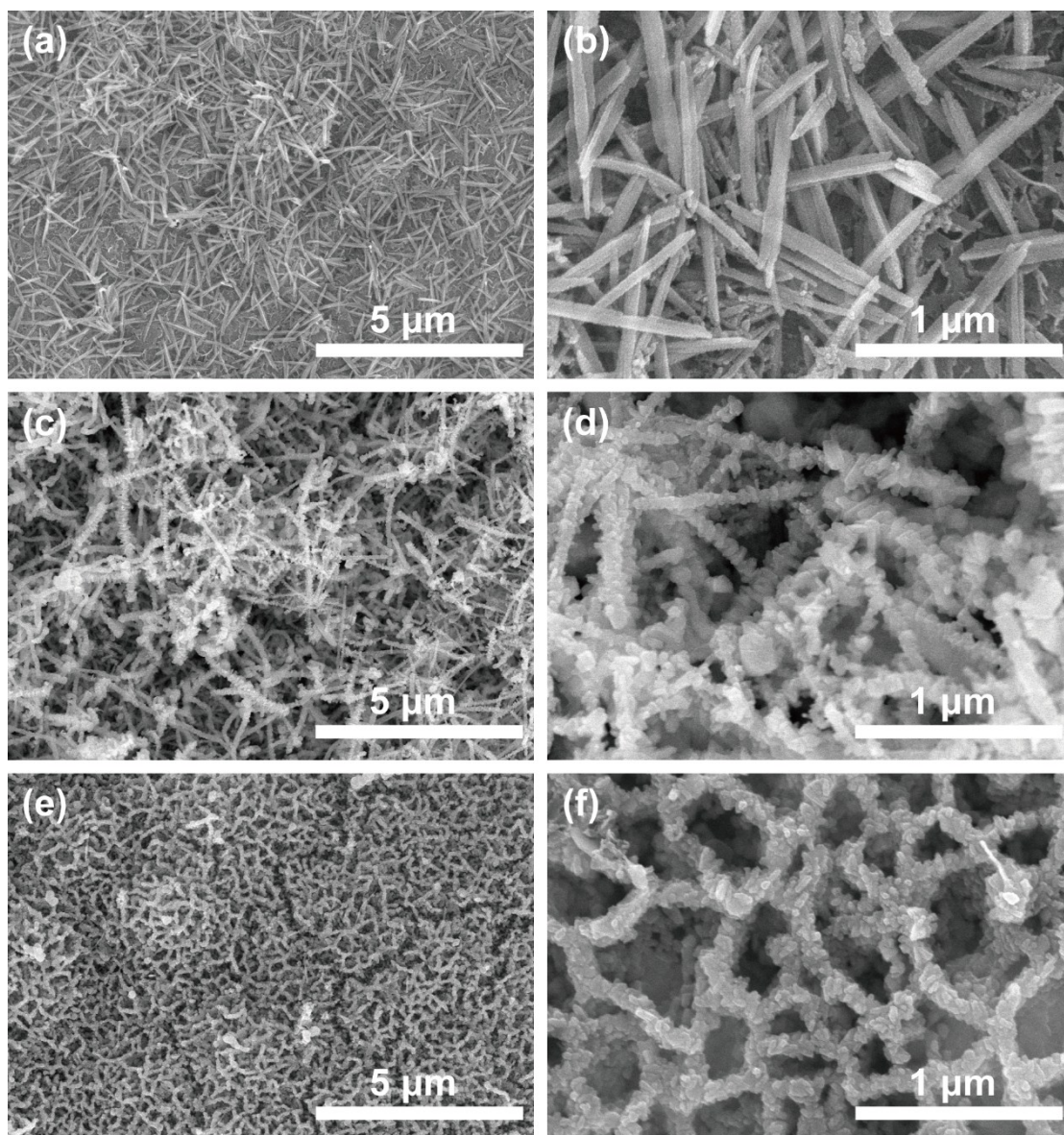**Fig. S1**. SEM images of (a) Ni-Co precursor, (b) RS-8h, (c, d) RS-10 h. (e, f) RS-15 h.

Fig. S2. SEM images of nickel cobalt telluride with different reaction concentration of Na$_2$TeO$_3$ (a, b) RS-0.5 mM, (c, d) RS-3 mM, (e, f) RS-5 mM.

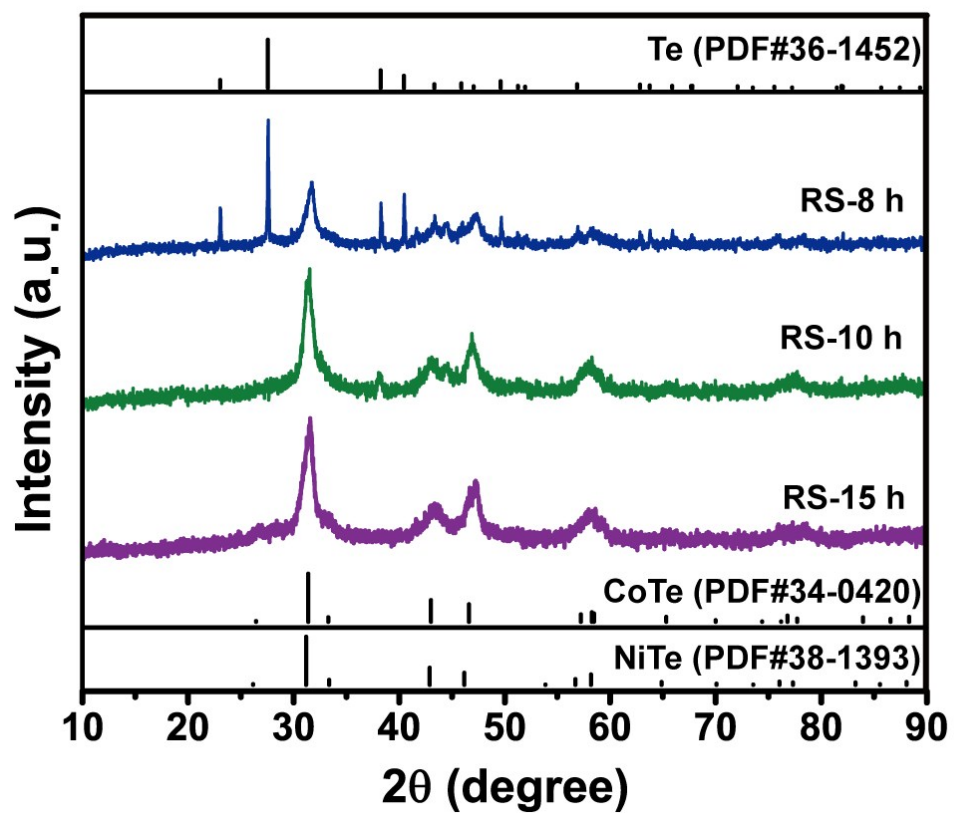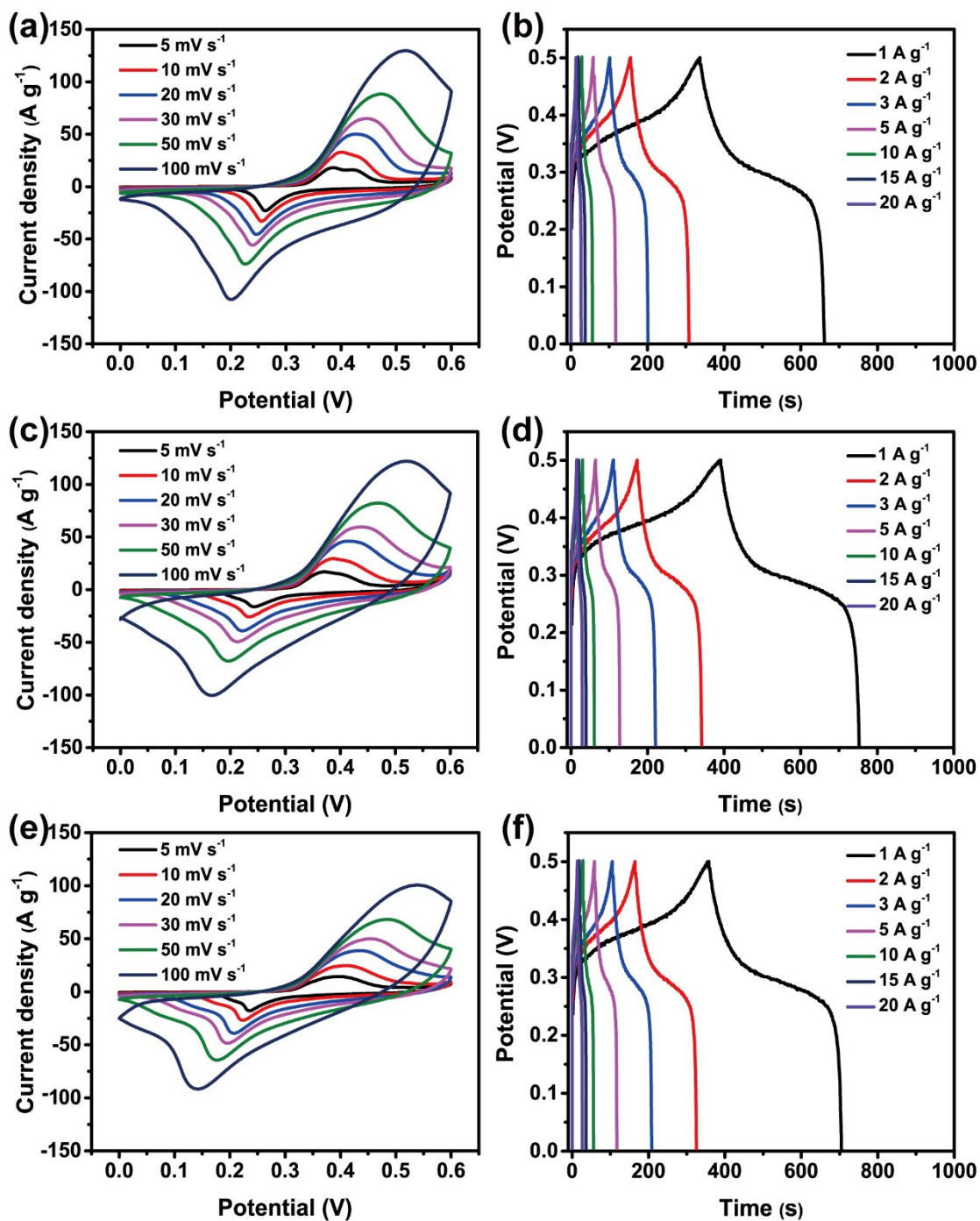**Fig. S3**. XRD patterns of nickel cobalt tellurides with different reaction times.

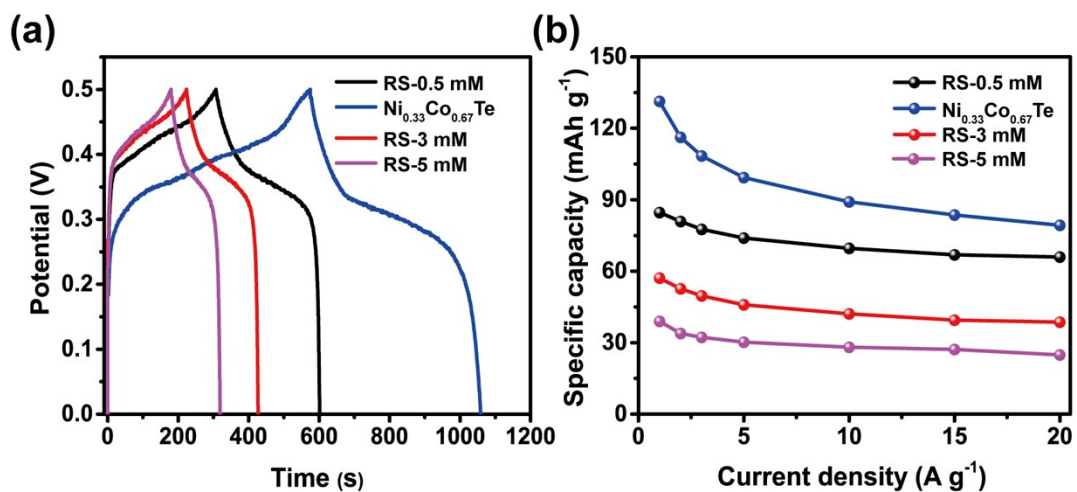**Fig. S4**. CV and GCD curves of (a, b) RS-8 h, (c, d) RS-10 h, (e, f) RS-15 h.

Fig. S5. (a) GCD curves of nickel cobalt telluride with different reaction concentration of Na$_2$TeO$_3$. (b) Specific capacities of different electrodes at various current densities.
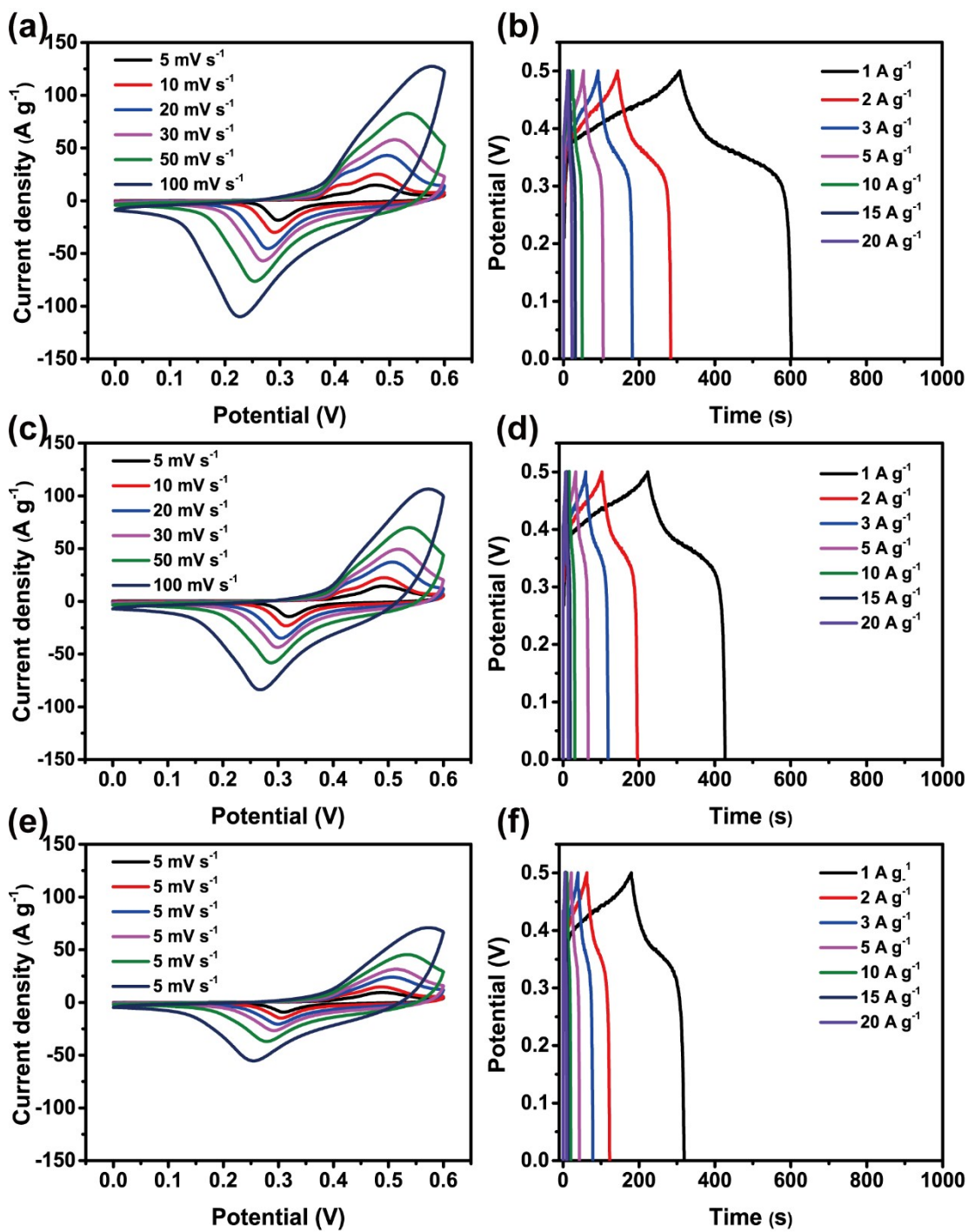
Fig. S6. CV and GCD curves of (a, b) RS-0.5 mM, (c, d) RS-3 mM, (e, f) RS-5 mM.
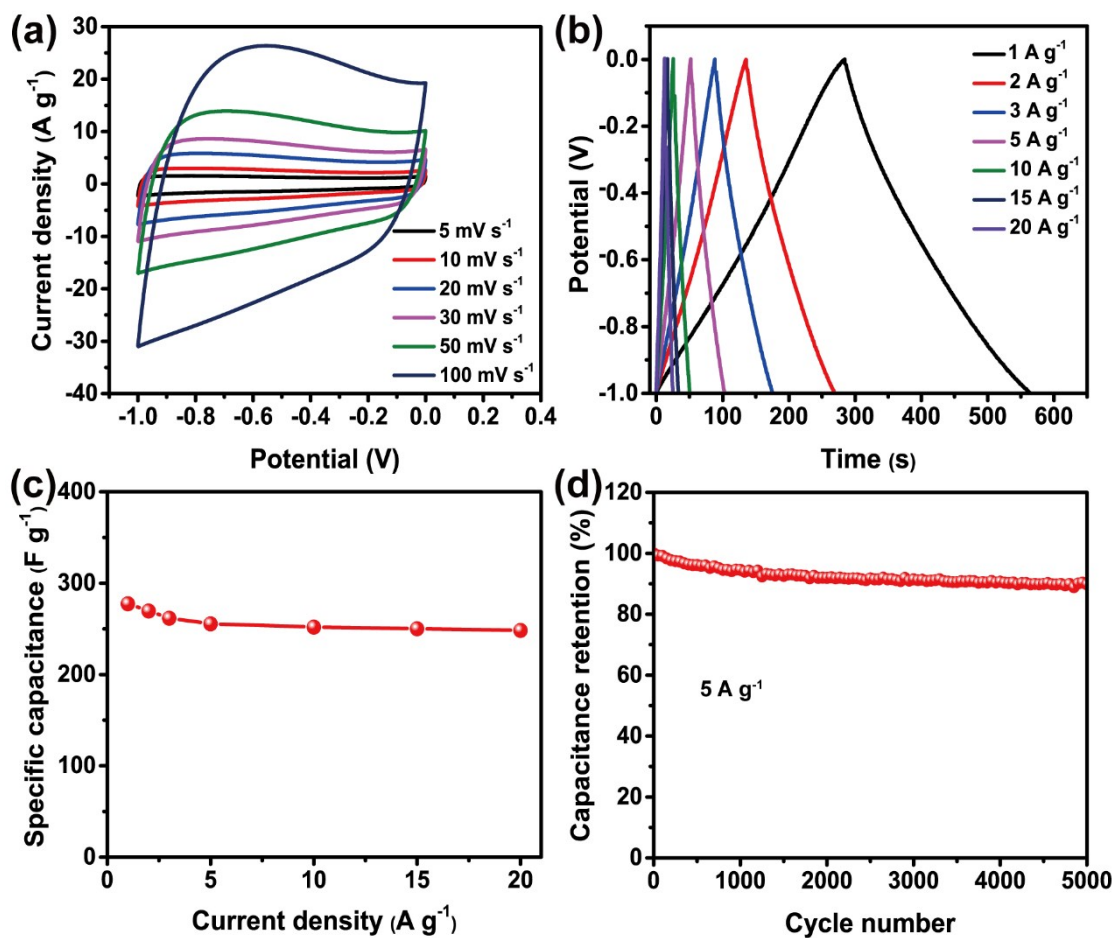
Fig. S7. (a) CV curves of AC at different scans. (b) GCD curves of AC at different current densities, and (c) corresponding discharge specific capacitance. (d) Cycling performance of the AC electrode at the current density of 5 A g^{-1}.

Table S1. Experimental parameters for different samples

Samples	Concentration of Na_2TeO_3 (mmol L^{-1})	Time (h)
$Ni_{0.33}Co_{0.67}Te$	1	12
RS-8 h	1	8
RS-10 h	1	10
RS-15 h	1	15
RS-0.5 mM	0.5	12
RS-3 mM	3	12
RS-5 mM	5	12