

## **Supporting Information:**

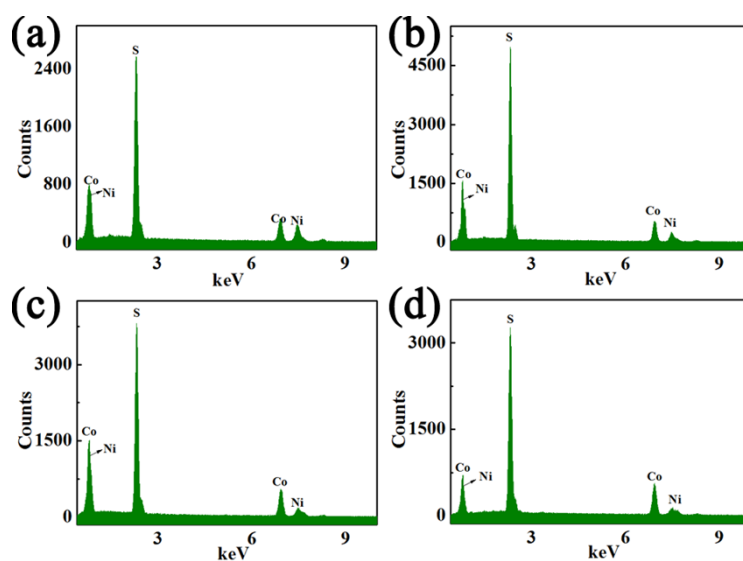
**Controllable synthesis of  $\text{Ni}_{3-x}\text{Co}_x\text{S}_4$  nanotube arrays with different aspect ratios grown on carbon cloth for high-capacity supercapacitors**

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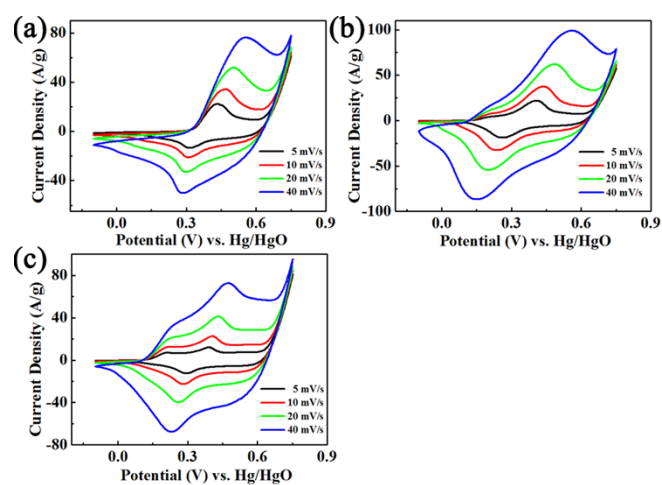
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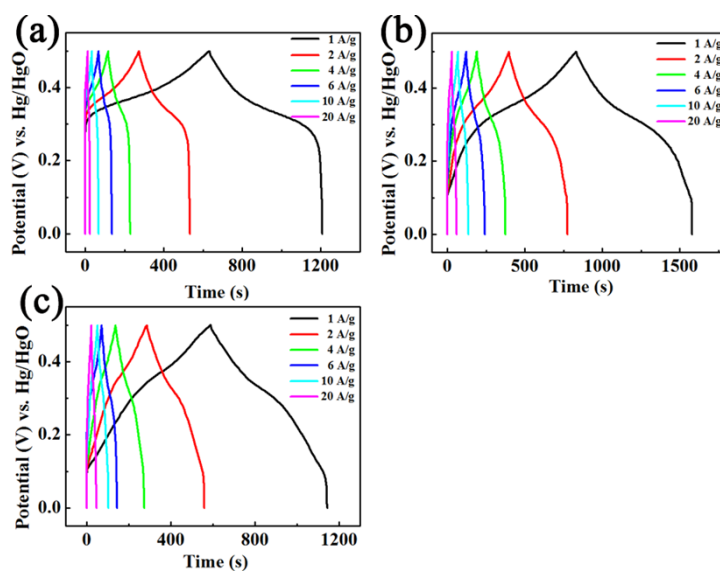
**Fig. S1** EDX of Ni-Co sulfides, (a) Co-1.5, (b) Co-2, (c) Co-2.25, (d) Co-2.5.

Table S1. EDX analysis results of the Co, Ni and S in the prepared Co-x

	Molar ratio in hydrothermal synthesis ( $\text{Ni}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$ and $\text{Co}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$ )	Molar ratio in Co-x (Ni : Co : S)
Co-1.5	1:1	20:21:59
Co-2	1:2	14:29:57
Co-2.25	1:3	10:31:59
Co-2.5	1:5	8:37:55



**Fig. S2** Cyclic voltammety curves of the Co-x at different scan rates in 3M KOH aqueous solution, respectively. (a) Co-1.5, (b) Co-2, (c) Co-2.5.



**Fig. S3** (a), (b), (c) Charge and discharge curves for Co-1.5, Co-2, and Co-2.5 at current densities from 1 to 20 A/g in 3M KOH aqueous solution, respectively.