

Supporting Information

### Facile synthesis of novel $\text{CuCo}_2\text{S}_4$ nanospheres for coaxial fiber supercapacitors

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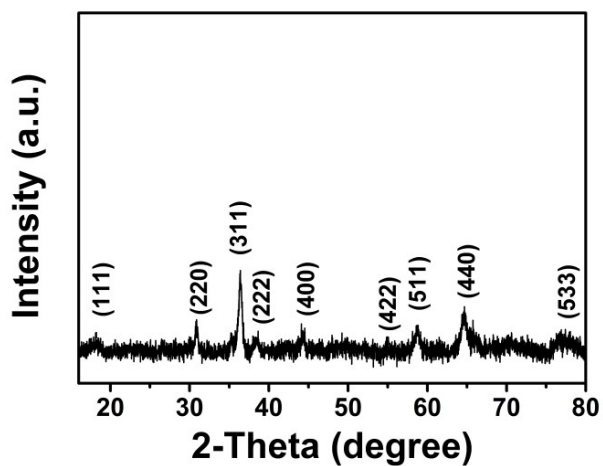


Figure S1. XRD pattern of as-fabricated  $\text{CuCo}_2\text{O}_4$  sample.

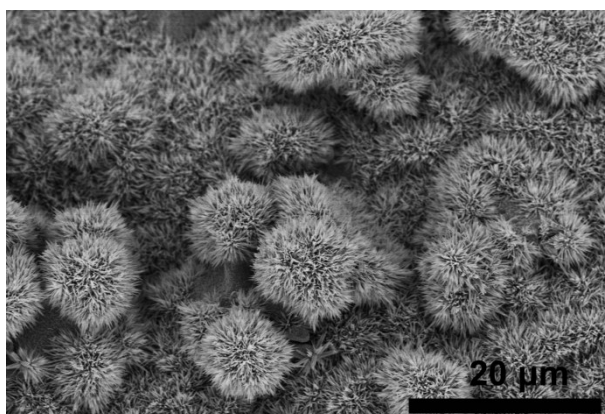


Figure S2. The SEM of the  $\text{CuCo}_2\text{O}_4$  when the urea is 7 mmol.



Figure S3. The photos of pure Ti wire,  $\text{CuCo}_2\text{O}_4/\text{Ti}$  and  $\text{CuCo}_2\text{S}_4/\text{Ti}$ , respectively.

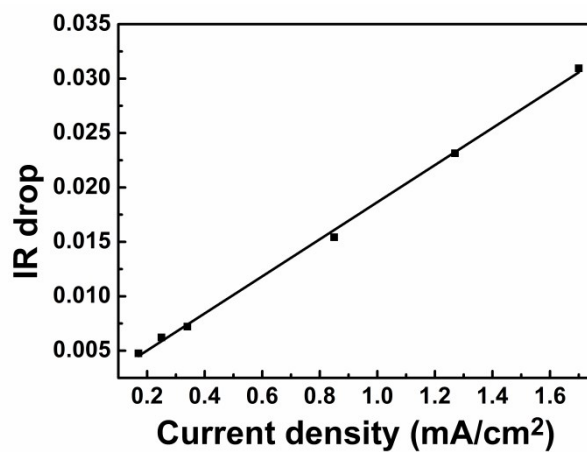


Figure S4. IR drop as a function of current density.

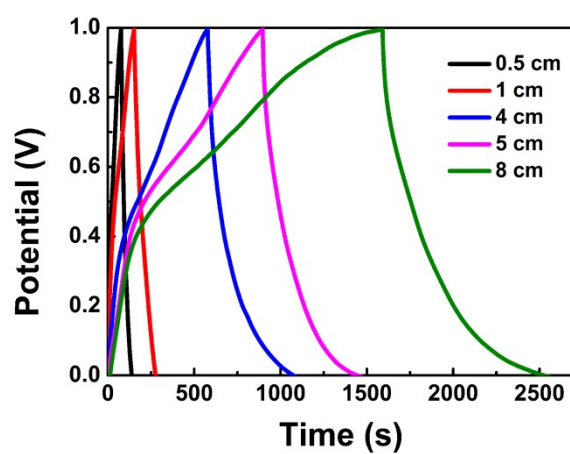


Figure S5. The galvanostatic charge-discharge curves of the fiber SC with different length.

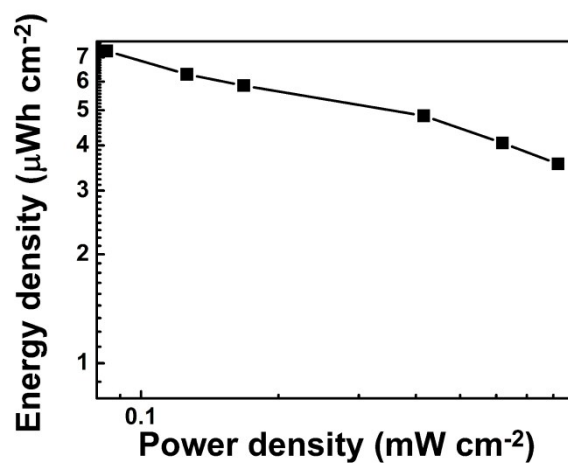


Figure S6. Ragone plot.

