

Support Information

Construction of $\text{CuCo}_2\text{O}_4@\text{CuCo}_2\text{O}_4$ hierarchical nanowire arrays grown on Ni foam for high-performance supercapacitors

Yan Zhang, Jie Xu*, Yayun Zheng, Yingjiu Zhang*, Xing Hu, Tingting Xu

School of Physical Engineering and Key Laboratory of Material Physics, Ministry of Education,

Zhengzhou University, NO. 75, Daxue Road, Zhengzhou 450052, China

* Corresponding author: Tel. +86 371 67766870, Fax. +86 371 67766629

E-mail address: xujie@zzu.edu.cn; zhangyj2006@zzu.edu.cn

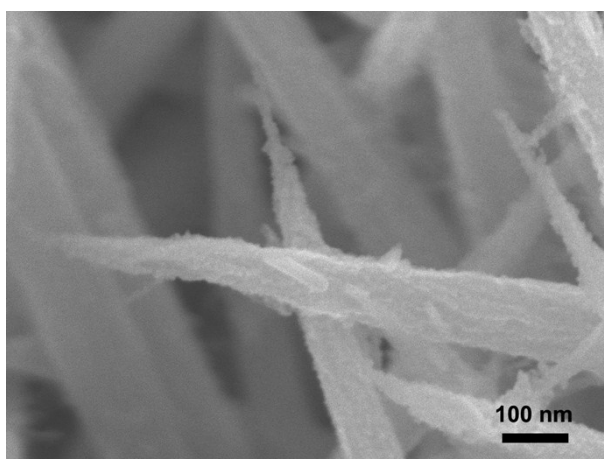


Fig. S1. High magnification SEM image of $\text{CuCo}_2\text{O}_4@\text{CuCo}_2\text{O}_4$ hierarchical nanowire arrays on Ni foam.

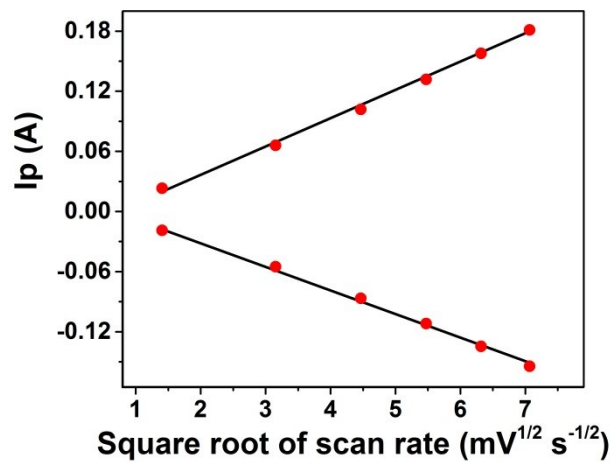


Fig. S2 Plots of peak current vs. the square root of scan rate of CV curves of $\text{CuCo}_2\text{O}_4@\text{CuCo}_2\text{O}_4$ electrode at different scan rates.

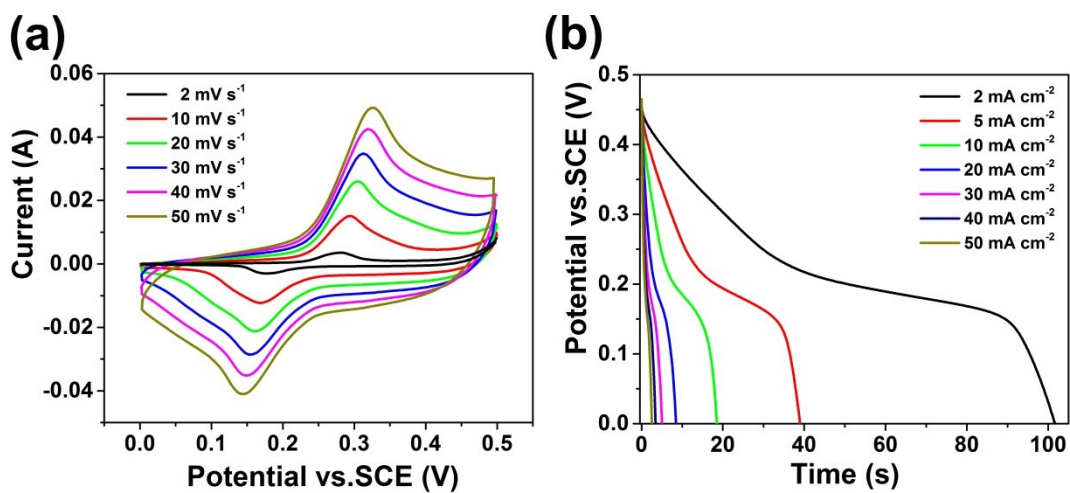


Fig. S3 (a) CV curves of the CuCo_2O_4 electrode at various scan rate. (b) Galvanostatic charge-discharge curves of the CuCo_2O_4 electrode at various current densities.

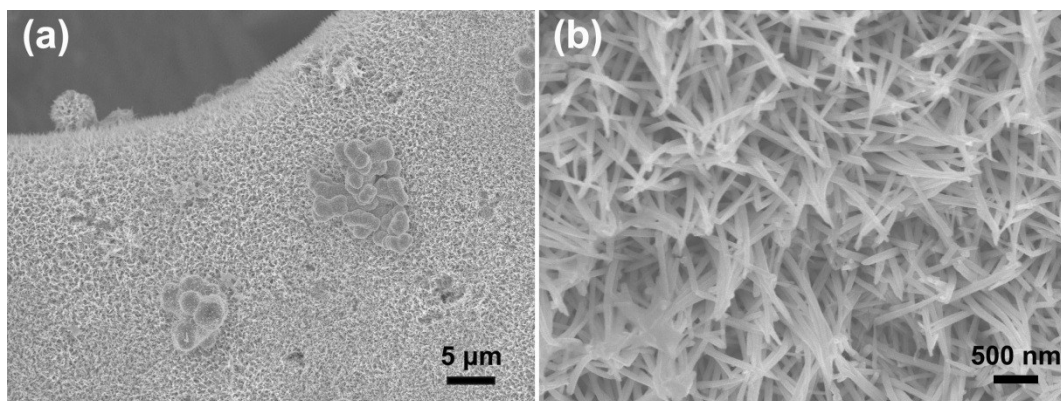


Fig. S4 Typical SEM images the CuCo₂O₄ electrode (a) and (b) after 2000 cycles at different magnifications.

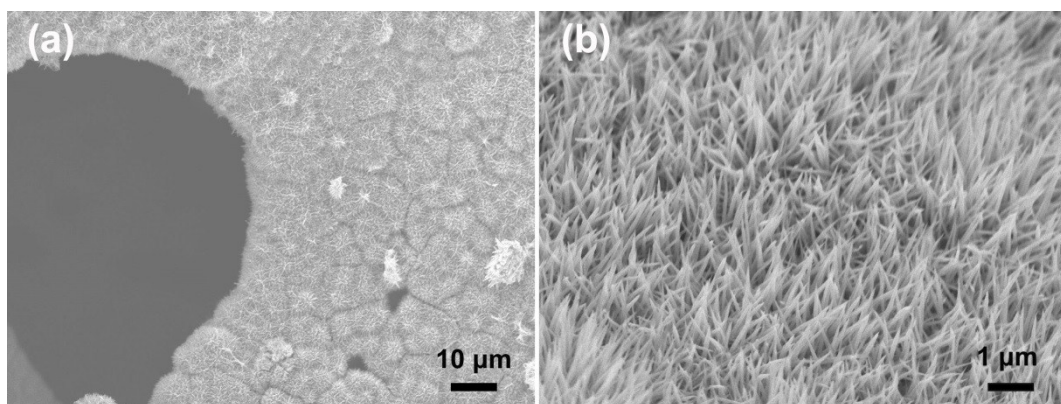


Fig. S5 Typical SEM images the CuCo₂O₄@CuCo₂O₄ electrode (a) and (b) after 2000 cycles at different magnifications.