

Electronic Supplementary Material (ESI) for New Journal of Chemistry

## Supporting Information

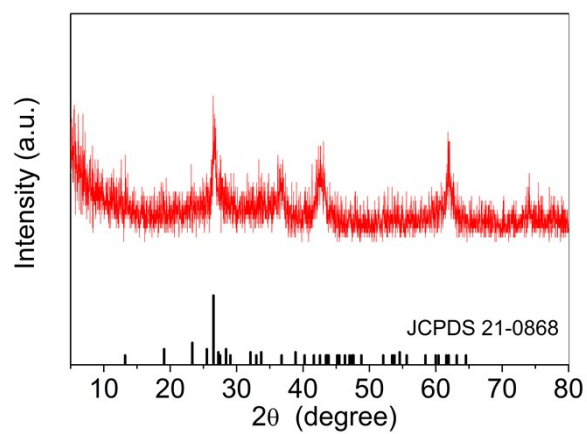
Self-assembly of ultrathin mesoporous  $\text{CoMoO}_4$  nanosheets  
networks on flexible carbon fabric as a binder-free anode for  
lithium-ion batteries

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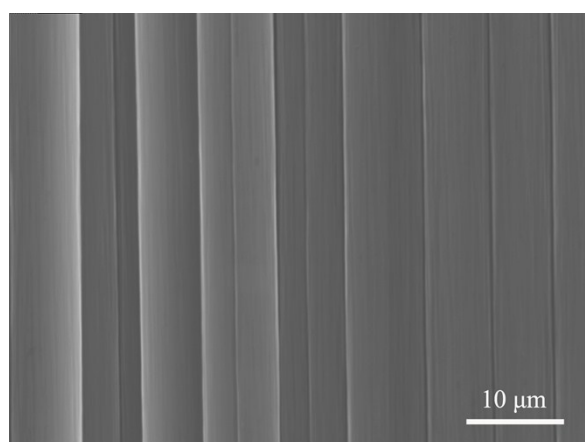
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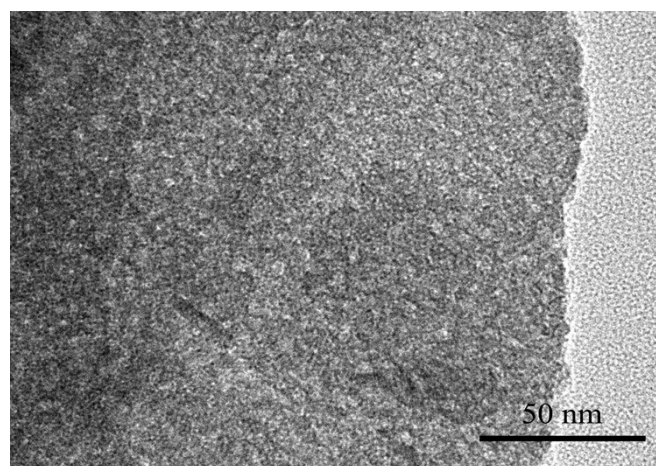
E-mail address: [songmei\\_li@buaa.edu.cn](mailto:songmei_li@buaa.edu.cn).



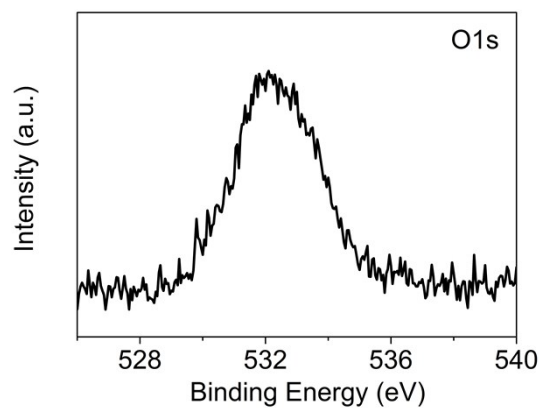
**Figure S1.** The typical XRD pattern of  $\text{CoMoO}_4$  powders.



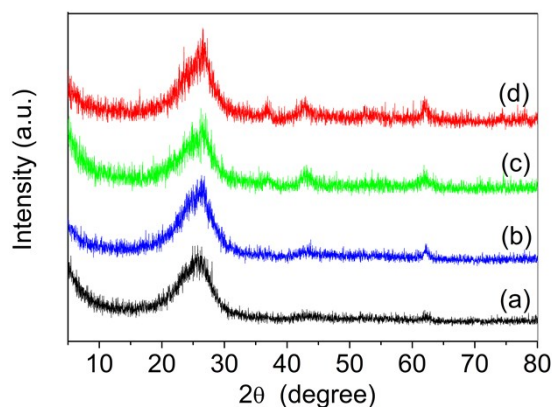
**Figure S2.** SEM images of the carbon fabric.



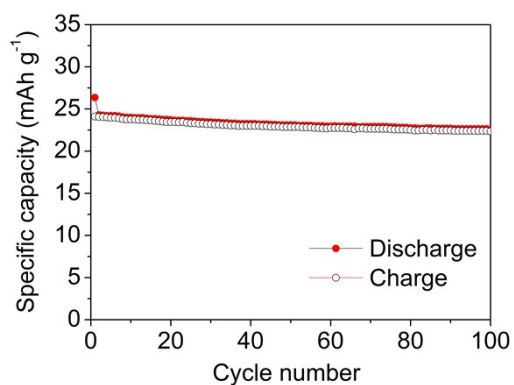
**Figure S3.** The higher magnification TEM image of the  $\text{CoMoO}_4$  nanosheets revealing the mesoporous feature.



**Figure S4.** XPS spectra of O 1s for CoMoO<sub>4</sub>/carbon fabric composites.



**Figure S5.** XRD patterns of CoMoO<sub>4</sub>/carbon fabric composites obtained at different hydrothermal growth times: (a) 0.5 h, (b) 2 h, (c) 4 h, and (d) 6 h.



**Figure S6.** Cycling performance of carbon fabric at a current density of 200 mA g<sup>-1</sup>.