

## **Supplementary information**

### **Facile synthesis of porous CoFe<sub>2</sub>O<sub>4</sub> nanosheets for lithium-ion battery anodes with enhanced rate capability and cycling stability**

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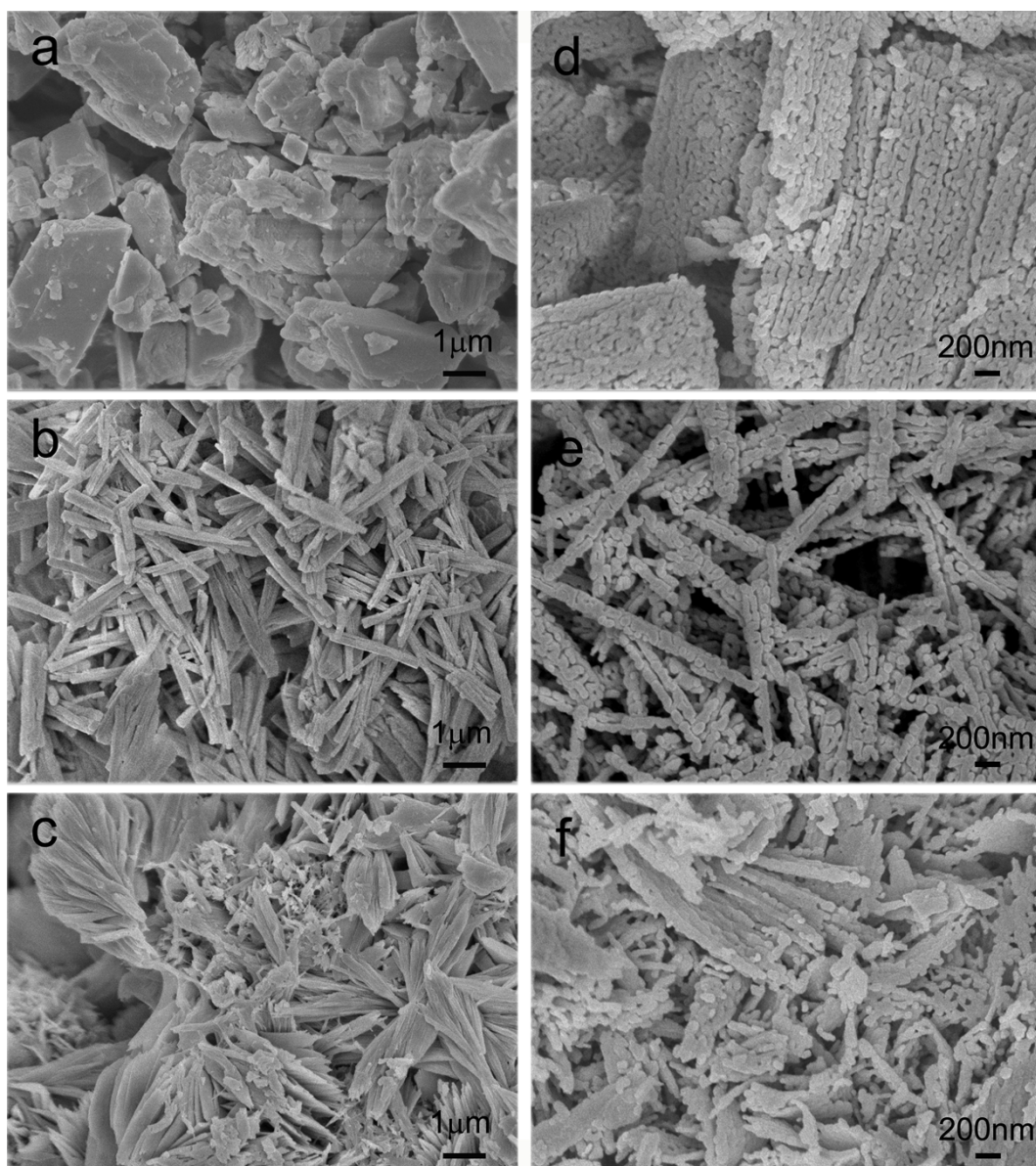


Figure S1 SEM images of  $(\text{CoFe}_2)_{1/3}\text{C}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$  synthesized with various PVA aqueous solution concentrations: (a) 0 wt%, (b) 0.15 wt% and (c) 1.5 wt%; (d-f) are the corresponding  $\text{CoFe}_2\text{O}_4$  calcinated at  $600^\circ\text{C}$ .

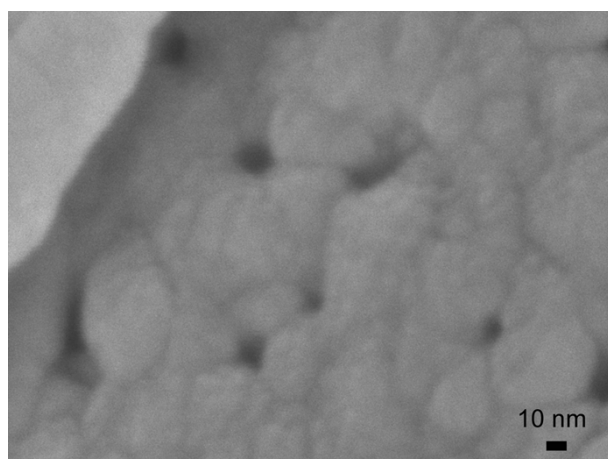


Figure S2 A high-magnification SEM image of the porous  $\text{CoFe}_2\text{O}_4$  nanosheets.