

Supplementary Information for

**Exfoliated-SnS<sub>2</sub> Restacked on Graphene as High-Capacity,  
High-Rate, and Long-Cycle Life Anode for Sodium Ion Batteries**

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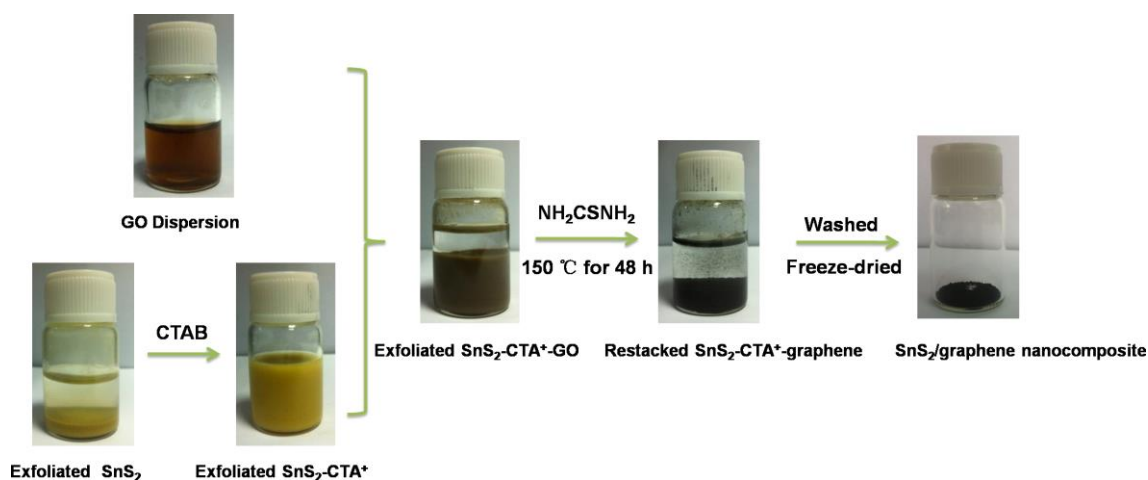
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Collaborative Innovation Center of Chemical Science and Engineering (Tianjin);

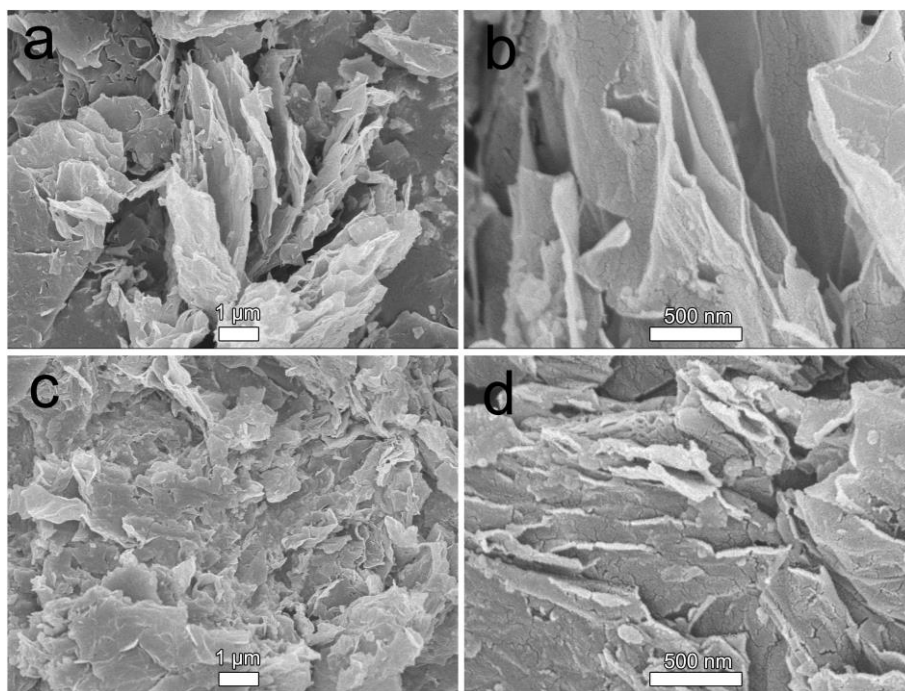
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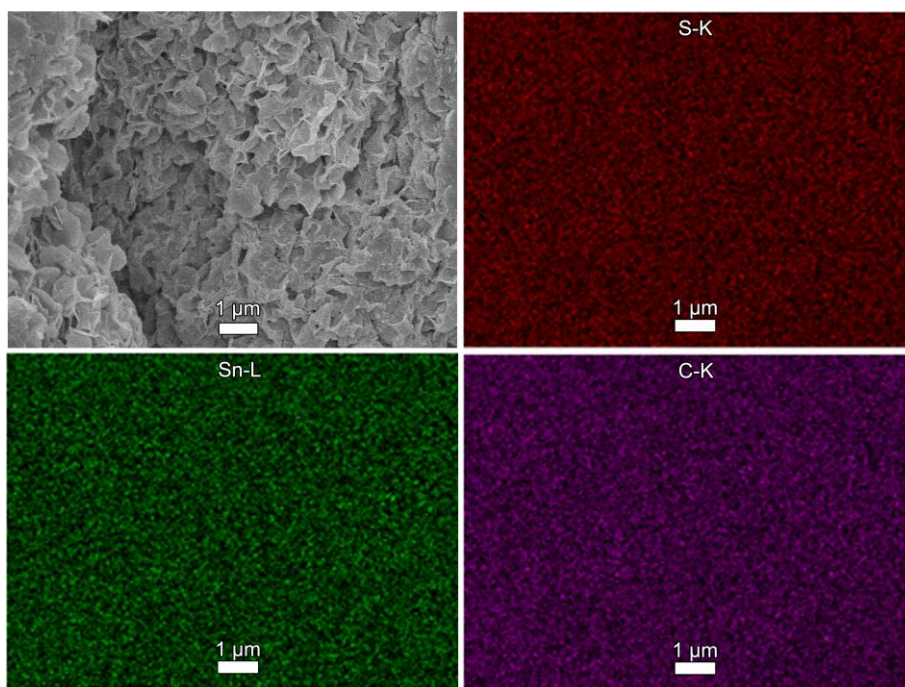
**Supplementary Figures**



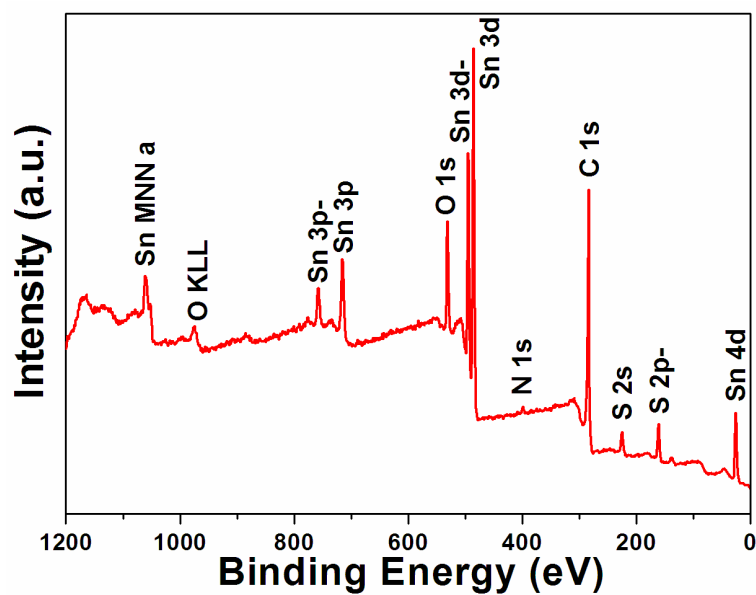
**Scheme S1** Schematic illustration of the fabrication process for SnS<sub>2</sub>/graphene nanocomposite with digital photographs.



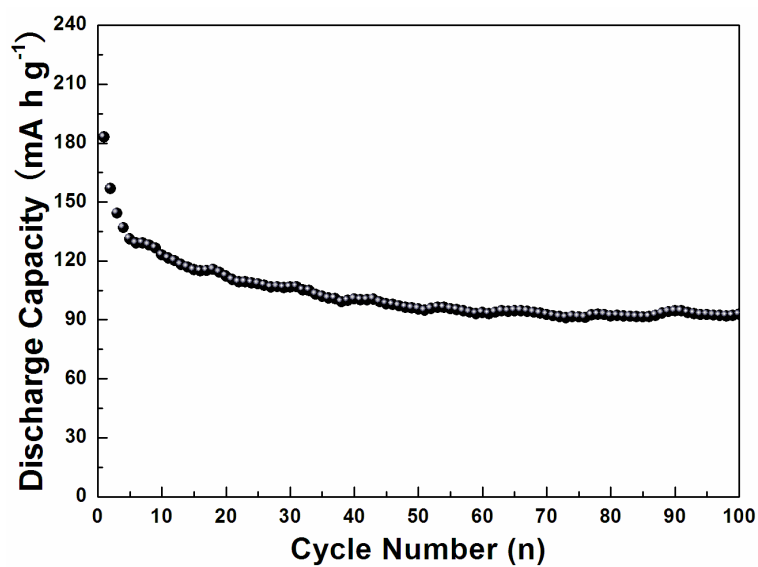
**Fig. S1** SEM images of (a, b)  $\text{SnS}_2/\text{G-10}$  composite, (c, d)  $\text{SnS}_2/\text{G-30}$  composite.



**Fig. S2** SEM EDS mapping images of  $\text{SnS}_2/\text{G-20}$  nanocomposite.



**Fig. S3** Survey XPS spectrum of SnS<sub>2</sub>/G-20 nanocomposite.



**Fig. S4** Cycling behavior of pure graphene obtained by a hydrothermal method employing GO and NH<sub>2</sub>CSNH<sub>2</sub> as the starting materials (as Na-storage anode, current density = 200 mA g<sup>-1</sup>).