

## Supporting information

### 3D- engineered WO<sub>3</sub> microspheres assembled by 2D nanosheets with superior sodium storage capacity

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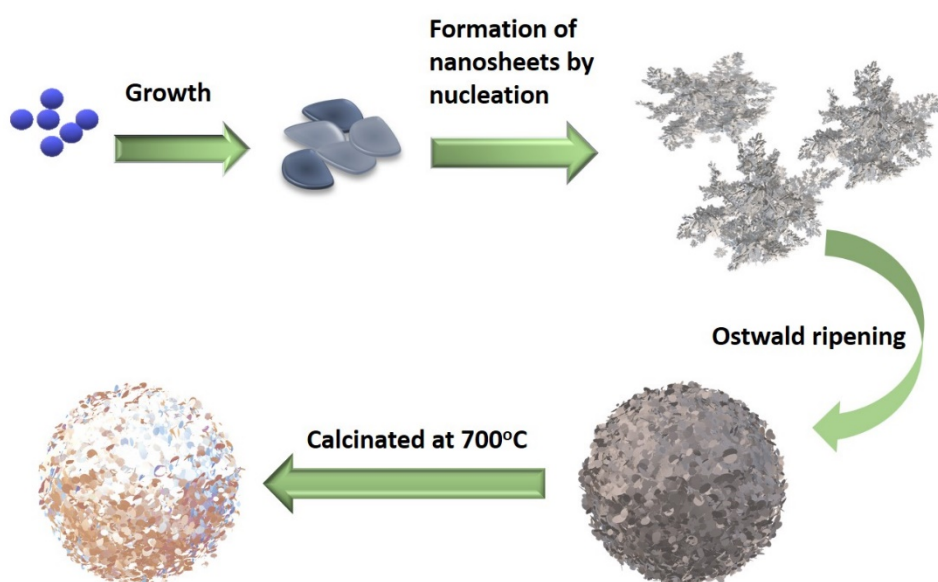


Figure S1. Schematic illustration of the WO<sub>3</sub> microspheres formation.

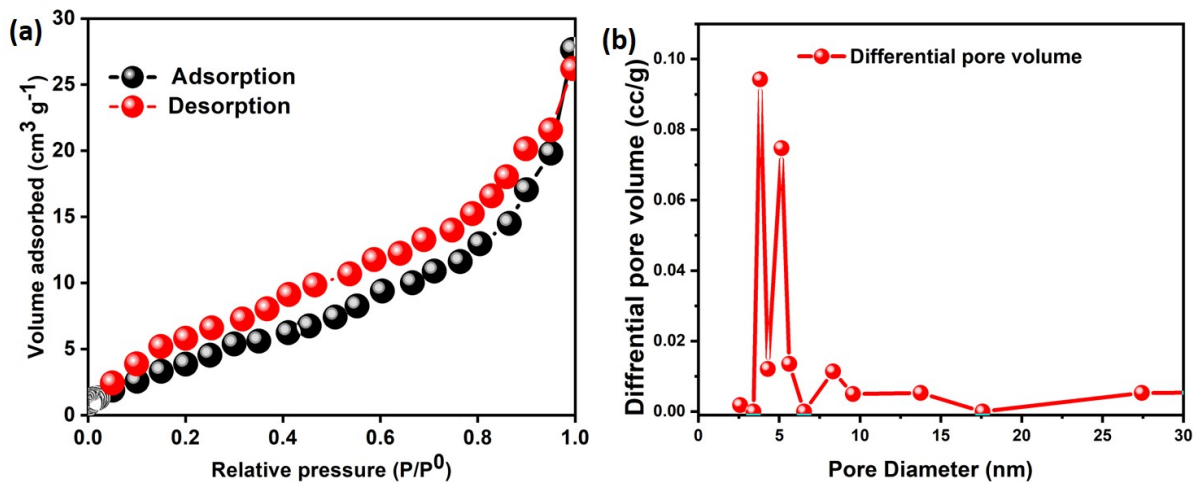


Figure S2. (a) Nitrogen adsorption-desorption isotherm curve of  $\text{WO}_3$ . (b) Pore size distribution plot of  $\text{WO}_3$ .

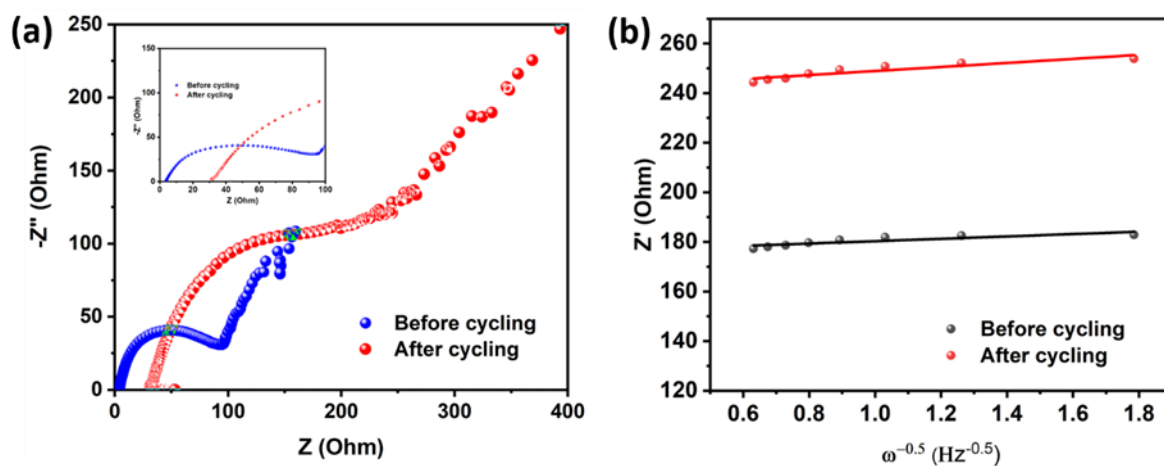


Figure S3. (a) Nyquist plot for  $\text{WO}_3$  before and after cycling. (b) Corresponding linear fitting results at low frequency

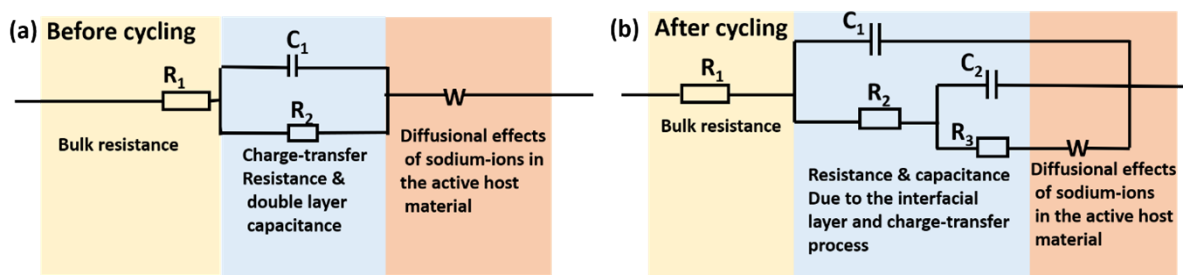


Figure S4. Equivalent circuit for fit the EIS (a) Before cycling and (b) After cycling.

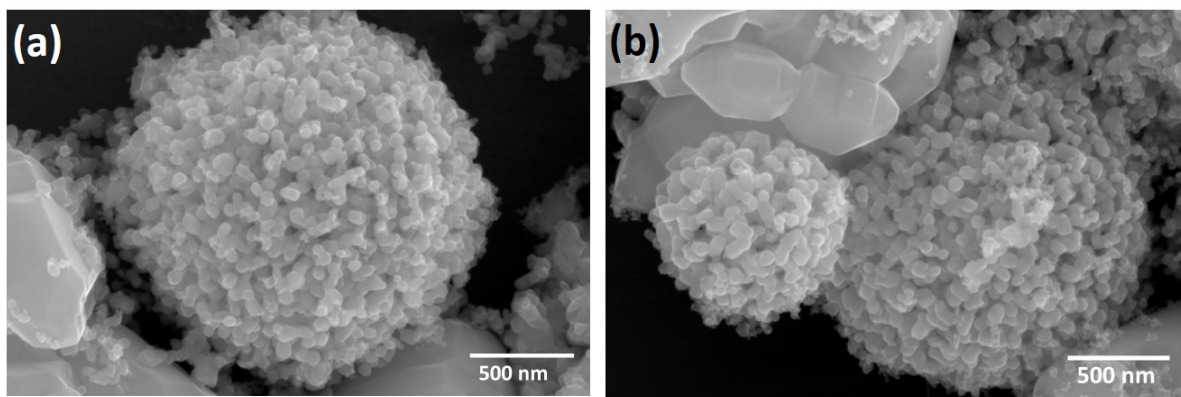


Figure S5. (a and b) HRSEM image of the electrode material after cycling.