

Supplementary material

**Anchoring Carbon Layers and Oxygen Vacancies
enable WO_{3-x}/C Electrode with High Specific
Capacity and Rate Performance for Supercapacitor**

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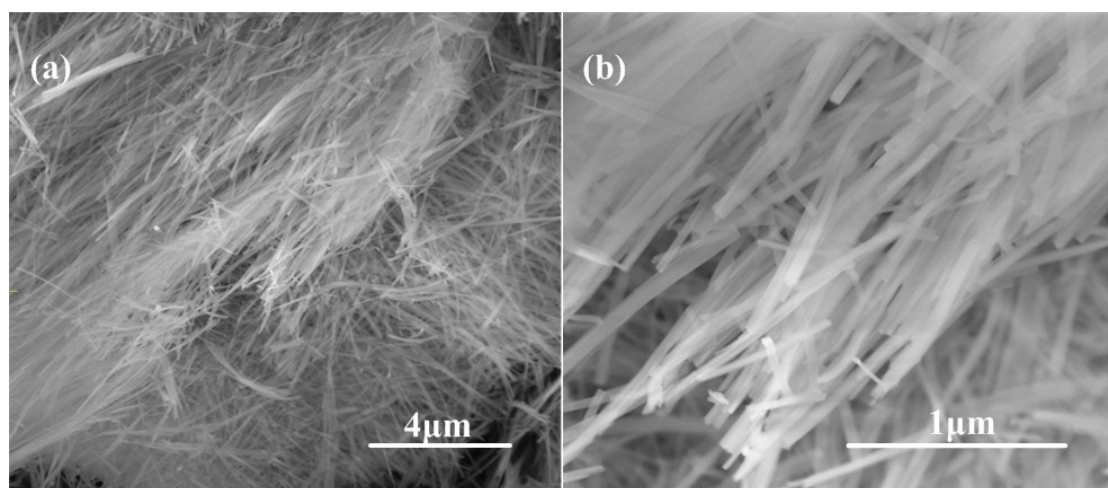


Figure S1. (a, b) SEM images of different magnifications of WO_3 -EDA organic-inorganic hybrid precursor.

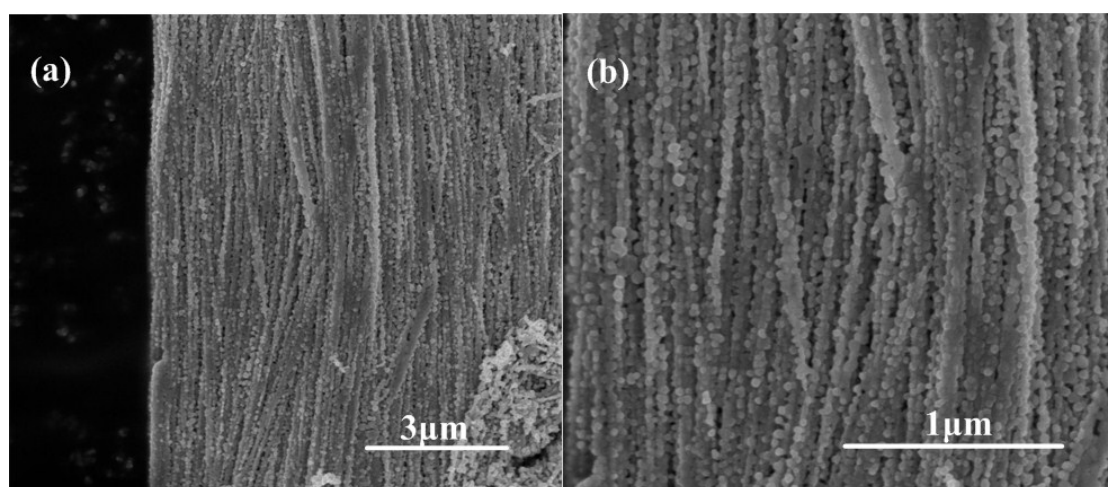


Figure S2. (a, b) SEM images of different magnifications of pure WO_3 nanowires

which achieved by annealing the carbon layers anchored WO_{3-x} nanowires in air.

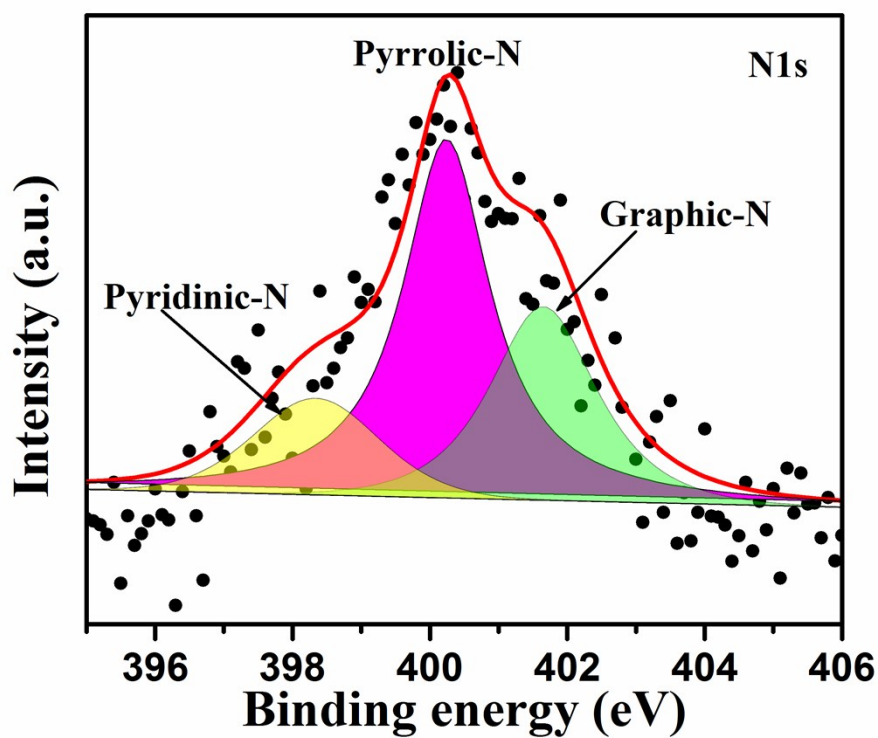


Figure S3. High-resolution N1s spectrum of the carbon layers anchored WO_{3-x} nanowires.