

## Supporten Information

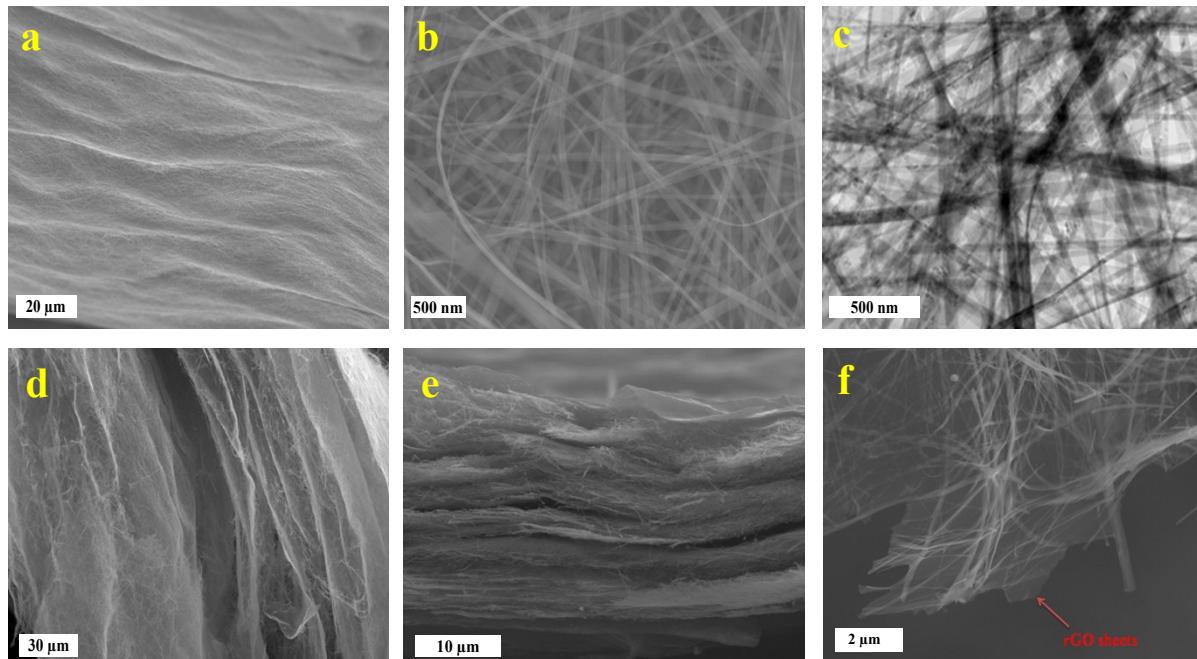
### Ultralight and Flexible Sodium Titanate Nanowire Aerogel with Superior Sodium Storage

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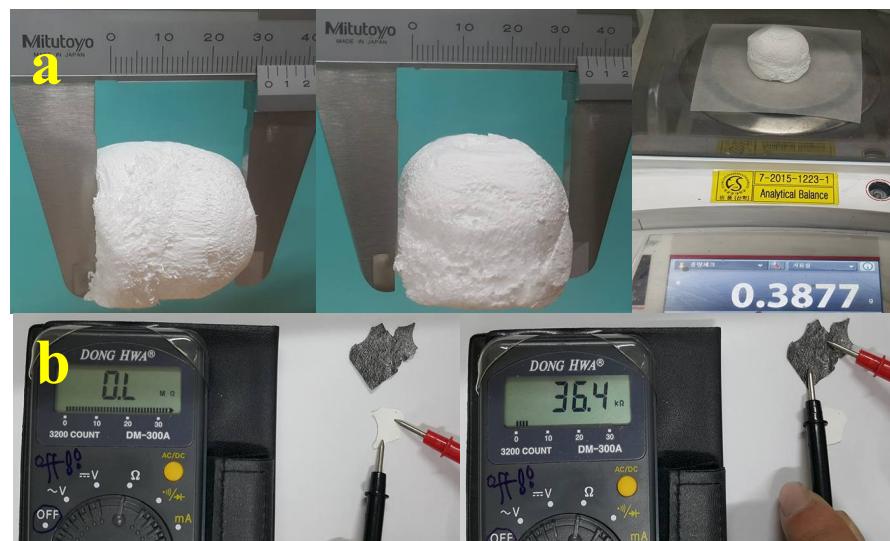
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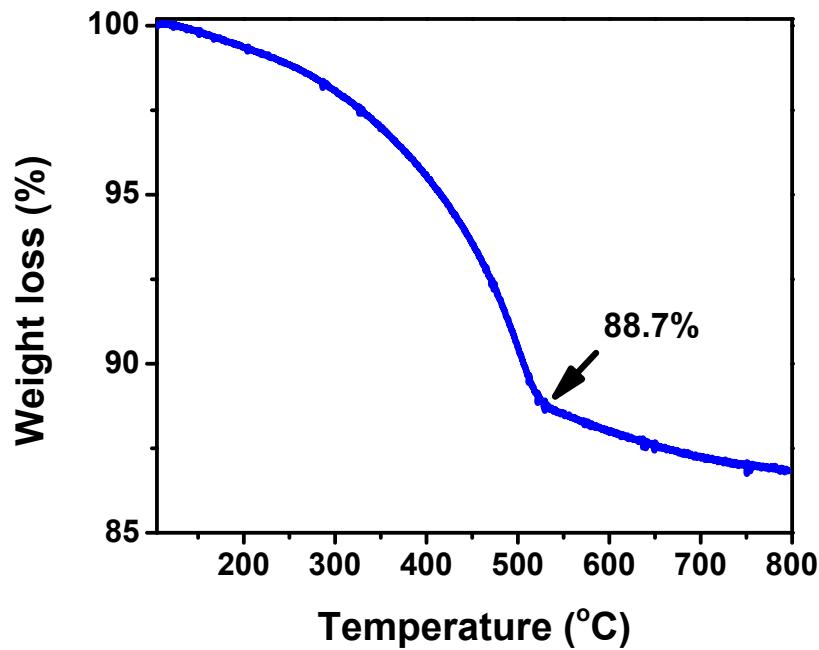
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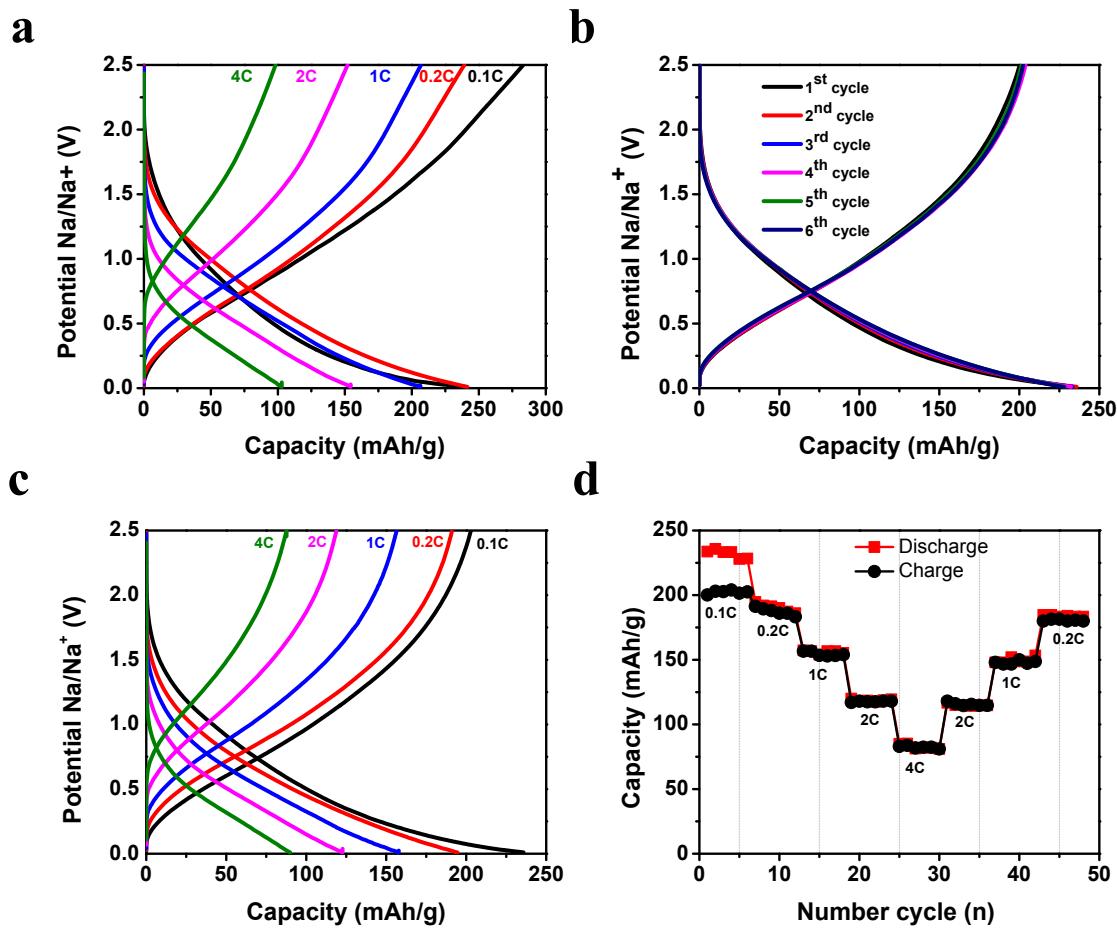
**Figure S1.** (a, b) Top-view SEM images of the 3D pNTO aerogel. (c) TEM image of the 3D pNTO. (d) The cross-sectional SEM image of the 3D NTO@GCS aerogel. (e, f) The cross-sectional and top-view SEM images of the 3D NTO-GP.



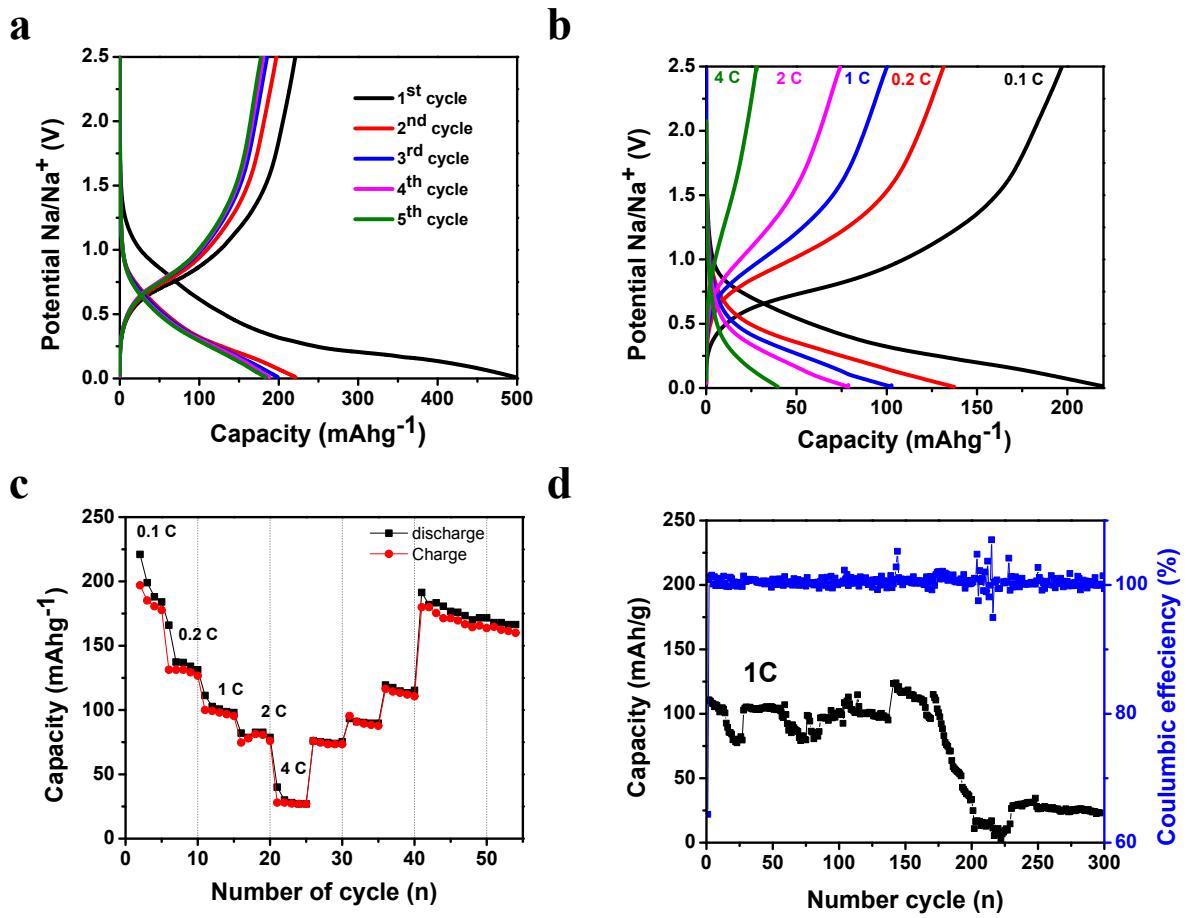
**Figure S2.** (a) The digital photograph shows the density of the pristine 3D pNTO aerogel. (b) The digital photograph shows the increasing electrical conductivity of the 3D NTO-GP after hybridization with rGO.



**Figure S3.** TGA curve of the 3D NTO@GCS aerogel.



**Figure S4.** (a) Galvanostatic charge/discharge profile of the 3D NTO@GCS aerogel at different current densities. (b) Galvanostatic charge/discharge profile of the 3D NTO-GP at a current density of 0.1 C. (c) Galvanostatic charge/discharge profile of 3D NTO-GP at different current densities. (d) Rate performance of 3D NTO-GP at different current densities.



**Figure S5.** (a) Galvanostatic charge/discharge profile of the 3D pNTO aerogel at a current density of 0.1 C. (b) Galvanostatic charge/discharge profile of the 3D pNTO aerogel at different current densities. (c) Rate performance of the 3D pNTO aerogel at different current densities. (d) Long-term cycling performance and Coulombic efficiency of the 3D pNTO aerogel at 1 C.