

Supplementary information

Reduced Graphene Oxide/Titanium Dioxide Composites for Supercapacitor Electrodes: Shape and Coupling Effects

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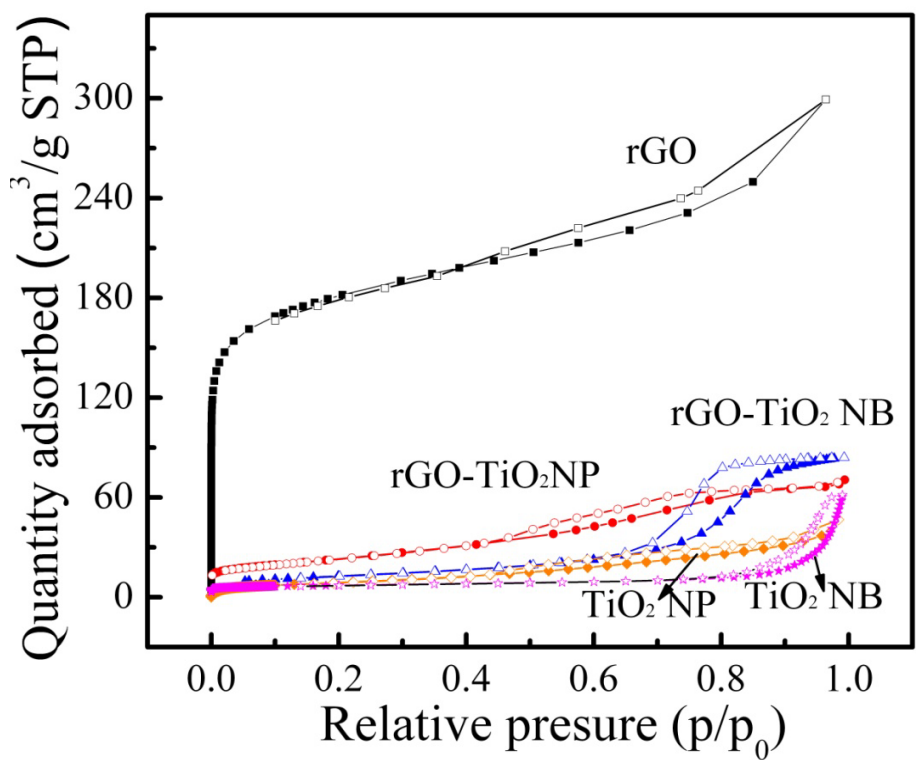


Figure S1. Nitrogen adsorption-desorption isotherms of rGO, TiO₂ NPs, TiO₂ NBs, rGO-TiO₂ NPs and rGO-TiO₂ NBs with 7:3 rGO:TiO₂ mass ratio.

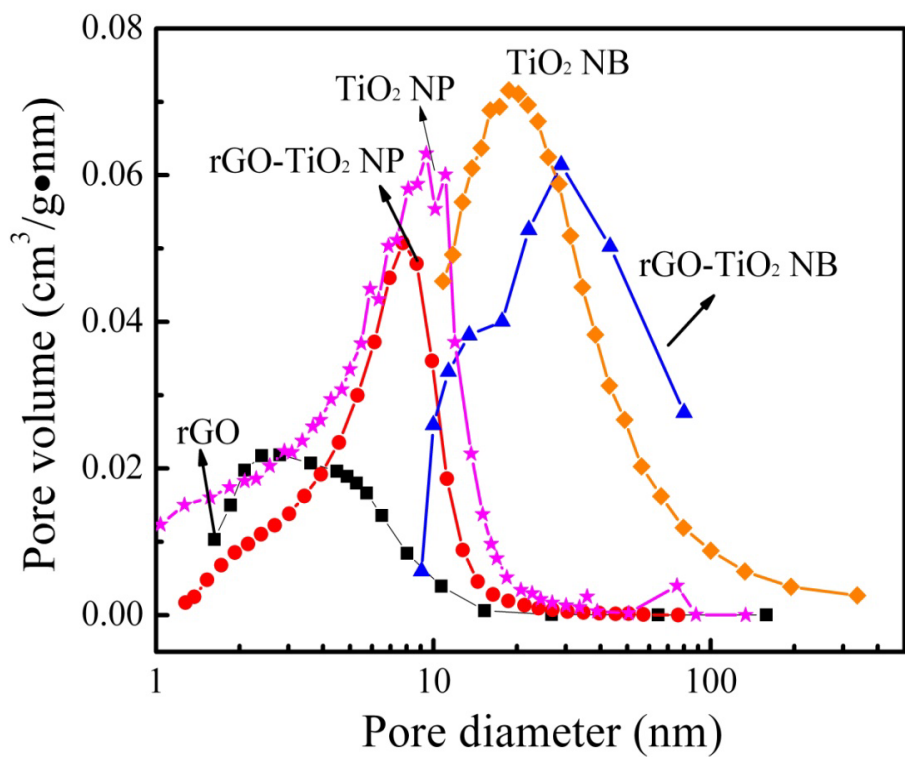


Figure S2. Pore volume distribution of rGO, TiO₂ NPs, TiO₂ NBs, rGO-TiO₂ NPs and rGO-TiO₂ NBs with 7:3 rGO:TiO₂ mass ratio.

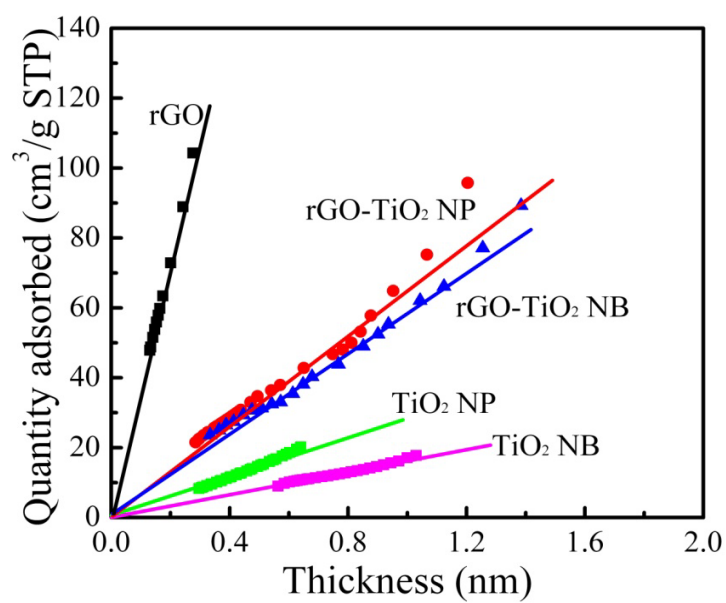


Figure S3. Pore size distribution of rGO, TiO₂ NPs, TiO₂ NBs, rGO-TiO₂ NPs and rGO-TiO₂ NBs with 7:3 rGO:TiO₂ mass ratio.

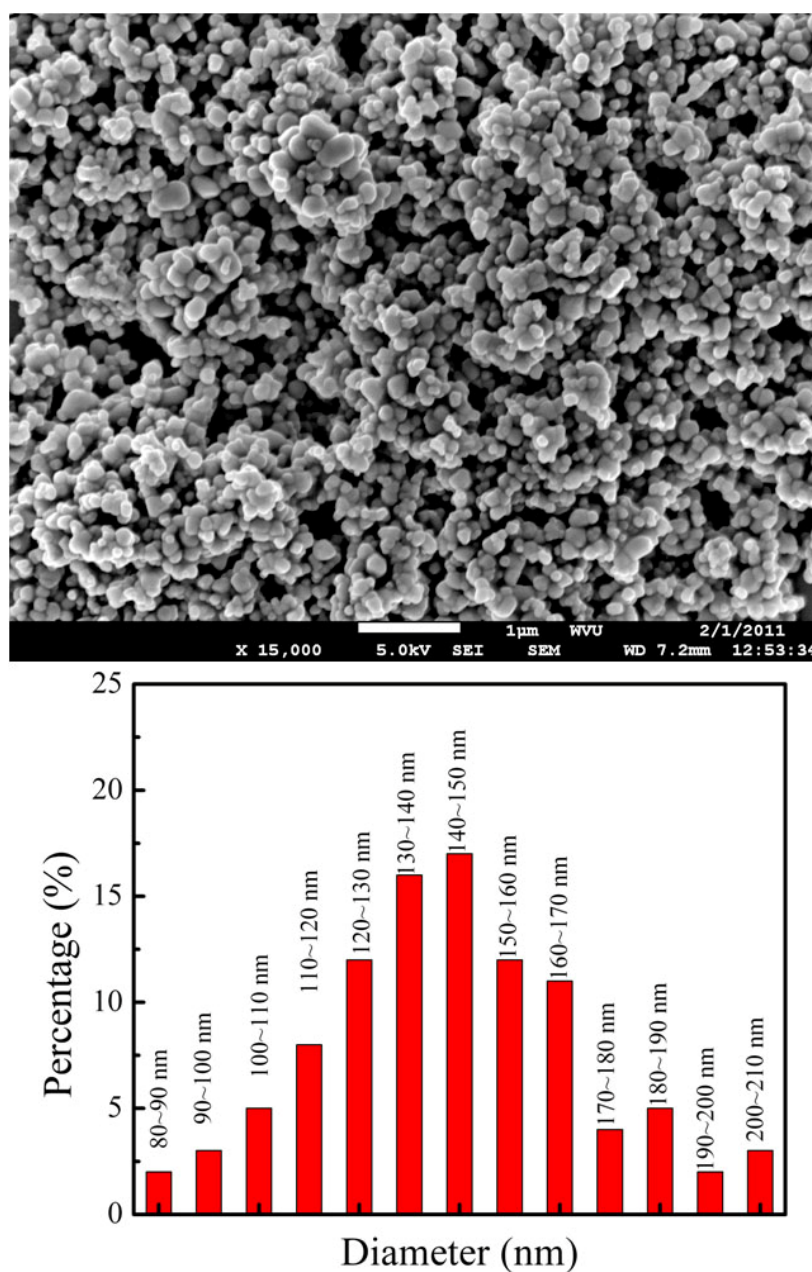


Figure S4. SEM image and statistical size distribution of TiO₂ nanoparticles. Average diameter: 138 nm.

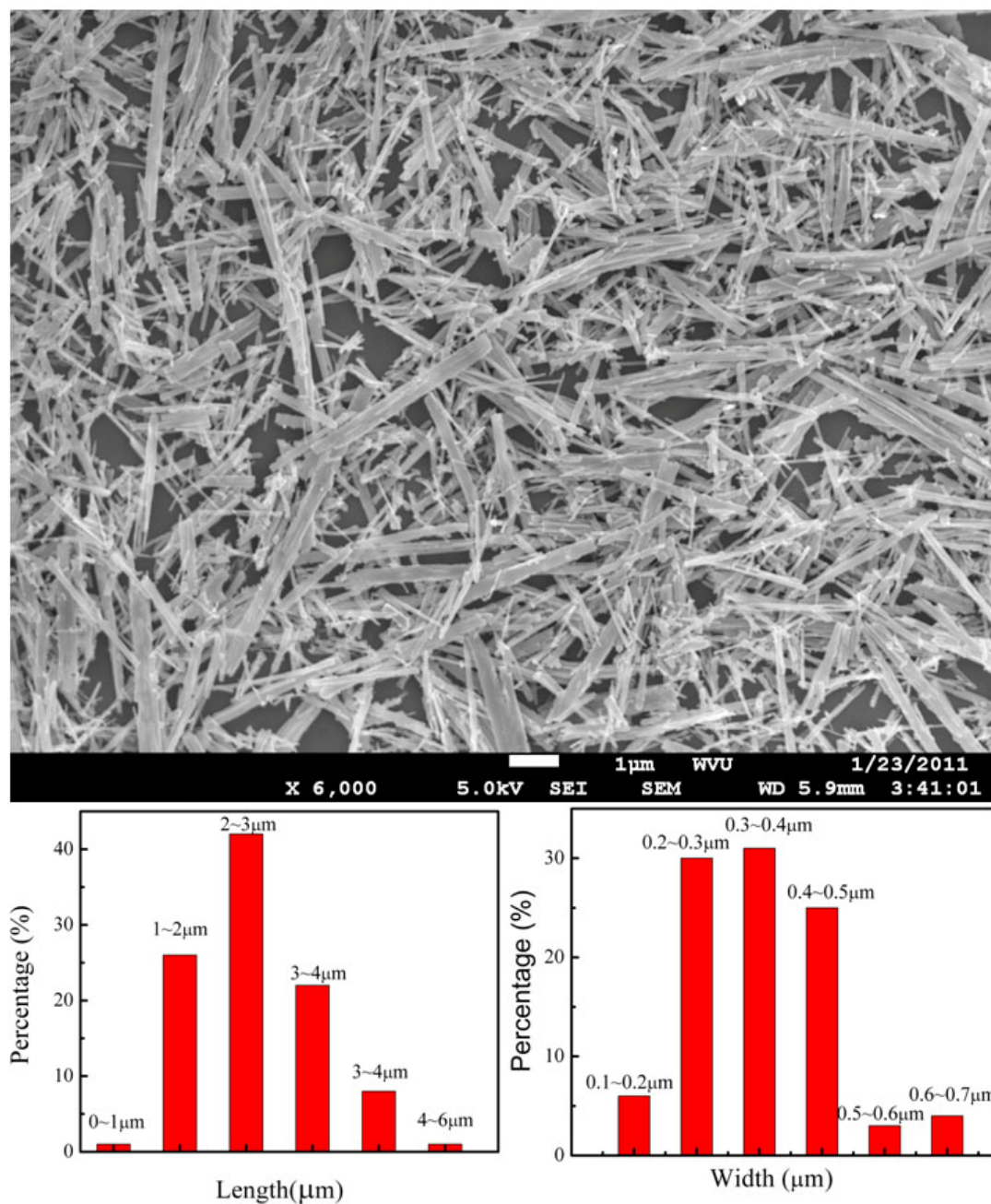


Figure S5. SEM image of TiO₂ nanobelts, and statistical length and width distributions (counted from 200 samples). Average length: 2.13 μm, and average width: 0.298 μm.