Supporting Information

Synthesis and Optimizable Electrochemical Performance of Reduced Graphene Oxide Wrapped Mesoporous TiO₂ Mircospheres

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Fig. S1 TGA curves of the TiO₂/RGO samples with different RGO contents, (a) 5.3 wt%, (b)

8.9 wt%, and (c) 11.2 wt%.



Fig. S2 C 1s XPS spectra of the graphene oxide.



Fig. S3 AFM image of the graphene oxide.



Fig. S4 SEM image of the lab-prepared ordinary TiO_2 nanoparticles.



Fig. S5 SEM images of the TiO_2 and TiO_2/RGO electrodes after 80 charge-discharge cycles.



Fig. S6 Rate dependent cycling performance of RGO in the voltage range of 1.0-3.0 V.



Fig. S7 Rate dependent cycling performance of TiO₂/RGO with different RGO contents.