

## Electronic Supplementary Information (ESI)

### Facile Synthesis of Hierarchically Porous $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Microspheres for High Rate Lithium Ion Batteries

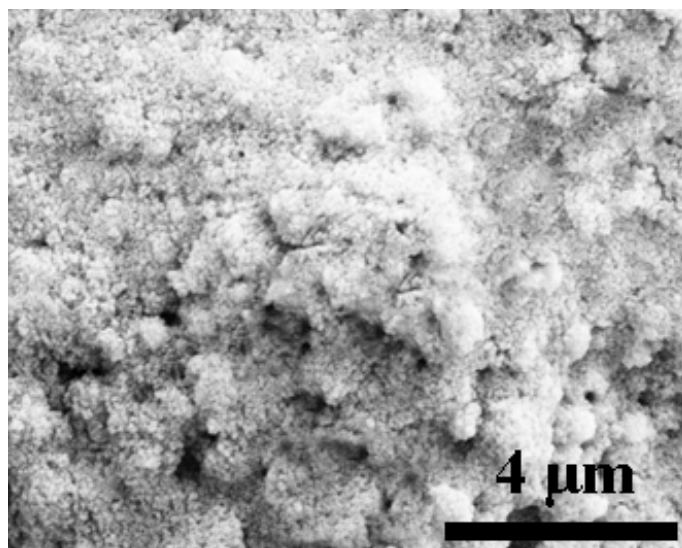
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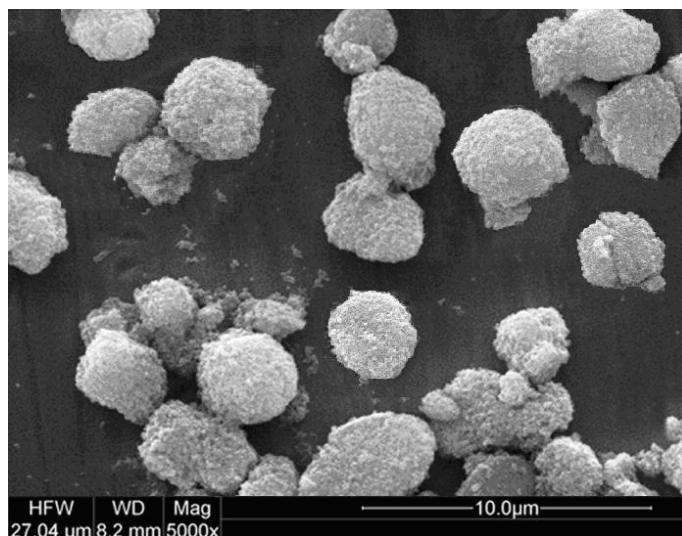
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**Fig. S1** SEM image of primary  $\text{TiO}_2$  powder



**Fig. S2** Low-magnification SEM image of  $\text{Li}_4\text{Ti}_5\text{O}_{12}$  sample synthesized by calcinating the intermediate phase at  $700\text{ }^\circ\text{C}$