

Supporting Information for

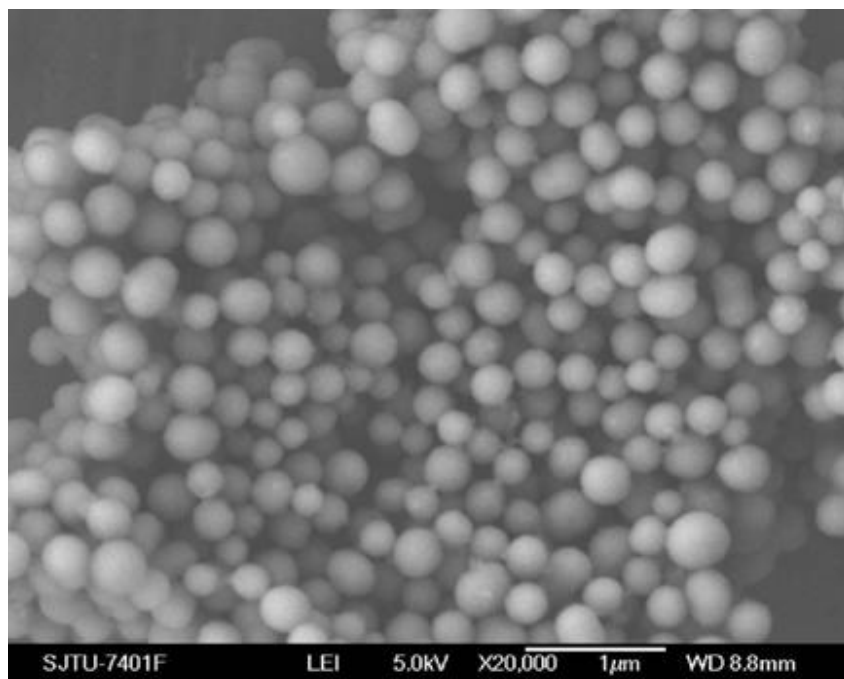
Template-free Synthesis of Mesoporous Spinel Lithium Titanate Microspheres and
Their Application in High-rate Lithium Ion Batteries

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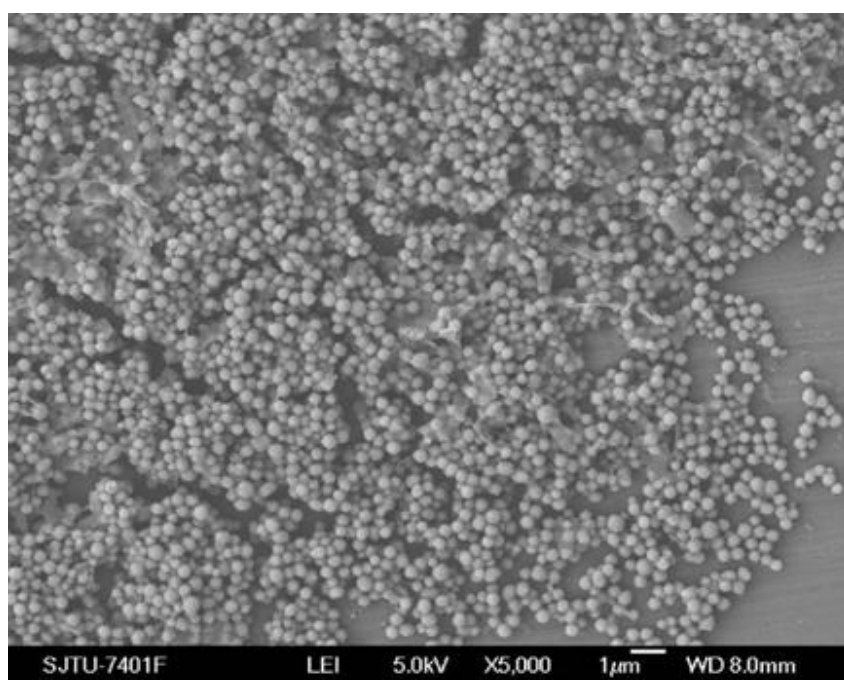
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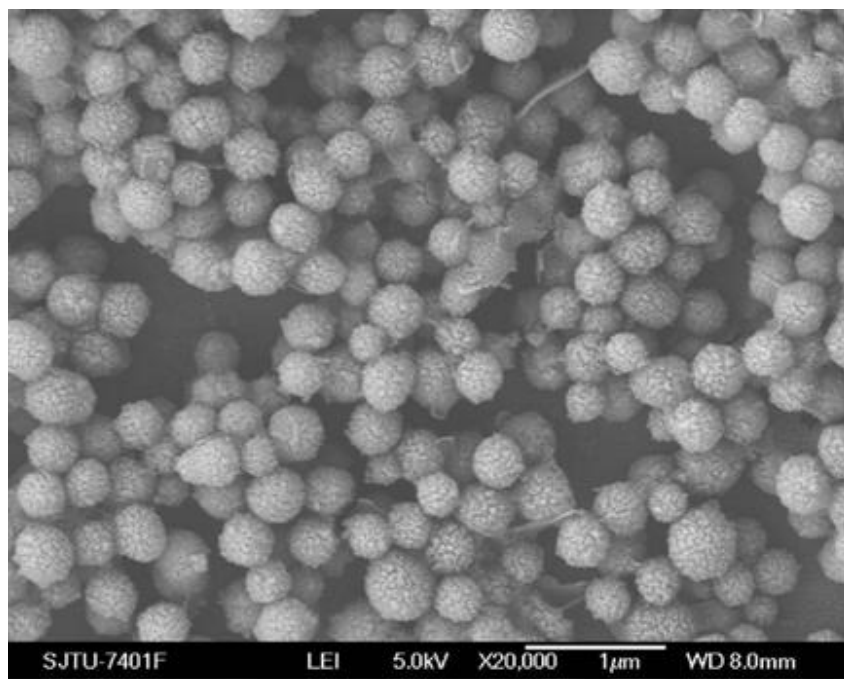
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(a)

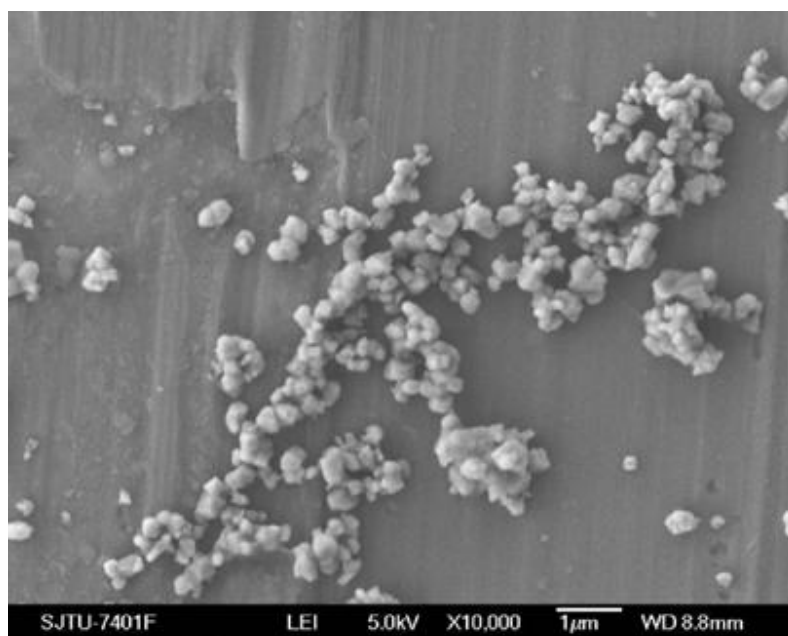


(b)

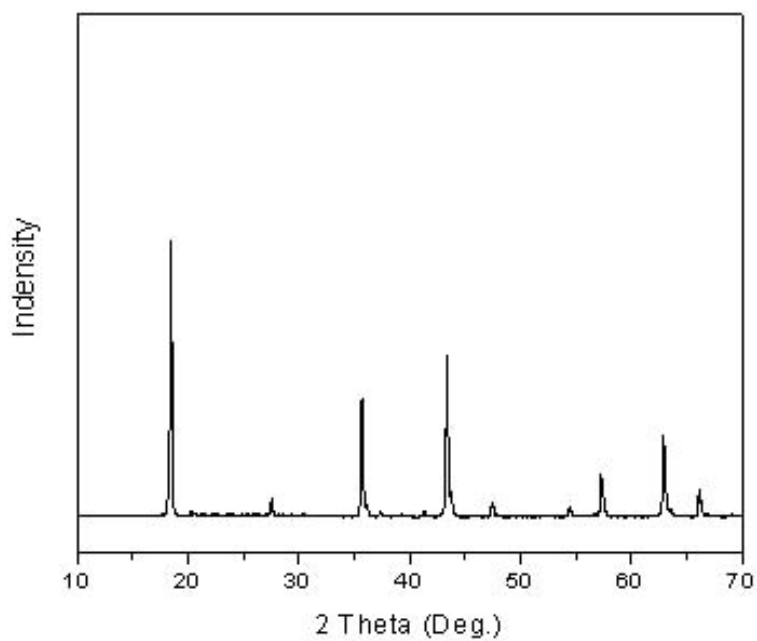


(c)

Figure S1. SEM image of amorphous hydrous titanium oxide (a), mesoporous $\text{Li}_4\text{Ti}_5\text{O}_{12}$ spheres before annealing (b) and after annealing (c).



(a)



(b)

Figure S2. SEM image (a) and XRD pattern (b) of 200-LTO powder.

The 200-LTO and micro-LTO were both prepared by solid syntheses as reference²⁸; only one difference is that P₂₅ was used as precursors for 200-LTO.