

Electronic Supplementary Information for Facile Synthesis of N-Doped Carbon Coated $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Microspheres Using Polydopamine as Carbon Source for High Rate Lithium Ion Batteries

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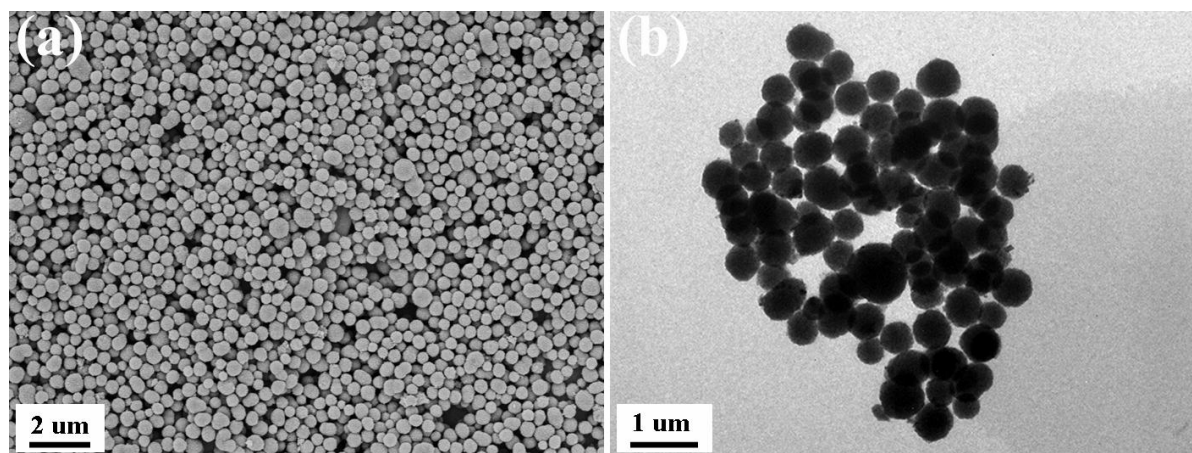


Fig. S1 SEM (a) and TEM (b) image of the TOS

Table S1 Impedance parameters of the pure LTO and NC-LTO electrodes.

Samples	$R_s (\Omega)$	$R_l (\Omega)$	$R_{ct} (\Omega)$	$I^0 (\text{mA cm}^{-2})$
Pure LTO	4.3	9.6	103.2	0.25
NC-LTO	1.9	6.2	49.5	0.52