Electronic Supplementary Material (ESI) for RSC Advances

Supporting Information

Submicron-size mesoporous anatase TiO_2 beads with high specific surface synthetized by controlling reaction conditions for high-performance Li-batteries

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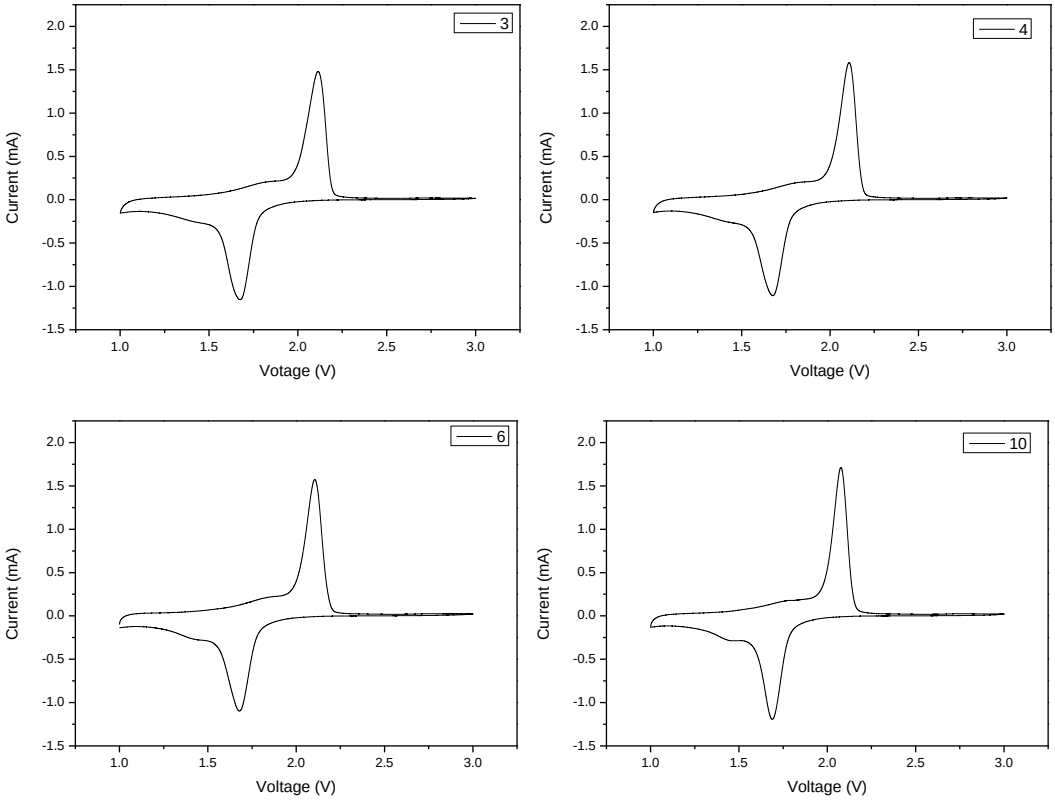

Fig.S1 The cyclic voltammetry (CV) curve of the SMATBs at a scan speed of 1 mV s^{-1} for the third, fourth, sixth, and tenth cycles.

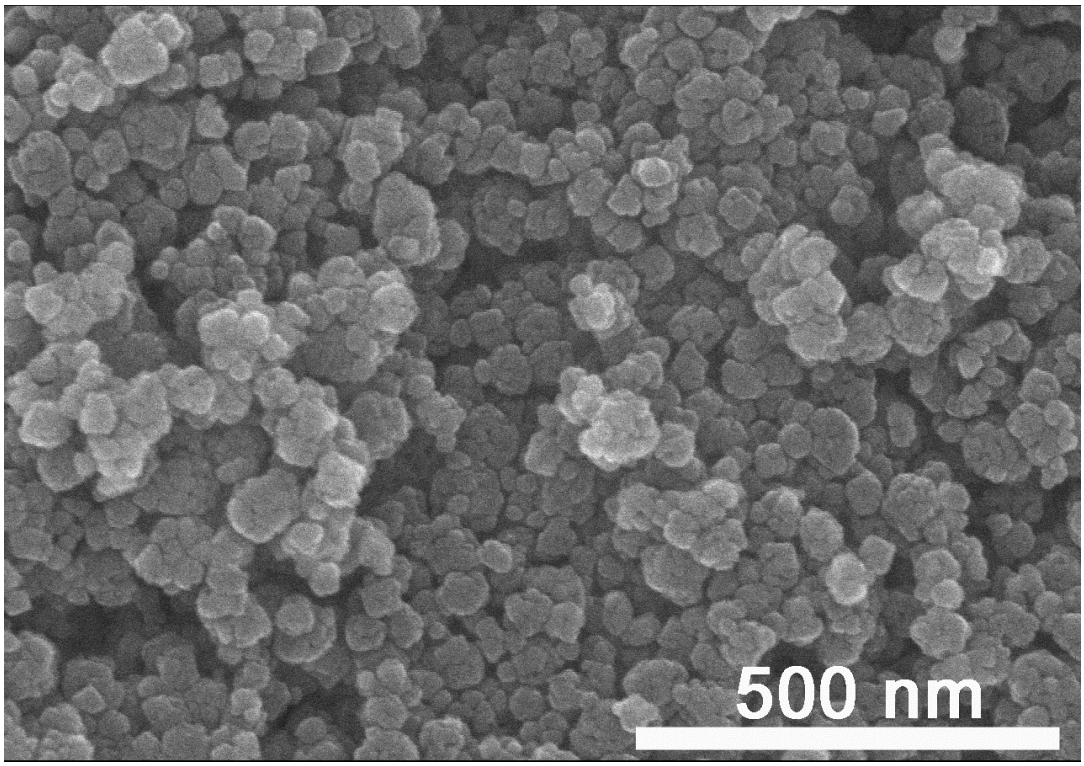

Fig.S2 SEM image of TiO_2 nanoparticles, the size is ~ 25 nm.

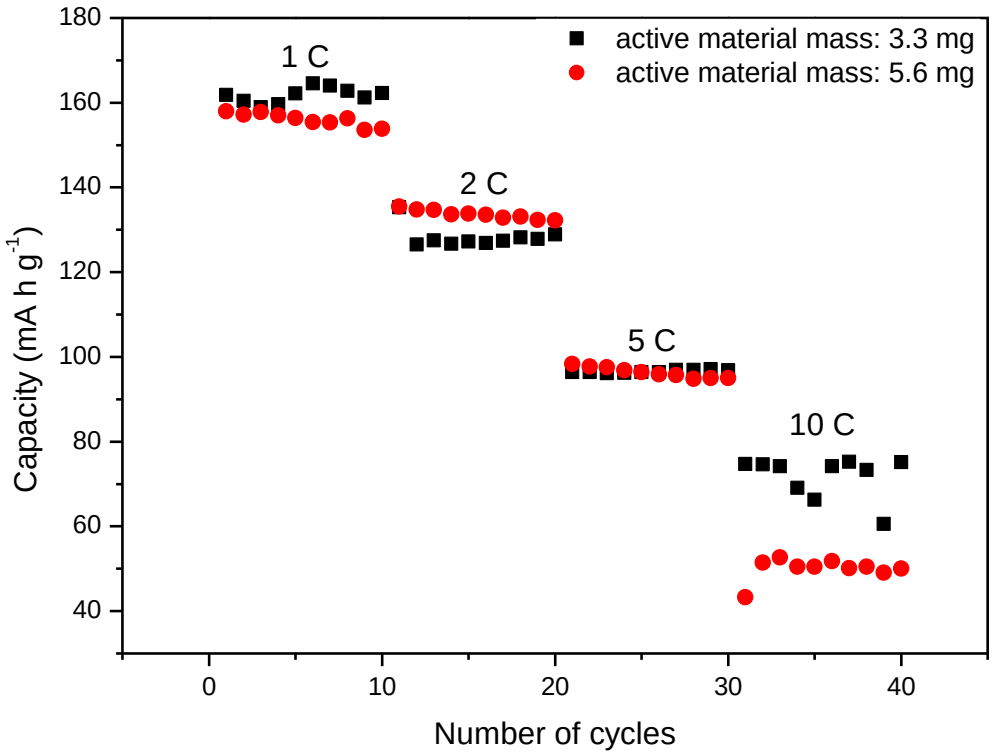

Fig.S3 The specific capacities of the SMATBs electrodes with different active material mass at various charge-discharge rates.

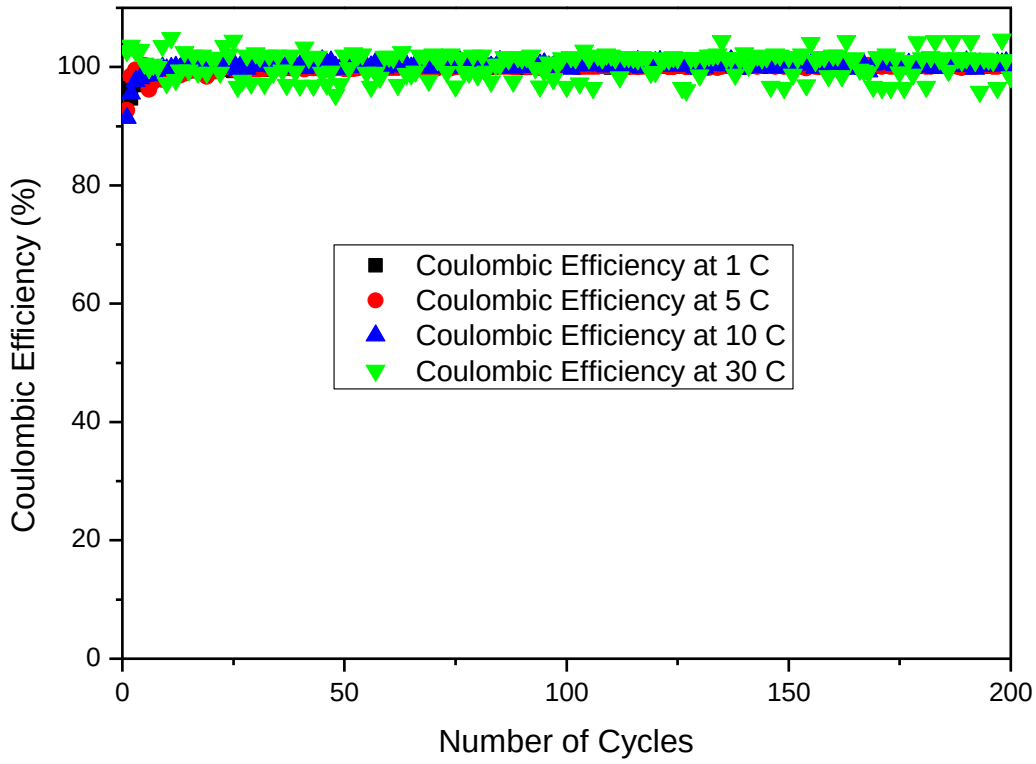

Fig.S4 Coulombic Efficiency curves for SMTABs electrodes at 1, 5, 10 and 30 C charge-discharge rate, respectively.

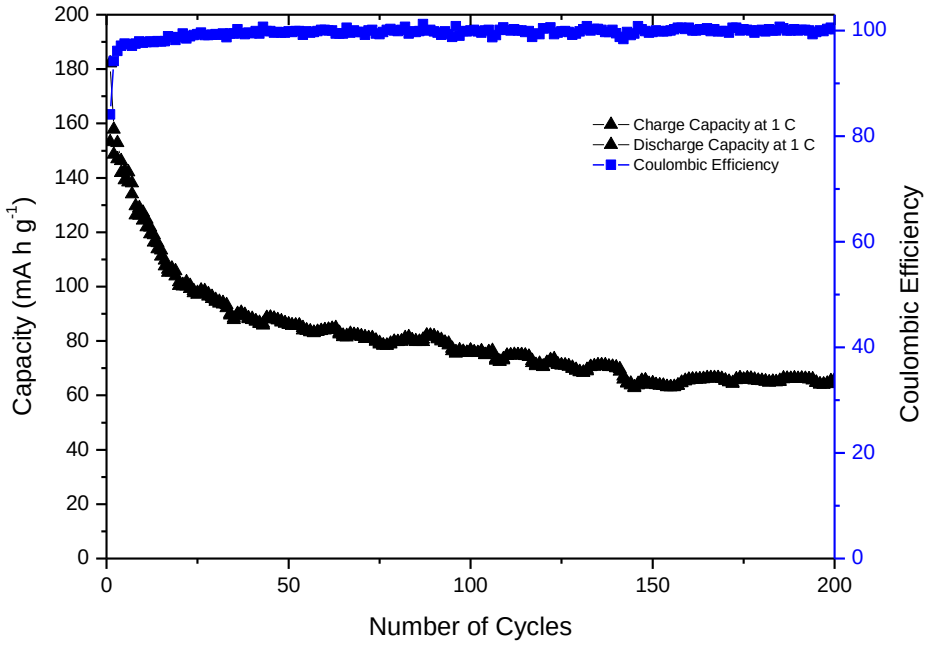

Fig.S5 Cycling performance of TiO_2 nanoparticles up to 200 cycles at 1 C charge-discharge rate.