

Al₂O₃ 包覆对 Na_{0.44}MnO₂ 正极材料高温储钠性能的改善

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Improved Sodium Storage Performance of Na_{0.44}MnO₂ Cathode at a High Temperature by Al₂O₃ Coating

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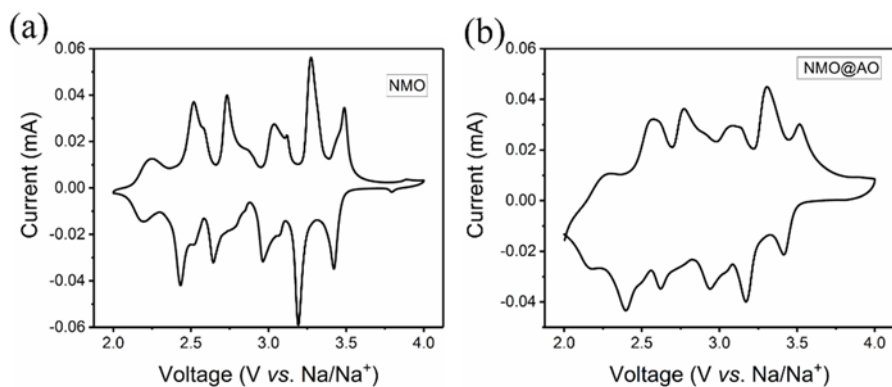


图 S1 NMO 和 NMO@AO (2%)的循环伏安曲线(扫速: 0.1 mV s^{-1})

Fig. S1 Cyclic voltammety curves of NMO and NMO@AO (scan rate: 0.1 mV s^{-1})

(a) NMO, (b) NMO@AO (2%).

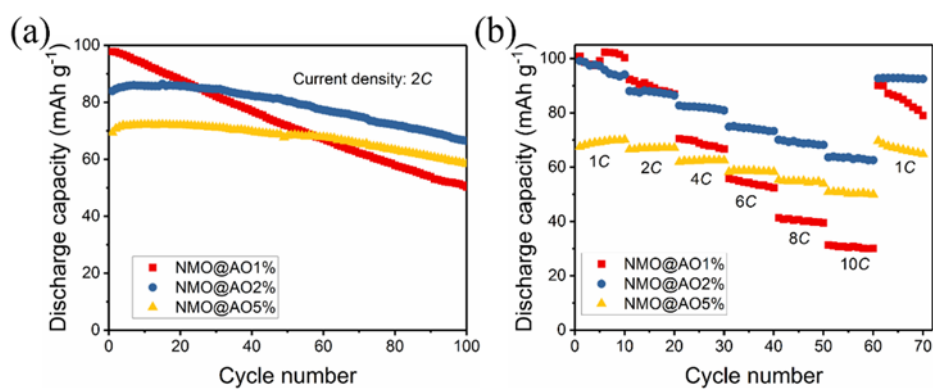


图 S2 不同量 Al_2O_3 包覆后的 $\text{Na}_{0.44}\text{MnO}_2$ 的长周期循环曲线(a)和倍率曲线(b)

Fig. S2 Cyclic curves (current density: $240 \text{ mA}\cdot\text{g}^{-1}$) and rate performance of $\text{Na}_{0.44}\text{MnO}_2$ coated with different amounts of Al_2O_3 (1%, 2% and 5%).

(a) cyclic curves, (b) rate performance.