

Supplementary Information

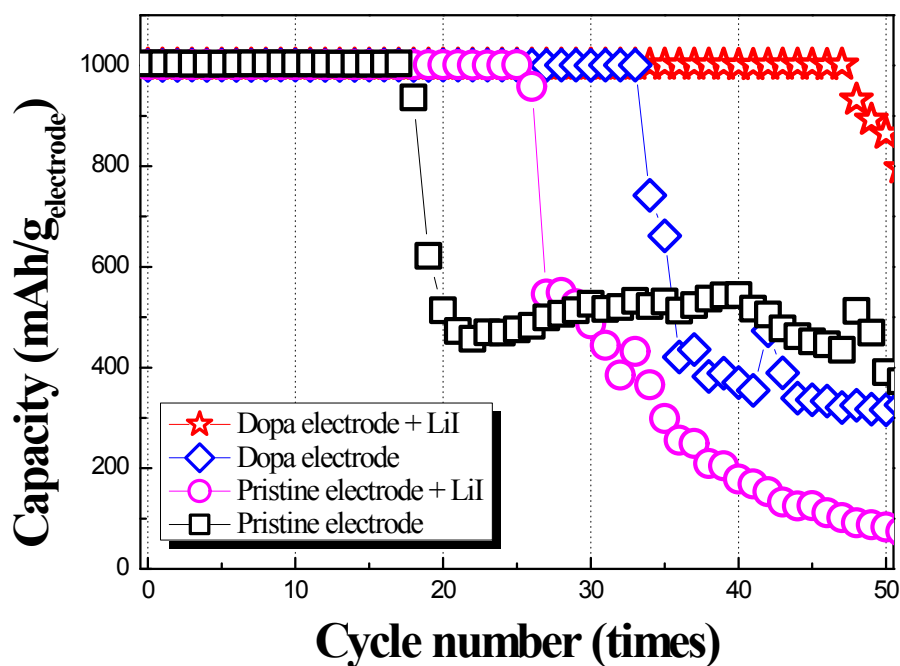


Figure S1 : Cyclic performance of the pristine and dopa electrodes at a current density of 1000 mA·g⁻¹, measured using plain and LiI-containing electrolytes.

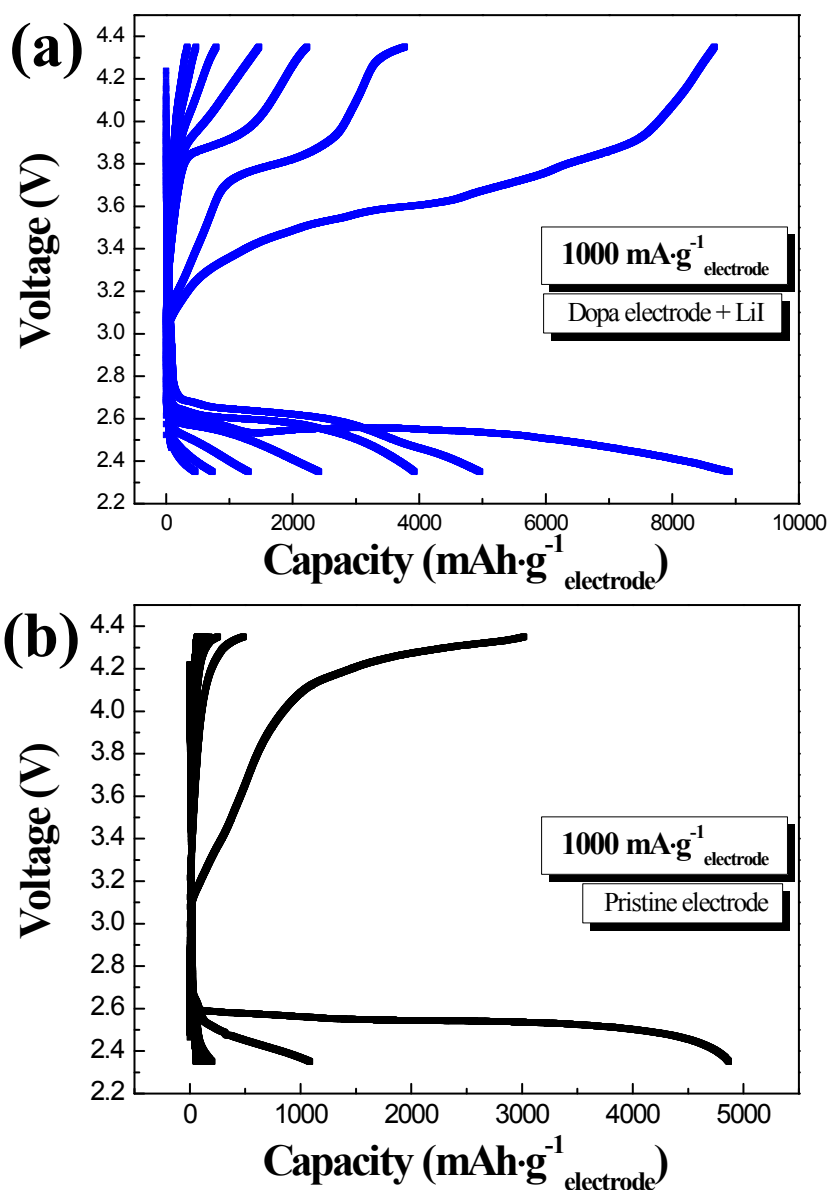


Figure S2 : Cyclic performance of the electrodes measured with full depth of discharge (current density of $1000 \text{ mA}\cdot\text{g}^{-1}$). (a) Dopa electrode measured using LiI containing electrolyte; (b) pristine electrode measured using pristine electrolyte