

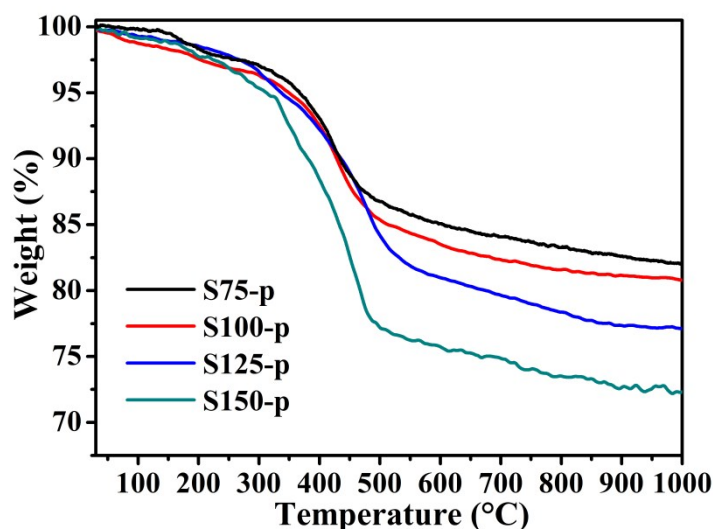
### Electronic Supplementary Information for

#### Glucose-assisted combustion synthesis of $\text{Li}_{1.2}\text{Ni}_{0.13}\text{Co}_{0.13}\text{Mn}_{0.54}\text{O}_2$ cathode materials with superior electrochemical performance for lithium-ion batteries

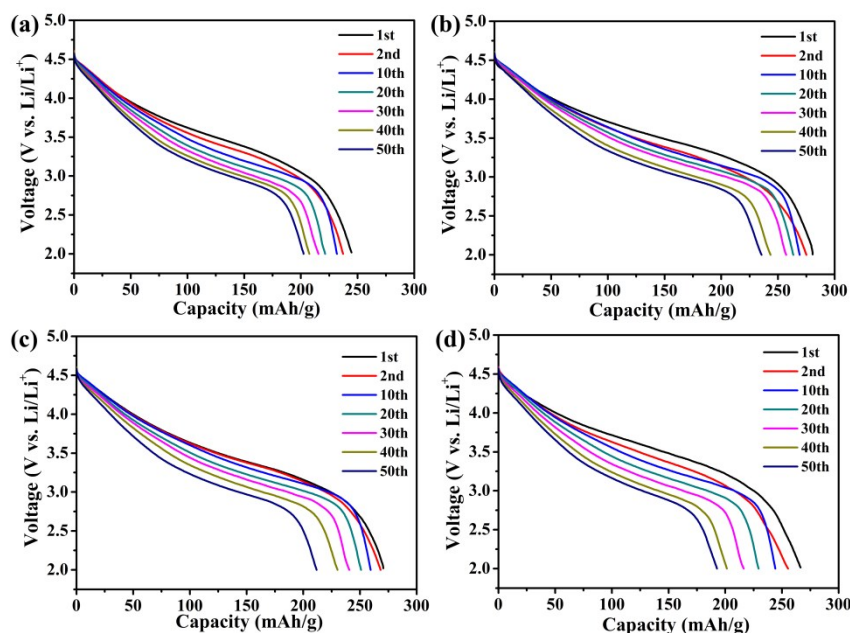
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#### Supplementary Figures



**Fig. S1** TG curves of the precursors obtained under air atmosphere with a heating rate of 10 °C/min.



**Fig. S2** Discharge profiles after various cycling at 0.1 C in a voltage range of 2.0 to 4.8 V for all samples: (a) S75; (b) S100; (c) S125; (d) S150.