SUPPORTING INFORMATION

ENHANCEMENT OF CYCLING EFFICIENCY IN Li_{(1-x)}Mn_{(5-2x)}Fe_xO_4 (X = 0.5 AND X = 0.7) SPINELS: MICROSTRUCTURAL AND COMPOSITIONAL PERFORMANCES INDUCED BY TEMPERATURE.

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S1 First charge profiles of x = 0.5 (a) and x = 0.7 (b) at different thermal treatments
S2. Structural refinement for Li$_{1.1}$Mn$_{1.2}$Fe$_{0.7}$O$_4$: a) at 500°C; b) at 800 °C. Observed patterns are denoted by dots (red), and the calculated and difference plots are shown by solid lines (black). Reflection positions for spinel (upper row) and Li$_2$MnO$_3$ (lower row) phases are included (green).
S3. Charge/discharge curves at rate of C/10 between 2.5-4.5V for Li$_{1.17}$Mn$_{1.33}$Fe$_{0.5}$O$_4$ heated at different temperatures.
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![Graph showing charge/discharge curves](image1)

![Graph showing charge/discharge curves](image2)