

Supplementary material (ESI) for Journal of Materials Chemistry
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Supplementary Information for

**Factors influencing the crystal chemistry of chemically delithiated layered
 $\text{H}_x\text{Ni}_{1-y-z}\text{Mn}_y\text{Co}_z\text{O}_2$**

J. Choi and A. Manthiram*
Materials Science and Engineering Program
The University of Texas at Austin
Austin, TX 78712

This file includes:

Figures S1, S2, and S3.

* To whom correspondence should be addressed.
Phone: 512-471-1791. Fax: 512-471-7681
E-mail: rmanth@mail.utexas.edu

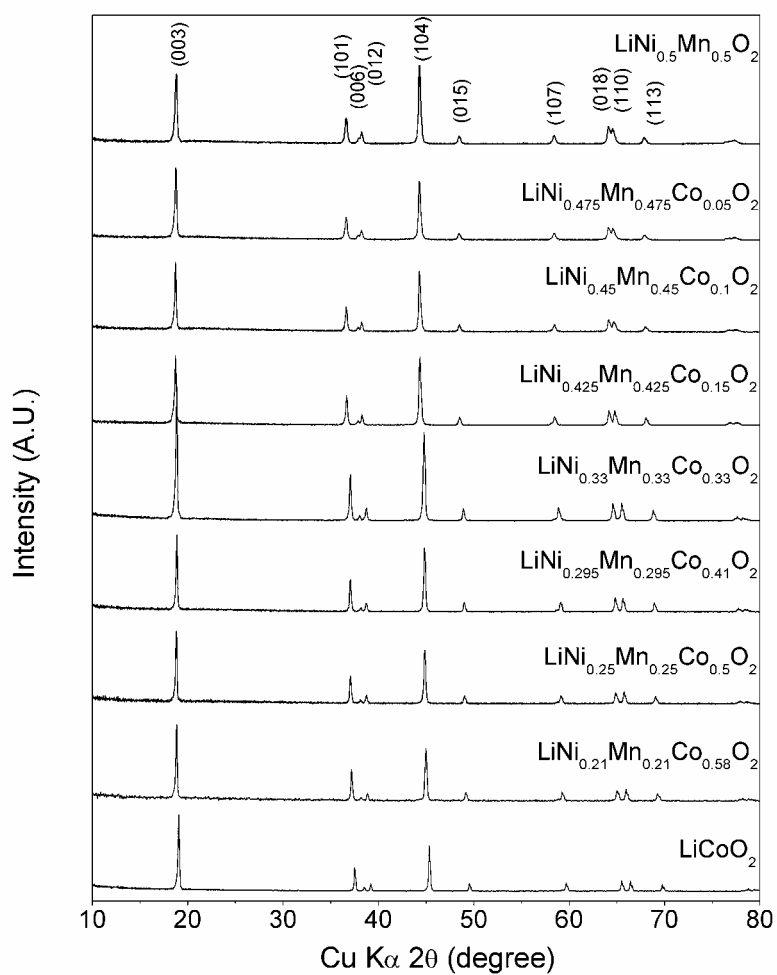


Fig. S1 X-ray diffraction patterns of $\text{LiNi}_{0.5-y}\text{Mn}_{0.5-y}\text{Co}_{2y}\text{O}_2$ for $0 \leq 2y \leq 1$.

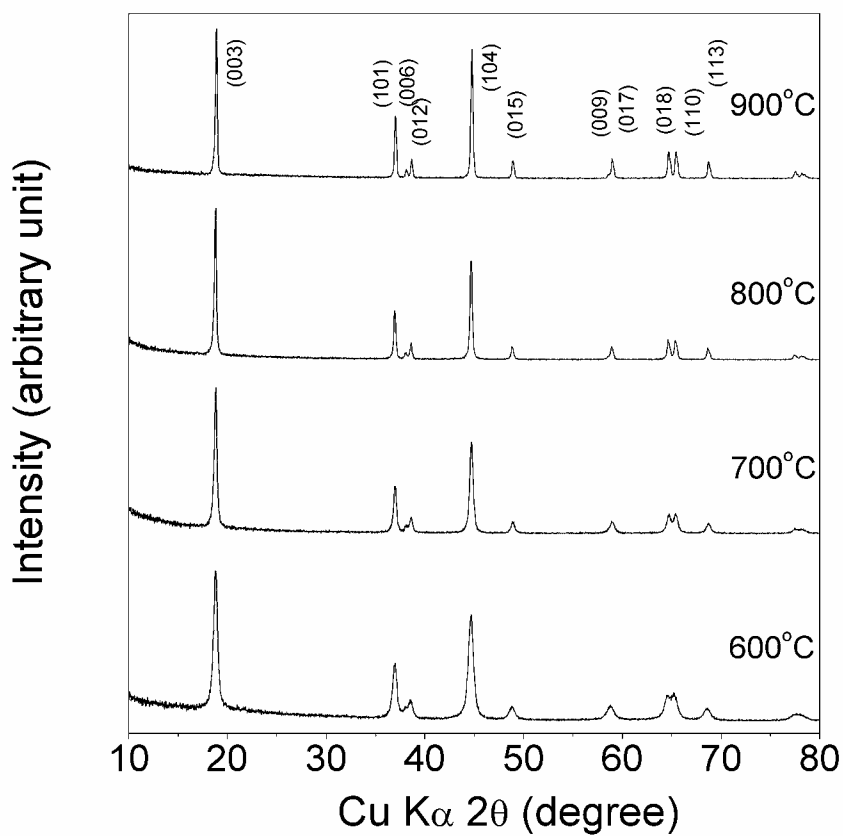


Fig. S2 X-ray diffraction patterns of $\text{LiNi}_{0.33}\text{Mn}_{0.33}\text{Co}_{0.33}\text{O}_2$ synthesized at various temperatures.

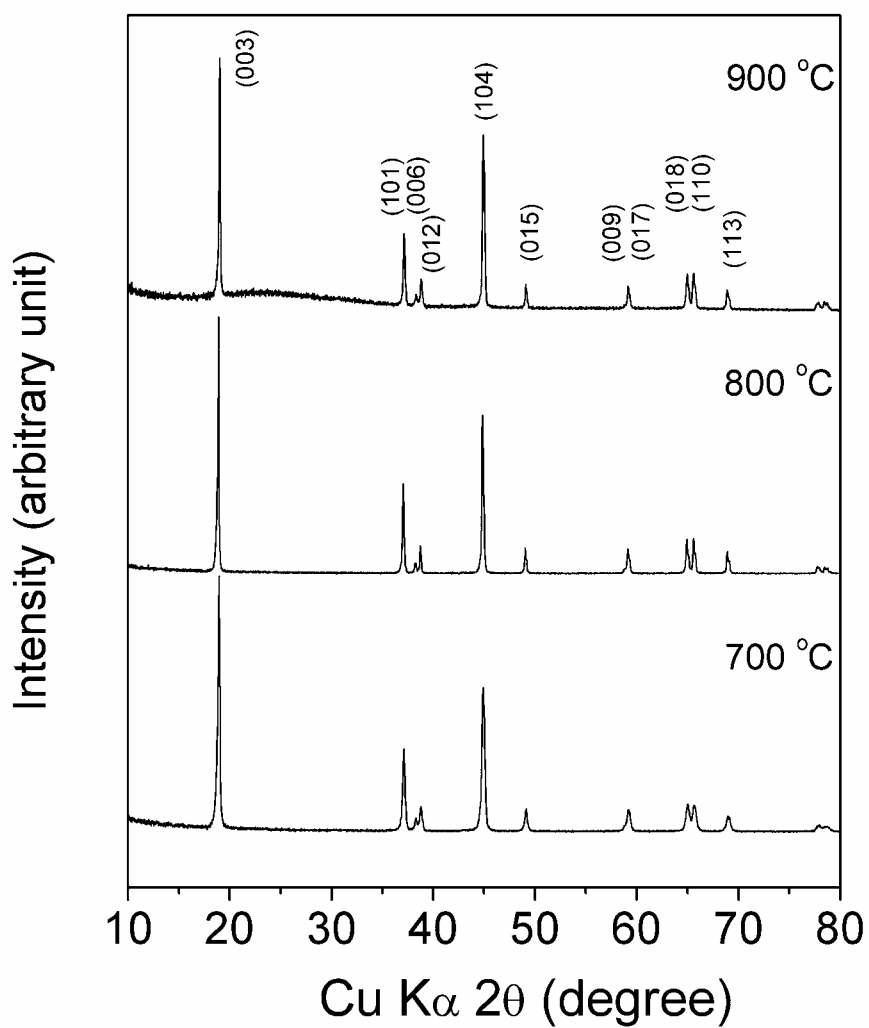


Fig. S3 X-ray diffraction patterns of $\text{LiNi}_{0.5}\text{Co}_{0.5}\text{O}_2$ synthesized at various temperatures.