

Supplementary Materials

Micron-Sized Monodisperse Particle $\text{LiNi}_{0.6}\text{Co}_{0.2}\text{Mn}_{0.2}\text{O}_2$ Derived by Oxalate Solvothermal Process Combined with Calcination as Cathode Material for Lithium-Ion Batteries

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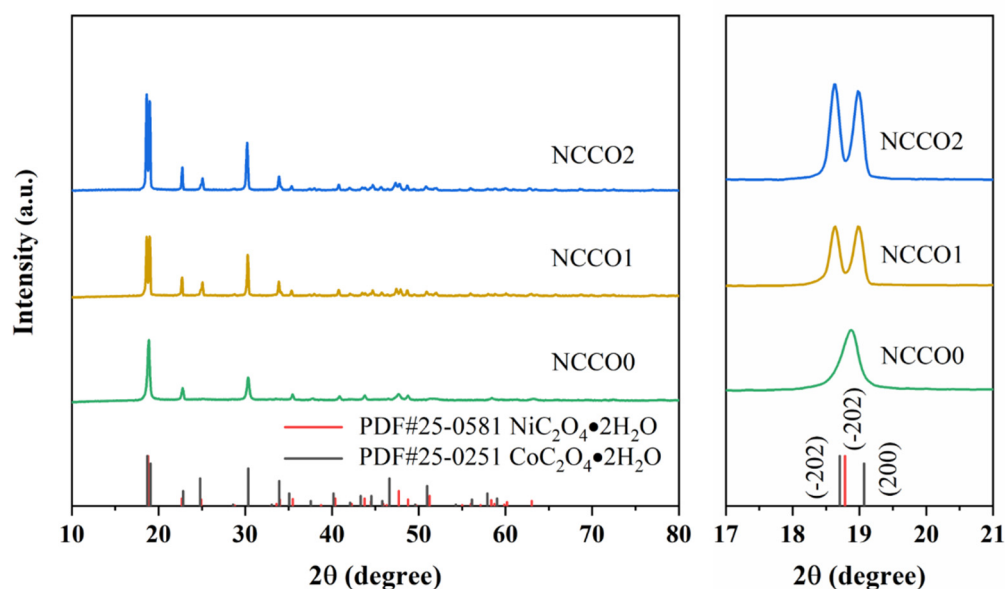


Figure S1. XRD patterns of NCCO precursor samples.

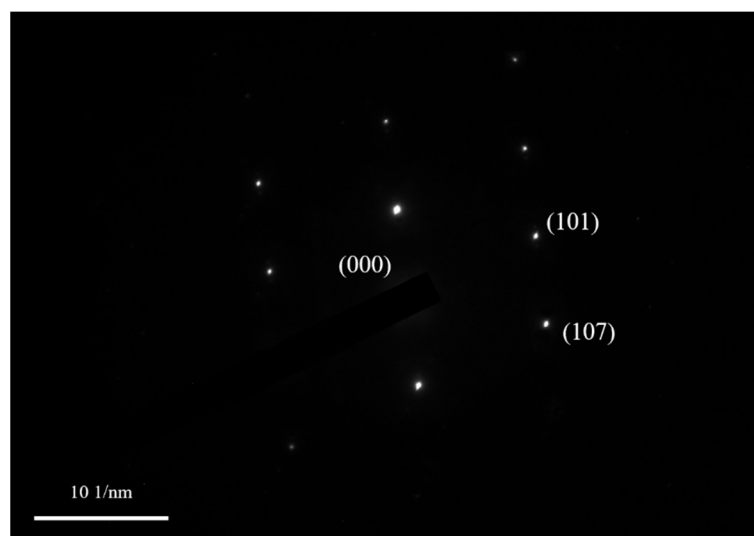


Figure S2. SAED patterns of NCM800.

Table S1 The atomic ratios of NCM622 tested by SEM-EDX.

Sample	Ni (%)	Co (%)	Mn (%)
NCM750	58.42	20.71	20.87
NCM800	59.21	20.28	20.51
NCM850	58.14	21.04	20.82

Table S2 EIS fitting results of the equivalent circuit of NCM622.

Samples	1st cycle		50th cycle		
	R_s (Ω)	R_{ct} (Ω)	R_s (Ω)	R_f (Ω)	R_{ct} (Ω)
NCM750	3.24	198.8	4.81	54.22	380.6
NCM800	1.92	189.1	2.83	54.38	217.7
NCM850	3.72	217.7	5.09	81.81	283.0