Designing high performance nanostructured P2 type cathode based on template-free modified pechini method for Sodium-Ion Batteries

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Supporting information

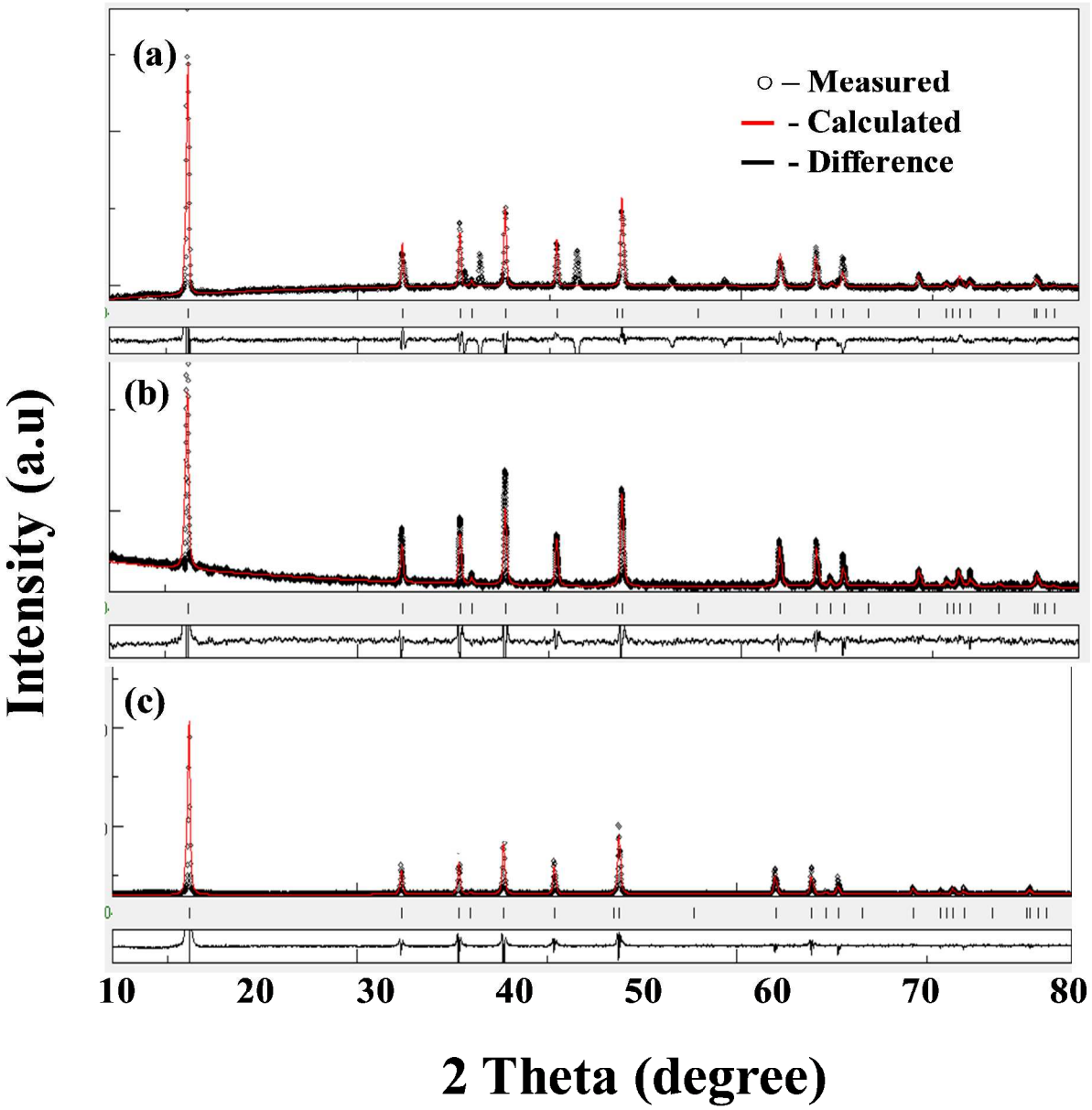

Figure S1 Rietveld analysis of the sample prepared at (a) 800, (b) 850 and (c) 900 ^{o}C using pechini method

Table S1: Summary of refined structural parameters

Electrode material	R_p (%)	R_{wp} (%)
NCM-800	5.87	5.77
NCM-850	6.32	6.21
NCM-900	6.45	6.38

Table S2 ICP results of NCM samples

Electrode material	**Na**	**Mn**	**Ni**	**Co**
NCM-800	0.643	0.524	0.124	0.126
NCM-850	0.649	0.528	0.127	0.124
NCM-900	0.641	0.522	0.126	0.125

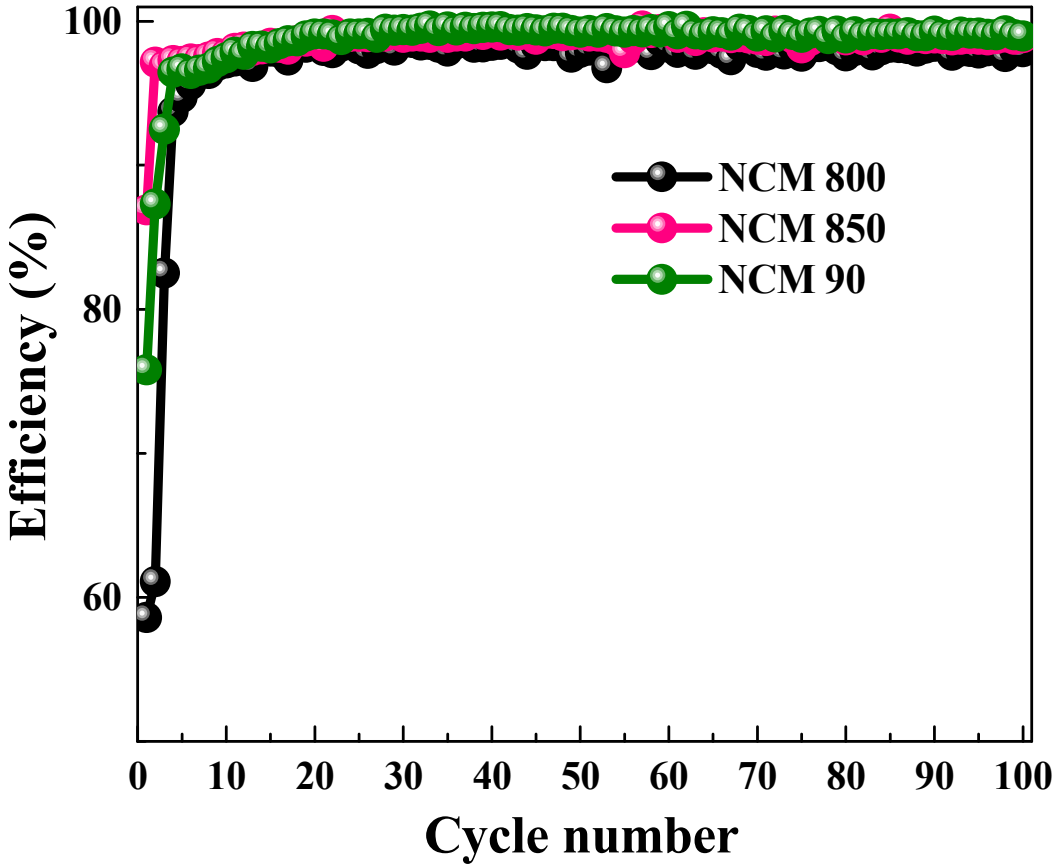

Figure S2 Columbic efficiency of cells containing NCM cathode obtained through pechini method at different calcination temperatures.

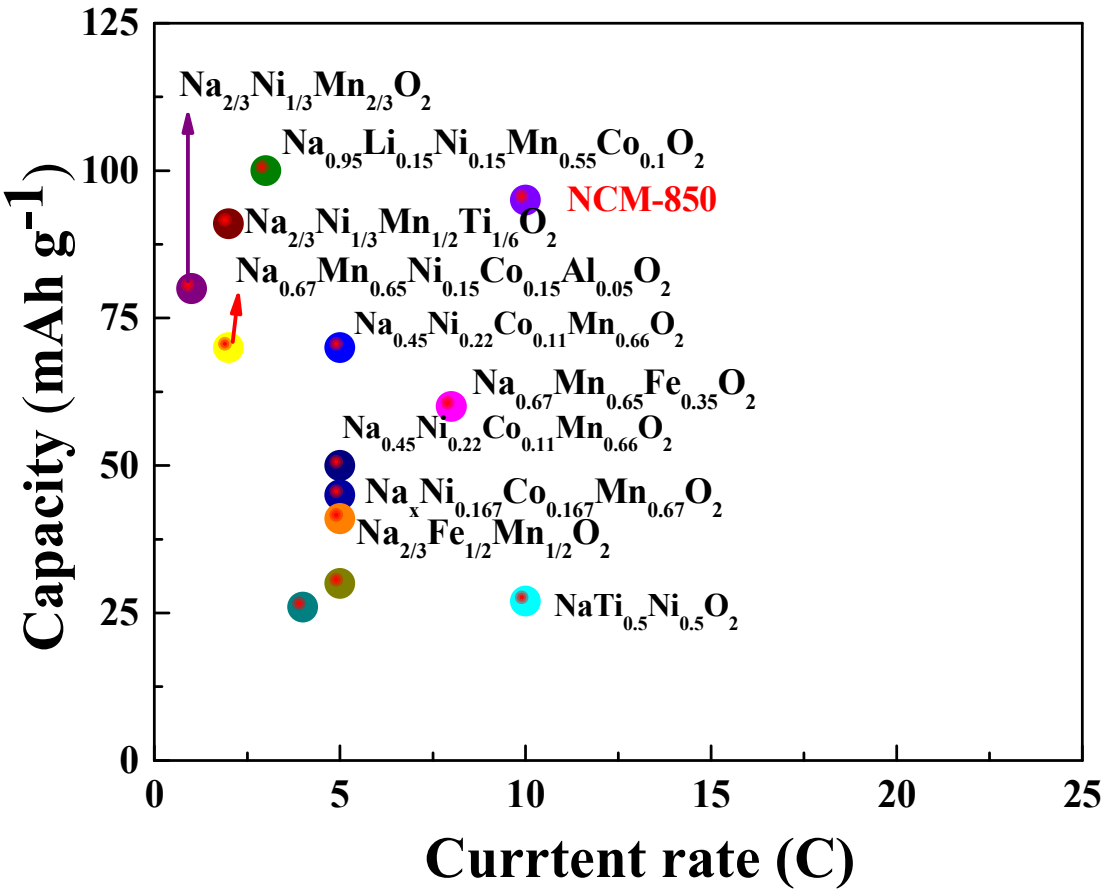

Figure S3 Comparison of various P2 layered materials with NCM-850 at various current rates