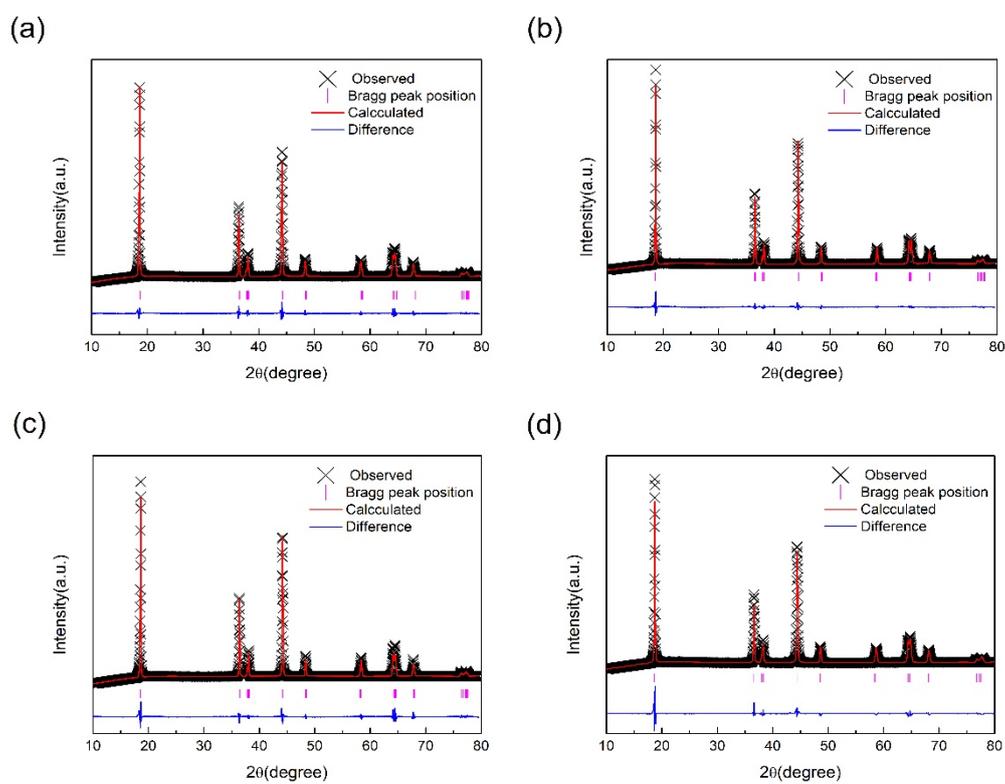


## Supporting information

### The Electrochemical Performance And Microstructure of $\text{LiNi}_{0.88}\text{Co}_{0.05}\text{Mn}_{0.07}\text{O}_2$ Cathode Material Working In High-voltage By Niobium Doping

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**Figure S1.** XRD Rietveld refinement patterns of (a) NCM88-0 (b), NCM88-0.3Nb (c) NCM88-0.5 Nb (d) NCM88-1Nb