

Supporting Information

Effects of Carbon on Structure and Electrochemical Performance of $\text{Li}_2\text{FeSiO}_4$ Cathode Materials for Lithium-ion Batteries

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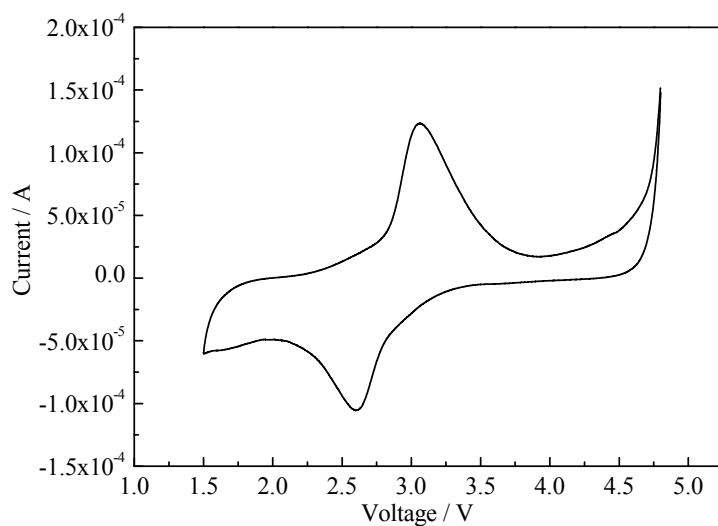


Figure S1. CV curve of $\text{Li}_2\text{FeSiO}_4/\text{C}$ materials with 7.5wt % carbon

Cyclic voltammetry was performed with a scanning rate of $0.2 \text{ mV}\cdot\text{s}^{-1}$. Figure S1 shows the second CV curve of $\text{Li}_2\text{FeSiO}_4/\text{C}$ material with 7.5wt% carbon. The result shows that the oxidation and reduction peak potentials are located at about 3.1 and 2.6 V versus Li^+/Li , respectively, which corresponds to the oxidation-reduction reaction of $\text{Fe}^{3+}/\text{Fe}^{2+}$ redox couple.