

Supporting Information

Alluaudite $\text{NaCoFe}_2(\text{PO}_4)_3$ as a 2.9 V Cathode for Sodium-ion Batteries Exhibiting Bifunctional Electrocatalytic Activity

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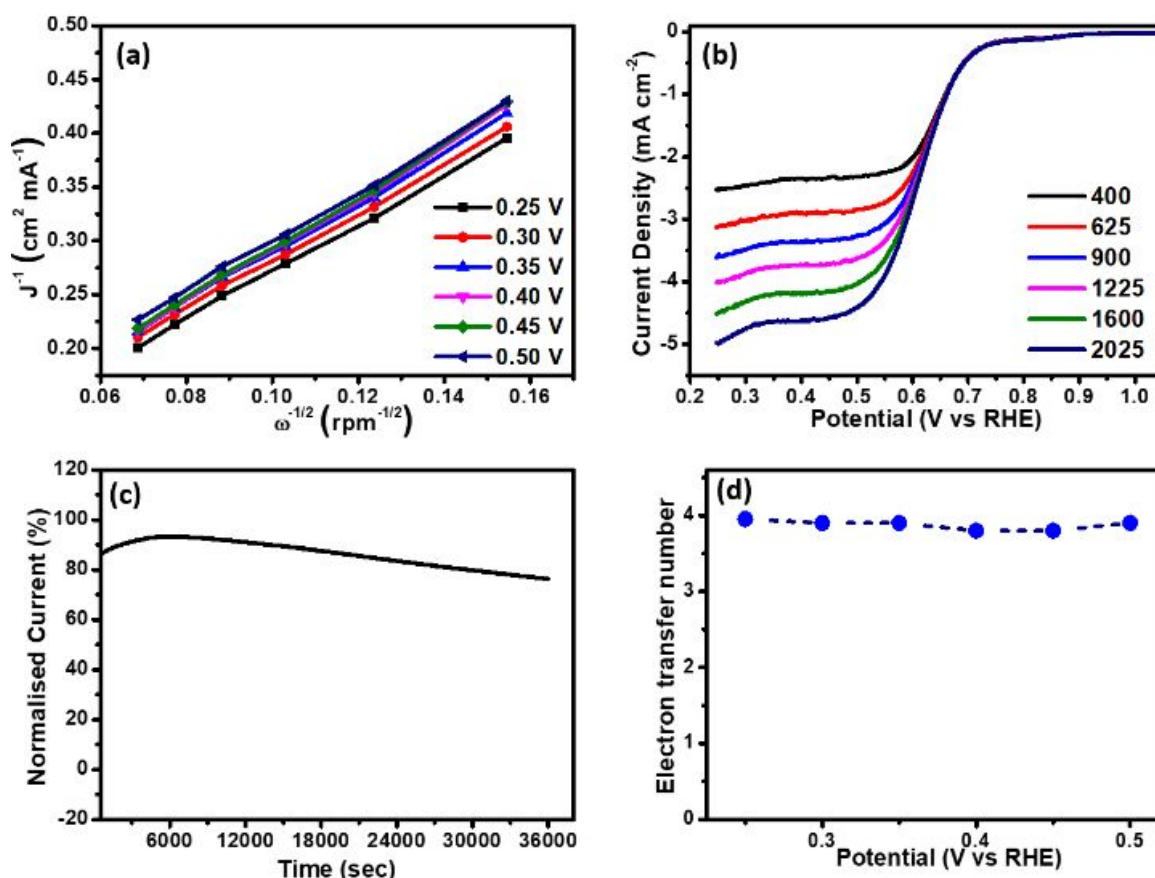


Figure S1. The electrocatalytic activity studied under Linear sweep voltammetry (LSV). (a) Koutecky-Levich plots (J^{-1} versus $\omega^{-1/2}$, J is the current density in mA cm^{-2} and ω is the rotating speed in $\text{rpm}^{-1/2}$). (b) LSV for $\text{NaCoFe}_2(\text{PO}_4)_3$ at different rotating speed in O_2 saturated 0.1 M KOH electrolyte. (c) ORR stability performance of $\text{NaCoFe}_2(\text{PO}_4)_3$ shown over 10 hours. (d) Number of electron transfer as calculated from K-L plot during the ORR process in potential window of 0.25 – 0.50 V.