

Supporting Information

**CTAB-assisted Multiwalled Carbon Nanotube-Loaded
NaFe₂Mn(PO₄)₃ materials as High Performance Cathodes
for Sodium-Ion Batteries**

Xiaofeng Wang,^a Hao Zhang,^a Yanan Xu,^a Chengcheng Chen,^a Huatang Yuan,^a and Yijing

*Wang^{*a,b}*

^aKey Laboratory of Advanced Energy Materials Chemistry (MOE)

^bCollaborative Innovation Center of Chemical Science and Engineering (Tianjin), College of

Chemistry, Nankai University

Tianjin 300071 (P. R. China),

Fax: +86 22 23503639; E-mail: wangyj@nankai.edu.cn.

List

Fig. S1. SEM images of annealed $\text{NaFe}_2\text{Mn}(\text{PO}_4)_3$ samples with the various content of MWCNTs.

(a) 1 %, (b) 2 %, (c) 3 %.

Fig. S2. HRTEM images of different annealed $\text{NaFe}_2\text{Mn}(\text{PO}_4)_3$ samples. (a) The pristine $\text{NaFe}_2\text{Mn}(\text{PO}_4)_3$ sample, (b) Sample S1, (c) Sample S2, (d) Sample S3

Fig. S3. CV performance for $\text{NaFe}_2\text{Mn}(\text{PO}_4)_3$ / MWCNTs material.

Fig. S4. XPS spectra for the $\text{NaFe}_2\text{Mn}(\text{PO}_4)_3$ / MWCNTs materials in the discharge and charge process. (a, b) The Fe 2p, Mn 2p XPS spectra for the $\text{NaFe}_2\text{Mn}(\text{PO}_4)_3$ / MWCNTs material in the charge process, (c, d) The Fe 2p, Mn 2p XPS spectra for the $\text{NaFe}_2\text{Mn}(\text{PO}_4)_3$ / MWCNTs material in the discharge process.

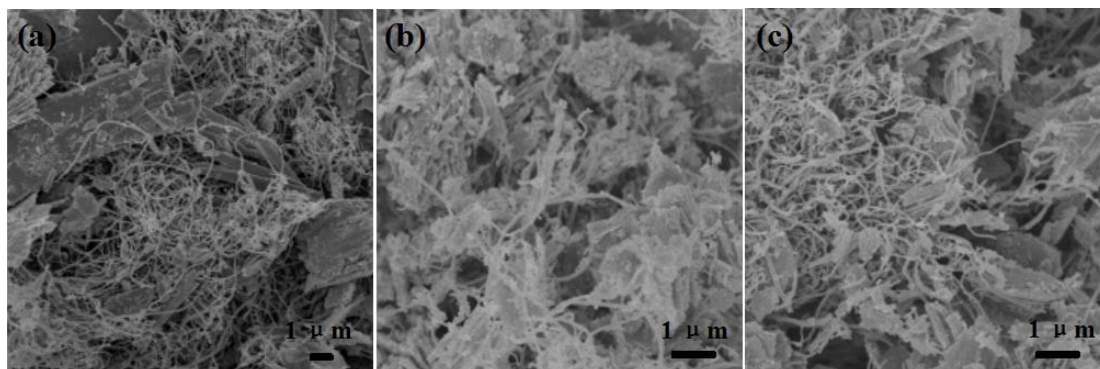


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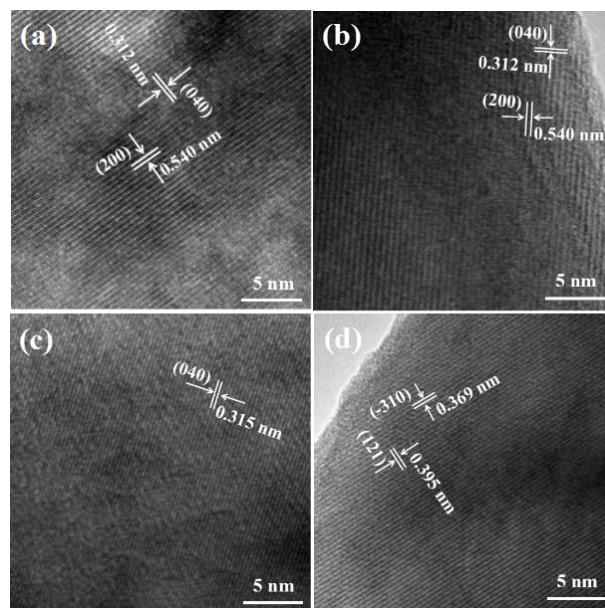


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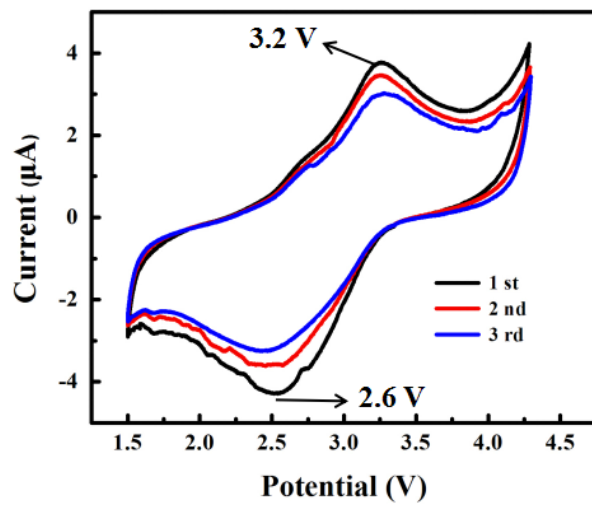


Fig. S3. CV performance for NaFe₂Mn(PO₄)₃ / MWCNTs material

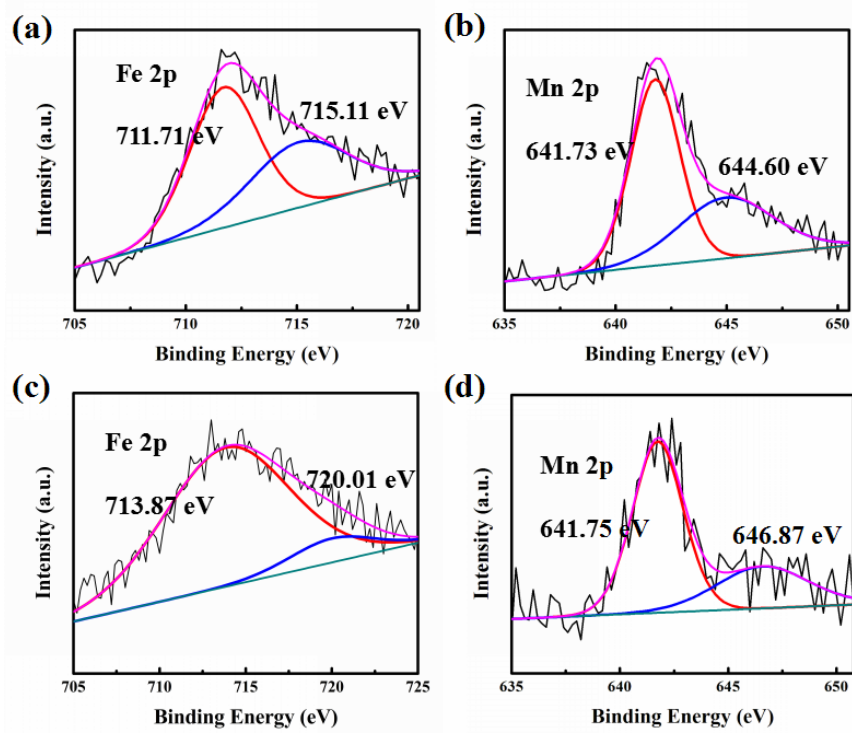


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