

CORRECTION

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www.rsc.org/MaterialsA**Correction: First-principles computational studies on layered $\text{Na}_2\text{Mn}_3\text{O}_7$ as a high-rate cathode material for sodium ion batteries**Zihe Zhang,^a Dihua Wu,^a Xu Zhang,^a Xudong Zhao,^a Haichang Zhang,^b Fei Ding,^b Zhaojun Xie^a and Zhen Zhou^{*a}Correction for 'First-principles computational studies on layered $\text{Na}_2\text{Mn}_3\text{O}_7$ as a high-rate cathode material for sodium ion batteries' by Zihe Zhang *et al.*, *J. Mater. Chem. A*, 2017, 5, 12752–12756.

The authors regret an error in the computation of the energy of each Na atom in the Na crystal in the original manuscript. The erroneous Na reference energy led to mistaken Na adsorption energy and then the average voltage. After revision, the voltage window is changed to 5.1–4.2 V, and the last step of Na deintercalation is endothermic. Therefore, in the abstract “3.6–3.1 V” should be changed to “5.1–4.2 V”. In Line 9, Left Column, Page 3, “exothermic” should be changed to “endothermic”; in Line 18, “3.60 V to 3.06 V” should be changed to “5.1 V to 4.2 V”. In Line 2, Right Column, Page 4, “3.6–3.1 V” should be changed to “5.1–4.2 V”. The correct version of Fig. 3 is shown below. Values in Tables S1 and S2 have also changed, and this is reflected in the updated ESI.

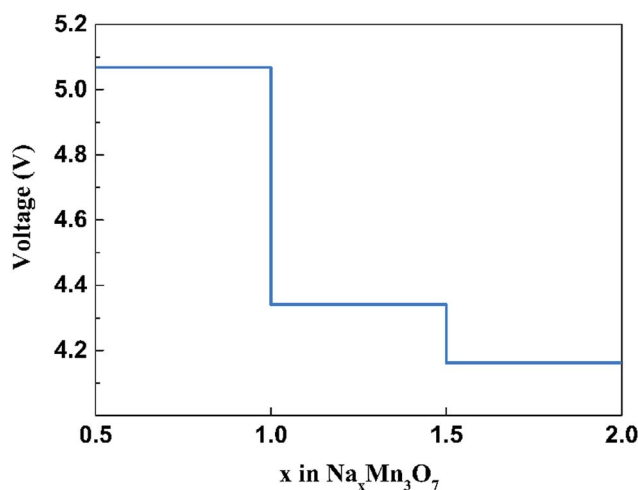


Fig. 3 The average voltage profile for $\text{Na}_2\text{Mn}_3\text{O}_7$ within the reversible range of 0.5–2.0.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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