

CORRECTION

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Correction: Ion exchange-induced $\text{Li}_x\text{Mg}_y\text{BO}_z$ coating synergized with reinforced bulk doping enables fast-charging long-cycling high-voltage LiCoO_2

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Correction for 'Ion exchange-induced $\text{Li}_x\text{Mg}_y\text{BO}_z$ coating synergized with reinforced bulk doping enables fast-charging long-cycling high-voltage LiCoO_2 ' by Ting Wang *et al.*, *Energy Environ. Sci.*, 2025, 18, 10444–10459, <https://doi.org/10.1039/d5ee04240b>.

The version of Fig. 5 in the original article was incorrect. Fig. 5 should appear as shown here.

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

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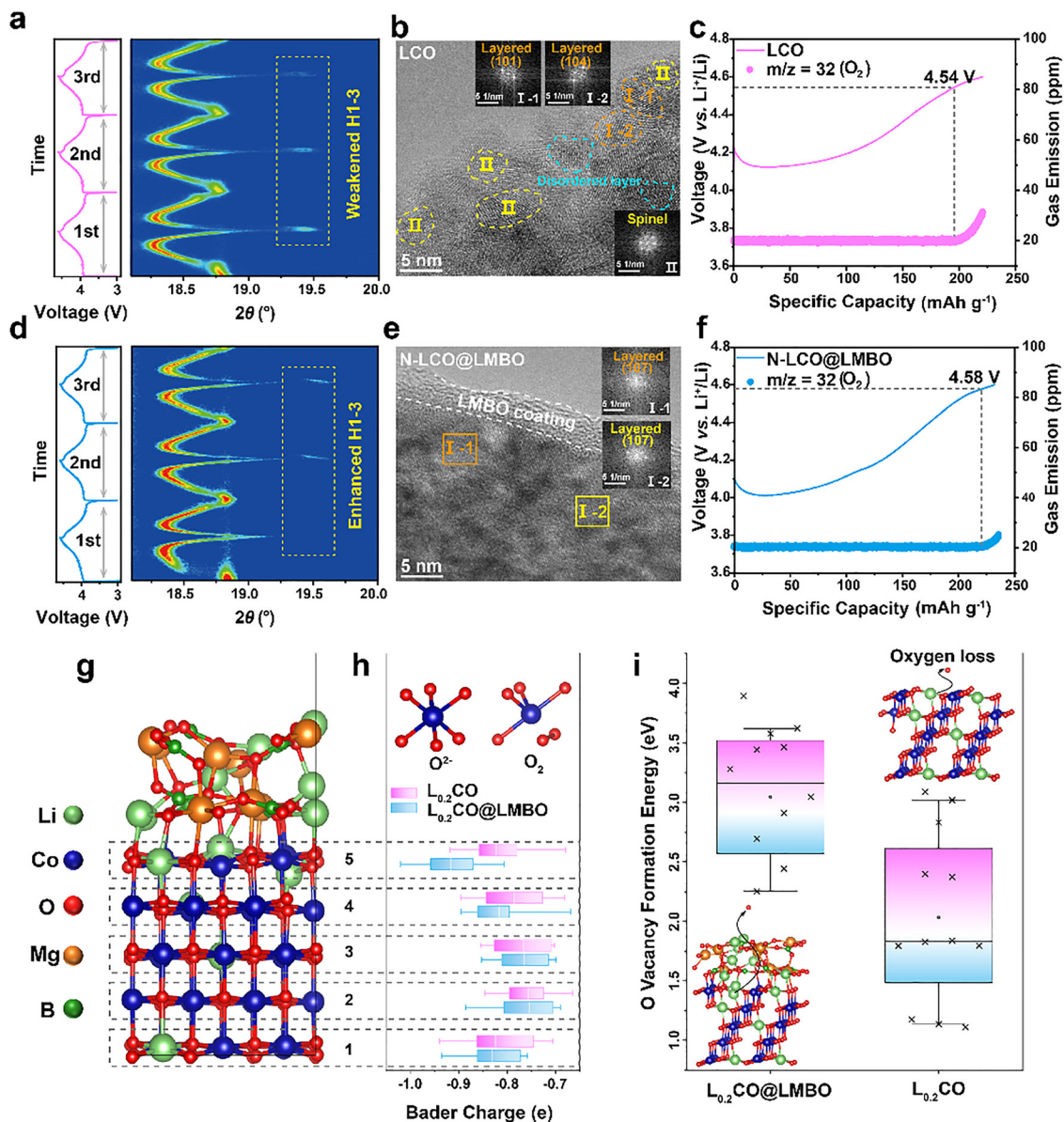


Fig. 5 (a) and (d) *In situ* XRD patterns and the corresponding charge–discharge curves of (a) LCO and (d) N-LCO@LMBO during the first three cycles at 0.2C. (b) and (e) HRTEM images and the corresponding FFT patterns of (b) LCO and (e) N-LCO@LMBO after 100 cycles at 3C between 3.0 and 4.6 V. (c) and (f) *In situ* DEMS test for (c) LCO and (f) N-LCO@LMBO by performing charging from 3.0 to 4.6 V at 0.2C. (g) The model of $L_{0.2}CO@LMBO$. (h) Boxplot depicting the Bader charge of O in corresponding layers of $L_{0.2}CO$ and $L_{0.2}CO@LMBO$. (i) Oxygen vacancy formation energy of the LCO top layer for $L_{0.2}CO$ and $L_{0.2}CO@LMBO$.

