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CORRECTION

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Correction: Ion exchange-induced $Li_xMg_yBO_z$ coating synergized with reinforced bulk doping enables fast-charging long-cycling high-voltage $LiCoO_2$

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Correction for 'Ion exchange-induced $Li_xMg_yBO_z$ 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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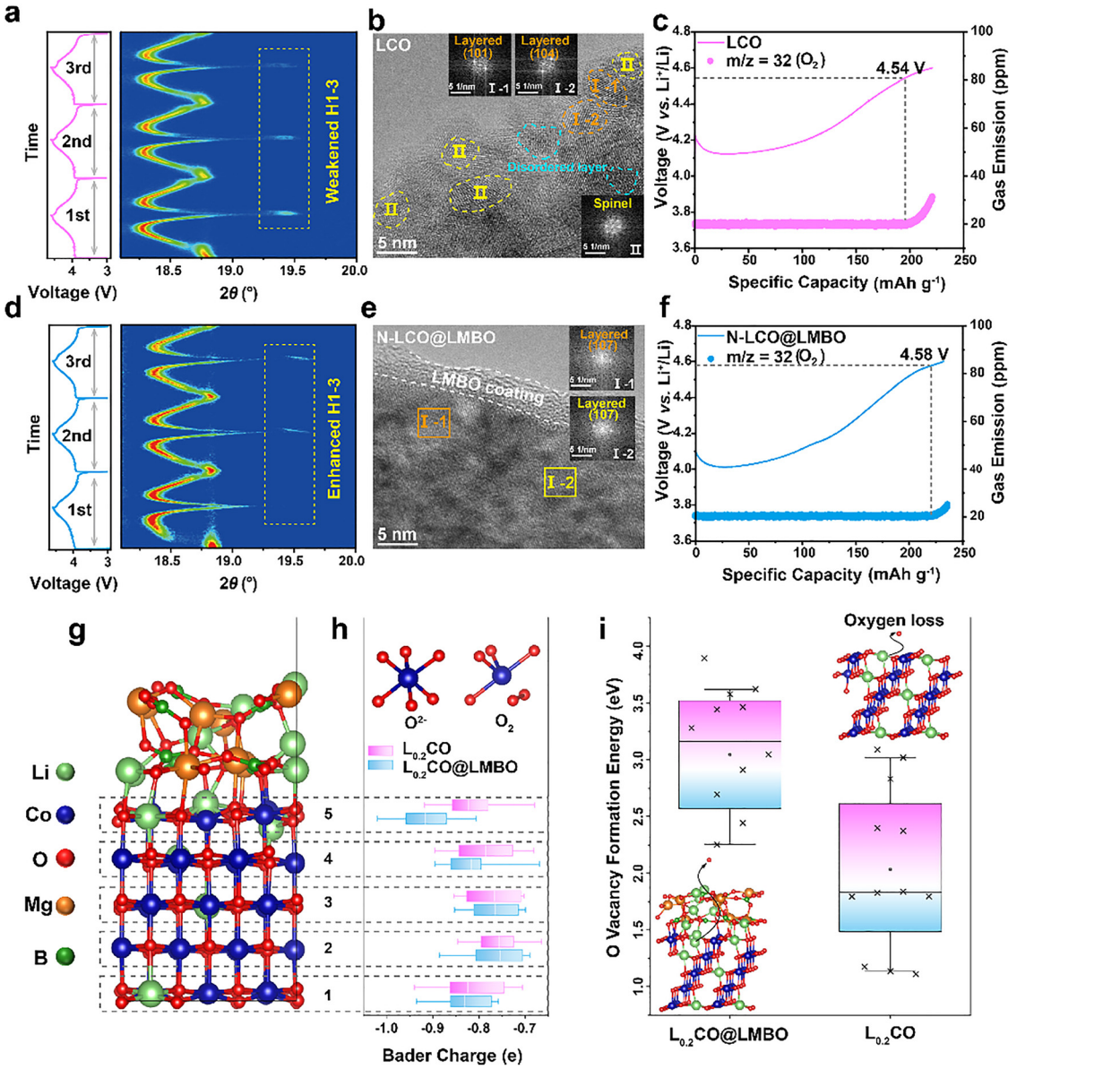

Fig. 5 (a) and (d) *In situ* XRD patterns and the corresponding charge–discharge curves of (a) LCO and (d) N-LCO@LMBO during the first three cycles at 0.2C. (b) and (e) HRTEM images and the corresponding FFT patterns of (b) LCO and (e) N-LCO@LMBO after 100 cycles at 3C between 3.0 and 4.6 V. (c) and (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.