Journal of Materials Chemistry A



View Article Online

View Journal | View Issue

CORRECTION

Check for updates

Cite this: J. Mater. Chem. A, 2022, 10, 17424

Correction: Effect of structure on oxygen diffusivity in layered oxides: a combined theoretical and experimental study

ChangSub Kim,^{ab} Kyoung-Won Park,^c Dmitri Kalaev,^a Clement Nicollet^{ad} and Harry L. Tuller^{*a}

DOI: 10.1039/d2ta90172b

rsc.li/materials-a

Correction for 'Effect of structure on oxygen diffusivity in layered oxides: a combined theoretical and experimental study' by ChangSub Kim *et al.*, *J. Mater. Chem. A*, 2022, **10**, 15402–15414, https://doi.org/ **10.1039/D2TA02580A**.

The authors regret that the values of δ in the last paragraph of Section 3.2 in the published article are incorrect. Specifically, the sentence "To describe the defects in experimentally prepared T- and T'-La₂CuO₄,^{31,32} we chose single and paired oxygen defects in eight unit cells of T- and T'-La₂CuO_{4± δ} (*i.e.*, $\delta = 1/64$ and 1/32)." in Section 3.2 should instead read as follows:

"To describe the defects in experimentally prepared T- and T'-La₂CuO₄, ^{31,32} we chose single and paired oxygen defects in eight unit cells of T- and T'-La₂CuO_{4± δ} (*i.e.*, $\delta = 1/16$ and 1/8)."

The authors confirm that the analysis and discussion were based on the correct values of δ and that these errors do not affect the overall conclusions of the article.

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

^aDepartment of Materials Science and Engineering, Massachusetts Institute of Technology, Cambridge, MA 02139, USA. E-mail: tuller@mit.edu

^bJet Propulsion Laboratory, California Institute of Technology, Pasadena, CA 91109, USA

^cMaterials Architecturing Research Center, Korea Institute of Science and Technology, 5 Hwarang-ro 14-gil Seongbuk-gu, Seoul 02792, Republic of Korea ^dUniversité de Nantes, CNRS, Institut des Matériaux Jean Rouxel, IMN, Nantes, France