

Cite this: *J. Mater. Chem. A*, 2021, 9, 5111

DOI: 10.1039/d1ta90025k

rsc.li/materials-a

Correction: Activating the lattice oxygen in $(\text{Bi}_{0.5}\text{Co}_{0.5})_2\text{O}_3$ by vacancy modulation for efficient electrochemical water oxidation

Huan Liu,^a Xiaoning Li,^b Cailing Peng,^a Liuyang Zhu,^a Yuanxi Zhang,^a Huiru Cheng,^c Jiameng Cui,^a Qingmei Wu,^a Yingying Zhang,^d Zezhi Chen,^a Wei Zou,^a Wen Gu,^a Haoliang Huang,^{bd} Jianlin Wang,^{bd} Bangjiao Ye,^c Zhengping Fu^{id}*^{abd} and Yalin Lu^{*abd}

Correction for 'Activating the lattice oxygen in $(\text{Bi}_{0.5}\text{Co}_{0.5})_2\text{O}_3$ by vacancy modulation for efficient electrochemical water oxidation' by Huan Liu *et al.*, *J. Mater. Chem. A*, 2020, 8, 13150–13159, DOI: 10.1039/D0TA03411H.

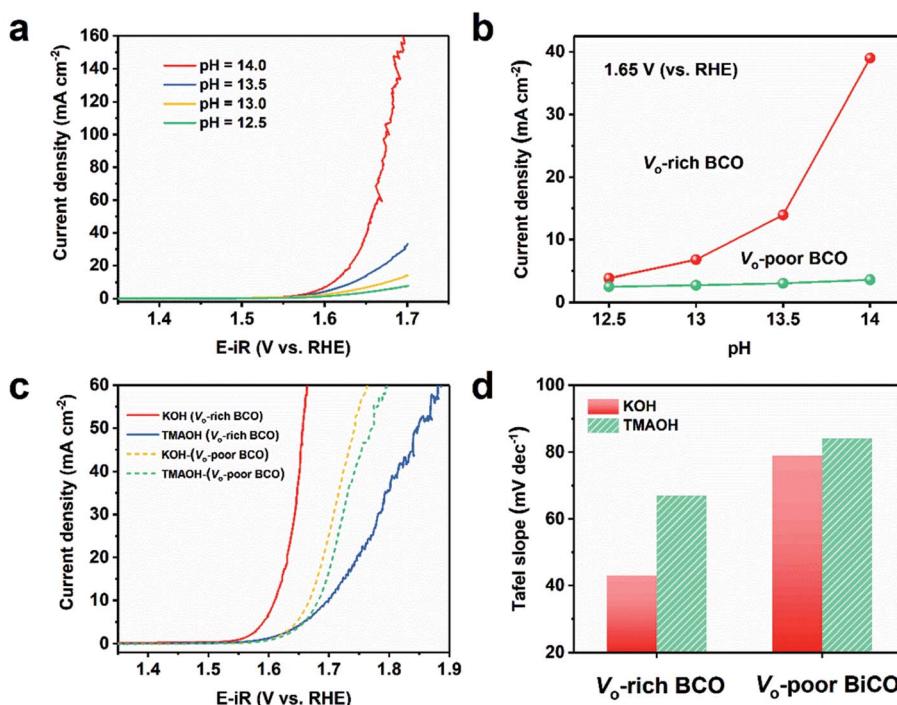


Fig. 4 (a) pH dependence of the OER activities of V_o -rich BCO. (b) Current densities of V_o -rich BCO and V_o -poor BCO at 1.65 V versus RHE as a function of pH value. (c) Polarization curves and (d) derived Tafel slope of V_o -rich BCO and V_o -poor BCO in 1.0 M KOH and TMAOH dissolved in H_2O , respectively.

^aDepartment of Materials Science and Engineering, CAS Key Laboratory of Materials for Energy Degradation, University of Science and Technology of China, Hefei 230026, P. R. China. E-mail: fuzp@ustc.edu.cn; yllu@ustc.edu.cn

^bSynergetic Innovation Center of Quantum Information and Quantum Physics, Hefei National Laboratory for Physical Sciences at Microscale, University of Science and Technology of China, Hefei 230026, P. R. China

^cState Key Laboratory of Particle Detection and Electronics, University of Science and Technology of China, Hefei 230026, P. R. China

^dAnhui Laboratory of Advanced Photon Science and Technology, University of Science and Technology of China, Hefei 230026, P. R. China



The authors regret a labelling error in Fig. 4. In Fig. 4c and d, the term 'TBAOH' should instead read 'TMAOH'. A corrected version of Fig. 4 is provided below.

Sample	Bi (%)	Co (%)	O (%)	Bi + Co (%)	δ content
V_o -rich BCO	20.31	21.71	57.98	42.02	0.24
V_o -poor BCO	20.51	20.88	58.61	41.39	0.16

Moreover, in Table S4, the two values in the final column (δ content) were accidentally placed the wrong way round. A corrected version of Table S4 is provided here.

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

