

CORRECTION

[View Article Online](#)
[View Journal](#) | [View Issue](#)Cite this: *J. Mater. Chem. A*, 2020, 8, 19057**Correction: *In situ* encapsulation of core–shell-structured Co@Co₃O₄ into nitrogen-doped carbon polyhedra as a bifunctional catalyst for rechargeable Zn–air batteries**Ziyang Guo,^a Fengmei Wang,^a Yuan Xia,^b Jinli Li,^a Andebet Gedamu Tamirat,^b Yanru Liu,^a Lei Wang,^{*a} Yonggang Wang^{*b} and Yongyao Xia^b

DOI: 10.1039/d0ta90204g

rsc.li/materials-aCorrection for '*In situ* encapsulation of core–shell-structured Co@Co₃O₄ into nitrogen-doped carbon polyhedra as a bifunctional catalyst for rechargeable Zn–air batteries' by Ziyang Guo et al., *J. Mater. Chem. A*, 2018, 6, 1443–1453, DOI: 10.1039/C7TA09958D.

The authors regret errors in Fig. 4 in the published article. In Fig. 4b, the XPS spectrum of Co 2p of Co@Co₃O₄@NC-700 was presented as the same as that of Co@Co₃O₄@NC-800. In Fig. 4c, the XPS spectrum of N 1s of Co@Co₃O₄@NC-900 was presented as the same as that of Co@Co₃O₄@NC-1000. The errors were attributable to the same data being repetitively imported in the graphics software. In addition, owing to the repetitive data import, the sample curves were mistakenly interchanged in Fig. 4b. The authors confirm that the errors have no effect on the conclusions of this paper. Furthermore, the authors state that the raw data of the XPS spectra shown in Fig. 4 are available from the first author (Z. G.) and/or the corresponding authors (L. W. and Y. W.) upon request. The corrected version of Fig. 4b and c is shown below:

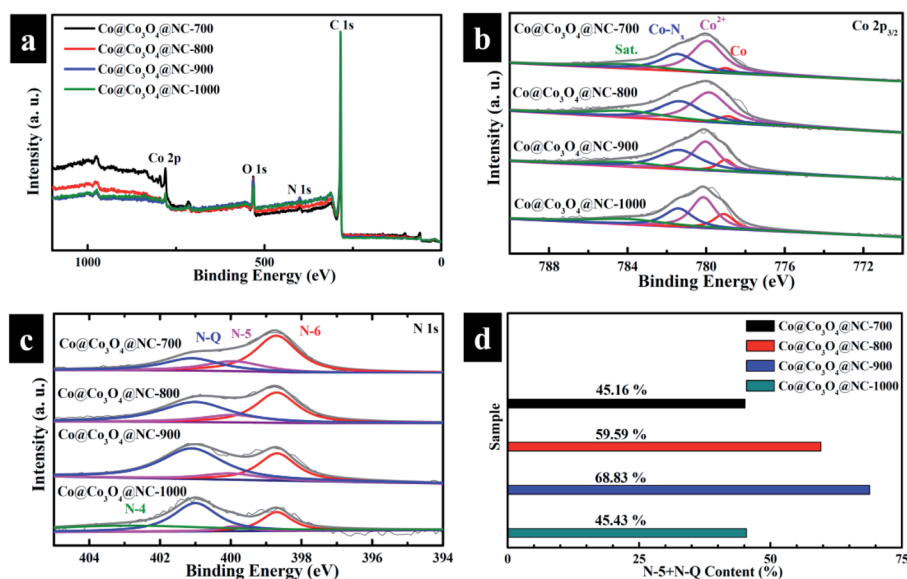


Fig. 4 (a) Full XPS spectra of Co@Co₃O₄@NC-700, Co@Co₃O₄@NC-800, Co@Co₃O₄@NC-900 and Co@Co₃O₄@NC-1000; high-resolution XPS spectra of (b) Co 2p and (c) N 1s for these four samples, and (d) their percentages of N-5 and N-Q species calculated from N 1s spectra.

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

^aKey Laboratory of Eco-chemical Engineering, Ministry of Education, College of Chemistry and Molecular Engineering, Qingdao University of Science and Technology, Qingdao 266042, China. E-mail: inorchemwl@126.com; Fax: +86-21-51630318; Tel: +86-21-51630318

^bDepartment of Chemistry, Shanghai Key Laboratory of Molecular Catalysis and Innovative Materials, Institute of New Energy, Fudan University, Shanghai 200433, China. E-mail: ygwang@fudan.edu.cn