ROYAL SOCIETY
OF CHEMISTRY

CORRECTION

Check for updates

Correction: Shape-controlled synthesis of porous Co$_3$O$_4$ nanostructures for application in supercapacitors

Ting Zhu, Jun Song Chen and Xiong Wen Lou*

Correction for 'Shape-controlled synthesis of porous Co$_3$O$_4$ nanostructures for application in supercapacitors' by Ting Zhu *et al.*, *J. Mater. Chem.*, 2010, **20**, 7015–7020, https://doi.org/10.1039/C0JM00867B.

The authors regret errors within the manuscript. In Fig. 2 of the original article, the original data file of sample III was misused for sample II when plotting the figure in Origin, causing the two XRD patterns for both samples II and III to be identical. Based on the original XRD data and experimental records, the correct version of Fig. 2 is replotted and shown below.
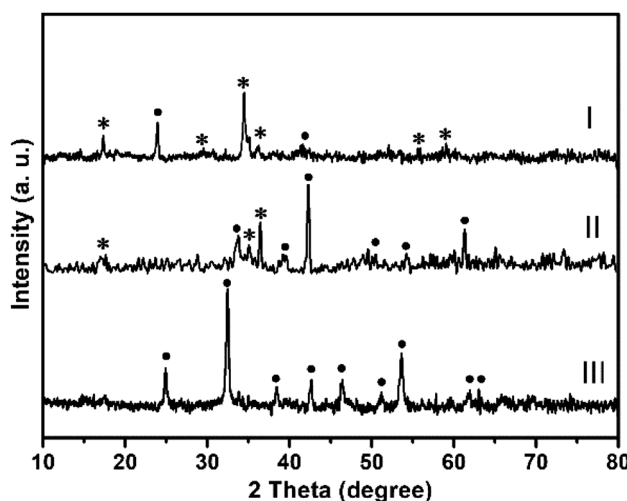

Fig. 2 X-Ray diffraction (XRD) patterns of as-prepared samples I, II and III. The peaks marked by black dots and asterisks are attributed to CoCO$_3$ and β-Co(OH)$_2$, respectively.

The discussion beginning "On the other hand, indicated by patterns II and III…" in the third paragraph of the "Results and discussion" section (p 7016) has been revised. The corrected sentences are:

"On the other hand, indicated by patterns II and III, the crystal phase of sample III is mainly CoCO$_3$ as the synthetic system does not contain added water (see Table 1), while mixed phases of CoCO$_3$ and β-Co(OH)$_2$ can be detected for sample II which may be due to a lower dosage of the used Co^{2+} as well as the existence of trace amount of hydrated water in copper acetate. All the identified peaks for sample III can be indexed to the rhombohedral phase of CoCO$_3$ (JCPDS file no. 11-0692), and the absence of other diffraction peaks affirms the phase-purity of these cobalt-based intermediates."

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

School of Chemical and Biomedical Engineering, Nanyang Technological University, 70 Nanyang Drive, Singapore, 637457, Singapore. E-mail: xwlou@ntu.edu.sg

This journal is © The Royal Society of Chemistry 2023

J. Mater. Chem. A, 2023, 11, 23087 | **23087**