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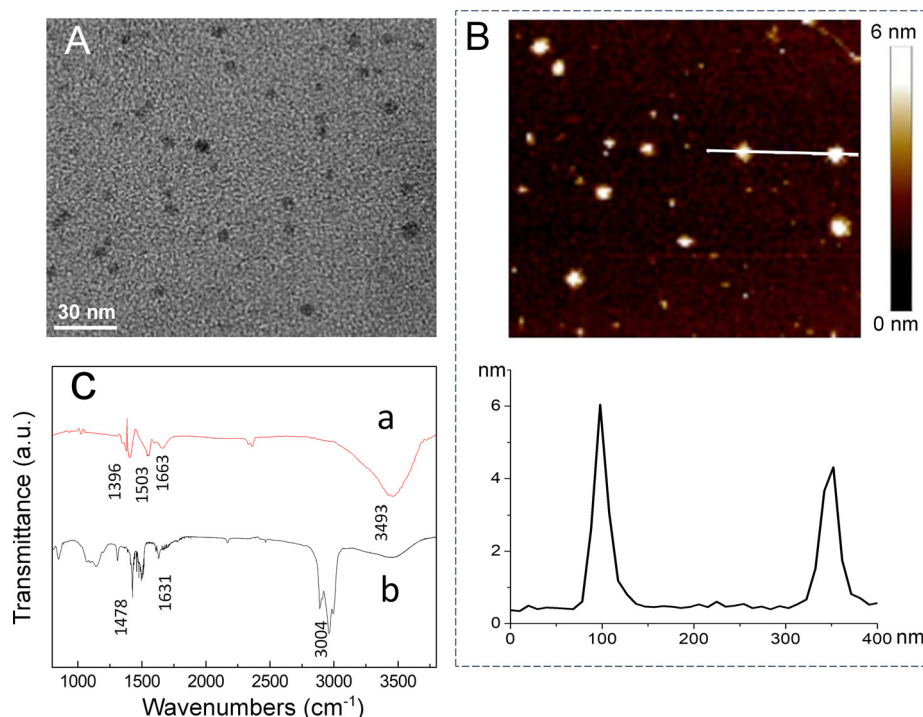
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## Correction: Development of a carbon quantum dots-based fluorescent Cu<sup>2+</sup> probe suitable for living cell imaging

Qiang Qu,<sup>a</sup> Anwei Zhu,<sup>a</sup> Xiangling Shao,<sup>a</sup> Guoyue Shi<sup>b</sup> and Yang Tian<sup>\*a</sup>

Correction for 'Development of a carbon quantum dots-based fluorescent Cu<sup>2+</sup> probe suitable for living cell imaging' by Qiang Qu *et al.*, *Chem. Commun.*, 2012, **48**, 5473–5475, <https://doi.org/10.1039/C2CC31000G>.

The authors regret that some incorrect data were included in the original article. Fig. 1A and B contain TEM and AFM images showing the morphology of the carbon dots. These images were from the authors' previous work<sup>1</sup> and were included in error. The carbon dots in the two articles were synthesized under the same experimental conditions according to the previously reported electrochemical method.<sup>2</sup> The authors have repeated these experiments and obtained carbon dots with an average size of around 5 nm, consistent with the previous data. These corrected data are shown in Fig. 1 below.



**Fig. 1** (A) Representative TEM image of carbon dots (CQDs). (B) AFM topography image of CQDs on a silicon substrate, with the height profile along the line in the topographic image. (C) IR spectra of the as-prepared (a) CQDs and (b) CQD-TPEA.

<sup>a</sup> Department of Chemistry, Tongji University, Siping Road 1239, Shanghai 200092, P. R. China. E-mail: yangtian@mail.tongji.edu.cn; Fax: +86 21-6598-1097; Tel: +86 21-6598-7075

<sup>b</sup> Department of Chemistry, East China Normal University, Zhongshan Road (N) 3663, Shanghai 200062, P. R. China



There was also an error in the original supplementary information file. Fig. S4 shows the reaction rate between CQD-TPEA and  $\text{Cu}^{2+}$  at pH 7.0. In the original file, the figure showed data obtained at pH 7.4 in error. The authors have repeated the experiments at the correct conditions of pH 7.0 and these corrected data are shown in the updated version of the supplementary information which has been republished. The corrected data in Fig. 1 and Fig. S4 do not affect the results and conclusions of the article.

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

## References

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- 2 H. Li, X. He, Z. Kang, H. Huang, Y. Liu, J. Liu, S. Lian, C. H. A. Tsang, X. Yang and S.-T. Lee, *Angew. Chem., Int. Ed.*, 2010, **49**, 4430–4434.

