

CORRECTION

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Correction: Cr(VI) removal by magnetic carbon nanocomposites derived from cellulose at different carbonization temperatures

Bin Qiu,^{abc} Yiran Wang,^b Dezhi Sun,^{*a} Qiang Wang,^a Xin Zhang,^d Brandon L. Weeks,^d Ryan O'Connor,^e Xiaohua Huang,^e Suying Wei^{*c} and Zhanhu Guo^{*b}Correction for 'Cr(VI) removal by magnetic carbon nanocomposites derived from cellulose at different carbonization temperatures' by Bin Qiu et al., *J. Mater. Chem. A*, 2015, 3, 9817–9825, DOI: 10.1039/C5TA01227A.

Parts of the data presented in Fig. 2 and 3 are incorrect. The authors have repeated the experiments to provide replacement data for Fig. 2(B) and (C), Fig. 3(B) and (C). The new XRD patterns of the samples were measured in Prof. Luyi Sun's Lab at University of Connecticut, and the new Raman spectra were measured in Prof. Xiaohua Huang's Lab at The University of Memphis, USA. This correction does not alter the conclusions presented in this *Journal of Materials Chemistry A* paper.

(1) The corrected Fig. 2(B) and (C) are shown as following.

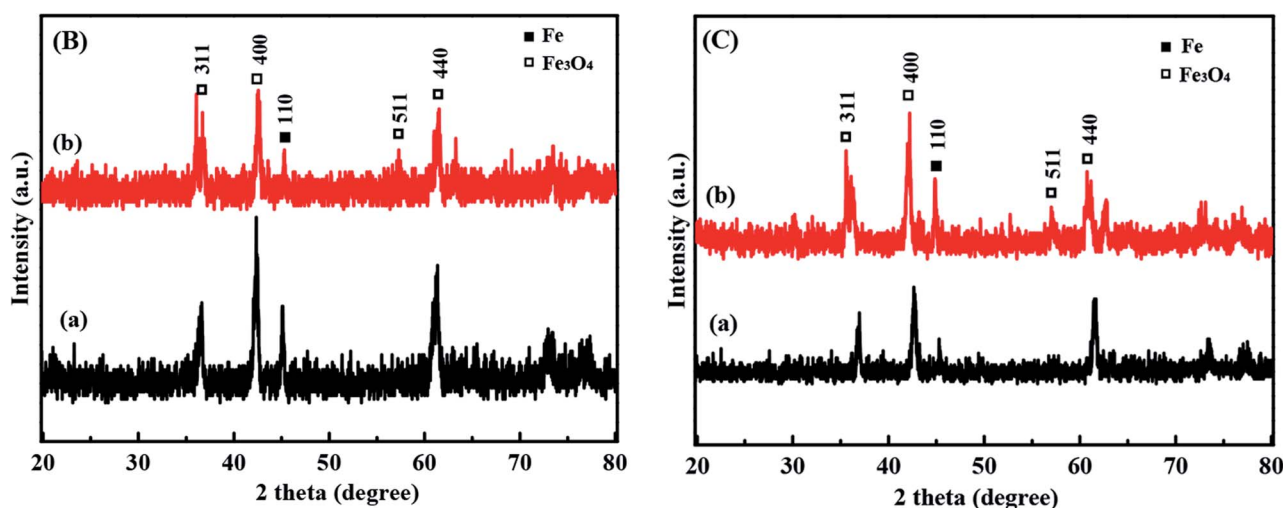


Fig. 2 XRD patterns of magnetic carbons synthesized (B) at heating rates of (a) 2 and (b) 5 °C min⁻¹ (final temperature: 800 °C); and (C) with a retention time of (a) 30 and (b) 60 min (heating rate: 10 °C min⁻¹, final temperature: 800 °C).

(2) The corrected Fig. 3(B) and (C) are shown as following.

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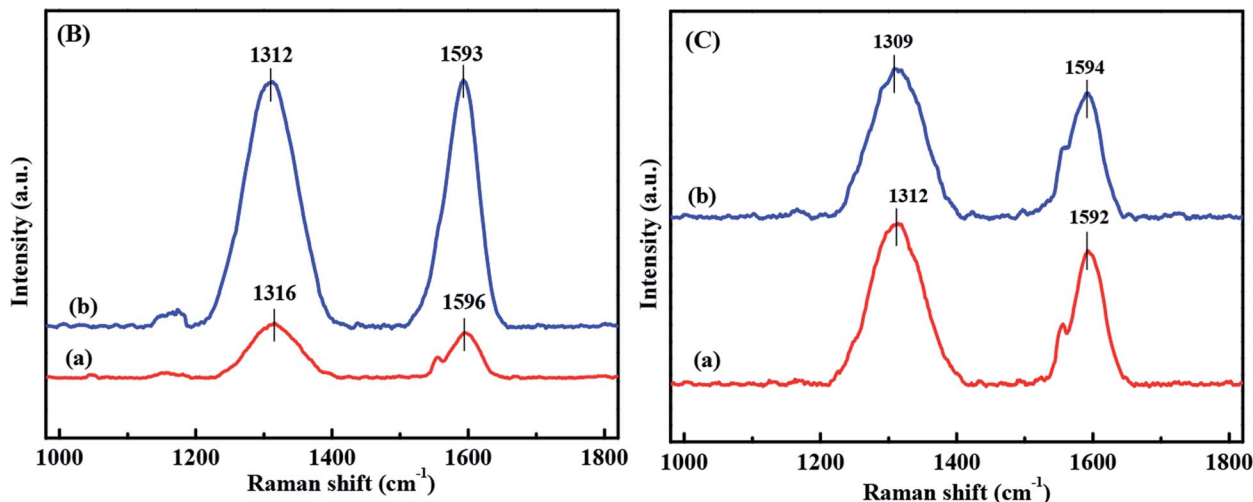


Fig. 3 Raman spectra of magnetic carbons synthesized (B) at heating rates of (a) 2 and (b) 5 °C min⁻¹ (final temperature: 800 °C); and (C) with a retention time of (a) 30 and (b) 60 min (heating rate: 10 °C min⁻¹, final temperature: 800 °C).

The sentence at page 9818 “2.0 g of cellulose was then mixed with the Fe(NO₃)₃ solution” should be corrected as “20.0 g of cellulose was then mixed with the Fe(NO₃)₃ solution”.

The sentence at page 9820 “The I_D/I_G ratios of MC8-5 and MC8-2 are 1.15 and 1.10” should be corrected as “The I_D/I_G ratios of MC8-5 and MC8-2 are 1.00 and 1.21”.

The sentence at page 9820 “The D-band peak of both MC8-10-30 and MC8-10-60 is observed to be shifted to a lower wavenumber (1292 cm⁻¹), while the G-band peak is shifted to a higher wavenumber (1577 cm⁻¹)” should be corrected as “The D-band peak of both MC8-10-30 and MC8-10-60 is observed to be shifted to the lower wavenumbers, while the G-band peak is shifted to the higher wavenumbers”.

The sentence at page 9821 “The I_D/I_G of MC8-10-30 and MC8-10-60 are 1.33 and 1.38” should be corrected as “The I_D/I_G of MC8-10-30 and MC8-10-60 are 1.19 and 1.18”.

The authors appreciate the support from the readers, editors and publisher. Meanwhile, the authors apologize for this confusion caused by this mistake.

Acknowledgements

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