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Correction: Removal of Cu(II) from aqueous solution using Fe₃O₄–alginate modified biochar microspheres

Changjiang Yu,^{ab} Miao Wang,^b Xinyu Dong,^b Zaifeng Shi,^b Xiaopeng Zhang^b and Qiang Lin^{*ab}Correction for 'Removal of Cu(II) from aqueous solution using Fe₃O₄–alginate modified biochar microspheres' by Changjiang Yu *et al.*, *RSC Adv.*, 2017, 7, 53135–53144.

The authors regret that there were some errors in the XRD analysis for SiO₂ in the original article (p. 53142, Section 3.6.4). The two sentences beginning 'The diffraction peaks at $2\theta = 22.0^\circ$ and 42.0° ...' are corrected as follows:

"The diffraction peaks at $2\theta = 20.9^\circ$, 40.3° and 42.5° are assigned to the (1 0 0), (1 1 1) and (2 0 0) planes, respectively. The angular position of the diffraction line corresponded to the amorphous structure SiO₂, in accordance with the database of the SiO₂ standard card (JCPDS no. 65-0466)".

The correspondingly updated Fig. 11 is presented below.

In addition, there was an error in the variable name of the right-hand y-axis of Fig. 4. The updated figure, in which 'DTG' has been revised to 'Derivative weight' is presented below.

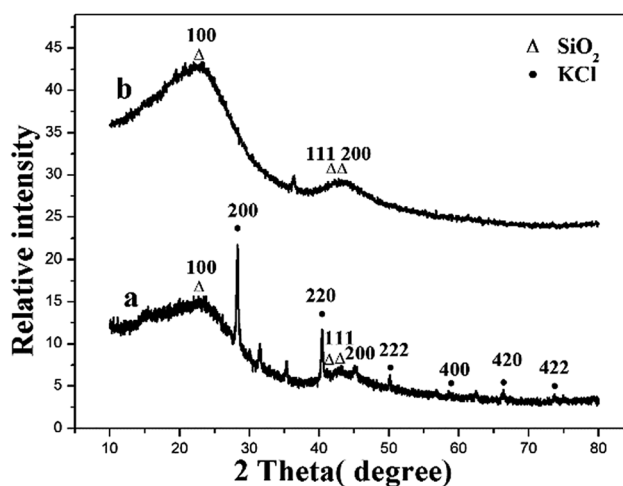


Fig. 11 XRD pattern of biochar before (a) and after (b) Cu(II) adsorption.

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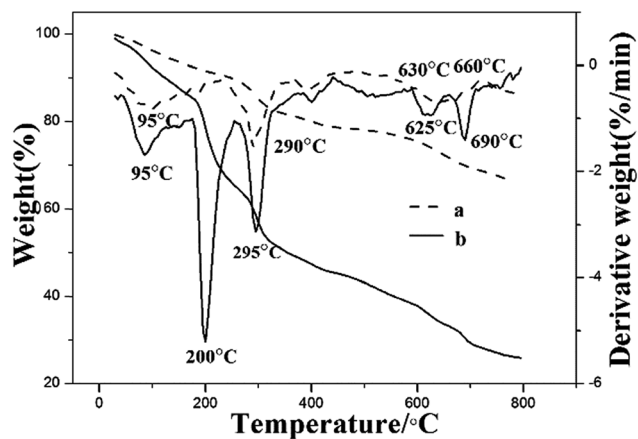


Fig. 4 TG and DTG curves of magnetic microsphere (a) and calcium alginate (b).

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

