



CORRECTION

Correction to: Natural nanofiber-based stacked porous nitrogen-doped carbon/NiFe₂O₄ nano hybrid nanosheets

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In the original article the XRD data was used to prove that the intimately anchored NiFe₂O₄ nanoparticles can be partially reduced to the nickel–iron alloy during the carbonization. We recently found that we had inadvertently used the data for the 1.5 mM sample for both the 1.5 mM and the 3.0 mM plots of Fig. 3a. When the correct 3.0 mM data were plotted, as shown on the corrected Fig. 3a, the peaks of the 3.0 mM diffraction pattern show the same locations with the peaks of the other sample diffraction pattern. The XRD pattern of the 3.0 mM sample not only exhibits characteristic diffraction peaks of NiFe₂O₄ nanoparticles and amorphous carbon, but also exhibits characteristic diffraction peaks of Fe_{0.64}Ni_{0.36} alloy. Therefore, this confirms that the tightly anchored

NiFe₂O₄ nanoparticles in the 3.0 mM sample can be partially reduced to nickel–iron alloy during the carbonization process.

The XRD data of Fig. 3a was revised as follows:

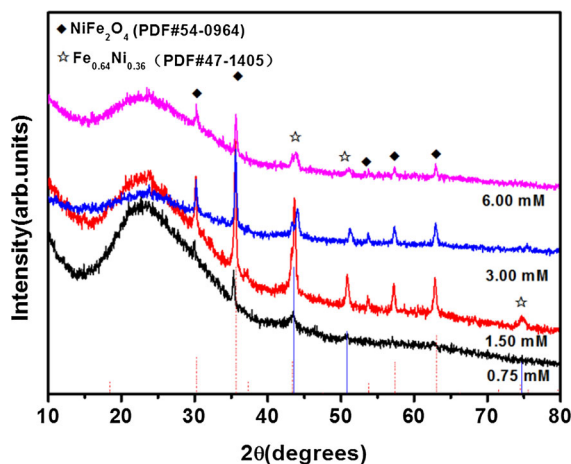


Fig. 3 (a) XRD of nitrogen-doped carbon/NiFe₂O₄ (NC/NiFe₂O₄-X/Y/Z, X is the total content of metal ions, Y is the carbonization temperature and Z is the carbonization time) nanosheets

The original article can be found online at <https://doi.org/10.1007/s10570-019-02843-w>.

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