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## Correction: Magnetic response of photonic crystals based on nucleating agents of binuclear complexes

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Chaocan Zhang\*Correction for 'Magnetic response of photonic crystals based on nucleating agents of binuclear complexes' by Mengdong Tu *et al.*, *J. Mater. Chem. C*, 2023, **11**, 16922–16927, <https://doi.org/10.1039/D3TC02786D>.

The authors regret errors in Fig. 2, Fig. 5 and eqn (2) of the published article.

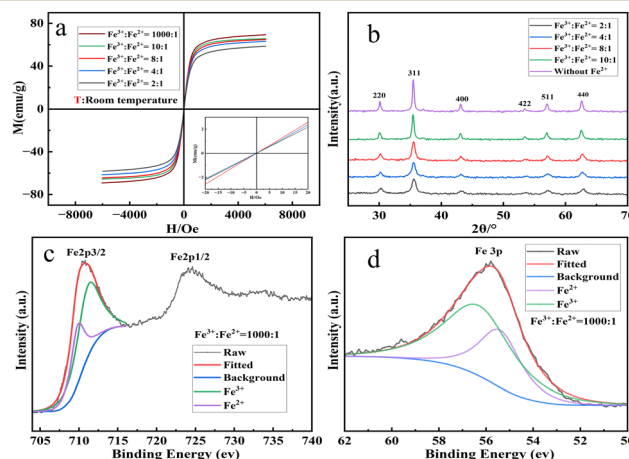
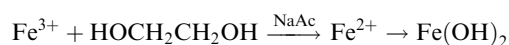
In Fig. 2c, the XPS peak at 724.1 eV was incorrectly marked as Fe 2p<sub>3/2</sub>, it should be Fe 2p<sub>1/2</sub>. The corrected version of Fig. 2 is as follows (the caption remains unchanged):

Fig. 2 (a) Room-temperature magnetization curves of nano Fe<sub>3</sub>O<sub>4</sub> products with various precursor Fe<sup>3+</sup>/Fe<sup>2+</sup> ratios. (b) X-Ray diffraction patterns of the nano Fe<sub>3</sub>O<sub>4</sub> products derived from various precursor Fe<sup>3+</sup>/Fe<sup>2+</sup> ratios. XPS patterns for Sample 3, including (c) Fe 2p and (d) Fe 3p spectra.

In eqn (2), the first mention of Fe<sup>2+</sup> should be Fe<sup>3+</sup>. The correct version of eqn (2) is shown here:

In Fig. 5, some element symbols O and C were incorrectly shown in the binuclear iron complex. The corrected version of Fig. 5 is as follows (the caption remains unchanged):



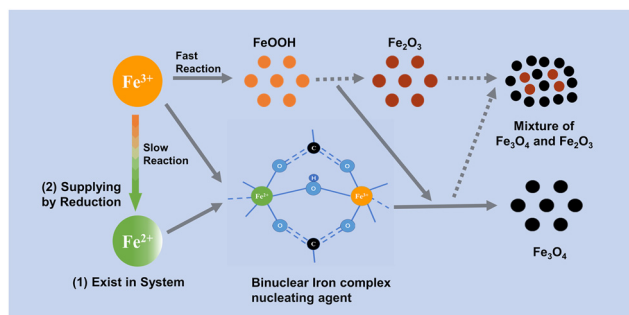


Fig. 5 Schematic diagram of the nucleation mechanism of a binuclear iron complex.

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

