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CORRECTION

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

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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 $2p_{3/2}$, it should be Fe $2p_{1/2}$. The corrected version of Fig. 2 is as follows (the caption remains unchanged):

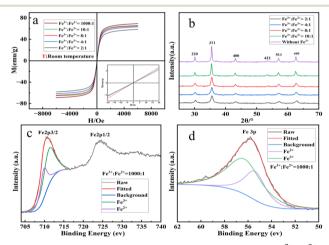


Fig. 2 (a) Room-temperature magnetization curves of nano Fe_3O_4 products with various precursor Fe^{3+}/Fe^{2+} ratios. (b) X-Ray diffraction patterns of the nano Fe₃O₄ products derived from various precursor Fe³⁺/Fe²⁺ ratios. XPS patterns for Sample 3, including (c) Fe 2p and (d) Fe 3p spectra.

In eqn (2), the first mention of Fe²⁺ should be Fe³⁺. The correct version of eqn (2) is shown here:

$$Fe^{3+} + HOCH_2CH_2OH \xrightarrow{NaAc} Fe^{2+} \rightarrow Fe(OH)_2$$

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):

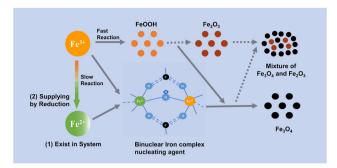


Fig. 5 Schematic diagram of the nucleation mechanism of a binuclear iron complex.

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