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Correction: Controlled synthesis of water-dispersible and superparamagnetic Fe₃O₄ nanomaterials by a microwave-assisted solvothermal method: from nanocrystals to nanoclusters

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Correction for 'Controlled synthesis of water-dispersible and superparamagnetic Fe₃O₄ nanomaterials by a microwave-assisted solvothermal method: from nanocrystals to nanoclusters' by Xunan Jing et al., *CrystEngComm*, 2017, 19, 5089–5099, <https://doi.org/10.1039/C7CE01191A>.

The authors regret some errors in the caption of Fig. 2, as well as in the image and caption of Fig. 3 of the published article where the detailed experimental parameters for the SPION crystals and SPION clusters were incorrectly assigned to the data. This correction does not affect the results and conclusions of the paper. The corrected caption of Fig. 2 and the corrected Fig. 3 with corresponding caption are shown below.

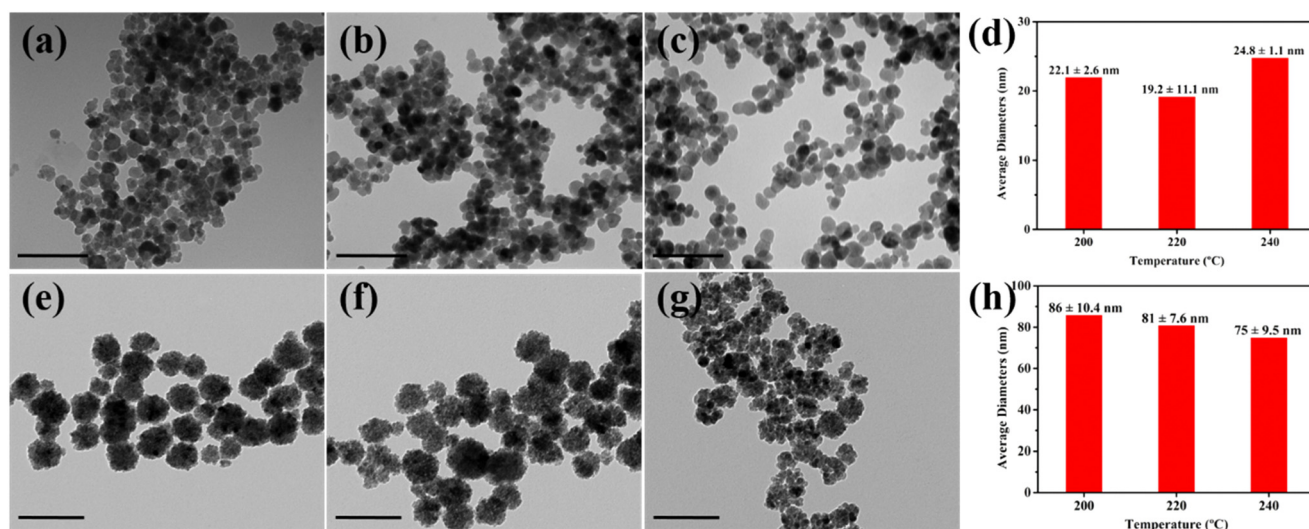


Fig. 3 TEM images of (a–c) SPION crystals and (e–g) SPION clusters obtained at different temperatures: (a and e) 200 °C, (b and f) 220 °C, and (c and g) 240 °C, while simultaneously maintaining other experimental parameters constant ($\text{FeCl}_3 \cdot 6\text{H}_2\text{O}_{\text{SPION crystal}} = 0.8115 \text{ g}$, $\text{NaAc} \cdot 3\text{H}_2\text{O} = 4.0 \text{ g}$, $\text{Na}_3\text{Cit} = 0.4 \text{ g}$, time = 3 h; and $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}_{\text{SPION cluster}} = 1.3525 \text{ g}$, $\text{NaAc} \cdot 3\text{H}_2\text{O} = 4.0 \text{ g}$, $\text{Na}_3\text{Cit} = 0.4 \text{ g}$, time = 2 h). The scale bars of the TEM images in (a–c) and (e–g) represent 100 nm. The corresponding size statistics of (d) SPION crystals and (h) SPION clusters.

Fig. 2 TEM images of (a–c) SPION crystals and (e–g) SPION clusters with different amounts of reactants ($\text{NaAc} \cdot 3\text{H}_2\text{O}$): (a and e) 2 g, (b and f) 4 g, and (c and g) 6 g, while simultaneously maintaining other experimental parameters constant

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($\text{FeCl}_3 \cdot 6\text{H}_2\text{O}_{\text{SPION crystal}} = 0.8115 \text{ g}$, $\text{temperature}_{\text{SPION crystal}} = 240 \text{ }^\circ\text{C}$, $\text{Na}_3\text{Cit} = 0.4 \text{ g}$, $\text{time} = 3 \text{ h}$; and $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}_{\text{SPION cluster}} = 1.3525 \text{ g}$, $\text{temperature}_{\text{SPION cluster}} = 200 \text{ }^\circ\text{C}$, $\text{Na}_3\text{Cit} = 0.4 \text{ g}$, $\text{time} = 2 \text{ h}$). The scale bars of the TEM images in (a–c) and (e–g) represent 100 nm. The corresponding size statistics of (d) SPION crystals and (h) SPION clusters.

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

