



Cite this: *RSC Adv.*, 2025, 15, 19581

## Retraction: Synthesis and application of monodisperse hydrophobic magnetite nanoparticles as an oil spill collector using an ionic liquid

Ayman M. Atta,<sup>\*ab</sup> Abdelrhman O. Ezzat<sup>a</sup> and Ahmed I. Hashem<sup>c</sup>

DOI: 10.1039/d5ra90072g

rsc.li/rsc-advances

Retraction of 'Synthesis and application of monodisperse hydrophobic magnetite nanoparticles as an oil spill collector using an ionic liquid' by Ayman M. Atta *et al.*, *RSC Adv.*, 2017, 7, 16524–16530, <https://doi.org/10.1039/C7RA02426F>.

The Royal Society of Chemistry, with the agreement of the authors, hereby wholly retracts this *RSC Advances* article due to concerns with the reliability of the data.

The TEM data in Fig. 4 has multiple repeating sections. The authors were not able to provide the original raw data nor satisfactorily explain the concerns.

Given the significance of these concerns, the findings presented in this paper are no longer reliable.

The authors were informed of the decision to retract this article. Ayman M. Atta has not agreed with the decision and the other authors have not responded.

Signed: Laura Fisher, Executive Editor, *RSC Advances*

Date: 28th May 2025

<sup>a</sup>Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia. E-mail: aatta@ksu.edu.sa

<sup>b</sup>Petroleum Application Department, Egyptian Petroleum Research Institute, Nasr City 11727, Cairo, Egypt

<sup>c</sup>Chemistry Department, Faculty of Science, Ain Shams University, Abasia, 11566 Cairo, Egypt

