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RETRACTION

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Retraction: Interfacial adsorption study of nitrogen based inhibitors in silane nanocontainers as anticorrosive and self-healing material for steel in strong acid solution

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Retraction of 'Interfacial adsorption study of nitrogen based inhibitors in silane nanocontainers as anticorrosive and self-healing material for steel in strong acid solution' by Darris M. S. *et al.*, *J. Mater. Chem. A*, 2023, Accepted Manuscript, https://doi.org/10.1039/D3TA02203J.

The Royal Society of Chemistry hereby wholly retracts this Accepted Manuscript of *Journal of Materials Chemistry A* article, with the agreement of the authors, due to concerns with the reliability of the sample characterisation.

After this manuscript had been published, the authors requested that Fig. 7(a–c) be replaced. The authors provided revised versions of the duplicate figures (7a–c), as well as additional BET and TEM data. The journal team consulted with an independent expert who concluded that the new data does not adequately demonstrate the mesoporous silica supported on graphene oxide structure described in this manuscript. The expert also concluded that the additional TEM images provided by the author do not clearly show the claimed structure, nor that the additional BET results display the expected properties.

To avoid the possibility of publishing a claimed structure which is not fully evidenced, the Royal Society of Chemistry has chosen to retract this paper to protect the rigour of the scientific record.

This retraction supersedes the information provided in the Expression of Concern related to this article.

The authors were informed about the retraction of the article and agreed with the decision.

Signed: Michaela Muehlberg, Executive Editor, *Journal of Materials Chemistry A*
Date: 1st March 2024

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