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EXPRESSION OF CONCERN

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Expression of concern: 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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Expression of concern for '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, https://doi.org/10.1039/d3ta02203j.

The following article '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. and S. M. A. Shibli has been published in *Journal of Materials Chemistry A*. The article reports the preparation and characterization of different nitrogen-based corrosion inhibitor-loaded mesoporous silica nanocomposites and their effect in 20% H_2SO_4 solution for the control of the long-term oxidation rate on steel surfaces.

Journal of Materials Chemistry A is publishing this expression of concern in order to alert our readers that we are presently unable to confirm the accuracy of the FESEM data reported in the ESI Fig. S3 and the BET data reported in Fig. 8g–i and Table S1 concerning the mesoporous nature of the material.

The authors are in the process of repeating the synthesis and characterisation of the material to confirm the existence of mesoporosity.

This notice will be updated when a conclusive outcome is reached.

Michaela Muëhlberg

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Executive Editor, *Journal of Materials Chemistry A*

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