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Retraction Note: Chemical, electrochemical and surface studies of new metal–organic frameworks (MOF) as corrosion inhibitors for carbon steel in sulfuric acid environment

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Retraction of: *Scientific Reports* <https://doi.org/10.1038/s41598-021-99700-3>, published online 12 October 2021

The Editors have retracted this Article. After publication, concerns were raised regarding similarities between this Article and previous works from the same Authors.

Specifically:

- Figures 1, S1 and S2 appear highly similar to Figures 1, 2 and 3 in [1];
- Figure 2 appears highly similar to Figure 1 in [2];
- Figure 12 appears highly similar to Figure 14 in [3];
- Table 3 appears to overlap with Table 1 in [1], with the exception of the parameter "Formula weight".

The Authors did not respond to the requests for clarifications. The Editors therefore no longer have confidence in the presented data.

Safaa Eldin H. Etaiw agrees with the retraction and its wording. Abd El-Aziz S. Fouda did not respond to the correspondence about the retraction. The Editors were not able to obtain the current contact details for Gannat S. Hassan.

References

1. Etaiw, S. E. D. H., Shalaby, E. M., Abd El-Aziz, D. M. & Elzeny, I. Ultrasound irradiation synthesis and crystal structure of Co (II) thiocyanate supramolecular complex: Photocatalytic and sonocatalytic degradation of methyl violet 2B dye. *Appl. Organometal. Chem.* **35**(4), e6159. <https://doi.org/10.1002/aoc.6159> (2021).
2. Etaiw, S. E. H., Abd ElAziz, D. M., Shalaby, E. M. & Elzeny, I. X-ray structure of host-guest nanosized organotin supramolecular coordination polymer based on cobalt cyanide and quinoxaline as an efficient catalyst for treatment of waste water. *Appl. Organometal. Chem.* **34**(4), e5521. <https://doi.org/10.1002/aoc.5521> (2020).
3. Fouda, A. S., El-Desoky, H. S. & Abdel-Galeil, M. A. Niclosamide and dichlorphenamide: New and effective corrosion inhibitors for carbon steel in 1M HCl solution. *SN Appl. Sci.* **3**, 287. <https://doi.org/10.1007/s42452-021-04155-w> (2021).

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