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CORRECTION

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Correction: Selective sacrificial metal–organic frameworks: a highly quantitative colorimetric naked-eye detector for aluminum ions in aqueous solutions

Farzaneh Rouhani, Fatemeh Rafizadeh-Masuleh and Ali Morsali*

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Correction for 'Selective sacrificial metal–organic frameworks: a highly quantitative colorimetric naked-eye detector for aluminum ions in aqueous solutions' by Farzaneh Rouhani *et al.*, *J. Mater. Chem. A*, 2019, **7**, 18634–18641, https://doi.org/10.1039/C9TA03647D.

The authors wish to draw the readers' attention to their closely related paper, published at nearly the same time in *Inorganic Chemistry Frontiers*,[1] which should have been cited in this *J. Mater. Chem. A* paper.

This paper, ref. 1 and 2 all report the synthesis and characterisation of the MOF TMU-60, in ref. 2 the authors present a new method to regulate the conductivity of TMU-60, in this *J. Mater. Chem. A* paper the authors report the use of TMU-60 as a sensor for aluminum ions, and in ref. 1 the authors report the use of TMU-60 as a heterogeneous catalyst. Due to the overlap in the synthesis and characterisation, ref. 1 should have been cited in this *J. Mater. Chem. A* paper.

The authors regret unattributed text, figure and data overlap between their article and ref. 2.

Fig. 1, S2, S3, S4, S6 and Tables S1, S2 were re-used in part or in full from ref. 2 without being correctly attributed and without permission from the Publisher.

The authors have now received the permission to reuse the images and the corrected captions are shown below:

Fig. 1. Representation of the 2D sheets formed by the interaction of the paddle-wheel $Zn_2(COO)_4$ secondary building unit and H_2OBA ligand (A and B). Schematic picture of L* pillar (C), expansion of the structure in 3D (D) and two-fold interpenetration of TMU-60 (D). Color code: C: gray; O: red; N: blue, Zn: green and H: yellow. Reproduced in part from Farzaneh Rouhani *et al.*, *J. Am. Chem. Soc.*, 2019, **141**, 28, 11173–11182, with permission from the American Chemical Society.

Fig. S2. N_2 adsorption–desorption isotherms of TMU-60 after activation. Reproduced from Farzaneh Rouhani *et al.*, *J. Am. Chem. Soc.*, 2019, **141**, 28, 11173–11182, with permission from the American Chemical Society.

Fig. S3. The TGA and DTA curves of TMU-60. Reproduced from Farzaneh Rouhani *et al.*, *J. Am. Chem. Soc.*, 2019, **141**, 28, 11173–11182, with permission from the American Chemical Society.

Fig. S4. (A) The XRD pattern and (B) BET of TMU-60 placed at 250 °C for 12 hours. Reproduced in part from Farzaneh Rouhani *et al.*, *J. Am. Chem. Soc.*, 2019, **141**, 28, 11173–11182, with permission from the American Chemical Society.

Fig. S6. (A) The XRD pattern and (B) BET of TMU-60 after 24 h immersion in water. Reproduced in part from Farzaneh Rouhani *et al.*, *J. Am. Chem. Soc.*, 2019, **141**, 28, 11173–11182, with permission from the American Chemical Society.

Table S1. Crystal data and structure refinements of TMU-60. Reproduced from Farzaneh Rouhani *et al.*, *J. Am. Chem. Soc.*, 2019, **141**, 28, 11173–11182, with permission from the American Chemical Society.

Table S2. Selected bond lengths (Å) and angles (°) for TMU-60. Reproduced from Farzaneh Rouhani *et al.*, *J. Am. Chem. Soc.*, 2019, **141**, 28, 11173–11182, with permission from the American Chemical Society.

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

References

1 F. Rouhani, B. Gharib and A. Morsali, *Inorg. Chem. Front.*, 2019, **6**, 2412–2422.
2 F. Rouhani, F. Rafizadeh-Masuleh and A. Morsali, *J. Am. Chem. Soc.*, 2019, **141**(28), 11173–11182.

Department of Chemistry, Faculty of Sciences, Tarbiat Modares University, P.O. Box 14115-175, Tehran, Iran. E-mail: morsali_a@modares.ac.ir; Fax: +98 21 82884416; Tel: +98 21 82884416