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CORRECTION

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Correction: Solvent switching smart metal–organic framework as a catalyst of reduction and condensation

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Correction for 'Solvent switching smart metal–organic framework as a catalyst of reduction and condensation' by Farzaneh Rouhani *et al.*, *Inorg. Chem. Front.*, 2019, **6**, 2412–2422, https://doi.org/10.1039/C9QI00714H.

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

This paper, ref. 1 and ref. 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 paper the authors report the use of TMU-60 as a heterogenous catalyst, and in ref. 1 the authors report the use of TMU-60 as a sensor for aluminum ions. Due to the overlap in the synthesis and characterisation, ref. 1 should have been cited in this paper.

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

Fig. 1, 3, 4a, S2, S4, S6a, Table S1 and Table S2 were re-used in part or in full from ref. 2 without being correctly attributed and without permission from the Publisher.

Fig. S2 and S3 were re-used in part or in full from ref. 1 without being correctly attributed.

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

Fig. 1 Representation of 2D sheets formed by the interaction of a paddle-wheel $Zn_2(CH_3COO)_4$ secondary building unit (A) and H_2OBA ligand (B). The presence of L* pillar leads to the expansion of the structure in 3D (D and E). Color code: C, gray; O, red; N, blue; H: yellow; Zn: green. (E) The topology of TMU-60 in the direction of *a* (right) and *c* (left) axes. Reproduced in part from Farzaneh Rouhan *et al.*, *J. Am. Chem. Soc.*, 2019, **141**(28), 11173–11182, with permission from the American Chemical Society.

Fig. 3 (A) Intact XRD pattern of TMU-60 after immersion in chloroform for 2 h, (B) IR spectrum of TMU-60 before and after of activation and oxidation and (C) ^{1}H NMR spectrum of TMU-60 and O-TMU-60. Reproduced from Farzaneh Rouhan *et al.*, *J. Am. Chem. Soc.*, 2019, **141**(28), 11173–11182, with permission from the American Chemical Society.

Fig. 4 (A) XRD pattern of TMU-60 after five cycle condensation (red) and reduction reaction (blue) and (B) catalytic performance of the TMU-60 with repeated cycles. Reproduced in part from Farzaneh Rouhan *et al.*, *J. Am. Chem. Soc.*, 2019, **141**(28), 11173–11182, with permission from the American Chemical Society.

Fig. S2. ^{1}H NMR spectrum of L* (top) and L ligand (down) in DMSO as solvent. Top reproduced from Farzaneh Rouhan *et al.*, *J. Mater. Chem. A*, 2019, **7**, 18634–18641 and down reproduced from Farzaneh Rouhan *et al.*, *J. Am. Chem. Soc.*, 2019, **141**(28), 11173–11182, with permission from the American Chemical Society.

Fig. S3. The Mass Spectrum of L*. Reproduced from Farzaneh Rouhan *et al.*, *J. Mater. Chem. A*, 2019, **7**, 18634–18641.

Fig. S4. N2 adsorption–desorption isotherms of TMU-60 after activation. Reproduced from Farzaneh Rouhan *et al.*, *J. Am. Chem. Soc.*, 2019, **141**(28), 11173–11182, with permission from the American Chemical Society.

Fig. S6. The XRD pattern of TMU-60 after 12 h heating in 250 °C (A) and the TGA, DTA curves of the TMU-60 reproduced in part from Farzaneh Rouhan *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 for TMU-60. Reproduced from Farzaneh Rouhan *et al.*, *J. Am. Chem. Soc.*, 2019, **141**(28), 11173–11182, with permission from the American Chemical Society.

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Table S2. Selected bond lengths (Å) and angles (°) for TMU-60. Reproduced from Farzaneh Rouhan *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, F. Rafizadeh-Masuleh and A. Morsali, *J. Mater. Chem. A*, 2019, **7**, 18634–18641.
2 F. Rouhani, F. Rafizadeh-Masuleh and A. Morsali, *J. Am. Chem. Soc.*, 2019, **141**(28), 11173–11182.