RSC Advances



CORRECTION

View Article Online



Cite this: RSC Adv., 2024, 14, 32029

Correction: A sustainable protocol for selective alcohols oxidation using a novel iron-based metal organic framework (MOF-BASU1)

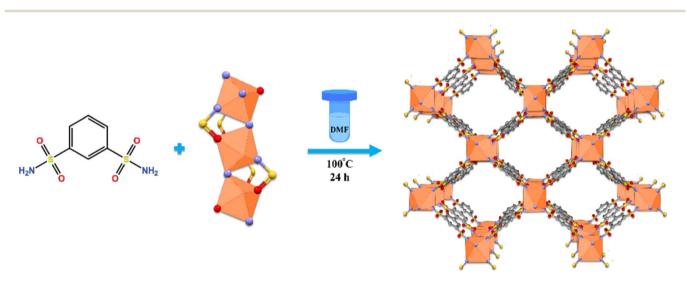
Mahtab Yaghubzadeh, Sedigheh Alavinia and Ramin Ghorbani-Vaghei*

DOI: 10.1039/d4ra90122c

rsc.li/rsc-advances

Correction for 'A sustainable protocol for selective alcohols oxidation using a novel iron-based metal organic framework (MOF-BASU1)' by Mahtab Yaghubzadeh et al., RSC Adv., 2023, 13, 24639-24648, https://doi.org/10.1039/D3RA03058J.

The authors regret that Scheme 1 was not the best version and did not show the coordination of iron in the MOF clearly. An improved version of Scheme 1 is presented below:



Scheme 1 Sequential synthesis of MOF-BASU1 catalyst.

The authors regret an incorrect version of Fig. 1 was included in the original article. The correct version of Fig. 1 is presented below:

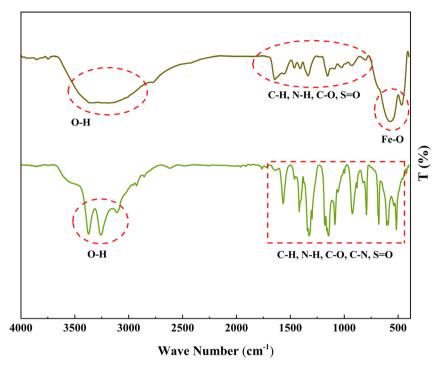


Fig. 1 FT-IR spectra of 1,3-benzenedisulfonamide (A) and MOF-BASU1 samples (B)

oxygen, iron, nitrogen, and sulfur components in the fabricated structure (Fig. 4).

In addition, the text accompanying Fig. 3 in the section "3.1. Catalyst characterization data analysis" should have read: The analysis exhibited that all the required elements, including C (8.62%), O (26.14%), N (3.97%), S (6.35%), and Fe (54.92%) are present in the structure of MOF-BASU1. The elemental mapping studies of MOF-BASU1 show a uniform distribution of carbon,

The authors regret that in the version of Fig. 5 in the original article the same image was repeated in Fig. 5B and 5C, with Fig. 5C showing the particle sizes. To avoid confusion, a new version of Fig. 5 without the duplication is shown below:

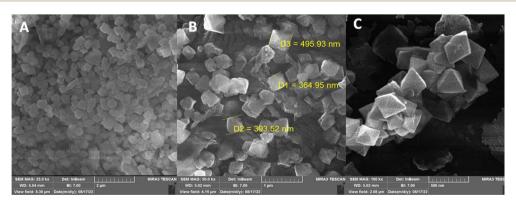


Fig. 5 FE-SEM micrograph of MOF-BASU1 catalyst (A-C).

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