

RETRACTION

[View Article Online](#)
[View Journal](#) | [View Issue](#)

Cite this: *Mater. Adv.*, 2025,
6, 1199

DOI: 10.1039/d5ma90004b

rsc.li/materials-advances

Retraction: Influence of carbon additions on microstructures and mechanical properties in additive manufactured superalloys

Mingjun Xie,^a Yan Zhao,^{*a} Jianjun Guan,^a Yanhong Yang^{*b} and Yuting Fu^a

Retraction of 'Influence of carbon additions on microstructures and mechanical properties in additive manufactured superalloys' by Mingjun Xie et al., *Mater. Adv.*, 2023, **4**, 4897–4911, <https://doi.org/10.1039/D3MA00370A>.

The Royal Society of Chemistry, with the agreement of the authors, hereby wholly retracts this *Materials Advances* article due to extensive overlap with data and text published in ref. 1 which means that this *Materials Advances* paper is redundant. Ref. 1 was not cited in this *Materials Advances* article.

The following figures and tables reproduce data from ref. 1: Fig. 1, 4, 6, 7, 11, 14 and 18, and Tables 1, 2 and 4. There are also portions of text overlap in the Introduction, Results and Conclusions sections of the article with ref. 1.

Signed: Yanhong Yang, Yuting Fu, Mingjun Xie, Jianjun Guan and Yan Zhao

Date: 3rd January 2025

Retraction endorsed by Jeremy Allen, Executive Editor, *Materials Advances*

References

- 1 M. Xie, *Heliyon*, 2023, **9**, e16111.

^a School of Mechanical Engineering, Liaoning Petrochemical University, Fushun 113001, China. E-mail: zhaoyan@lnpu.edu.cn

^b Institute of Metal Research, Chinese Academy of Sciences, Shenyang 110016, China. E-mail: yhyang@imr.ac.cn

