

RETRACTION

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



Cite this: *Dalton Trans.*, 2020, **49**, 5742

DOI: 10.1039/d0dt90075c
rsc.li/dalton

Retraction: Enhanced adsorption of Eu(III) on mesoporous Al₂O₃/expanded graphite composites investigated by macroscopic and microscopic techniques

Yubing Sun, Changlun Chen, Xiaoli Tan, Dadong Shao, Jiaxing Li, Guixia Zhao, Shubin Yang, Qi Wang and Xiangke Wang*

Retraction of 'Enhanced adsorption of Eu(III) on mesoporous Al₂O₃/expanded graphite composites investigated by macroscopic and microscopic techniques' by Yubing Sun *et al.*, *Dalton Trans.*, 2012, **41**, 13388–13394.

The Royal Society of Chemistry, with the agreement of the named authors, hereby wholly retracts this *Dalton Transactions* article due to concerns with the reliability of the data in the published article.

The XRD spectra for Al₂O₃/EG composites and raw graphite in Fig. 1A illustrate duplication of data given that they are reported as different materials.

The SEM image in Fig. 1D (SEM) duplicates data published in other articles, but reported as different materials.^{1,2}

The EXAFS data presented in Fig. 5 is unreliable as some of the data has been duplicated in another publication.³

Given the number and significance of the concerns about the validity of the data, the findings presented in this paper are no longer reliable.

Signed: Yubing Sun, Dadong Shao, Guixia Zhao, Shubin Yang and Xiangke Wang

Date: 27th March 2020

Changlun Chen, Xiaoli Tan, Jiaxing Li and Qi Wang were contacted but did not respond.

Retraction endorsed by Andrew Shore, Executive Editor, *Dalton Transactions*

References

- 1 Y. Sun, S. Yang, Y. Chen, C. Ding, W. Cheng and X. Wang, *Environ. Sci. Technol.*, 2015, **49**, 4255–4262.
- 2 W. Cheng, C. Ding, Q. Wu, X. Wang, Y. Sun, W. Shi, T. Hayat, A. Alsaedi, Z. Chai and X. Wang, *Environ. Sci.: Nano*, 2017, **4**, 1124–1131.
- 3 Y. Sun, Qi Wang, C. Chen, X. Tan and X. Wang, *Environ. Sci. Technol.*, 2012, **46**, 6020–6027.

Key Lab of Novel Thin Film Solar Cells, Chinese Academy of Sciences, P.O. Box 1126, Hefei 230031, P. R. China. E-mail: xkwang@ipp.ac.cn; Fax: +86 551 5591310; Tel: +86 551 5592788

