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## Retraction: Tuning the chemistry of graphene oxides by a sonochemical approach: application of adsorption properties

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 Retraction of 'Tuning the chemistry of graphene oxides by a sonochemical approach: application of adsorption properties' by Yubing Sun *et al.*, *RSC Adv.*, 2015, 5, 24886–24892, DOI: 10.1039/C5RA02021B.

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

The TEM image in Fig. 1B duplicates data published in another publication by Pan *et al.*, but presented as different materials.<sup>1</sup>

The AFM images in Fig. 1C and D illustrate duplication of data, given that these experiments were reported under different reaction conditions.

The EXAFS spectra in Fig. 4 duplicate data in another publication, but reported as different materials.<sup>2</sup>

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, Shubin Yang, Congcong Ding and Wencai Cheng

Date: 27<sup>th</sup> March 2020

Zhongxiu Jin was contacted but did not respond.

Retraction endorsed by Laura Fisher, Executive Editor, *RSC Advances*

## References

- 1 M. Pan, G. Wu, L. Chang, X. Lin and X. Huang, *Nanomaterials*, 2018, **8**, 806.
- 2 Y. Sun, S. Yang, Y. Chen, C. Ding, W. Cheng and X. Wang, *Environ. Sci. Technol.*, 2015, **49**, 4255–4262.

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