Environmental Science Nano

RETRACTION



Cite this: *Environ. Sci.: Nano*, 2020, 7, 1617

Retraction: Mutual effect of U(vi) and Sr(ii) on graphene oxides: evidence from EXAFS and theoretical calculations

Wencai Cheng,^{ab} Congcong Ding,^{ab} Qunyan Wu,^c Xiangxue Wang,^{ab} Yubing Sun,^{*b} Weiqun Shi,^{*c} Tasawar Hayat,^{de} Ahmed Alsaedi,^e Zhifang Chai^{cf} and Xiangke Wang^{*adf}

DOI: 10.1039/d0en90022b

rsc.li/es-nano

Retraction of 'Mutual effect of U(vi) and Sr(ii) on graphene oxides: evidence from EXAFS and theoretical calculations' by Wencai Cheng *et al., Environ. Sci.: Nano*, 2017, **4**, 1124–1131.

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

The authors have informed us that the EXAFS fitting in Fig. 3 was not reasonable and, therefore, the published EXAFS data in Fig. 3 and Table S2 are unreliable.

The SEM image in Fig. S1A has been duplicated from another publication, but the images are reported to have been created using different instruments.

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

Signed: Congcong Ding, Xiangxue Wang, Yubing Sun, Weiqun Shi and Xiangke Wang Date: 27th March 2020

Wencai Cheng, Qunyan Wu, Tasawar Hayat, Ahmed Alsaedi and Zhifang Chai were contacted but did not respond. Retraction endorsed by Sam Keltie, Executive Editor, *Environmental Science: Nano*

^a School of Environment and Chemical Engineering, North China Electric Power University, Beijing 102206, P. R. China. E-mail: xkwang@ncepu.edu.cn; Fax: +86 10 61772890; Tel: +86 10 61772890

^b Institute of Plasma Physics, Chinese Academy of Science, P.O. Box 1126, Hefei, 230031, P.R. China. E-mail: sunyb@ipp.ac.cn



View Article Online

^c Laboratory of Nuclear Energy Chemistry and Key Laboratory for Biomedical Effects of Nanomaterials and Nanosafety, Institute of High Energy Physics, Chinese Academy of Sciences, Beijing, China. E-mail: shiwq@ihep.ac.cn

^d NAAM Research Group, Faculty of Science, King Abdulaziz University, Jeddah 21589, Saudi Arabia

^e Department of Mathematics, Quaid-I-Azam University, Islamabad 44000, Pakistan

^f Collaborative Innovation Center of Radiation Medicine of Jiangsu Higher Education Institutions and School for Radiological and Interdisciplinary Sciences, Soochow University, 215123, Suzhou, P.R. China