Retraction: Influence of aqueous sulfide on speciation of U(vi) adsorbed to nanomagnetite

Yubing Sun,a Jianhui Lan,b Mengxue Li,c Wei Hu,c Haibo Liu,c Gang Song,d Diyun Chen,d Weiqun Shi*b and Xiangke Wang*a


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.

Repeating fragments can be observed in three of the XRD spectra in Fig. 2B (pink, blue and black spectra), which indicates that they have been manipulated.

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

Signed: Yubing Sun, Gang Song, Weiqun Shi and Xiangke Wang
Date: 27th March 2020

Jianhui Lan, Mengxue Li, Wei Hu, Haibo Liu and Diyun Chen were contacted but did not respond.

Retraction endorsed by Sam Keltie, Executive Editor, Environmental Science: Nano

a College of Environmental Science and Engineering, North China Electric Power University, Beijing 102206, P. R. China
b 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, 100049, China. E-mail: shiwq@ihep.ac.cn
c School of Resources and Environmental Engineering, Hefei University of Technology, Hefei, 230009, P. R. China
d Guangdong Provincial Key Laboratory of Radionuclides Pollution Control and Resources, Guangzhou 510006, China