

## Retraction Note to: Isotopic analysis of N and O in $\text{NO}_3^-$ by selective bacterial reduction to $\text{N}_2\text{O}$ for groundwater pollution

Jingjing Fang<sup>1</sup> · Chuanming Ma<sup>1</sup> · Cunfu Liu<sup>1</sup> · Xiangbing Yue<sup>1</sup>

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**Retraction Note to: Ecotoxicology (2014)  
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This article has been retracted at the request of the Editor-in-Chief. The article was examined following the COPE guidelines with regard to suspected plagiarism. The article was found to contain a substantial amount of material, without proper referencing, from the previously published articles entitled:

Böhlke JK, Smith RL, Hannon JE (2007) Isotopic analysis of N and O in nitrite and nitrate by sequential

selective bacterial reduction to  $\text{N}_2\text{O}$ . *Anal Chem* 79(15):5888–5895. doi:[10.1021/ac070176k](https://doi.org/10.1021/ac070176k)

Granger J, Sigman DM, Prokopenko MG, Lehmann MF, Tortell PD (2006) A method for nitrite removal in nitrate N and O isotope analyses. *Limnol Oceanogr Methods* 4(7): 205–212. doi:[10.4319/lom.2006.4.205](https://doi.org/10.4319/lom.2006.4.205)

Sigman DM, Casciotti KL, Andreani M, Barford C, Galanter M, Böhlke JK (2001) A bacterial method for the nitrogen isotopic analysis of nitrate in seawater and freshwater. *Anal Chem* 73(17):4145–4153. doi:[10.1021/ac010088e](https://doi.org/10.1021/ac010088e)

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✉ Chuanming Ma  
bjmcm@163.com

Jingjing Fang  
fangjingjing0720@163.com

<sup>1</sup> School of Environmental Studies & State Key Laboratory of Biogeology and Environmental Geology, China University of Geosciences, 430074 Wuhan, China