



## OPEN ACCESS

APPROVED BY  
Frontiers Editorial Office,  
Frontiers Media SA, Switzerland

## \*CORRESPONDENCE

Ya-Nan Yang,  
✉ yangyn@gig.ac.cn  
Zhixue Du,  
✉ duzhixue@gig.ac.cn

RECEIVED 22 April 2023

ACCEPTED 24 April 2023

PUBLISHED 03 May 2023

## CITATION

Yang Y-N, Du Z, Lu W, Qi Y, Zhang Y-Q,  
Zhang W-F and Zhang P-F (2023),  
Corrigendum: NanoSIMS analysis of  
water content in bridgmanite at the  
micron scale: an experimental approach  
to probe water in Earth's deep mantle.  
*Front. Chem.* 11:1210511.  
doi: 10.3389/fchem.2023.1210511

## COPYRIGHT

© 2023 Yang, Du, Lu, Qi, Zhang, Zhang  
and Zhang. This is an open-access article  
distributed under the terms of the  
[Creative Commons Attribution License  
\(CC BY\)](#). The use, distribution or  
reproduction in other forums is  
permitted, provided the original author(s)  
and the copyright owner(s) are credited  
and that the original publication in this  
journal is cited, in accordance with  
accepted academic practice. No use,  
distribution or reproduction is permitted  
which does not comply with these terms.

# Corrigendum: NanoSIMS analysis of water content in bridgmanite at the micron scale: an experimental approach to probe water in Earth's deep mantle

Ya-Nan Yang<sup>1,2\*</sup>, Zhixue Du<sup>1,2\*</sup>, Wenhua Lu<sup>1,2,3</sup>, Yue Qi<sup>1,2</sup>,  
Yan-Qiang Zhang<sup>1,2</sup>, Wan-Feng Zhang<sup>1,2</sup> and Peng-Fei Zhang<sup>4</sup>

<sup>1</sup>State Key Laboratory of Isotope Geochemistry, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences, Guangzhou, China, <sup>2</sup>CAS Center for Excellence in Deep Earth Science, Guangzhou, China, <sup>3</sup>College of Earth and Planetary Sciences, University of Chinese Academy of Sciences, Beijing, China, <sup>4</sup>Faculty of Earth Resources, China University of Geosciences, Wuhan, China

## KEYWORDS

water, bridgmanite, NanoSIMS, high pressure, deep Earth

## A Corrigendum on

### NanoSIMS analysis of water content in bridgmanite at the micron scale: an experimental approach to probe water in Earth's deep mantle

by Yang Y-N, Du Z, Lu W, Qi Y, Zhang Y-Q, Zhang W-F and Zhang P-F (2023). *Front. Chem.* 11: 1166593. doi: 10.3389/fchem.2023.1166593

In the published article, there was an error in the **Funding** statement. One of the National Natural Science Foundation Grant Nos was displayed as “42021002.” The correct Grant No should be “42150102.” The correct **Funding** statement appears below.

“This work is supported by the National Natural Science Foundation of China (Grant Nos 42150102 and 41903017), the Strategic Priority Research Program (B) of the Chinese Academy of Sciences (Grant No. XDB18000000), Science and Technology Program of Guangzhou, China (202102020250), and the Director's Fund of Guangzhou Institute of Geochemistry, CAS (2022SZJJZD-03 and 2020000173).”

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

## Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.