


# Author Correction: Electronic origin of hydrogen storage in MOF-covered palladium nanocubes investigated by synchrotron X-rays

Yanna Chen<sup>1,2</sup>, Osami Sakata<sup>1,2</sup>, Yusuke Nanba<sup>3,4</sup>, Loku Singgappulige Rosantha Kumara<sup>1</sup>, Anli Yang<sup>1</sup>, Chulho Song<sup>1</sup>, Michihisa Koyama<sup>3,4</sup>, Guangqin Li<sup>5,7</sup>, Hirokazu Kobayashi<sup>5,6</sup> & Hiroshi Kitagawa<sup>5</sup>

Correction to: *Communications Chemistry*: 1: 61 <https://doi.org/10.1038/s42004-018-0058-3>; published online 09 October 2018

The previously published version of this Article contained an error in Fig. 1. In Fig. 1c, the thickness of the HKUST-1 layer was incorrectly labelled. It should have been labelled 3 nm. This error has been corrected in both the PDF and HTML versions of the Article.

Published online: 30 October 2018

 **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2018

<sup>1</sup>Synchrotron X-ray Station at SPring-8, Research Network and Facility Services Division, National Institute for Materials Science (NIMS), 1-1-1 Kouto, Sayo-cho, Sayo-gun, Hyogo 679-5148, Japan. <sup>2</sup>Synchrotron X-ray Group, Research Center for Advanced Measurement and Characterization, NIMS, 1-1-1 Kouto, Sayo-cho, Sayo-gun, Hyogo 679-5148, Japan. <sup>3</sup>INAMORI Frontier Research Center, Kyushu University, 744 Motoooka, Nishi-ku, Fukuoka 819-0395, Japan. <sup>4</sup>Global Research Center for Environment and Energy based on Nanomaterials Science, National Institute for Materials Science, Ibaraki, Japan. <sup>5</sup>Division of Chemistry, Graduate School of Science, Kyoto University, Kitashirakawa-Oiwakecho, Sakyo-ku, Kyoto 606-8502, Japan. <sup>6</sup>Precursory Research for Embryonic Science and Technology (PRESTO), Japan Science and Technology Agency (JST), 4-1-8 Honcho, Kawaguchi, Saitama 332-0012, Japan. <sup>7</sup>Present address: School of Chemistry, Sun Yat-sen University, 135 Xingang Xi Road, Guangzhou 510275, China. Correspondence and requests for materials should be addressed to Y.C. (email: [CHEN.Yanna@nims.go.jp](mailto:CHEN.Yanna@nims.go.jp)) or to O.S. (email: [SAKATA.Osami@nims.go.jp](mailto:SAKATA.Osami@nims.go.jp))