

RETRACTION

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Retraction: Mesoporous multiwalled carbon nanotubes as supports for monodispersed iron–boron catalysts: improved hydrogen generation from hydrous hydrazine decomposition

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Retraction of 'Mesoporous multiwalled carbon nanotubes as supports for monodispersed iron–boron catalysts: improved hydrogen generation from hydrous hydrazine decomposition' by Dong Ge Tong *et al.*, *J. Mater. Chem. A*, 2013, 1, 358–366.

We, the authors, hereby wholly retract this *Journal of Materials Chemistry A* article due to concerns with the reliability of the data presented in Fig. 2, 3, 9a and S4.

In Fig. 2, 9a and S4, the similarities between the different carbon nanotubes, particles and background are possibly due to a third party company's failure to turn off the automatic beauty processing function during image acquisition, which resulted from the bug of its independently developed multidimensional TEM photography system. We used those images without any editing or modification.

In addition, there are repeating fragments in the noise resonance in Fig. 3. As we do not have the original raw data, we cannot judge the influence of this on the overall reliability of the published paper.

We, the authors, repeated the experiments and believe that the scientific content and conclusions of the related studies presented by the pictures in the published paper can be reproduced. However, due to the large number of images, it is not possible to replace the published images with the new figures. Therefore, to protect the rigor of the scientific record, we decided to retract this article on our own initiative.

Signed: Dong Ge Tong (on behalf of all authors).

Date: 6th March 2020.

Retraction endorsed by Sam Keltie, Executive Editor, *Journal of Materials Chemistry A*.

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