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Retraction Note: Investigating the Heterojunction between ZnO/Fe₂O₃ and g-C₃N₄ for an Enhanced Photocatalytic H₂ production under visible-light irradiation

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Retraction of: *Scientific Reports* <https://doi.org/10.1038/s41598-019-48730-z>, published online 27 August 2019

The Editors have retracted this Article.

After publication the Editors were made aware of concerns about the data presented. Specifically:

- There are four similar XRD patterns in Figure 2a (7-ZnO/Fe₂O₃/g-C₃N₄, 5-ZnO/Fe₂O₃/g-C₃N₄, 3-ZnO/Fe₂O₃/g-C₃N₄ and 1-ZnO/Fe₂O₃/g-C₃N₄);
- The XRD patterns appear to be similar between Figure 2a and Supplementary Figure S8a.

In addition, there are similarities between figures in this Article and in another publication¹ by the same author group. Specifically:

- Figure 2b appears to be similar to Figure 1b in¹ where different compounds are used;
- Figure 6c appears to be similar to Figure 5c in¹ where different compounds are used.

The Editors therefore no longer have confidence in the reliability of the data presented.

Na Mao agrees with this retraction.

Reference

1. Mao, N. *et al.* Enhanced photocatalytic activity of g-C₃N₄/MnO composites for hydrogen evolution under visible light. *Dalton Trans.* **48**, 14864–14872. <https://doi.org/10.1039/C9DT02748C> (2019).



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