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Retraction notice



Retraction notice to "Banana peel extract for CeO_2 nanoflower synthesis: Enhancing photocatalytic activity for methyl orange dye removal and bactericidal effects" [Environ. Res. 252 (2024) 118785]

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This article has been retracted: please see Elsevier policy on article withdrawal (https://www.elsevier.com/about/policies-and-standards/article-withdrawal).

This article has been retracted at the request of the Editor.

An investigation commenced following concerns raised on PubPeer at https://pubpeer.com/publications/23008D54C71AEEA1554071AF873432

Three of the four panels in figure 12 were previously published as figure 7 in Journal of Materials Research, 38 (2023) 1909–1918, https://doi.org/10.1557/s43578-023-00965-3, by a different group of authors. Both articles used the same images but presented the images for different materials. One of the conditions of submission of a paper for publication is that authors declare explicitly that their work is original and has not appeared in a publication elsewhere. Re-use of any data should be appropriately cited. As such this article represents a severe abuse of the scientific publishing system. The scientific community takes a very strong view on this matter and apologies are offered to readers of the journal that this was not detected during the submission process.

Additionally, the EDX spectrum in figure 6b has appeared in at least three other articles, including Environmental Research, 251 (2024) 118728, https://doi.org/10.1016/j.envres.2024.118728 (Fig 5c); Environmental Research, 242 (2024) 117761, https://doi.org/10.1016/j.envres.2023.117761 (Fig 4c); Environmental Research, 242 (2024) 117625, https://doi.org/10.1016/j.envres.2023.117625 (Fig 6c). The corresponding author was contacted for comment about all of these concerns but was unable to provide a suitable explanation. The Editor has therefore lost confidence in the reliability of the findings presented in this article as a whole and is retracting it.

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