RETRACTION

Retraction: Green synthesis of SiO_2 nanoparticles from Rhus coriaria L. extract: Comparison with chemically synthesized SiO_2 nanoparticles

The *PLOS One* Editors

Following the publication of this article [1], concerns were raised about Figs 6 and 7, as well as about the availability of the underlying data. Specifically:

- Fig 6A appears highly similar to the right panel of Fig 4 in [2], which was published in 2017 by different authors.
- There is a mismatch between the reported electron microscope in the Methods sections (Quanta 450) and the banners in Fig 6 (MIRA3 TESCAN).
- In Fig 7B, two regions with a highly similar pixelation pattern were noted.
- The underlying data supporting the study results reported in [1] are not available. At the time of submission, *PLOS One* policy required authors to make the underlying data available with the article.

The comments and data provided by the authors in response to the above-mentioned issues did not resolve the concerns about the published results.

In light of the above unresolved concerns that question the reliability and integrity of these results, the *PLOS One* Editors retract this article [1].

ASM did not agree with the retraction. CYR, AAB, and SMH either did not respond directly or could not be reached.

References

1. Rahimzadeh CY, Barzinjy AA, Mohammed AS, Hamad SM. RETRACTED: Green synthesis of SiO_2 nanoparticles from Rhus coriaria L. extract: Comparison with chemically synthesized SiO_2 nanoparticles. PLoS One. 2022;17(8):e0268184. https://doi.org/10.1371/journal.pone.0268184 PMID: 35930607
2. Mohamad IS, Ismail SS, Norizan MN, Murad SAZ, Abdullah MMA. ZnO Photoanode Effect on the Efficiency Performance of Organic Based Dye Sensitized Solar Cell. IOP Conference Series: Materials Science and Engineering. 2017;209:012028. https://doi.org/10.1088/1757-899x/209/1/012028

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