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Retraction: The structural and luminescence properties of plexcitonic structures based on Ag₂S/l-Cys quantum dots and Au nanorods

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 Retraction of 'The structural and luminescence properties of plexcitonic structures based on Ag₂S/l-Cys quantum dots and Au nanorods' by Irina G. Grevtseva *et al.*, *RSC Adv.*, 2022, 12, 6525–6532, <https://doi.org/10.1039/D1RA08806H>.

The Royal Society of Chemistry hereby wholly retracts this *RSC Advances* article due to concerns with the reliability of the data.

There is a significant amount of overlap of text and images between this article and another published by the same authors.¹ In addition, there is evidence of image manipulation in Fig. 2d and d'.

Given the significance of these concerns, the Editor has lost confidence that the findings presented in this paper are reliable.

The authors† were informed about the retraction of the article, and Irina Grevtseva informed us that all authors agreed to the retraction, but we have not heard from the remaining authors directly.

Signed: Irina Grevtseva on behalf of all authors

Date: 23rd September 2025

Retraction endorsed by Laura Fisher, Executive Editor, *RSC Advances*

References

1 I. Grevtseva, O. Ovchinnikov, M. Smirnov, A. Perepelitsa, T. Chevychelova, V. Derepko, A. Osadchenko and A. Selyukov, *Opt. Express*, 2022, 30, 4668.

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† The authors have informed us that Aleksey S. Perepelitsa is deceased and therefore has not been contacted regarding this retraction.

