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## Retraction: Anti-cancer activity of hierarchical ZSM-5 zeolites synthesized from rice-based waste materials

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 Retraction of 'Anti-cancer activity of hierarchical ZSM-5 zeolites synthesized from rice-based waste materials' by S. K. Jesudoss *et al.*, *RSC Adv.*, 2018, 8, 481–490, <https://doi.org/10.1039/C7RA11763A>.

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

In Fig. 2 the data for (a), (b) and (c) contains sections of identical noise.

In Fig. 7 there are several instances of overlapping images. Fig. 7a and e are identical, Fig. 7b and f have partial overlap, and Fig. 7c and d have partial overlap.

Given the significance of these concerns, the findings presented in this paper are no longer reliable.

Signed: S. K. Jesudoss, J. Judith Vijaya, K. Kaviyarasu, L. John Kennedy, R. Jothi Ramalingam, Hamad A. Al-Lohedan

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

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