

## RETRACTION

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## Retraction: Monodisperse Pt NPs@rGO as highly efficient and reusable heterogeneous catalysts for the synthesis of 5-substituted 1*H*-tetrazole derivatives

İbrahim Esirden<sup>a</sup> and Muharrem Kaya<sup>\*b</sup>

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Retraction of 'Monodisperse Pt NPs@rGO as highly efficient and reusable heterogeneous catalysts for the synthesis of 5-substituted 1*H*-tetrazole derivatives' by İbrahim Esirden *et al.*, *Catal. Sci. Technol.*, 2015, 5, 4452–4457, DOI: 10.1039/C5CY00864F.

İbrahim Esirden and Muharrem Kaya hereby wholly retract this *Catalysis Science & Technology* article due to concerns with the reliability of the data in the published article.

Fig. 1, which is a high resolution TEM representing Pt NPs@rGO, has been reproduced as a scaled version in Fig. 2 in another *Catalysis Science & Technology* article by Betül Çelik, Esma Erken, Sinan Eriş, Yunus Yıldız, Birgütay Şahin, Handan Pamuk and Fatih Sen,<sup>1</sup> which is a high resolution TEM representing the Pt(0)/TPA@AC catalyst. Fatih Sen claimed that this was a mistake and provided replacement data for consideration. However, an expert reviewed the authors' response and concluded that it did not satisfactorily address the concerns, and that the replacement figure did not fully support the conclusions. Given the significance of the concerns about the validity of the data, the findings presented in this paper are no longer reliable.

Muharrem Kaya approves the retraction of this article due to concerns with the structural characterisation of the catalyst and therefore the conclusions presented may not be valid. Muharrem Kaya also states that the figures under question are out of their expertise and that they did not contribute to the data collection or processing of these figures. Muharrem Kaya contributed to the evaluation of the catalytic performances of the composite materials only.

Fatih Sen opposes this retraction. Esma Erken was contacted but did not respond.

Signed: İbrahim Esirden and Muharrem Kaya

Date: 23rd September 2021

Retraction endorsed by Maria Southall, Executive Editor, *Catalysis Science & Technology*

## References

- 1 B. Çelik, E. Erken, S. Eriş, Y. Yıldız, B. Şahin, H. Pamuk and F. Sen, *Catal. Sci. Technol.*, 2016, 6, 1685–1692.

<sup>a</sup> Chemistry Department, Faculty of Arts and Science, Dumlupınar University, Evliya Çelebi Campus, 43100 Kütahya, Turkey

<sup>b</sup> Biochemistry Department, Faculty of Arts and Science, Dumlupınar University, Evliya Çelebi Campus, 43100 Kütahya, Turkey

