

RETRACTION

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Retraction: Highly monodisperse Pt(0)@AC NPs as highly efficient and reusable catalysts: the effect of the surfactant on their catalytic activities in room temperature dehydrocoupling of DMAB

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Retraction of 'Highly monodisperse Pt(0)@AC NPs as highly efficient and reusable catalysts: the effect of the surfactant on their catalytic activities in room temperature dehydrocoupling of DMAB' by Betül Çelik *et al.*, *Catal. Sci. Technol.*, 2016, 6, 1685–1692, DOI: 10.1039/C5CY01371B.

The Royal Society of Chemistry hereby wholly retracts this *Catalysis Science & Technology* article due to concerns with the reliability of the data in the published article.

Fig. 2, which is a high resolution TEM representing a Pt(0)/TPA@AC catalyst, is a duplicated and scaled version of Fig. 1 in another *Catalysis Science & Technology* article by the same author group,¹ which is a high resolution TEM representing Pt NPs@rGO. The authors claim 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.

Birgütay Şahin, Fatih Sen and Betül Çelik oppose this retraction. Esma Erken, Handan Pamuk, Sinan Eriş and Yunus Yıldız were contacted but did not respond.

Signed: Maria Southall, Executive Editor, *Catalysis Science & Technology*

Date: 23rd September 2021

References

1 İ. Esirde, E. Erken, M. Kaya and F. Sen, *Catal. Sci. Technol.*, 2015, 5, 4452–4457.

