



Retraction Note: PdAu Alloy Nanoparticles Encapsulated by PPI-g-MWCNTs as a Novel Catalyst for Chemoselective Hydrogenation of Alkenes Under Mild Conditions

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Retraction note to:

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The Editor in Chief has retracted this article. After publication, concerns were raised because the top panel of Scheme 3 in this article seems to overlap with the bottom-left panel of Fig. 1 in article [1] by the same research group that was simultaneously in submission to a different journal, and Fig. 1 appears to correspond to Fig. 2 in [1]. Additionally, there are textual overlaps with articles by the same authors [2, 3] that were simultaneously in submission and a previously-published article by different authors [4]. Therefore, the Editor in Chief has lost confidence in the integrity of the findings. All authors disagree with this retraction.

direct formic acid fuel cells. *J Power Sources* 247:70–77. <https://doi.org/10.1016/j.jpowsour.2013.08.061>

4. Nabid MR, Bide Y, Rezaei SJT (2011) Pd nanoparticles immobilized on PAMAM-grafted MWCNTs hybrid materials as new recyclable catalyst for Mizoraki-Heck cross-coupling reactions. *Appl Catal A* 406(1–2):124–132. <https://doi.org/10.1016/j.apcata.2011.08.021>

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References

1. Behbahani M, Gorji T, Mahyari M et al (2014) Application of polypropylene amine dendrimers (POPAM)-grafted MWCNTs hybrid materials as a new sorbent for solid-phase extraction and trace determination of gold(III) and palladium(II) in food and environmental samples. *Food Anal Methods* 7:957–966. <https://doi.org/10.1007/s12161-013-9698-1>
2. Shaabani A, Mahyari M (2013) PdCo bimetallic nanoparticles supported on PPI-grafted graphene as an efficient catalyst for Sonogashira reactions. *J Mater Chem A* 1:2050–7488. <https://doi.org/10.1039/C3TA11706E>
3. Hosseini H, Mahyari M, Bagheri A, Shaabani A (2014) Pd and PdCo alloy nanoparticles supported on polypropylenimine dendrimer-grafted graphene: a highly efficient anodic catalyst for

The original article can be found online at <https://doi.org/10.1007/s10562-013-1063-x>.

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