RSC Advances



View Article Online

EXPRESSION OF CONCERN



Cite this: RSC Adv., 2023, 13, 8719

Expression of concern: Design and development of highly sensitive PEDOT-PSS/AuNP hybrid nanocomposite-based sensor towards room temperature detection of greenhouse methane gas at ppb level

Syed Khasim,^{*ab} Apsar Pasha,^c Nacer Badi,^{ab} Adnen Ltaief,^a S. A. Al-Ghamdi^{ab} and Chellasamy Panneerselvam^d

DOI: 10.1039/d3ra90018e

rsc.li/rsc-advances

Expression of concern for 'Design and development of highly sensitive PEDOT-PSS/AuNP hybrid nanocomposite-based sensor towards room temperature detection of greenhouse methane gas at ppb level' by Syed Khasim *et al.*, RSC *Adv.*, 2021, **11**, 15017–15029. DOI https://doi.org/10.1039/D1RA00994J.

RSC Advances is publishing this expression of concern in order to alert our readers that we are presently unsure of the reliability of the data reported in Fig. 3 of the article. Fig. 3b of this article is identical to Fig. 3a of ref. 1.

An investigation is underway, and an Expression of Concern will continue to be associated with the article until a final outcome is reached.

Laura Fisher 9th March 2023 Executive Editor, *RSC Advances*

References

1 A. Roy, A. Parveen, R. Deshpande, R. Bhat and A. Koppalkar, Microscopic and dielectric studies of ZnO nanoparticles loaded in orthochloropolyaniline nanocomposites, *J. Nanoparticle Res.*, 2013, 15, 1337.

^aDepartment of Physics, Faculty of Science, University of Tabuk, Tabuk-71491, Kingdom of Saudi Arabia. E-mail: syed.pes@gmail.com ^bRenewable Energy Laboratory, Nanotechnology Research Unit, University of Tabuk, Tabuk-71491, Kingdom of Saudi Arabia ^cDepartment of Physics, Ghousia College of Engineering, Ramanagaram-562159, Karnataka, India ^dDepartment of Biology, Faculty of Science, University of Tabuk, Tabuk-71491, Kingdom of Saudi Arabia