

Cite this: *Nanoscale Adv.*, 2024, 6,
2980

Expression of concern: Acceleration of ammonium phosphate hydrolysis using TiO₂ microspheres as a catalyst for hydrogen production

Ayman H. Zaki,^{*a} Ahmed Esmail Shalan,^{*be} Aya El-Shafeay,^a Yasser M. Gadelhak,^a
Enas Ahmed,^c M. O. Abdel-Salam,^d M. Sobhi^b and S. I. El-dek^a

DOI: 10.1039/d4na90040e

rsc.li/nanoscale-advances

Expression of concern for 'Acceleration of ammonium phosphate hydrolysis using TiO₂ microspheres as a catalyst for hydrogen production' by Ayman H. Zaki *et al.*, *Nanoscale Adv.*, 2020, 2, 2080–2086, <https://doi.org/10.1039/D0NA00204F>.

The Royal Society of Chemistry is publishing this expression of concern in order to alert readers that concerns have been raised regarding the reliability of the particle size distribution data in Fig. 1, and the SEM images in Fig. 2b and 5b. An investigation is underway, and an expression of concern will continue to be associated with the article until a final outcome is reached.

Jeremy Allen

19th March 2024

Executive Editor, *Nanoscale Advances*

^aMaterials Science and Nanotechnology Department, Faculty of Postgraduate Studies for Advanced Sciences (PSAS), Beni-Suef University, Beni-Suef, Egypt. E-mail: ayman.zaki@psas.bsu.edu.eg

^bCentral Metallurgical Research and Development Institute, P.O. Box 87, Helwan, 11422, Cairo, Egypt. E-mail: a.shalan133@gmail.com; ahmed.shalan@bcmaterials.net

^cRenewable Energy Science and Engineering Department, Faculty of Postgraduate Studies for Advanced Sciences, Beni-Suef University, Egypt

^dEgyptian Petroleum Research Institute, P.O. 11727, Nasr City, Cairo, Egypt

^eBCMaterials-Basque Center for Materials, Applications and Nanostructures, Martina Casiano, UPV/EHU Science Park, Barrio Sarriena s/n, Leioa 48940, Spain

