

## CORRECTION

[View Article Online](#)  
[View Journal](#) | [View Issue](#)

Cite this: *RSC Adv.*, 2025, 15, 2523

DOI: 10.1039/d5ra90009c

[rsc.li/rsc-advances](https://rsc.li/rsc-advances)

# Correction: Investigation of a flexible, room-temperature fiber-shaped NH<sub>3</sub> sensor based on PANI–Au–SnO<sub>2</sub>

Qiuning Wang,<sup>†a</sup> Yuan Peng,<sup>†a</sup> Bin Guo,<sup>b</sup> Jianhai Sun,<sup>\*c</sup> Yaxia Liu,<sup>\*d</sup> Yanjun Wang<sup>e</sup> and Hongyan Zhang<sup>\*a</sup>

Correction for 'Investigation of a flexible, room-temperature fiber-shaped NH<sub>3</sub> sensor based on PANI–Au–SnO<sub>2</sub>' by Qiuning Wang *et al.*, *RSC Adv.*, 2024, 14, 38530–38538, <https://doi.org/10.1039/D4RA06915C>.

The authors regret that there was an error in the sentence on lines 10–11 of the left column on page 38535, in the second paragraph of section 3.4. The text originally read: 'The responses to CO, H<sub>2</sub>S, NO<sub>2</sub>, NH<sub>3</sub>, SO<sub>2</sub>, and H<sub>2</sub> equaled 1.04, 1.05, 1.00, 1.12, 0.10, and 0.20, respectively.' This sentence should read: 'The responses to H<sub>2</sub>, NH<sub>3</sub>, CO, and SO<sub>2</sub> equaled 0.20, 1.12, 0, and 0.10, respectively.'

A higher resolution version of Fig. 7 has also been included.

<sup>a</sup>Beijing Key Laboratory of Clothing Materials R&D and Assessment, Beijing Engineering Research Center of Textile Nanofiber, Beijing Institute of Fashion Technology, Beijing, 100029, P. R. China. E-mail: zhyzzh@126.com

<sup>b</sup>Zhongshan Institute of Changchun University of Science and Technology, P. R. China

<sup>c</sup>State Key Laboratory of Transducer Technology, Aerospace Information Research Institute, Chinese Academy of Sciences, Beijing, 100194, P. R. China

<sup>d</sup>School of Fashion, Beijing Institute of Fashion, China

<sup>e</sup>Beijing Institute of Fashion Technology, School of Fashion Flat Knitting Machine Lab, China

<sup>†</sup> Both authors contribute equally to this work.



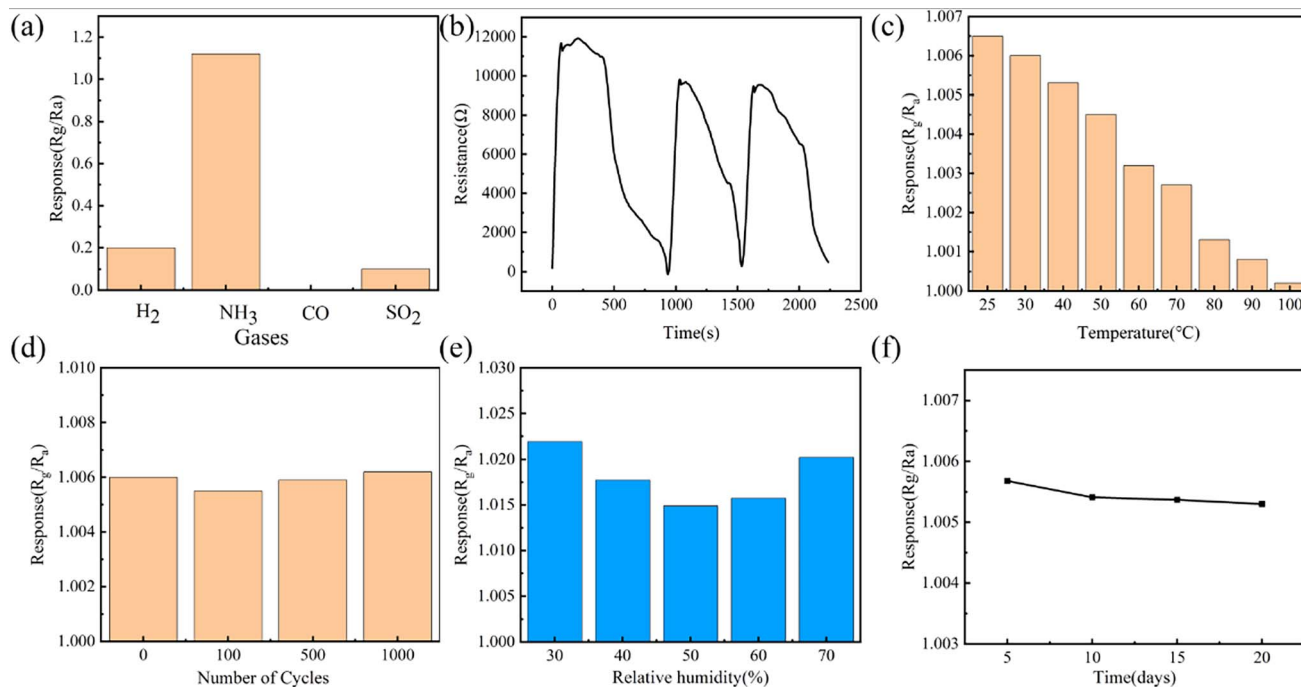


Fig. 7 (a) Response of fiber-shaped sensor towards different interference gases with a concentration of 40 ppm. (b) Cycling response toward 40 ppm  $NH_3$  at room temperature. (c) Response value of the  $NH_3$  sensor at different operating temperatures. (d) Response changes of  $NH_3$  sensors after different bending cycles. (e) Response values of the  $NH_3$  sensor at different relative humidities. (f) Temporal stability of the  $NH_3$  sensors.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

