

CORRECTION

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rsc.li/rsc-advances**Correction: Investigation of a flexible, room-temperature fiber-shaped NH_3 sensor based on PANI–Au– SnO_2** Qiuning Wang,^{†[a](#)} Yuan Peng,^{†[a](#)} Bin Guo,^b Jianhai Sun,^{*[c](#)} Yaxia Liu,^{*[d](#)} Yanjun Wang^{[e](#)} and Hongyan Zhang^{*[a](#)}Correction for 'Investigation of a flexible, room-temperature fiber-shaped NH_3 sensor based on PANI–Au– SnO_2 ' 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_2S , NO_2 , NH_3 , SO_2 , and H_2 equaled 1.04, 1.05, 1.00, 1.12, 0.10, and 0.20, respectively.' This sentence should read: 'The responses to H_2 , NH_3 , CO , and SO_2 equaled 0.20, 1.12, 0, and 0.10, respectively.'

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

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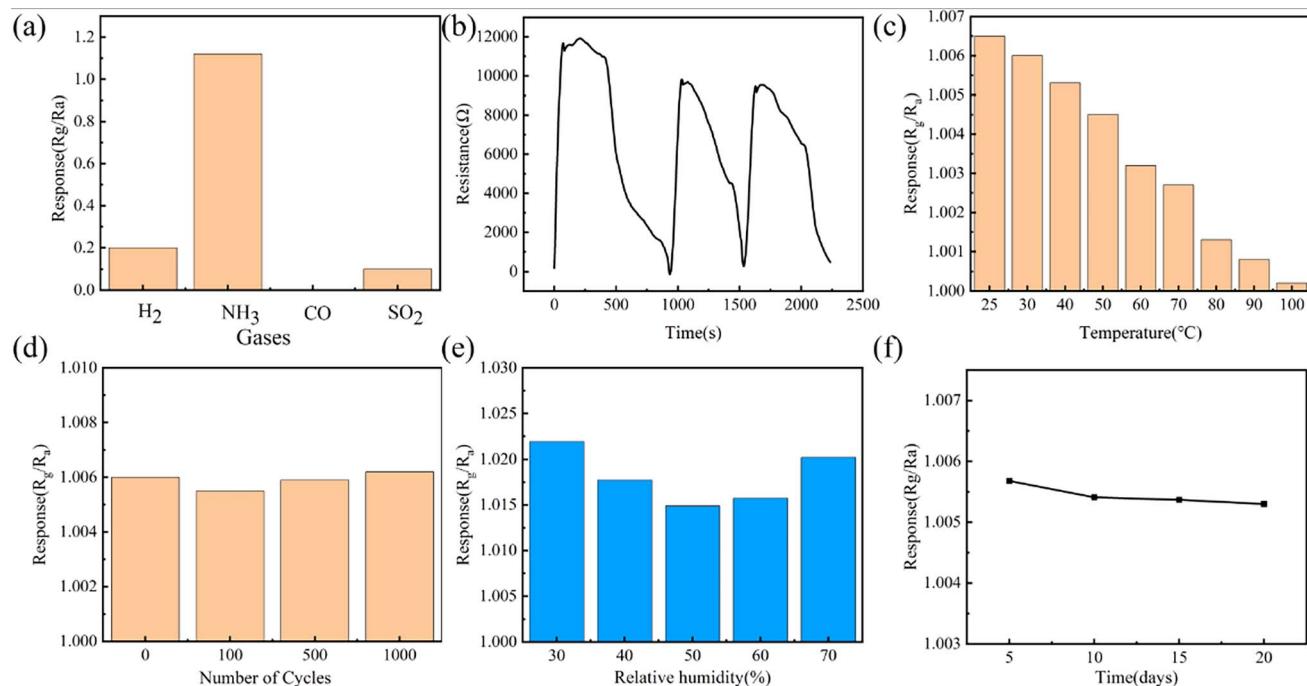


Fig. 7 (a) Response of fiber-shaped sensor towards different interference gases with a concentration of 40 ppm. (b) Cycling response toward 40 ppm NH₃ at room temperature. (c) Response value of the NH₃ sensor at different operating temperatures. (d) Response changes of NH₃ sensors after different bending cycles. (e) Response values of the NH₃ sensor at different relative humidities. (f) Temporal stability of the NH₃ sensors.

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