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## CORRECTION

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## Correction: Comparative study on formic acid sensing properties of flame-made Zn<sub>2</sub>SnO<sub>4</sub> nanoparticles and its parent metal oxides

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Correction for 'Comparative study on formic acid sensing properties of flame-made Zn<sub>2</sub>SnO<sub>4</sub> nanoparticles and its parent metal oxides' by Matawee Punginsang et al., Phys. Chem. Chem. Phys., 2023, 25, 15407-15421, https://doi.org/10.1039/D3CP00845B.

Fig. 8-10 in the published version of the manuscript contained errors. Fig. 8(b) is partly overridden by another image, which is the correct image of Fig. 9. The image of Fig. 9 in the published version should have been Fig. 10. Fig. 10 in the published version of the manuscript is a copy of Fig. 11.

The correct images for Fig. 8-10 and the corresponding captions are given here.

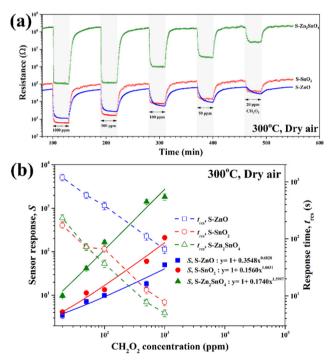


Fig. 8 (a) Typical changes in resistance, and (b) sensor response (S) and response time (t<sub>res</sub>) of S-Zn<sub>2</sub>SnO<sub>4</sub>, S-SnO<sub>2</sub> and S-ZnO with different CH<sub>2</sub>O<sub>2</sub> concentrations at 300 °C.

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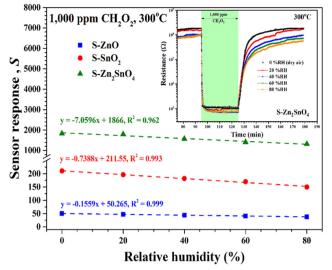


Fig. 9 Sensor response of S-ZnO, S-SnO<sub>2</sub>, and S-Zn<sub>2</sub>SnO<sub>4</sub> sensors towards 1000 ppm CH<sub>2</sub>O<sub>2</sub> as a function of relative humidity (RH) at 0-80%. Inset: Corresponding change in resistance of S-Zn<sub>2</sub>SnO<sub>4</sub> sensor.

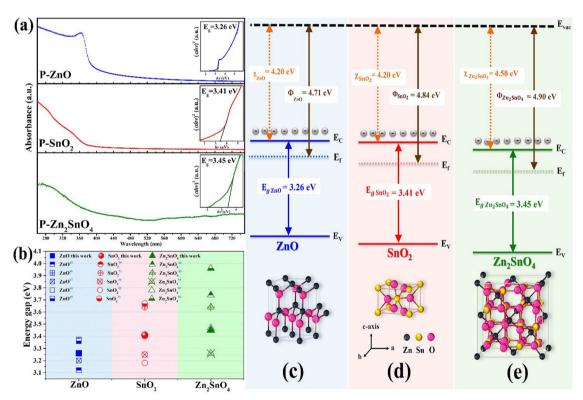


Fig. 10 (a) UV-visible absorption spectra of flame-made SnO<sub>2</sub>, ZnO, and Zn<sub>2</sub>SnO<sub>4</sub> nanoparticles, inset: the corresponding plot of  $(\alpha h v)^2$  vs. phonon energy, (b) the calculated energy gap ( $E_0$ ) in comparison with other reports and the energy band diagrams of (c) ZnO, (d) SnO<sub>2</sub>, and (e) Zn<sub>2</sub>SnO<sub>4</sub> creation at thermal equilibrium together with their structural models.

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