## **Supporting Information**

## Solid-state synthesis of SnO<sub>2</sub>/grapheme nanocomposite for photocatalysis and formaldehyde gas sensing

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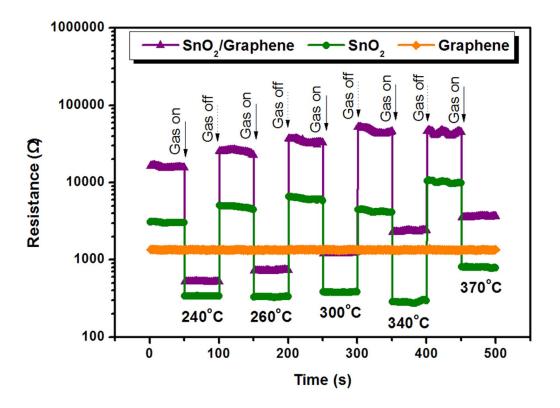


Fig. S1 Resistance transients of the sensor to 100 ppm HCHO at different operating temperatures.

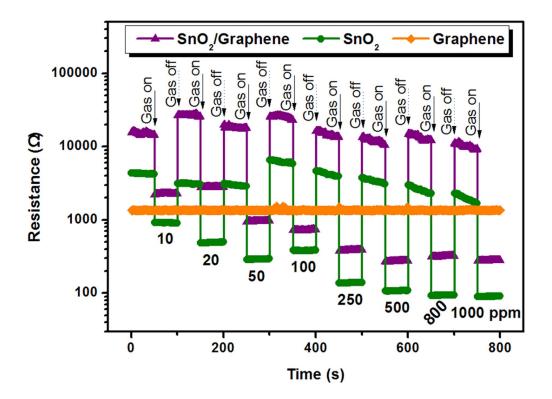


Fig. S2 Resistance transients of the sensors to different concentrations of HCHO.

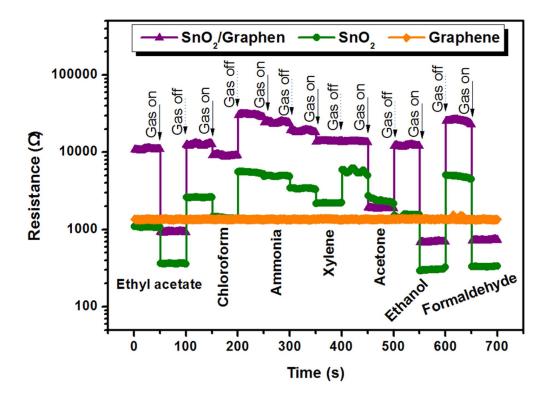


Fig. S3 Resistance transients of the sensors to 100 ppm various vapours at 260°C.