

Supporting Information

High Stability Weighing Paper/Polytetrafluoroethylene-Based Triboelectric Nanogenerator for Self-Powered In₂O₃ Nanocubes/SnS₂ Nanoflowers NO₂ Gas Sensor

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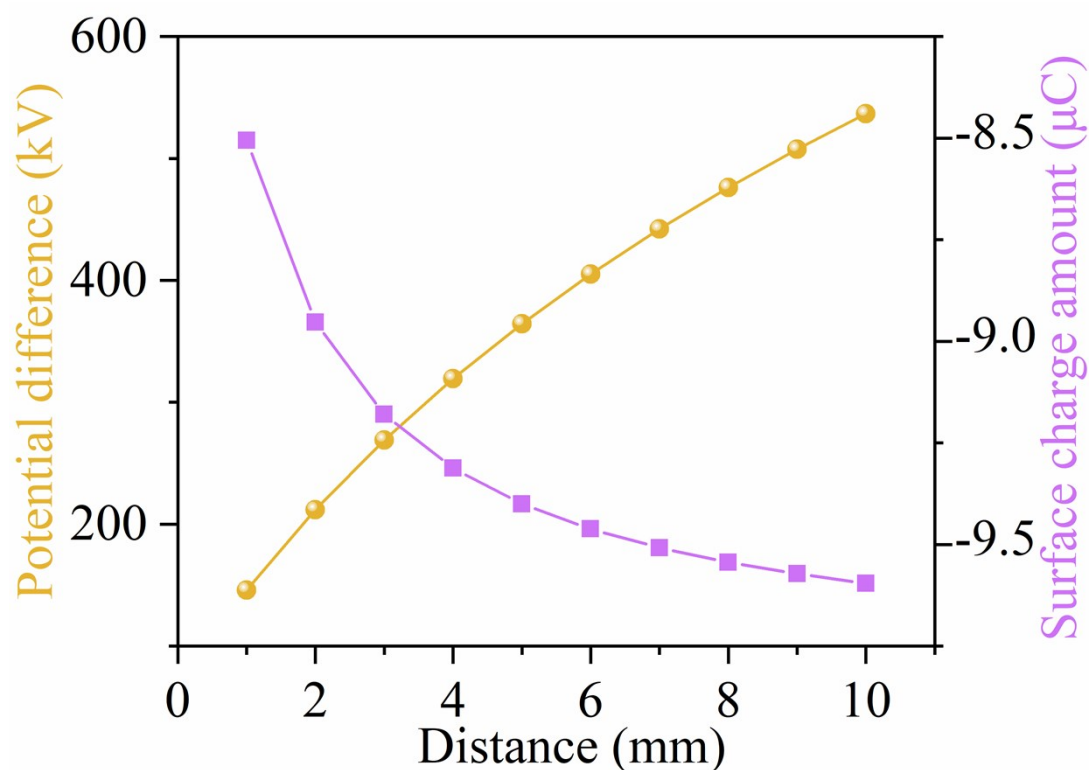


Figure S1. Potential difference and transferred charge amount as a function of distance between PTFE and weighing paper.

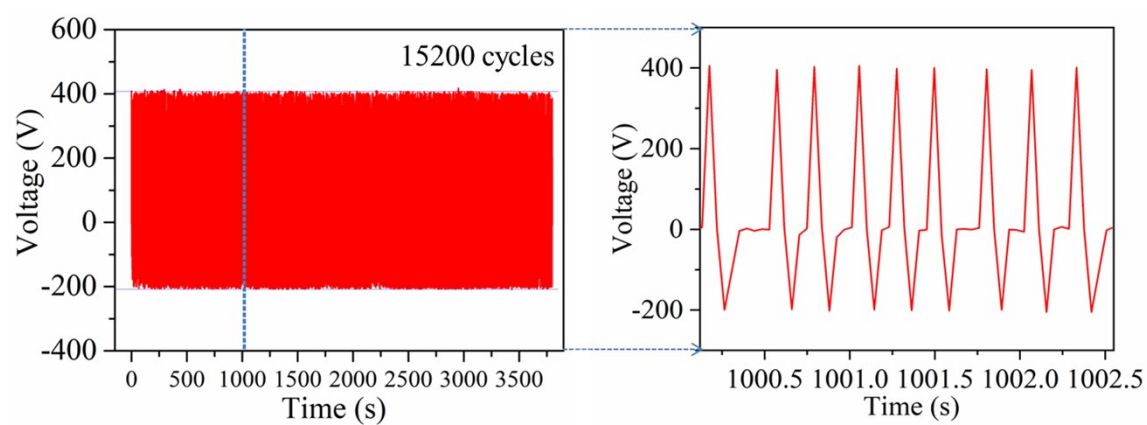


Figure S2. Output signal and partially enlarged signal view of the TENG at 4 Hz.

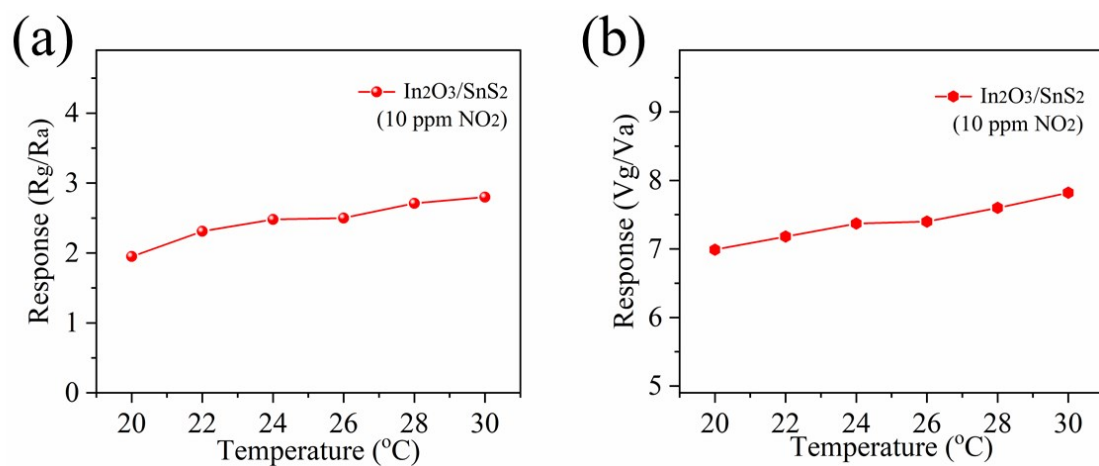


Figure S3. (a) The response (R_g/R_a) and (b) (V_g/V_a) of the $\text{In}_2\text{O}_3/\text{SnS}_2$ sensor towards 10 ppm of NO_2 with temperature from 20°C to 30°C.

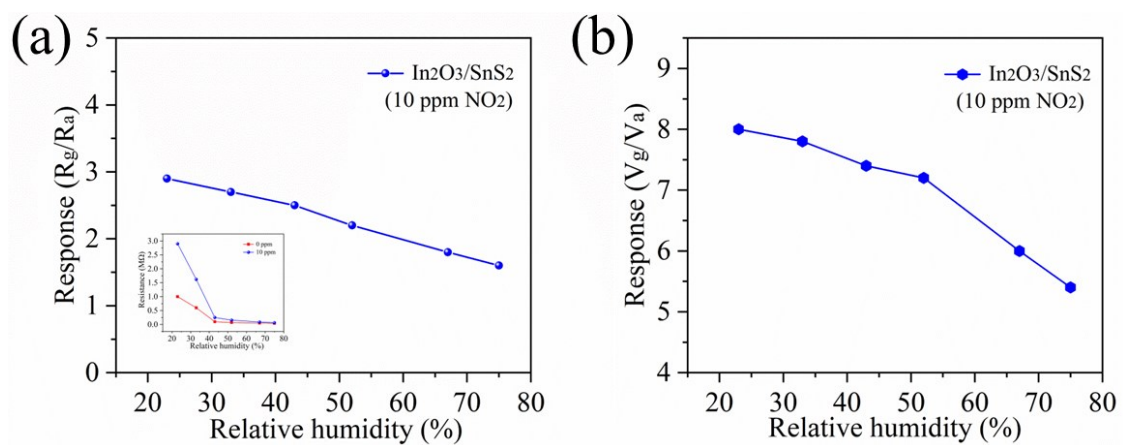


Figure S4. (a) The response (R_g/R_a) and (b) (V_g/V_a) of the $\text{In}_2\text{O}_3/\text{SnS}_2$ sensor towards 10 ppm of NO_2 under different humidity environments (23–75% RH).