

Fabrication and application of SiNWs based PANI:MO_x Heterostructures for Human Respiratory Monitoring

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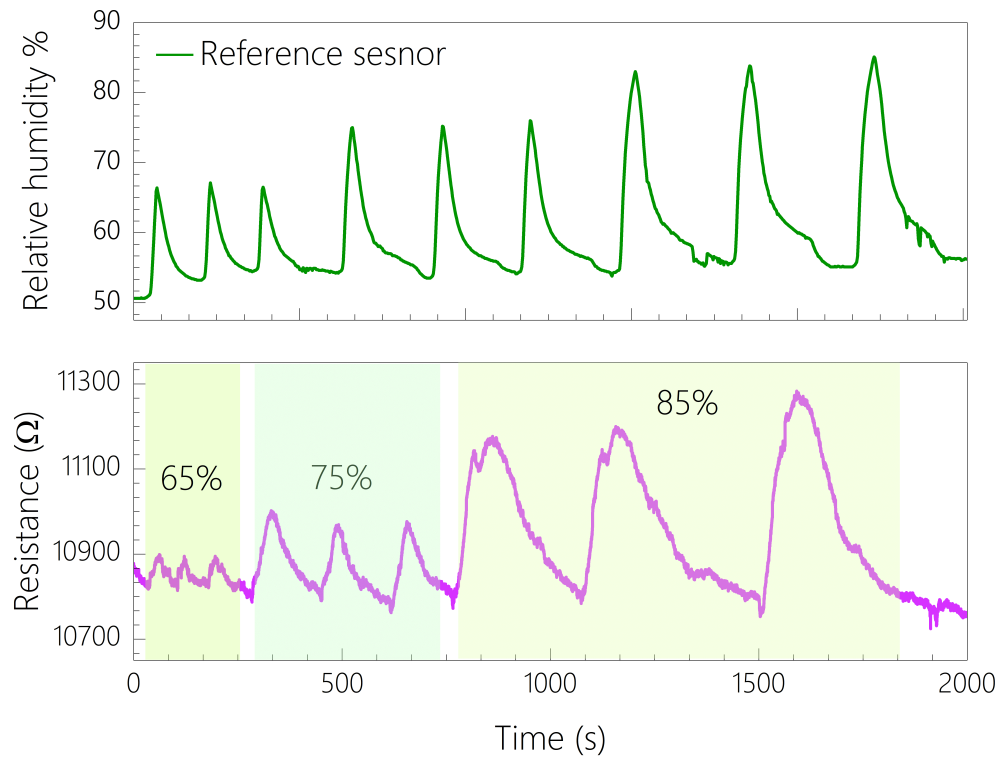


Figure 1: Supplementary Figure: (a) Resistance as function of time for SiNWs/WO₃ structure under varying relative humidity i.e., 65%, 75% and 85%. The relative humidity levels were controlled automatically and was monitored by a reference commercially available humidity sensor (AM2302 and HTU21D) for which the profile obtained is show in (b). Measurement For each relative humidity was conducted multiple times to confirm the repeatability and the stability of the measured data.