Supporting Information

High-performance paper-based humidity sensors with tightly embedded Nafion/AgNWs electrodes

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Figure S1. Schematic diagram of the measurement setup.



Figure S2. The CV curve of the sensor.



Figure S3. The investigation of adhesion force between the electrodes and the filter paper via repeating sticking-peeling test by M&G tape.



Figure S4. The linear fitting curve of current and relative humidity.



Figure S5. Response curve of the sensor at 100% RH for 6000s.



Figure S6. Sensors installed on a mask for humidity detection, where electrodes are extended via conductive tapes.