

Tannery solid wastes-derived cross-scale deformable piezoresistive sensors for monitoring human body motions

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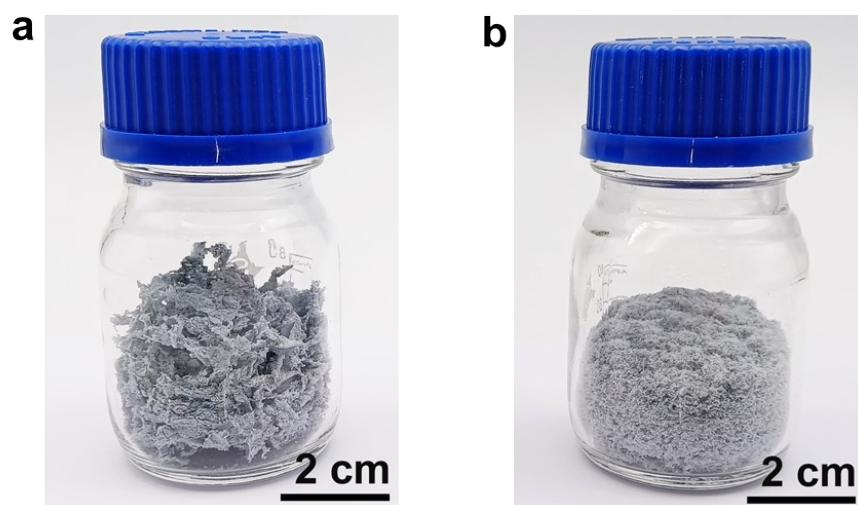


Figure S1. Digital photographs of (a) TSWs and (b) TSWs after being milled.

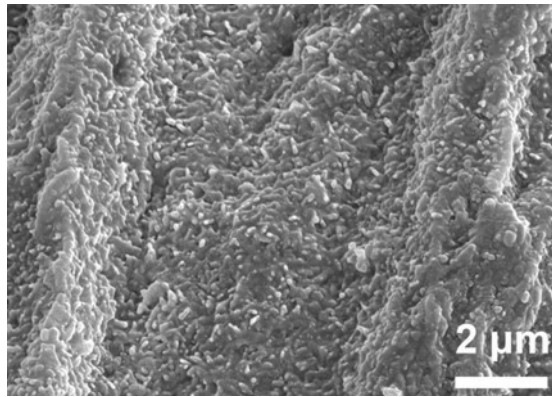


Figure S2. FESEM image showing the rough surface of conductive PSDM-structured foam.

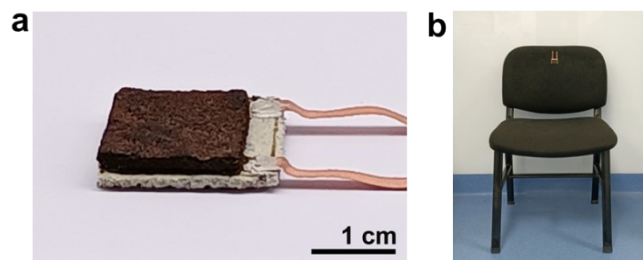


Figure S3. (a) Digital photograph showing the cross-scale deformable piezoresistive sensor, and (b) the chair equipped with the cross-scale deformable piezoresistive sensor.

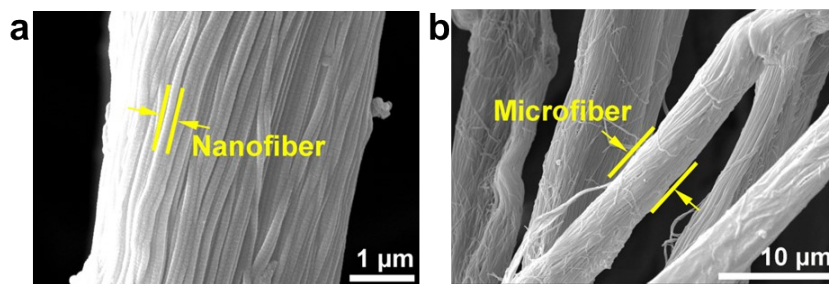


Figure S4. FESEM images showing the hierarchically fibrous structure of CFs, from (a) nanoscale to (b) microscale.

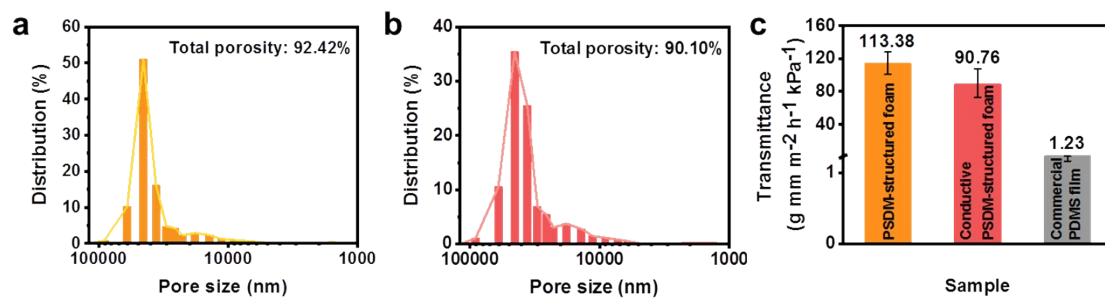


Figure S5. The porosity distribution of (a) the PSDM-structured foam and (b) the conductive PSDM-structured foam, (c) comparisons of the water-vapor permeability among the PSDM-structured foam, the conductive PSDM-structured foam and the commercial PDMS film.