Supporting information

Nacre-inspired Highly Stretchable Piezoresistive Cu-Ag Nanowires/Graphene Synergistic Conductive Network for Strain Sensor and Beyond

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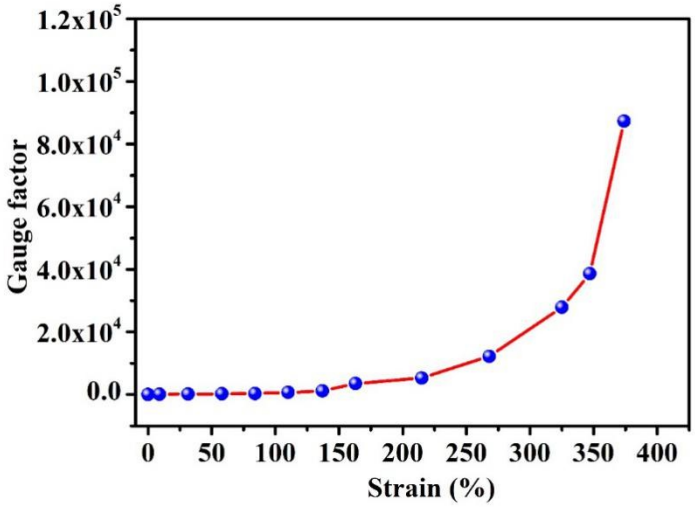

Fig. S1 Gauge factor vs. stretching strain

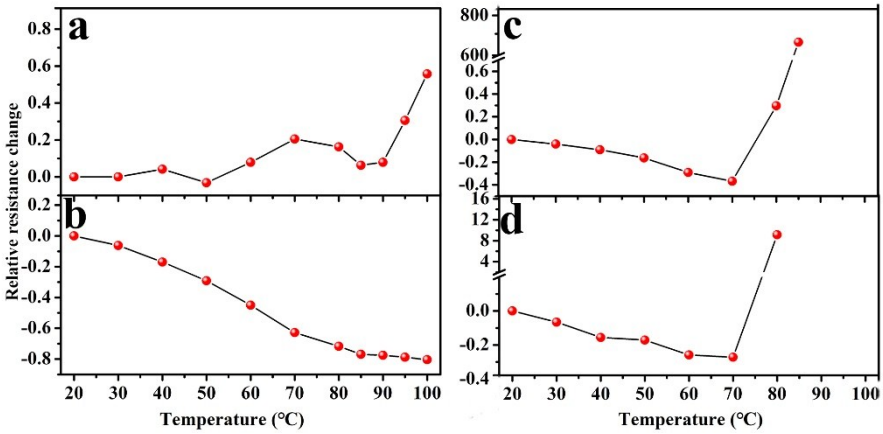

Fig. S2 Plot of relative resistance change vs. Temperature at certain strain: (a) 0%, (b) 50%, (c) 100%, (d) 200%

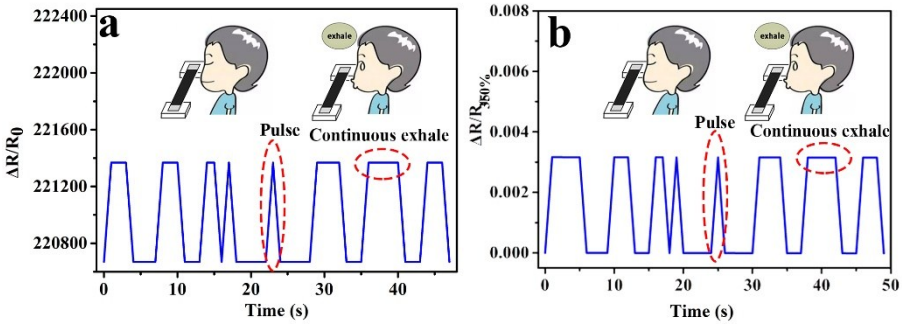

Figure S3. Relative resistance responses of pre-stretched (350%) biomimetic strain sensor in monitoring breathing: (a) relative resistance change based on R_0; (b) relative resistance change based on $R_{350\%}$.

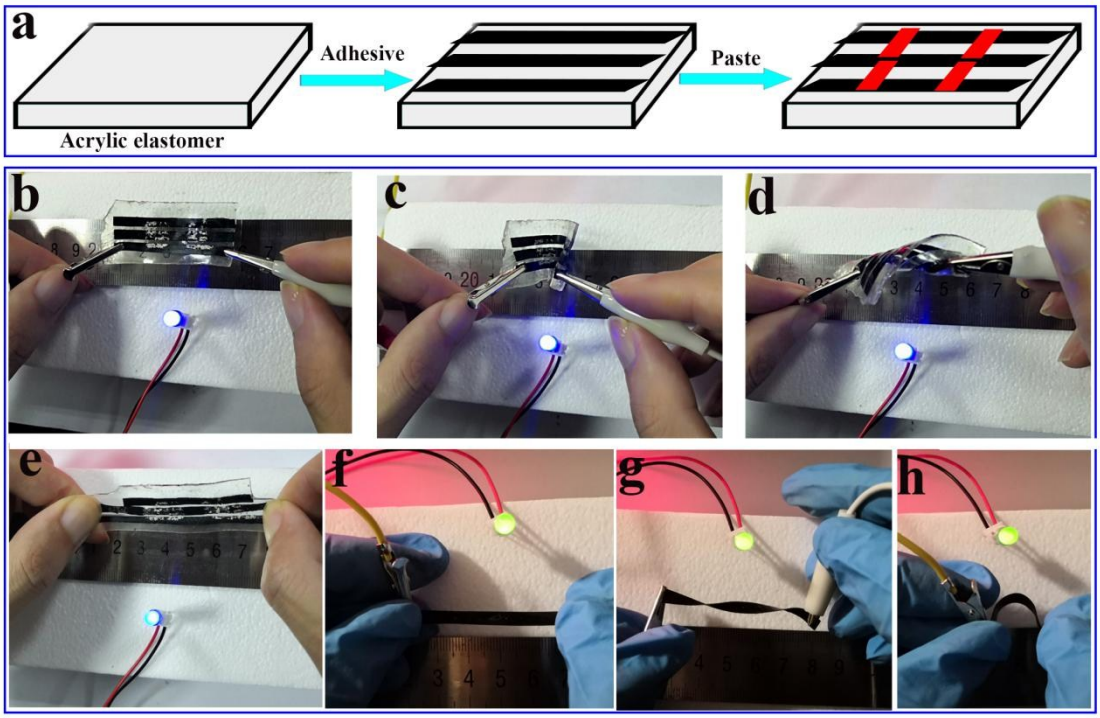

Fig. S4 (a) Schematic diagram of the preparation process of the parallel circuit. (b-e) Optical image of LED lamp in parallel circuit: initial, bending, twisting and tensile state, respectively. (f-h) Optical image of a LED lamp in a series circuit: initial, bending, twisting single conductor.