

Supplementary Materials

Liquid Metal Patterned Stretchable and Soft Capacitive Sensor with Enhanced Dielectric Property Enabled by Graphite Nanofiber Fillers

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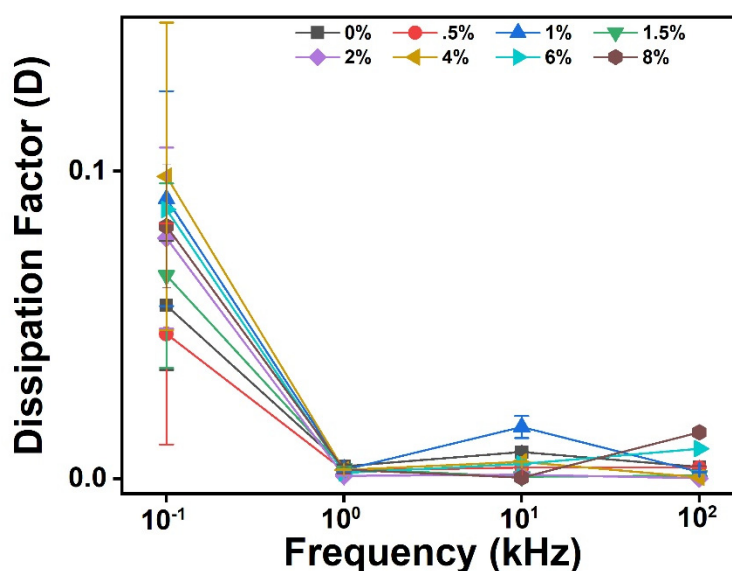


Figure S1. Plot of dissipation factor (D) of PGNCs versus testing frequencies up to 8 wt % GNF.

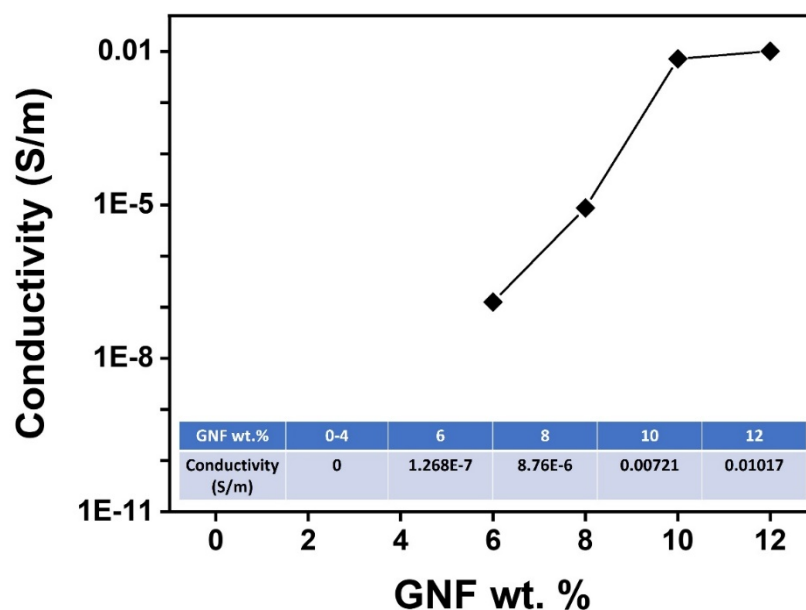


Figure S2. DC conductivity of PGNCs with different loadings of GNF fillers.

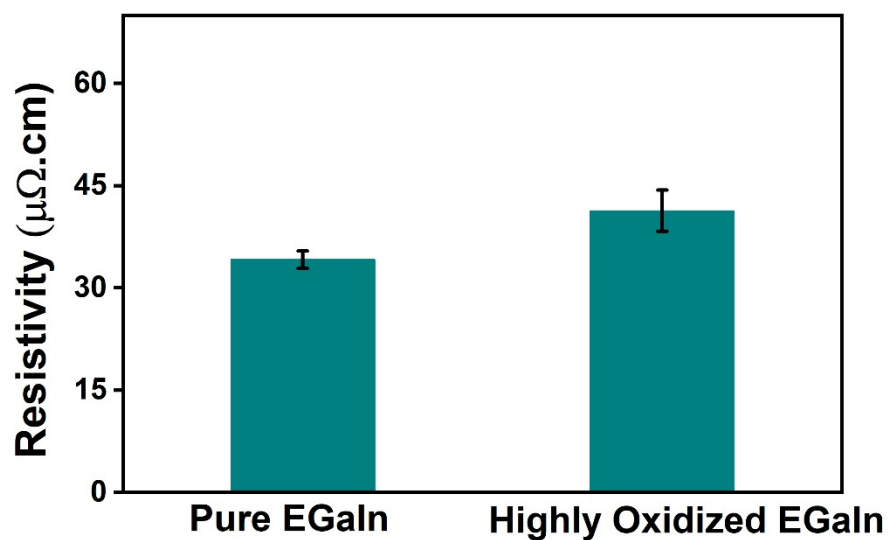


Figure S3. Resistivity values of pure EGaIn and highly oxidized EGaIn.

Table S1. Dielectric constant (k) of PGNCs at different GNF wt % at testing frequency 1 kHz. The dielectric values are measured at room temperature.

GNF wt %	Dielectric Constant
0	2.7



0.5	3.24
1	3.53
1.5	3.63
2	3.98
4	4.56
6	6.41
8	10.34
10	31
12	35

Supplementary Video List

Video S1. Adhesion test of a tiny droplet of EGaIn on the surface of PGNC@6 wt % by tilting.