

**Electronic Supplementary Information**

**High Toughness Fully Physical Cross-Linked Double Network Organohydrogels  
for Strain Sensor with Anti-Freezing and Anti-Fatigue Property**

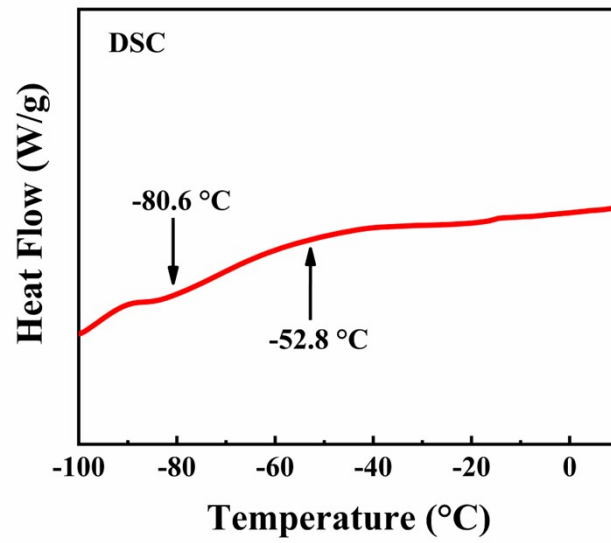
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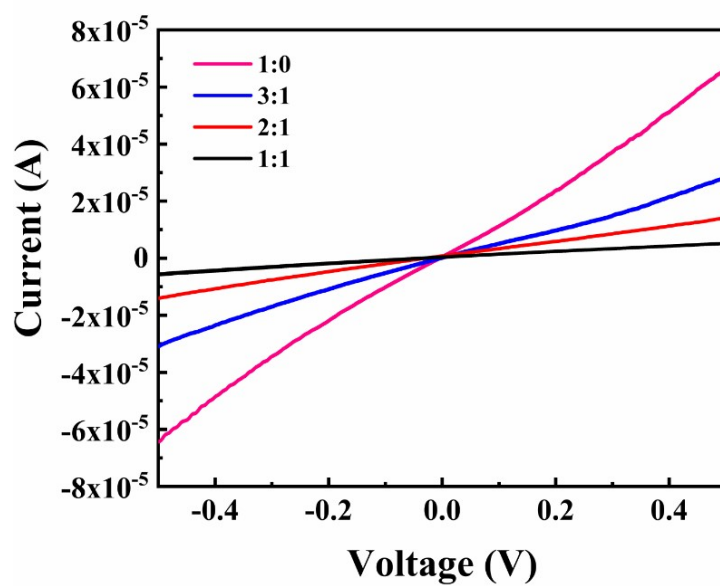
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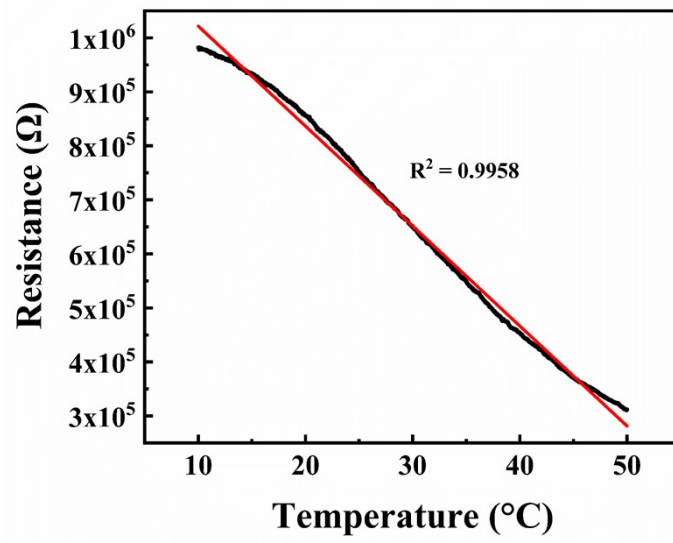
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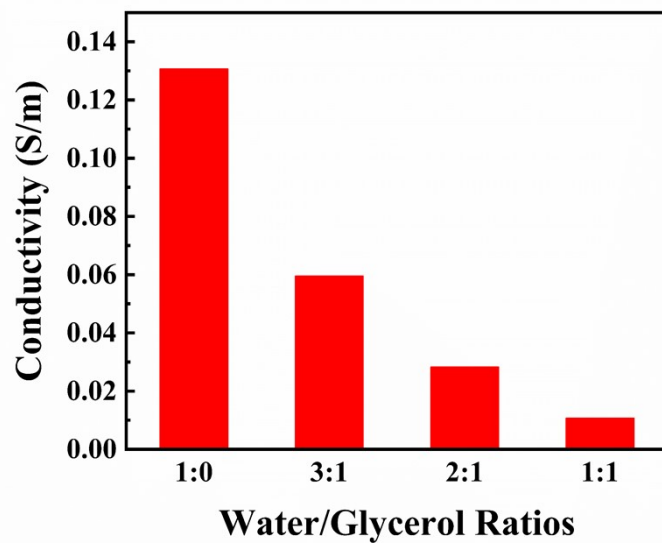
**Fig. S1** DSC curve of the gelatin/pHEAA/Gly/LiCl organohydrogels from -100 °C to 10 °C.



**Fig. S2** The current-voltage curves of gelatin/pHEAA/Gly/LiCl organohydrogels with different water/glycerol ratios.



**Fig. S3** The changes of resistance of gelatin/pHEAA/Gly/LiCl organohydrogels when the temperature increases from 10 °C to 50 °C.



**Fig. S4** The conductivity of gelatin/pHEAA/Gly/LiCl organohydrogels with different water/glycerin ratio.