Supplementary Materials

Flexible Mechanical Sensors Fabricated with Graphene Oxide-Coated Commercial Silk

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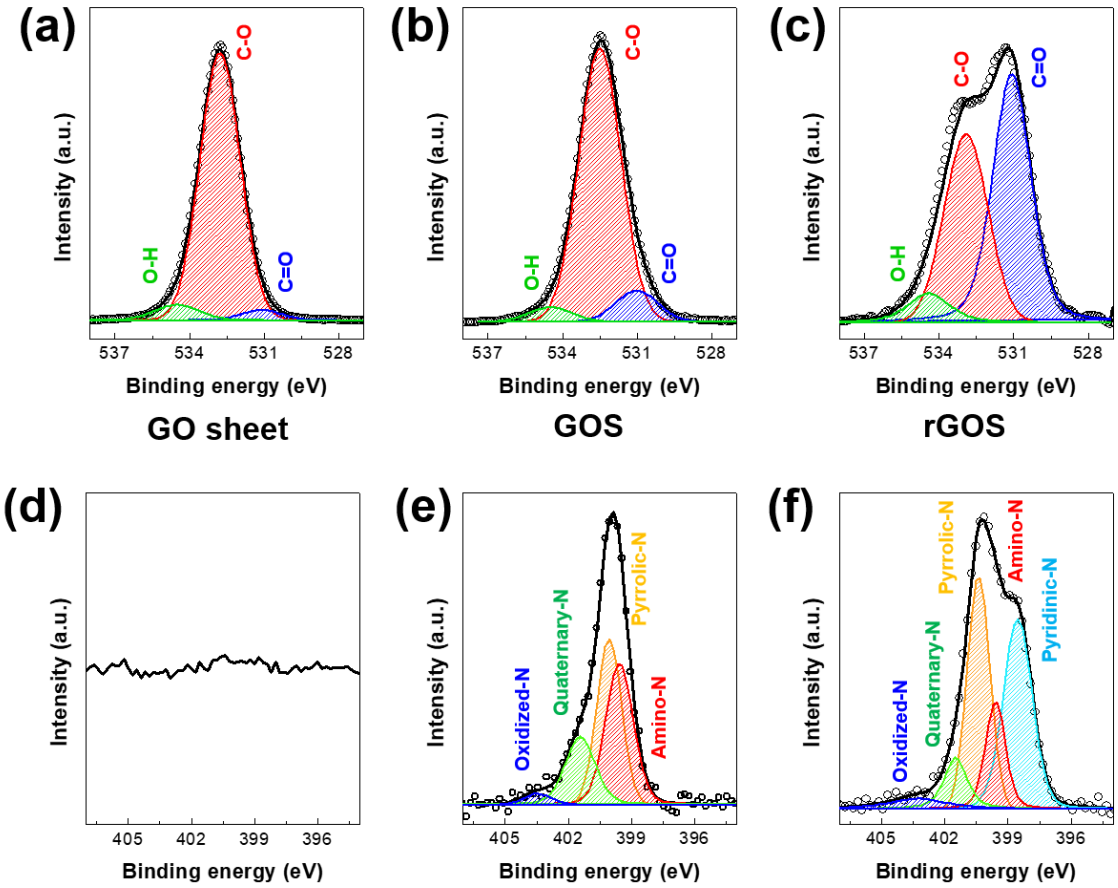

Figure S1. O1s XPS spectra of (a) GO, (b) GOS, and (c) rGOS. N1s XPS spectra of (d) GO, (e) GOS, and (f) rGOS.

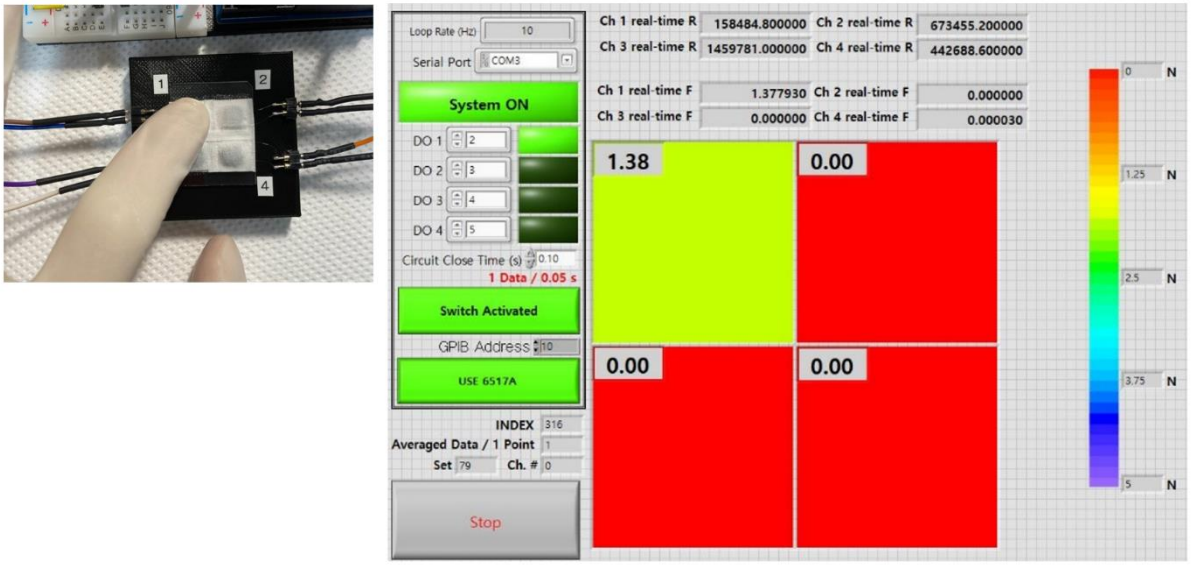

Figure S2. The operation of the pressure sensor module with Labview program.

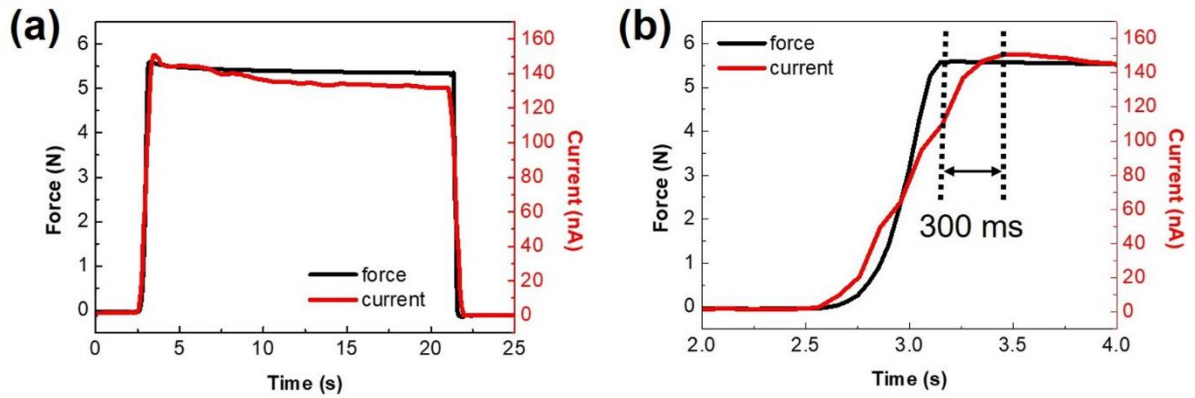

Figure S3. (a) The response time of the pressure sensor and (b) its magnified image. The response time is about 300 ms.

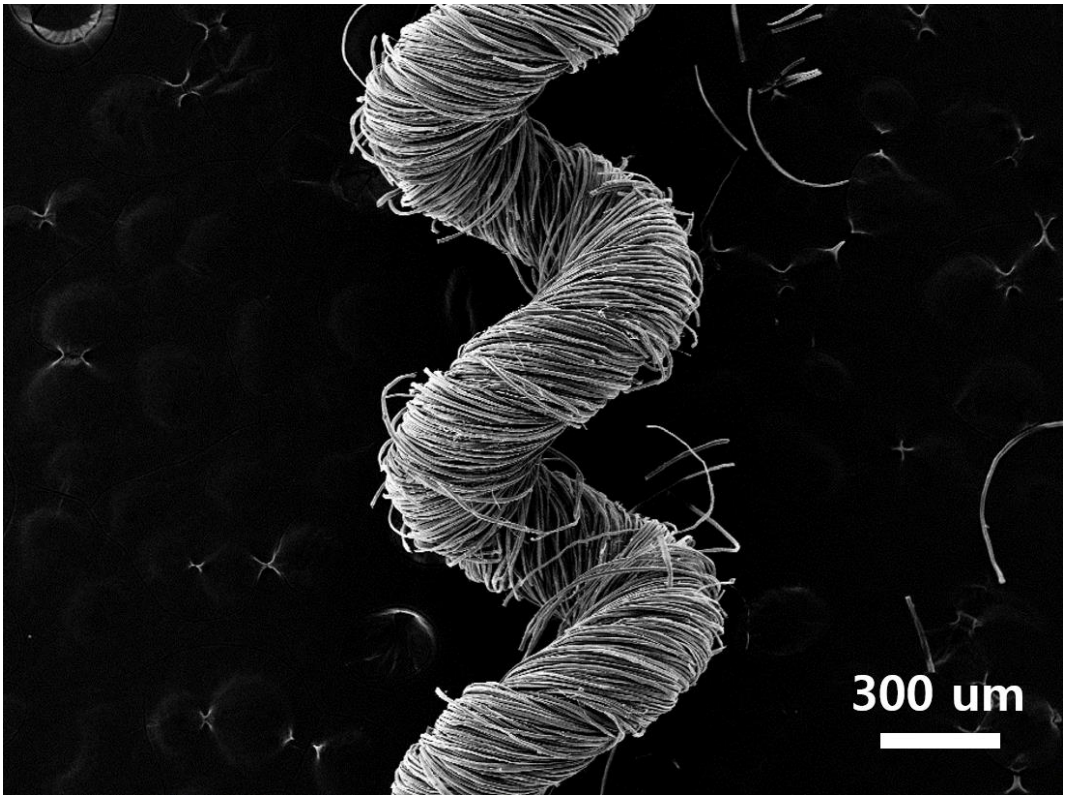

Figure S4. The SEM image of twisted rGOS yarn stretched maximally. Some fibers were broken, increasing R.

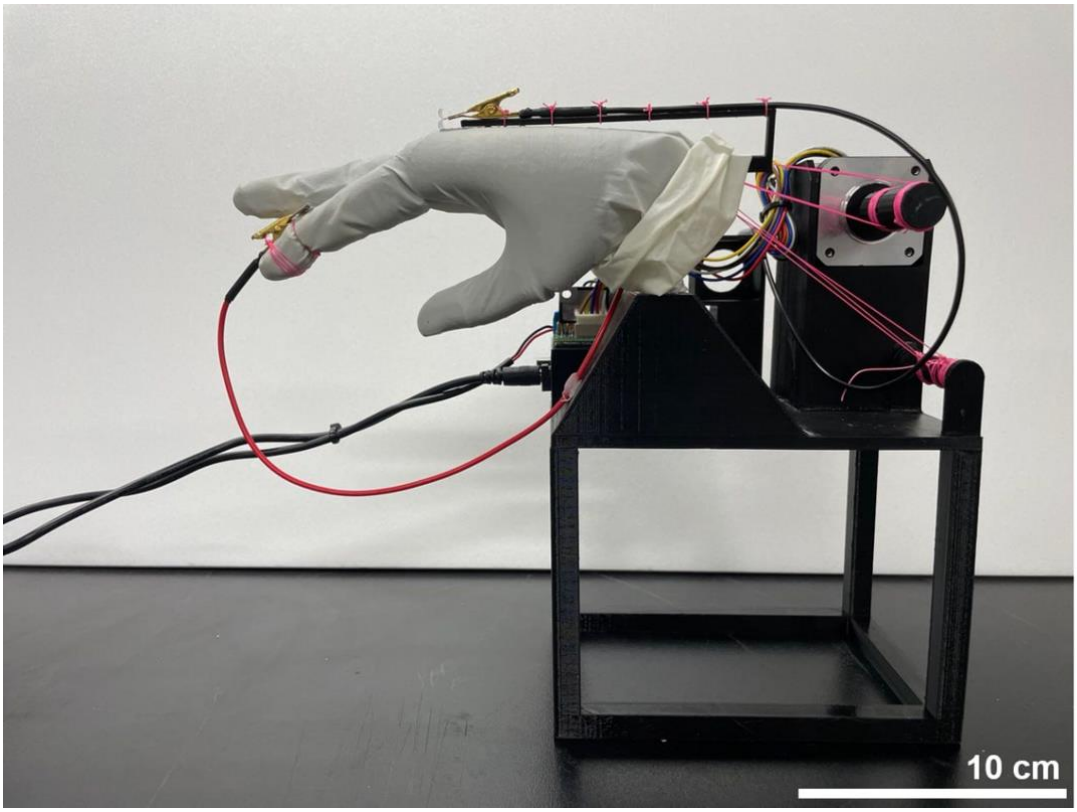

Figure S5. Home-made artificial hand using a 3D printer and step motors.