

Article

Flexible, Strong and Multifunctional Anf@Ag Nanocomposite Film for Human Physiology and Motion Monitoring

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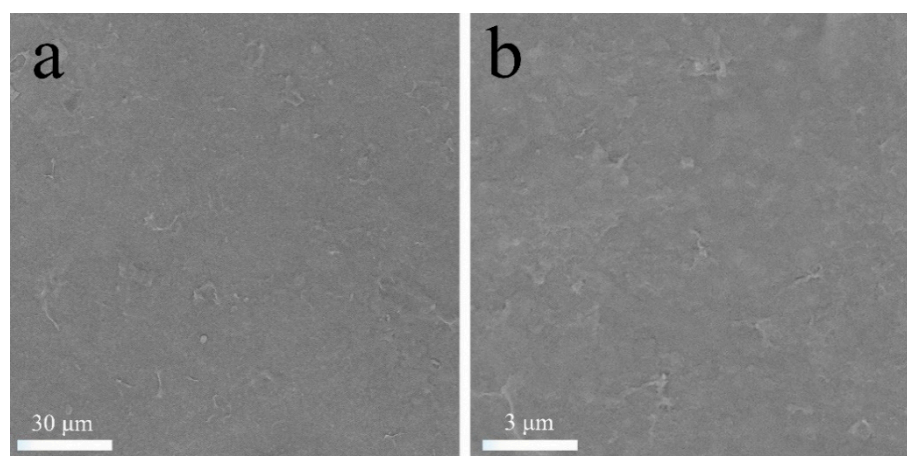


Figure S1. Surface morphologies of the ANF film prepared by ordinary drying process at (a) low and (b) high magnification.

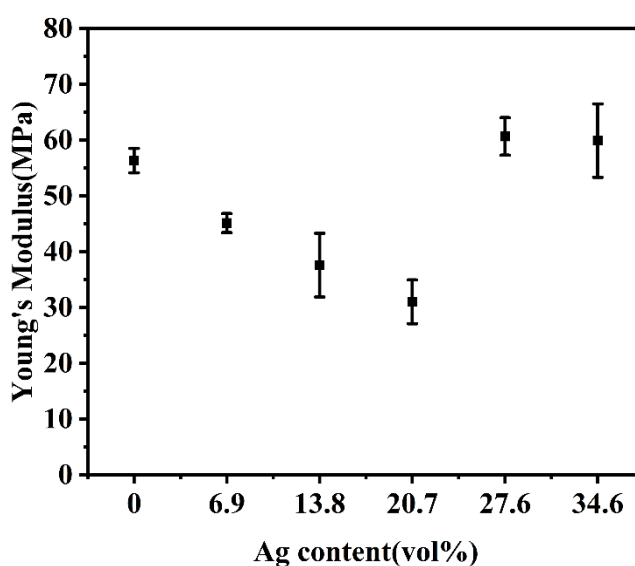


Figure S2. Young's modulus of the ANF film and ANF@Ag nanocomposite films with different Ag content.

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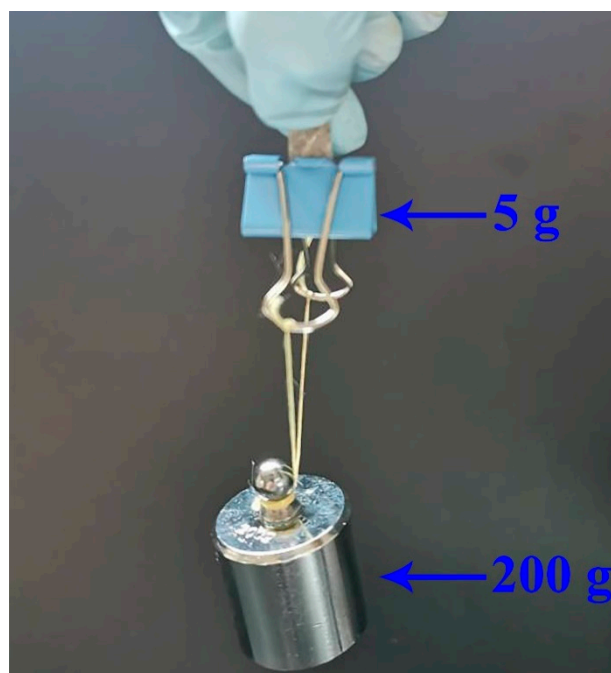


Figure S3. Digital photograph of demonstrating the ability of the ANF@Ag nanocomposite film (27.6 vol%) completely support ca. 205 g mass.

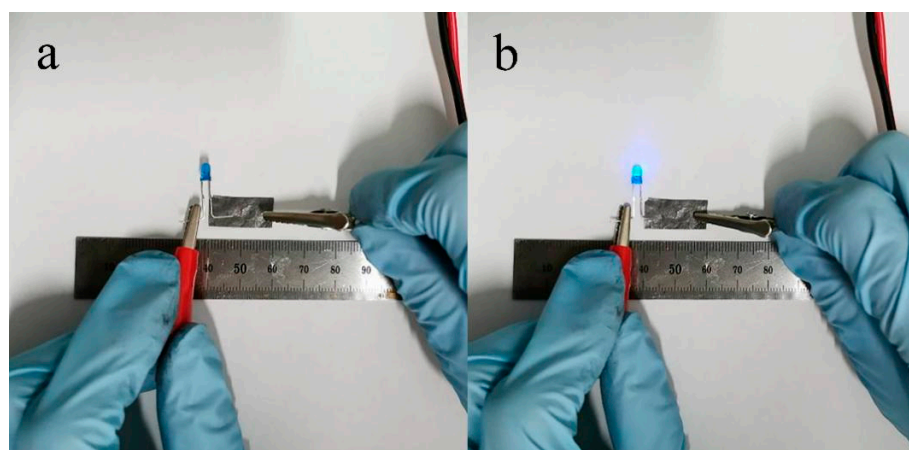


Figure S4. Digital Photographs of the ANF@Ag nanocomposite film (27.6 vol%) connected to a circuit with a LED bulb.

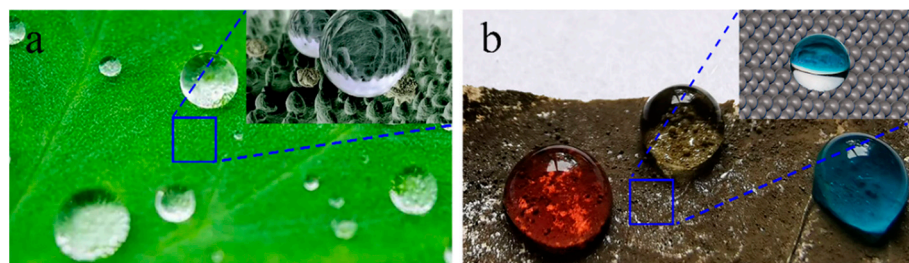


Figure S5. (a) Mastoid structure of lotus leaf and (b) Hierarchical structure of the ANF@Ag nanocomposite film.

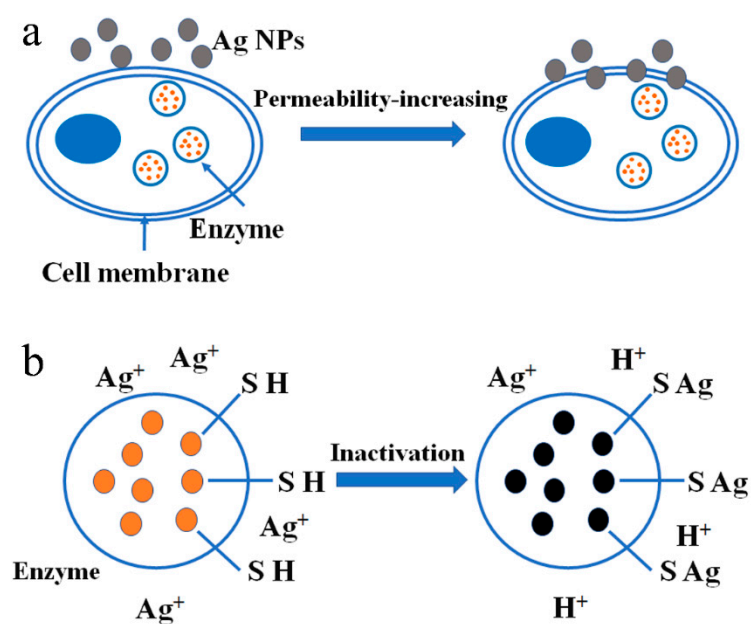


Figure S6. Schematic illustration of the antibacterial mechanism of the Ag NPs.

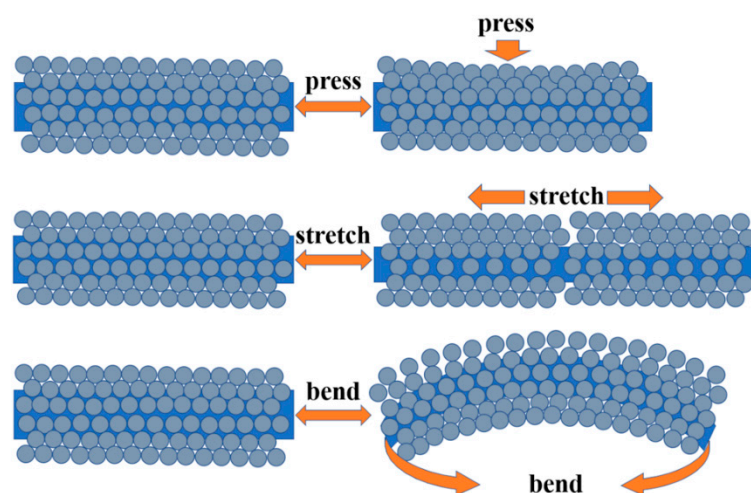


Figure S7. Schematic illustration of the ANF@Ag pressure sensor in response to different external mechanical stimuli.