

Article

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

Haofan Long^{1,†}, Qing Li^{1,†}, Shulan Peng¹, Shiqiang Chen¹, Tonghua Zhang¹, Mingyuan Zhang², Minghua Li² and Lei Chen^{1,2,*}

¹ College of Sericulture, Textile and Biomass Sciences, Southwest University, Chongqing 400715, China; longhaofande163@163.com (H.L.); qingli@swu.edu.cn (Q.L.); pengshulan@luolai.com.cn (S.P.); csq123163@163.com (S.C.); zhtonghua@aliyun.com (T.Z.);

² State Key Laboratory of Bio-Fibers and Eco-Textiles, Qingdao University, Qingdao 266071, China; zhangyuanming001@163.com (M.Z.); hw7812@163.com (M.L.)

* Correspondence: raychen@swu.edu.cn.

† These authors contributed equally to this work.

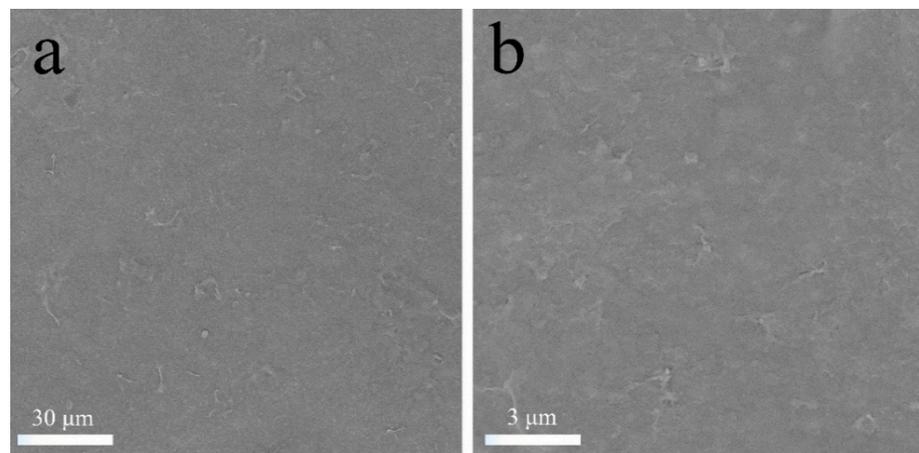


Figure S1. Surface morphologies of the ANF film prepared by ordinary drying process at (a) low and (b) high magnification.

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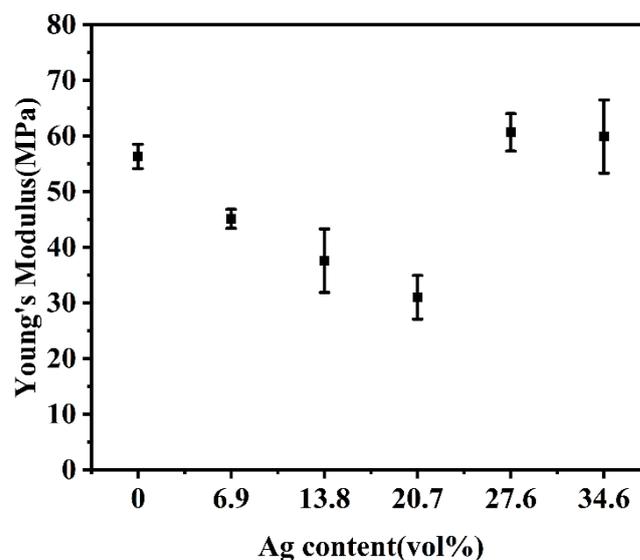


Figure S2. Young's modulus of the ANF film and ANF@Ag nanocomposite films with different Ag content.

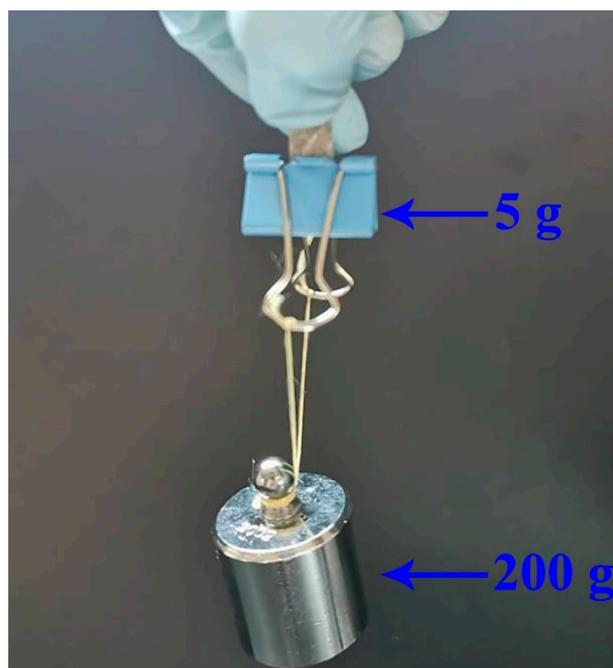


Figure S3. Digital photograph of demonstrating the ability of the ANF@Ag nanocomposite film (27.6 vol%) completely support ca. 205 g mass.

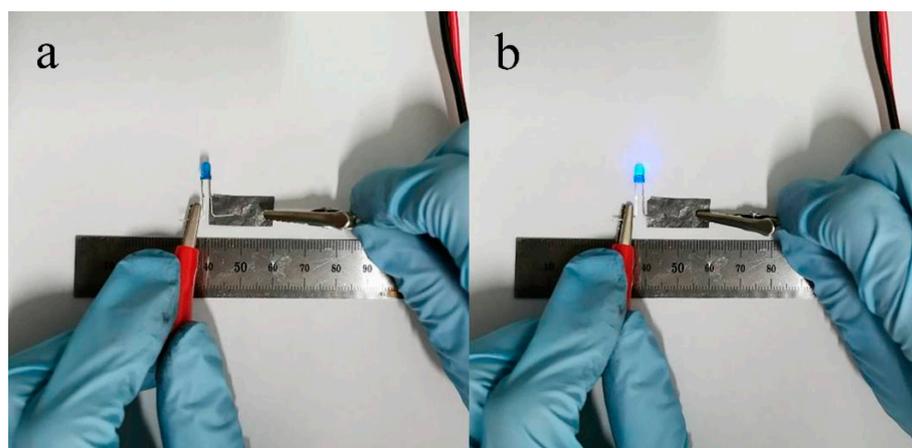


Figure S4. Digital Photographs of the ANF@Ag nanocomposite film (27.6 vol%) connected to a circuit with a LED bulb.

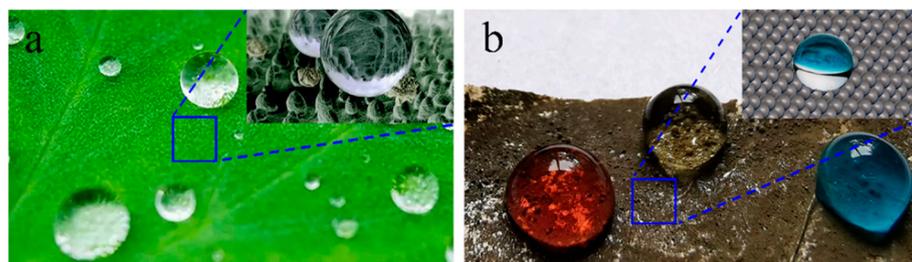


Figure S5. (a) Mastoid structure of lotus leaf and (b) Hierarchical structure of the ANF@Ag nanocomposite film.

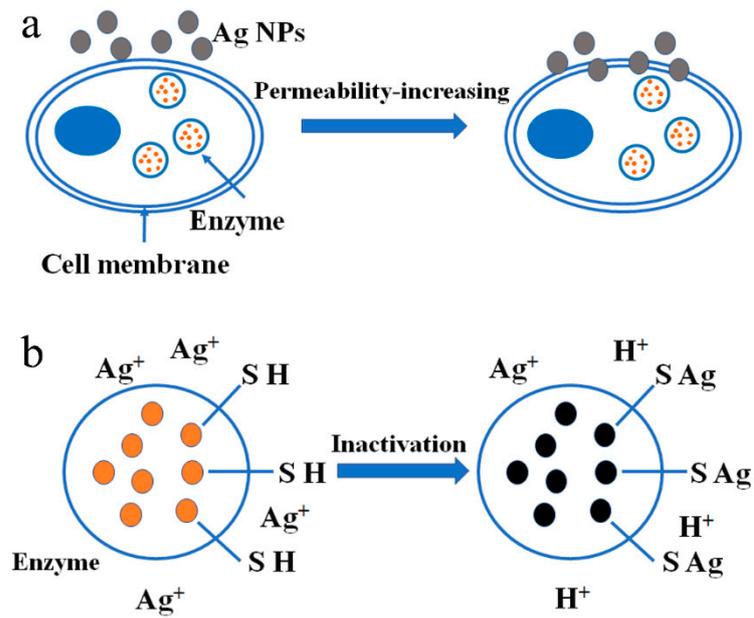


Figure S6. Schematic illustration of the antibacterial mechanism of the Ag NPs.

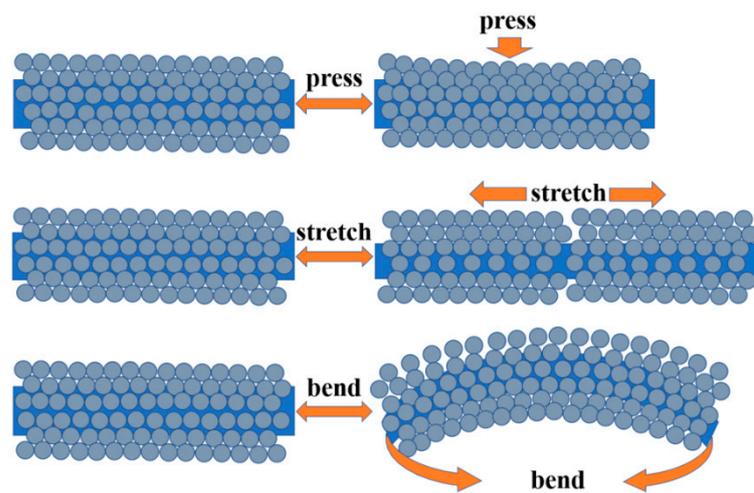


Figure S7. Schematic illustration of the ANF@Ag pressure sensor in response to different external mechanical stimuli.