Electronic Supplementary Material (ESI) for Nanoscale. This journal is © The Royal Society of Chemistry 2020

## Supplementary Information for

## Multifunctional Skin-like Wearable Optical Sensor Based on Optical Micro/nanofibre

Jing Pan, a Zhang Zhang, a Chengpeng Jiang, b Lei Zhang \* a b and Limin Tong \* a

<sup>a</sup>State Key Laboratory of Modern Optical Instrumentation, College of Optical Science and Engineering, Zhejiang University, Hangzhou, 310027

<sup>b</sup>Research Center for Intelligent Sensing, Zhejiang Lab, Hangzhou 311121

E-mail: zhang\_lei@zju.edu.cn; phytong@zju.edu.cn

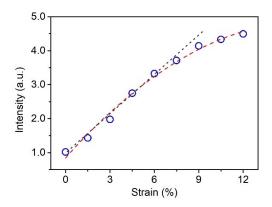


Fig. S1 Optical intensity under various strains in the range of 0 to 12.5%.

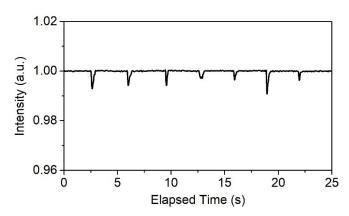


Fig. S2 Dynamic response of a SLWOS to body temperature and skin movement.