

Supplementary Materials for

**Femtosecond Laser Fabrication of High-Linearity
Liquid Metal-Based Flexible Strain Sensor**

Cheng Li¹, Chengjun Zhang², Haoyu Li¹, Zexiang Luo¹, Yuanchen Zhang¹, Xun Hou¹, Qing Yang²
and Feng Chen^{1,*}

¹*State Key Laboratory for Manufacturing System Engineering and Shaanxi Key Laboratory of Photonics Technology for Information, School of Electronic Science and Engineering, Xi'an Jiaotong University, Xi'an 710049, China*

²*School of Instrument Science and Technology, Xi'an Jiaotong University, Xi'an 710049, China*

*Correspondence: chenfeng@mail.xjtu.edu.cn

This PDF file includes:

Figures S1 to S4

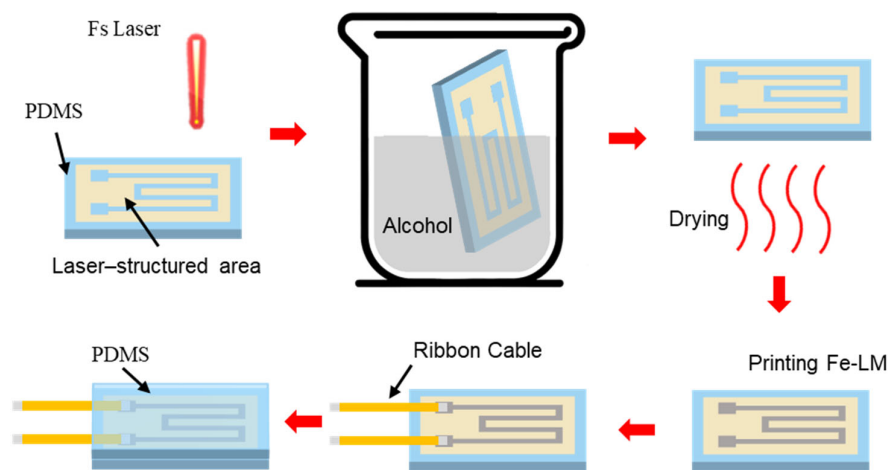


Figure S1. Preparation of the strain sensor.

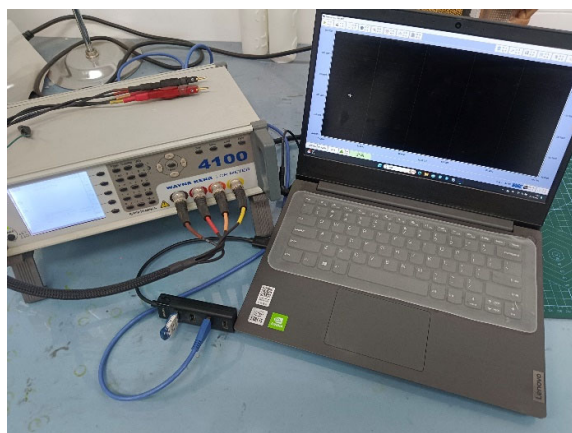


Figure S2. A WK4100 LCR meter.

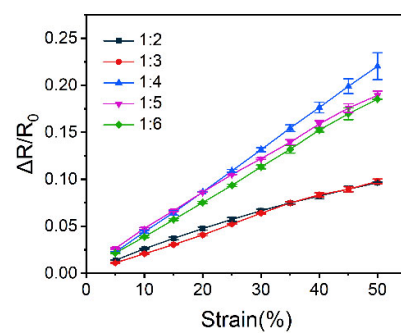


Figure S3. Resistance change of different weight ratios of Fe-LM.

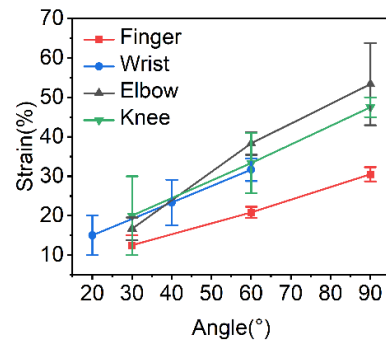


Figure S4. The strain of the sensor at different positions as a function of angle.