

## Special Issue

# Current Technologies of Textile Sensors

### Message from the Guest Editor

Smart textiles and flexible sensors have recently emerged as a new interest from both industry and academia. Textile materials are soft, malleable, and permeable, allowing for significant advances toward the development of wearable sensors made from fiber-based materials. The current textile sensors are made by involving sensing materials into fibers, yarns or fabrics. The created sensors could detect different stimuli, such as temperature, mechanical deformation, humidity, and so on. The textile sensors have potential uses in diverse fields, such as healthcare, robotics, and human-machine interaction. To demonstrate the current technologies in this rapidly developing field, this special issue will present contributions from experts in the field. Potential topics include, but are not limited to:

- fiber/yarn/fabric sensors
- pressure/strain/temperature/or any types of sensors
- application of textile sensors,
- mechanism of textile sensors,
- flexible sensing networks

### Guest Editor

Dr. Qiao Li

College of Textiles, Donghua University, Shanghai 200051, China

### Deadline for manuscript submissions

closed (1 December 2022)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/104300](https://mdpi.com/si/104300)

*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)





# Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)



## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

---

### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

#### Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)