

## Special Issue

# Flexible and Wearable Sensors: Design, Fabrication Methods, and Applications

### Message from the Guest Editors

Lately, there has been a rapid expansion of flexible and wearable sensors, with significant advancements in material design and device manufacturing that have significantly facilitated the development of wearable sensors for real-world applications. To effectively deploy wearable sensors in practical applications, it is crucial to emphasize ongoing research efforts on several fronts, including optimizing materials for comfort whilst wearing, refining materials and device production processes for scalability, and identifying compelling application scenarios. Potential topics include, but are not limited to, the following:

- Materials and structure design for flexible/wearable sensors;
- Novel fabrication methods for materials and devices of flexible sensors;
- Mechanisms, modeling, and simulation studies on flexible sensors;
- Applications of flexible and wearable sensors.

For more information, please visit: [mdpi.com/si/185808](https://mdpi.com/si/185808)

---

### Guest Editors

Dr. Yichun Ding

Dr. Tingting Zhao

Dr. Ziran Wang

---

### Deadline for manuscript submissions

20 December 2025



## Sensors

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.5**  
**CiteScore 8.2**  
**Indexed in PubMed**



[mdpi.com/si/185808](https://mdpi.com/si/185808)

*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)