

## Special Issue

# Intelligent Medical Sensors and Applications

### Message from the Guest Editors

Intelligent medical sensors are widely used in auxiliary medical equipment. The intelligent medical sensor is gradually replacing traditional medical diagnosis technology with the advantages of a small size, cost-effectiveness, rapidity, specificity, and sensitivity. With the development of advanced technologies such as nanomaterials, smartphones, and the Internet of Things, diagnosis technology based on medical sensors has broad prospects. In addition, different types of intelligent medical sensors, such as electrochemical sensors, optical sensors, piezoelectric sensors, and Internet of Things sensors, are also worth further research. In the future, how to derive more intelligent, accurate, and modal medical sensors will be of great interest to researchers, but this will be extremely challenging.

### Guest Editors

Prof. Dr. Dong Ming

Medical College, Tianjin University, Tianjin 300072, China

Dr. Shuang Li

Medical College, Tianjin University, Tianjin, China

### Deadline for manuscript submissions

closed (15 March 2025)



## Sensors

an Open Access Journal  
by MDPI

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/166018](https://mdpi.com/si/166018)

*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)