

## Special Issue

# Wearable Sensors and Devices for Healthcare Applications

### Message from the Guest Editors

With advances in signal processing, material science, electronic design, and computing power, numerous wearable sensors and devices have been developed over the past few decades. In healthcare, wearable technologies are witnessing increasing needs and interest. The volumes of data generated from wearable devices could be useful in identifying health risks. Potential applications of wearable sensors and devices are broad and have promising impacts on patient care. While traditional circuits and systems are the main focus of development, artificial intelligence and smart technologies continuously open up possibilities in this area. Intelligent solutions are essentially important in post-sensing data processing, information fusion, and decision making. This Special Issue aims to report the latest scholarly technological updates in wearable sensors and devices, and their applications in healthcare.

---

### Guest Editors

Dr. Wee Ser

School of Electrical and Electronic Engineering, Nanyang Technological University, 50 Nanyang Ave, Singapore 639798, Singapore

Dr. Nan Liu

Duke-NUS Medical School, National University of Singapore, Singapore 169857, Singapore

---

### Deadline for manuscript submissions

closed (15 June 2019)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/16743](https://mdpi.com/si/16743)

*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)