

## Special Issue

# Biomedical Signal Processing and Health Monitoring Based on Sensors

### Message from the Guest Editors

The healthcare industry is growing at a rapid pace with the development of IoT technology. The global epidemic of COVID-19, an aging population, and an increase of chronic diseases are accelerating the development of various IoT services related to health monitoring. The paradigm of global healthcare is shifting from diagnosis and treatment to prevention, prediction, and personalization. The need for health care that can prevent and manage diseases is increasing, and sensor based IoT technology for this is evaluated as a key technology for health monitoring. The goal of this Special Issue is to collect original contributions or critical reviews focusing on monitoring and predicting health conditions or diseases through biomedical signal processing based on sensors. The topics include, but are not limited to, biomedical signal processing algorithm, feature extraction and interpretation, sensor system, and artificial intelligence algorithms for health monitoring.

---

### Guest Editors

Dr. Sang Ho Choi

Prof. Dr. Heenam Yoon

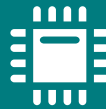
Prof. Dr. Hyun Jae Baek

Dr. Xi Long

---

### Deadline for manuscript submissions

closed (20 June 2024)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/137228](https://mdpi.com/si/137228)

*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

Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 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)