

Special Issue

Wearable Sensors for Continuous Health Monitoring and Analysis: 2nd Edition

Message from the Guest Editors

Improvements in wearable technology and the ability to embed sensors in wearable devices in recent years have had a significant impact on a wide range of fields, including healthcare, sports, entertainment, and fitness, among others. Indeed, wearable devices incorporate multiple sensing elements, such as accelerometers, gyroscopes, temperature sensors, microelectromechanical systems (MEMSs), and biosensors, which are designed to be energy-efficient, wireless, and noninvasive; they thus provide a more comprehensive view of a user's health and wellness. These sensors enable the monitoring of dynamic and noninvasive measurements, acquire biomedical and biomechanical signals, and provide continuous and real-time functional tracking information. They have the advantages of being small-sized, easy to install, lightweight, portable, highly efficient, and low-cost. The data collected by wearable sensors can be transmitted directly to a smartphone or any other device, which then forwards the data to a smart IoT system for their storage, analysis, and interpretation. This allows for a wide range of healthcare activities.

Guest Editors

Prof. Dr. Juan Antonio Holgado-Terriza

Dr. Pablo Pico-Valencia

Dr. Zilu Liang

Deadline for manuscript submissions

15 November 2026



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/263445

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)