

## Special Issue

# Smart Sensors for Medical Data Acquisition and Analysis

### Message from the Guest Editor

Nowadays, we have been able to verify the ease with which a disease can spread throughout the world causing great damage. The main way to stop the spread of these diseases is to have fast and cheap diagnostic mechanisms. This also applies to other diseases, which require fast and efficient diagnostic mechanisms. With the evolution of technology, it is common to find multiple devices and machines that help in obtaining information from patients: images and/or physiological data. However, the lack of professionals prevents these data from being evaluated and, in certain circumstances, diagnoses are significantly delayed. Therefore, it is important to design and implement deep learning systems that are capable of serving as diagnostic aid mechanisms, working with the information provided by all these capture sensors. This Special Issue will create a showcase to increase the visibility of works related to the analysis of medical information collected from all types of sensors: from medical imaging systems to wearable sensors attached to the patient.

### Guest Editor

Dr. Manuel Dominguez-Morales

Robotics and Computer Technology Lab, University of Seville, Seville, Spain

### Deadline for manuscript submissions

closed (31 August 2023)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/121114](https://mdpi.com/si/121114)

*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)