

## Special Issue

# Sensors for Gait, Posture and Health Monitoring

### Message from the Guest Editor

There is significant research on the use of sensors in the context of assisted life to monitor people's health, with the aim of improving their quality of life. The processing of video signals allows us to extract useful information relating to particular physiological characteristics, such as heart rate, pupil size, and their variation over time.

Additionally, sensors suitably positioned in home furnishings can provide additional information, such as respiratory rate, which is derived from information obtained from accelerometers positioned on the bed, which highlight the presence of night apneas. It is therefore evident that the context of subject monitoring is an extremely wide habit, which involves the use of extremely differentiated sensor technologies capable of monitoring many aspects of people's health. This Special Issue intends to collect the contributions of the most recent research activity in the context of monitoring pace; posture and more generally, people's health.

---

### Guest Editor

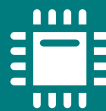
Prof. Dr. Ennio Gambi

Department of Information Engineering, Università Politecnica delle Marche, Via Brecce Bianche 12, 60131 Ancona, Italy

---

### Deadline for manuscript submissions

closed (31 July 2021)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed

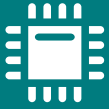


[mdpi.com/si/40434](https://mdpi.com/si/40434)

*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)