

## Special Issue

# Advancements in Wearable Sensors for Affective Computing

### Message from the Guest Editors

Affective computing, an interdisciplinary field dedicated to recognizing, interpreting, and simulating human emotions, has been significantly advanced by wearable sensor technologies. Modern wearables are now capable of the continuous monitoring of diverse behavioral and physiological signals including gestures, facial expression, EEG, ECG, PPG, GSR, and more, and are transforming how we understand emotional states in real-world daily settings. These developments have ushered in a new era of ubiquitous computing, where emotion-aware systems seamlessly integrate into daily life through ambient intelligence and context-aware architectures. The applications of wearable sensors for affective computing could have profound and far-reaching impacts in fields such as human-computer interaction, mental healthcare, education, and entertainment.

---

### Guest Editors

Dr. Dan Zhang

Department of Psychological and Cognitive Sciences, Tsinghua University, Beijing 100084, China

Prof. Dr. Zhao Lv

School of Computer Science and Technology, Anhui University, Hefei 230601, China

---

### Deadline for manuscript submissions

31 March 2027



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 9.4  
Indexed in PubMed



[mdpi.com/si/241928](https://mdpi.com/si/241928)

*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 9.4  
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)