

## Special Issue

# Advanced-Sensors-Based Emotion Sensing and Recognition

### Message from the Guest Editor

Recently, emotion sensing and recognition has become one of the most popular topics in AI research, and many approaches to emotion recognition using various sensors have been widely explored and researched.

Advanced sensors can include cameras, smart phones, depth sensors, biometric sensors, wearable sensors, EEG/ECG/EMG sensors and many more. This Special Issue aims to collect in-depth research papers focused on emotion sensing and recognition that explore various advanced sensors, data modalities, their fusion, and classification. Topics and keywords include but are not limited to:

- Emotion recognition technologies;
- Emotion sensing technologies;
- Sensors-based emotion recognition/sensing;
- Artificial intelligence for emotion recognition/sensing;
- Sensor fusion for emotion recognition/sensing;
- Affective computing;
- Sensory data processing;
- Human-computer interaction

### Guest Editor

Dr. Wataru Sato

Psychological Process Research Team, Guardian Robot Project, RIKEN, Kyoto 619-0288, Japan

### Deadline for manuscript submissions

closed (20 April 2024)



## Sensors

an Open Access Journal  
by MDPI

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/127179](https://mdpi.com/si/127179)

*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)