

Special Issue

Emotion Recognition and Cognitive Behavior Analysis Based on Sensors

Message from the Guest Editors

Emotion recognition is the process of identifying human emotion. People vary widely in their accuracy at recognizing the emotions of others. The use of technology to help people with emotion recognition is a relatively nascent research area. Past studies have found that emotion recognition training using cognitive behavioral analysis improved emotion recognition among individuals with mental disorders. Additionally, an intelligent method for human–computer interaction is also needed to bridge the gap of communication. This requires natural language processing, speech/vision processing, machine learning, as well as core reasoning technologies. All of these problems deal with a stream of data not only from individual sensors, such as image sensors, biomedical signal sensors, and wearable devices, but also from the fusion of various sensors.

Guest Editors

Prof. Dr. Valentina Franzoni

Dr. Claudio Ferrari

Dr. João Baptista Cardia Neto

Deadline for manuscript submissions

1 January 2026



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/179644

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

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)