

Special Issue

Artificial Intelligence and Multimodal Technology for Health Applications

Message from the Guest Editors

AI techniques are being effectively used in health applications. Modern health treatments are faced with the challenge of acquiring, analyzing, and applying the large amount of data. The contribution from different sources of information is often complementary and, hence, multimodal approaches are proposed. This Special Issue will provide a forum for the publication of articles that address broad challenges in both theoretical and application aspects of AI in health applications. The topics include, but are not limited to:

Monitoring and decision-making support
Inference models for prevention, early detection, diagnosis, treatment, and prognosis
Interpretability and trustworthiness of AI in health applications
Sensor technology health applications
Legal and ethical aspects of health technology
Medical image acquisition and processing
Novel AI techniques in medical data processing and analysis
AI in mental disorder detection
AI for COVID-19 pandemic
Virtual and augmented reality for health applications
For more details, please access the website:

https://www.mdpi.com/journal/sensors/special_issues/AIMTHA

Guest Editors

Dr. Alessandro Ortis

Department of Mathematics and Computer Science, University of Catania, 95125 Catania, Italy

Prof. Dr. Sebastiano Battiato

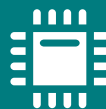
Department of Mathematics and Computer Science, University of Catania, Viale A. Doria, 6, 95125 Catania, Italy

Dr. Francesco Rundo

STMicronics ADG—Central R&D, 95121 Catania, Italy

Deadline for manuscript submissions

closed (30 June 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/si/75884](https://www.mdpi.com/si/75884)

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/sensors](https://www.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)