

Special Issue

Advanced Sensors for Image Processing and Analysis

Message from the Guest Editors

Advances in AI and IoT technologies are rapidly accelerating the evolution of image processing. These technologies are now integrated into many aspects of our daily lives. However, sensor data are often susceptible to noise and distortion, making it challenging to extract useful features for subsequent processing. To overcome these limitations, it is crucial to utilize new data processing techniques and multiple features effectively, as well as to conduct an in-depth analysis based on the results. This Special Issue invites submissions on advances in signal and image processing algorithms, techniques, and both theoretical and applied research for all types of sensors and sensing methods. We are particularly interested in research on image recognition applications that help us to understand our surroundings. In addition to experimental and theoretical research results, review articles are welcome. For detailed information, please visit [here](#).

Guest Editors

Dr. Yoichi Kageyama

Faculty of Informatics and Data Science, Akita University, 1-1 Tegata Gakuen-machi, Akita-shi 010-8502, Akita, Japan

Prof. Dr. Lifeng Zhang

Department of Electrical Engineering and Electronics, Faculty of Engineering, Kyushu Institute of Technology, Kitakyushu, Japan

Deadline for manuscript submissions

27 November 2026



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/255056

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)