

Special Issue

Sensor-Based Computational Intelligence and Security Technologies, and Their Applications

Message from the Guest Editors

Advanced sensors and sensing technologies have facilitated the fast development of abundant innovative applications, including industrial automation, security monitoring, consumer electronics, and so forth. Specifically, computational intelligence and security technologies are the fundamental components in the development of these advanced sensing technologies. Computational intelligence, with its robust set of tools, including machine learning, deep learning, and evolutionary algorithms, is emerging as a key enabler for developing intelligent sensor systems. Security technology, with its significant advancements through the integration of security defense and privacy-preserving deployment, has led to notable improvements in information protection. Currently, we are experiencing new innovative methodologies emerging from everywhere in the world, as well as an adaptability to unexpected conditions, which increases the usefulness of these advanced methodologies for an expanding array of real-world sensor applications.

Guest Editors

Prof. Dr. Yiu-ming Cheung

Prof. Dr. Yuping Wang

Prof. Dr. Xin Liu

Prof. Dr. Hai-Lin Liu

Deadline for manuscript submissions

30 November 2026



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/224465

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 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)