

Special Issue

Advances in Biometrics: Sensors, Algorithms, and Systems

Message from the Guest Editors

This Special Issue focuses on recent advances in biometrics, including new sensing technologies and biometric modalities, feature retrieval and recognition algorithms, multi-modality fusion, the security and privacy mechanisms, and novel applications of biometric systems in various scenarios such as IoT and bio-cryptosystems. We welcome studies on traditional biometrics based on 2D fingerprint, face, hand geometry, iris, voice, gait, signature, as well as emerging biometrics using 3D fingerprint, 3D face, brain signals, heart signals, and new physical, physiological, and behavioral characteristics. New sensing technologies and security mechanisms that expand and enhance biometric systems are also welcome. Topics of interest include, but are not limited to, the following methods:

- Sensing technologies for biometrics;
- Machine learning for biometrics;
- Biometric feature retrieval and recognition;
- Multi-modal fusion;
- Security mechanisms for biometric systems;
- Anti-spoof technologies in biometrics;
- Innovative applications of biometrics;
- Bio-cryptographic systems;
- Biometrics in IoT applications.

Guest Editors

Dr. Min Wang

Dr. Xuefei Yin

Dr. Yanming Zhu

Prof. Dr. Jiankun Hu

Deadline for manuscript submissions

closed (30 April 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/136571

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

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)