

Special Issue

Biomedical Signal and Image Processing with Artificial Intelligence

Message from the Guest Editor

This Special Issue of “Biomedical signal and Image Processing with Artificial Intelligence” focuses on applications of advanced techniques of AI for Biomedical Signal and Image processing.

Advancements in AI/ML/DL applications for biomedical signal and image processing has accelerated biomedical research, leading to acceptance of software as a medical device (SaMD) in the clinical setting. There are many AI products which have been approved by FDA and the investment into AI in Healthcare is booming.

Precision medicine needs multimodal (imaging and non-imaging) information fusion and data analytics where AI plays a key role. Additionally, biomedical data analytics play a crucial role in clinical diagnosis, treatment planning, management of the condition, differential diagnosis and prognosis. We invite articles to this Special Issue that cover all aspects of AI/ML/DL for:

- Biomedical signal and image acquisition;
- Feature extraction and characterization;
- Clinical decision support systems;
- Radiomics;
- New AI architectures;
- Quantum processing

Guest Editor

Dr. Bhanu Prakash Kn

A-Star, Singapore Bioimaging Consortium, Singapore City, Singapore

Deadline for manuscript submissions

closed (15 April 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/113749

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)