

Special Issue

Biosignal Sensing and Processing for Clinical Diagnosis

Message from the Guest Editors

Recently, the challenge of obtaining information useful for clinical diagnosis has been addressed by the development of decision support systems via machine or deep learning. It is important to consider all of these developments in the context of their implementation in clinically friendly systems that minimize patient discomfort, are simple to use, and provide information that is easily interpretable by physicians in near real time. The aim of the Special Issue “Biosignal Sensing and Processing for Clinical Diagnosis” is to collect a compendium of articles about new trends and advances in biosignal sensing and processing as well as their use in clinical decision support systems. We look forward to your participation in this Special Issue. Topics of interest include, but are not limited to, the following:

- New trends in biosignal sensing;
- Biosignal processing and analysis: electrocardiographic, myoelectric, electroencephalographic, photoplethysmographic, gastric, biochemical, or biomagnetic signals, among others;
- Applications of machine learning, deep learning, and artificial intelligence in using biosignals for clinical diagnosis.

Guest Editors

Dr. Gema Prats-Boluda

Dr. Javier Garcia-Casado

Dr. Yiyao Ye-Lin

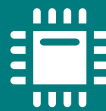
Dr. José Luis Martínez de Juan

Dr. Dongmei Hao

Dr. Yvonne Tran

Deadline for manuscript submissions

closed (31 May 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/68305

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)