

Special Issue

Advances in ECG/EEG Monitoring

Message from the Guest Editor

Both principal electrophysiological techniques have recently reemerged as hot areas of scientific research due to new fundamental knowledge in physiology and modeling, new paradigms for signal processing and interpretation, and new areas of application. Every day, new scientific articles announce innovative approaches to detecting as well as processing biosignals and demonstrate their usefulness in various fields of medicine and beyond. This Special Issue aims to collate the results and integrate the knowledge of research groups around the world engaged in recording methods and physical bases of biosignal transmission in living tissue, as well as signal processing/artificial intelligence specialists and inventors who are exploring new application areas such as driver assistance, lie detection, stress assessment, and much more. Original research papers and reviews describing advances in ECG- or EEG-related sensors or sensor networks, paradigms, algorithms, methods, models, and approaches are highly welcome.

Guest Editor

Prof. Dr. Piotr Augustyniak

Department of Biocybernetics and Biomedical Engineering, AGH University of Krakow, Al. Adama Mickiewicza 30, 30-059 Kraków, Poland

Deadline for manuscript submissions

closed (31 October 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/191864

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)