

Special Issue

ECG Monitoring System

Message from the Guest Editor

In recent years, emphasis has been placed on the miniaturization of ECG devices in order to cover a broader range of disorders, in a long-term setting. In addition to cardiovascular system diseases, ECG provides crucial treating information regarding diseases as diverse as Alzheimer, epilepsy, renal failure or obstructive sleep apnea. Continuous real-time monitoring of ECG is beneficial to patient follow-up. It can also provide important information on the performance of healthy individuals during monitoring of sporting activities. For these multiple purposes, a new range of portable (smartphones, watches, etc.) and wearable (belt, shirts, etc.) devices are currently being developed by an ever-growing number of research institutes and biotech companies. This Special Issue on “ECG Monitoring System” aims to provide an overview on the current developments of the ECG monitoring system. The topics of particular interest include (but are not limited to) novel ECG acquisition systems, algorithm development, visualization, medical applications, lifestyle products, etc.

- ECG
- portable/wearable monitoring system
- heart rate variability
- long-term assessment

Guest Editor

Dr. Florent Baty

Kantonsspital St Gallen, St Gallen, Switzerland

Deadline for manuscript submissions

closed (30 September 2020)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/32715

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

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 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)