

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

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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.

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