Special Issue

Integrated Circuit and System Design for Health Monitoring

Message from the Guest Editors

Advances in technology are leading to ever smaller devices accompanied by the democratization of nanotechnologies. Hence, nowadays most researchers across the globe have access to integrated circuits and systems. The healthcare area is especially benefited by these sorts of devices because they allow the embedding of medical equipment into daily life objects and clothing. Hence, people can have real-time access to health quality information, which facilitates preventive medicine, speeds intervention when needed, and reduces costs of medical infrastructure. In this special issue of MDPI Sensors, the goal is to provide readers with the latest original research and review papers on integrated circuits and systems aimed at monitoring and assessing health quality. Researchers investigating integrated designs in the following areas are urged to contribute.

- Biopotential recording
- Bioimpedance and bioelectricity
- Wearable devices
- Sensor networks and multi-modality sensing devices
- Frond-end circuits
- Rehabilitation tools
- Swallowable and implantable devices
- Prosthetics and biorobotics
- Haptics
- Biosensors

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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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