Artificial Intelligence and Wearable Sensors for Biosignal Measurement and Processing

Guest Editors:

Dr. Ming Huang
1. School of Data Science, Nagoya City University, Nagoya 467-8501, Japan
2. Division of Information Science, Nara Institute of Science and Technology, Ikoma 630-0192, Japan

Dr. Xin Zhu
Biomedical Information Engineering Lab, The University of Aizu, Aizu-Wakamatsu, Fukushima 965-8580, Japan

Deadline for manuscript submissions:
closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue, "Artificial Intelligence and Wearable Sensors for Biosignal Measurement and Processing", explores the latest research and developments in the fields of artificial intelligence (AI) and wearable sensors for biosignal measurement and processing. The use of wearable sensors and AI has gained increasing attention in recent years, as they offer a non-invasive and cost-effective approach to monitoring health and diagnosing various conditions. This Special Issue covers a range of topics, including the integration of AI with wearable devices for monitoring vital signs, the use of AI for improving the accuracy and reliability of biosignal measurements, and the potential of AI to revolutionize healthcare through personalized medicine and disease diagnosis. The papers in this Special Issue showcase the innovative and cutting-edge work being undertaken in the field of AI and wearable sensors, and demonstrate exciting possibilities for the future of healthcare, sports and wellness. Overall, this Special Issue aims to provide a comprehensive overview of the current state of research in this exciting and rapidly evolving field.

Dr. Ming Huang
Dr. Xin Zhu

mdpi.com/si/167831

Special Issue

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

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.

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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us