Special Issue

Research on Biomedical Signal Processing

Message from the Guest Editors

Today, new signal databases become available every year, with computing power and storage capacity that have reached incredible levels. We believe that the right conditions now exist to produce significant achievements in biomedical signal processing. This Special Issue therefore aims to collect the most interesting novel biomedical signal processing methods and applications in the healthcare and clinical field, i.e., diagnostics, personalized medicine, patient monitoring, and disease prevention and prediction. In this Special Issue we welcome both original research papers and review articles on diverse topics such as:

- biomedical signal (ECG, EEG, etc.) processing
- statistical signal processing
- artificial intelligence
- machine learning
- non-linear systems
- pattern recognition
- wearable sensors
- patient monitoring
- automatic diagnosis
- risk assessment
- disease prevention and prediction

Guest Editors

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Deadline for manuscript submissions

closed (20 February 2023)

Applied Sciences

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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