

Special Issue

Advances of Biomedical Signal Processing and Control

Message from the Guest Editors

Over the past forty years, technology has evolved impressively and led to unimaginable advances in computing power and memory capacity, with significant reductions in size and cost. Despite this technological progress, however, biomedical signal processing and control (theory, methods, and their applications) has only made small steps, while in other fields, such as speech recognition and synthesis, signal processing improvement has been remarkable with an extraordinary spread of applications. In particular, this Special Issue is concerned with signal processing, classification, and interpretation from the information of biomedical signals. Furthermore, it includes biometrics, disease diagnosis, distress analysis, emotion recognition, and various applications based on deep learning or computational intelligence, also including the following fields:

- Wearable sensing
- Implantable electronics
- Pervasive healthcare
- M-health
- Bedside monitoring
- Point-of-care

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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.

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