

Special Issue

Biomedical Signal Processing in Korea

Message from the Guest Editor

Biomedical signal processing has enabled a dynamic area of expertise in both academic and research aspects of biomedical engineering. The concepts of biomedical signal processing have been widely used to extract physiological information when implementing many clinical procedures for sophisticated medical practices and applications. Biomedical signals include electrocardiogram (ECG), electromyogram (EMG), electroencephalogram (EEG), photoplethysmogram (PPG), etc. Here, our focus is on various real-world applications and their development for biomedical signal processing in Korea. 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.

Guest Editor

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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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