

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

Dr. Keun-Chang Kwak

Department of Electronics Engineering, Chosun University, Gwangju 61452, Republic of Korea

Deadline for manuscript submissions

closed (31 December 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/82591

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

mdpi.com/journal/

appls.c





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)