

Special Issue

Advances in Electrocardiogram (ECG) Signal Processing and Its Applications

Message from the Guest Editor

This Special Issue is concerned with Electrocardiogram (ECG) signal processing and its applications.

Furthermore, it includes preprocessing, feature extraction, disease diagnosis, biometrics, and various real-world applications based on deep learning and computational intelligence. Keywords:

- ECG preprocessing
- ECG feature extraction
- ECG disease diagnosis
- ECC biometrics
- ECG applications using deep learning
- biosignal applications using computational intelligence

Guest Editor

Dr. Keun-Chang Kwak

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

Deadline for manuscript submissions

30 August 2025



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/198399

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

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





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



[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, CAPIus / SciFinder, and other databases.

Journal Rank:

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