Special Issue

Pattern Recognition in Biomedical Informatics

Message from the Guest Editor

One research area where new machine-learning techniques are making a huge impact is biomedicine. In this Special Issue, we are looking for contributions in any biomedical area in this direction. We are interested in how machine-learning algorithms, from traditional pattern recognition approaches to modern deeplearning ones, can be useful in any biomedical problem. In being useful, we do not just mean the typical approaches to label some biomedical data, e.g., to classify a recording as healthy or not, but also other, more innovative contributions such as to generate synthetic data. In the same way, the Special Issue is open to traditional signals such as ECG, EEG, MRI, DNA, and so on, as well as new healthcare-system applications.

Guest Editor

Dr. Jorge Igual

Instituto de Telecomunicaciones y Aplicaciones Multimedia (ITEAM), Departamento de Comunicaciones, Universitat Politècnica de València, València, Spain

Deadline for manuscript submissions

closed (31 August 2023)



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/131708

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

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



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 multidimensional 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, CAPlus / SciFinder, and other databases.

Journal Rank:

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

