

Special Issue

Novel Insights into Medical Images Processing

Message from the Guest Editors

This Special Issue aims to compile new contributions to medical image processing from acquisition to analysis and interpretation. Contributions from other areas and multidisciplinary research are welcome. We warmly encourage you to contribute to this collection in *Applied Sciences*. Areas of focus include, but are not limited to, image processing and analysis; medical image devices; image classification and segmentation; machine learning and deep learning for medical images; optical and photonics biosensing; development of CADe and CADx tools; medical measurements and instrumentation; biomedical image analysis; virtual reality in medicine; IoT in medicine; biosignal processing; and embedded systems.

Guest Editors

Dr. Irazú Hernández Farías

Coordination of Computational Sciences of the INAOE (National Institute of Astrophysics, Optics and Electronics), Puebla 72840, Mexico

Dr. Hayde Peregrina-Barreto

Coordination of Computational Sciences of the INAOE (National Institute of Astrophysics, Optics and Electronics), Puebla 72840, Mexico

Deadline for manuscript submissions

closed (20 December 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/224650

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

mdpi.com/journal/

[applsci](https://doi.org/10.3390/applsci)





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)