

Special Issue

Deep Learning in Health and Medicine

Message from the Guest Editors

We hope that this Special Issue will become an opportunity to predict future work by examining the past and present of deep learning in health and medicine. First, we would like to examine innovative research cases that deep learning has brought about in health and medicine: imaging analytics and diagnostics, natural language processing, drug discovery and precision medicine, clinical decision support, predictive analytics, etc. Then, we would like to understand how different deep learning technologies can solve complicated research issues compared to conventional methods. Finally, through our research we hope to better understand a newly emerging research topic in health and medicine. Keywords

- big data
- capillaries
- deep learning
- early detection
- health promotion
- healthcare
- human pose
- machine learning
- medicine
- microscopy
- non-invasive method
- VR/AR/MR

Guest Editors

Prof. Dr. Yuko Ohno

Prof. Dr. Hieyong Jeong

Dr. Myoungjae Jun

Deadline for manuscript submissions

closed (20 July 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/100251

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

mdpi.com/journal/appls





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, CAPlus / SciFinder, and other databases.

Journal Rank:

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