

## Special Issue

# Deep Learning for Healthcare Data Analysis

### Message from the Guest Editors

The object of this Special Issue is to report high-quality research on recent advancements in deep learning for healthcare data analysis. Priority will be given to studies that focus on analyzing a variety of medical imaging and sensor data and developing deep-learning-based fusion techniques such as multimodal data fusion, feature fusion, and so on. Researchers are encouraged to report their original previously unpublished work in the following topics. Potential topics appropriate for this Special Issue include (but are not restricted to):

- Deep-learning-based healthcare data analysis;
- Deep learning models for multimodal healthcare data fusion;
- Feature fusion for smart healthcare systems;
- Advanced methodologies for effective diagnosis of infectious disease;
- Deep-learning-based health monitoring systems to monitor and track casualties of various health disorders;
- Healthcare sensor data fusion for smart healthcare monitoring;
- Deep-learning-based medical image classification and segmentation;
- Advanced machine learning for various disease predictions.

---

### Guest Editors

Prof. Dr. Nargis Khan

School of ICT, Seneca College of Applied Arts and Technology, Toronto, ON, Canada

Prof. Dr. Lutful Karim

School of ICT, Seneca College of Applied Arts and Technology, Toronto, ON, Canada

---

### Deadline for manuscript submissions

closed (31 October 2021)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/66966](https://mdpi.com/si/66966)

*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



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



## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

---

### Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di  
Torino, 10129 Torino, Italy

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /  
SciFinder, Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /  
CiteScore - Q1 (Electrical and Electronic Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 16.8 days after  
submission; acceptance to publication is undertaken in 2.4  
days (median values for papers published in this journal in  
the first half of 2025).