

## Special Issue

# Application of Machine Learning in Big Data

### Message from the Guest Editors

Currently, scalable machine learning architectures can provide faster fault detection to provide the services without interruption. However, there are several challenges of big data to be addressed, such as handling the continuous data growth problems, misperception with big data tool selection, securing data, integrating the data from several different sources, multi-dimensional and multi-variety data issues, etc. These issues can be addressed with properties of machine learning using deep learning, convolutional neural networks, supervised learning, unsupervised learning, reinforcement learning, etc. Thus, the main goal of this Special Issue is to invite high-quality submissions that should consist of original and novel research on the data-driven algorithms for big data, machine intelligence for big data, machine learning classifiers on big data for healthcare fast response, quantum-enhanced machine learning for IoT, drug discovery and toxicology in big data. Additionally, attention will be paid to several big data industry-driven machine learning algorithms.

### Guest Editors

Prof. Dr. Abdul Razaque

Dr. Mohamed Baza

Dr. Fathi Amsaad

Dr. Bandar Alotaibi

Dr. Munif Alotaibi

Dr. Syed Rizvi

et al.

### Deadline for manuscript submissions

closed (31 August 2023)



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/139799](https://mdpi.com/si/139799)

*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 guestedited 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).