

Special Issue

Green Artificial Intelligence: Theory and Applications

Message from the Guest Editors

The environmental impact of artificial intelligence (AI) has been a hot topic as of late. This Special Issue aims to publish original research of the highest scientific quality on the theory and application of green AI. The scope includes theoretical and experimental studies that contribute to novel developments in fundamental research and its applications. Potential topics for submissions include, but are not limited to, the following:

- Green sustainable technologies;
- Fuzzy systems for modelling and simulation;
- Control and optimization;
- Information processing;
- Theories and applications;
- Artificial intelligence;
- Machine learning;
- Machine reasoning;
- Complex systems;
- Smart power management and green technology;
- Optimization in machine learning and applications;
- Responsible and ethical AI;
- Green energy efficient software

We look forward to receiving your contributions.

Guest Editors

Dr. Alexander Gegov

Dr. Femi Isiaq

Dr. Raheleh Jafari

Dr. Kalin Penev

Deadline for manuscript submissions

closed (15 October 2024)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/165805

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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).