

Special Issue

Artificial Intelligence Solutions and Applications for COVID-19 Pandemic

Message from the Guest Editors

For this Special Issue, we invite you to submit high-quality research on emerging solutions and/or applications based on AI techniques, such as machine learning, that address the recent challenges caused by COVID-19. Topics of interest include but are not limited to the following:

- Application of artificial intelligence for COVID-19;
- Application of machine learning algorithms for COVID-19;
- Condition monitoring, prognosis, and diagnosis of COVID-19 patients using AI techniques;
- Internet of Things (IoT) devices with application in intelligent systems for COVID-19;
- AI applications in image processing to detect abnormalities (e.g., pulmonary) using X-rays to provide diagnoses of potential COVID-19 cases;
- AI-enabled robots to minimize human-to-human contact;
- AI applications for contact tracing;
- Management solutions for large volumes of data (big data); and
- Pandemic data management and visualization systems.

Guest Editors

Dr. Inés Sittón
Dr. Sara Rodriguez
Dr. Lilia Muñoz

Deadline for manuscript submissions

closed (31 October 2022)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/76389

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 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).