

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

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Dr. Sara Rodriguez

Dr. Lilia Muñoz

Deadline for manuscript submissions

closed (31 October 2022)



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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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).