Special Issue

Big Data Analytics and Artificial Intelligence in Electronics

Message from the Guest Editors

This Special Issue will concentrate on the most recent advancements in the application of **big data analytics and artificial intelligence in electronics**. Potential topics of interest include, but are not limited to, the following:

- Big data analytics and big data applications
- Big data artificial intelligence (AI)
- Big data systems
- Deep learning and big data analytics in medical imaging informatics
- Intelligent IoT and IIoT
- Healthcare and medical images security
- Big data in healthcare, medicine big data analytics
- Big data techniques and its applications
- BPNN-based particle swarm optimization in data analysis for transportation big data
- IoT, medical imaging AI systems, and smart wearable body sensors
- Deep learning for healthcare
- Convolutional neural networks (CNN), artificial neural networks (ANN), natural language processing (NLP)
- Deep learning for image/video-based object detection
- Deep learning algorithm/architectures/theory
- Deep learning-based object detection for real-world applications
- Deep learning for secure fingerprint techniques
- Machine learning techniques for propagation modeling and wireless communications

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Deadline for manuscript submissions

closed (15 July 2023)

Electronics

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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 2.4 days (median values for papers published in this journal in the first half of 2025).