

Special Issue

Emerging Technologies in Computational Intelligence

Message from the Guest Editors

Computational intelligence is a branch of artificial intelligence that deals with creating algorithms and systems that can learn from data and make decisions based on what they have learned. Researchers are invited to submit high-quality research papers and surveys for this Special Issue on any topic related to computational intelligence. Papers that highlight the effectiveness and significance of computational intelligence applications are particularly encouraged. Topics of interest include, but are not limited to, the following:

- Machine learning for object detection, segmentation and categorization;
- Multi-task/many-task/transfer/large-scale evolutionary optimization;
- Deep learning, graph neural networks, diffusion model;
- Underwater/remote sensing/infrared target detection, identification and tracking;
- Infrared/radar scene simulation and intelligent learning algorithm;
- Applications in computational intelligence.

Guest Editors

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Dr. Bingqi Yu

Deadline for manuscript submissions

closed (15 June 2025)



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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).