Emerging Technologies in Computational Intelligence

Guest Editors:

Dr. Hao Li

Prof. Dr. Mingyang Zhang

Dr. Shiguo Chen

Dr. Bingqi Yu

Deadline for manuscript submissions:
15 December 2024

Message from the Guest Editors

Dear Colleagues,

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:

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

Special Issue

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, and other databases.
Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us