Special Issue

Advances in Intelligent Data Processing and Modeling

Message from the Guest Editors

In the era of generative AI and large models, data has become a crucial element, especially during the modeling phase. The ability to process and analyze large-scale datasets is instrumental in developing highly effective and robust models. Topics of interest include, but are not limited to, the following:

- Data preprocessing: data imbalance, missing data, and data augmentation;
- Data modeling;
- Computer vision and image processing;
- Natural language processing and understanding;
- Recommender systems;
- Information retrieval and ranking systems;
- Large language models;
- Generative AI;
- Graph neural networks;
- Medical AI and clinical decision-making;
- Trustworthy AI: security and privacy;
- Large online platforms;
- Real-world ML applications;
- Machine learning systems.

Guest Editors

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Deadline for manuscript submissions

closed (15 December 2024)

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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 guestedited 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).