Special Issue

Machine Learning and Computer Vision for Image Processing and Recognition

Message from the Guest Editors

Suggested themes for contributions to focus on include, but are not limited to, the following:

- Deep Learning Architectures for Image Analysis: Novel neural network designs for improved image classification, segmentation, and recognition.
- Real-Time Image Processing: Techniques for efficient and scalable image processing in dynamic environments.
- Multimodal Fusion: Integration of computer vision with other data modalities (e.g., text, audio) to enhance recognition performance.
- Medical Imaging: Applications of computer vision in diagnostics, treatment planning, and healthcare monitoring.
- Robust Object Detection and Tracking: Advanced algorithms for accurate detection, tracking, and identification in complex scenes.
- Explainable AI in Vision: Methods to enhance the transparency and interpretability of computer vision models.

We look forward to receiving your contributions.

Guest Editors

Dr. Wei Li

Dr. Xiaoming Li

Prof. Dr. Zongsheng Yue

Deadline for manuscript submissions

31 December 2025

Electronics

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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