

Special Issue

Recent Advances in Object Detection and Computer Vision

Message from the Guest Editors

This Special Issue aims to provide a platform for researchers to present and disseminate their latest breakthroughs in object detection and advanced computer vision. We invite high-quality, original research and review articles that address both theoretical innovations and practical challenges in creating the next generation of visual perception systems.

Topics of interest include, but are not limited to, the following:

- Multimodal Object Detection
- Long-tail Distribution Learning
- 3D Scene Reconstruction
- Image Enhancement and Restoration
- Object Detection in the Wild
- Industrial Defect Detection
- CV-Enhanced Knowledge Graph Construction
- Cross-Domain Generalization
- Benchmarking and Datasets
- Vision-Language Model Fine-tuning

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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.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).