

Special Issue

Machine Learning Techniques for Image Processing

Message from the Guest Editors

Today, machine learning and image processing are applied in every field of science and technology. Various machine learning techniques, such as convolutional neural networks, which are widely used in image processing and perform outstandingly in tasks such as image classification, object detection, and semantic segmentation, find wide-ranging applications in industry, health, agriculture, finance, and social sciences. Studies related to industrial, biomedical data applications, autonomous vehicle and drone technologies, agriculture and cartography, computational sciences, finance, marketing and advertising are within the scope of this Special Issue, which hopes to be a platform to explore all machine learning-based applications. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Medical science;
- Biomedical science;
- Statistics and mathematics;
- Engineering/industrial systems;
- Computer and computational sciences;
- Electric, electronic, and mechatronic systems;
- Autonomous vehicles;
- Aviation and drone technologies;

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (15 May 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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