Special Issue

Artificial Intelligence (AI) for Image Processing

Message from the Guest Editor

The main aim of this Special Issue is to capture recent contributions of high-quality papers focusing on advanced image processing and analysis applications, including medical images, remote sensing images, galaxy images, and others. We are pleased to invite our colleagues to contribute original research papers as well as review papers that focus on the applications of artificial intelligence methods, including traditional machine learning methods, advanced deep learning approaches, metaheuristic optimization algorithms, and other AI-based methods for solving image processing problems. The topics of this Special Issue include (but are not limited to) the following:

- Image classification and recognition
- Machine learning for image processing
- Metaheuristic optimization algorithms for image processing
- Remote sensing image classification
- Medical image classification
- Neural computing for image processing
- Evolutionary algorithms for image processing

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2023)

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 guest-edited 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 16.8 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).

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