Special Issue

Deep Learning for Medical Images: Challenges and Solutions

Message from the Guest Editor

This Special Issue calls for papers presenting novel works about medical image/video processing using DL and AI. Furthermore, high-quality review and survey papers are welcomed. The papers considered for possible publication may focus on, but not necessarily be limited to, the following areas:

- Deep learning and artificial intelligence for medical image/video;
- Image segmentation, registration, and fusion;
- Image processing and analysis;
- Image formation/reconstruction and image quality assessment;
- Medical image analysis;
- Computer aided diagnosis;
- Machine learning of big data in imaging;
- Integration of imaging with non-imaging biomarkers;
- Visualization in medical imaging.

Welcome to contribute.

Guest Editor

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Deadline for manuscript submissions

closed (1 June 2022)

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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).