

Special Issue

Deep Learning and Big Data Applications in Medical Image Analysis

Message from the Guest Editors

This Special Issue, "Deep Learning and Big Data Applications in Medical Image Analysis", focuses on challenges concerning AI applications in medical and clinical settings. Topics of interest include, but are not limited to:

- Computer-aided detection, diagnosis and early disease prediction;
- Medical imaging, multimodality medical imaging and radiomics;
- A structured image reporting system based on artificial intelligence;
- Three-dimensional reconstruction of medical images;
- Wearable medical devices;
- Medical robot;
- Surgical navigation;
- The ethics of medical artificial intelligence;
- The latest technological development of artificial intelligence and its application in medical imaging and medical clinic;
- Medical image registration;
- Image interpretation;
- Medical image information fusion;
- Data analysis and synthesis.

Guest Editors

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Dr. Jiangli Lin

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Deadline for manuscript submissions

closed (30 April 2023)



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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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