

Special Issue

Deep Learning for Image Analysis and Image Processing

Message from the Guest Editor

This Special Issue seeks the latest fundamental advances in addressing the challenges of medical Artificial Intelligence. Specifically, this issue will explore the challenges faced by practical applications and propose feasible solutions through advanced deep learning and big data technologies. Both application and methodological research studies are welcome. The current leading topics include but are not limited to:

- AI-based clinical decision making;
- Biomedical information processing;
- Computational intelligence in bio- and clinical medicine;
- Computer-aided diagnosis model;
- Data analytics and mining for biomedical decision support;
- Data science theory, methodologies, and techniques;
- Healthcare application and big data analysis;
- Intelligent and process-aware information systems in healthcare and medicine;
- Intelligent detection systems;
- Intelligent devices and instruments;
- Machine learning theory, methodology, and algorithms;
- Medical knowledge engineering;
- Natural language processing in medicine;
- New computational platforms and models for biomedicine;
- Sensor fusion of biomedical data.

Guest Editor

Prof. Dr. Wei Qian

1. College of Medicine and Biological Information Engineering, Northeastern University, Shenyang 110169, China
2. Department of Electrical and Computer Engineering, University of Texas, El Paso, TX 79968, USA

Deadline for manuscript submissions

closed (15 November 2023)



Electronics

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Impact Factor 2.6
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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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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

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

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