

Special Issue

Electronics Application in Medicine & Health Care

Message from the Guest Editors

The rapid development of electronics applications in daily life has led to increasing demand for more powerful and sophisticated devices in hospitals, public health facilities, and even in home environments. The design of medical devices necessarily requires the expertise of both engineering and medical experts. This Special Issue will provide a platform for transdisciplinary researchers to work together and to present state-of-the-art developments of electronics in medicine and healthcare. The topics of interest include but are not limited to the following:

- Bioelectronics
- Biophotonics
- Medical imaging technology, bio-imaging
- Surgical technology
- Monitoring devices
- Respiration technology
- Drug delivery systems
- Artificial organs and biomaterials
- Tissue engineering, bio-inspired materials, and molecular and cellular methods
- Devices and instruments for rehabilitation
- Telemedicine, e-health, and mobile health
- Ambient-assisted living
- Smart sensors for digital health
- Artificial intelligence for Digital Health

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2022)



Electronics

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Impact Factor 2.6
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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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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).