

Special Issue

Smart Bioelectronics, Wearable Systems and E-Health

Message from the Guest Editor

This Special Issue focuses on intelligent bioelectronics, wearable systems, and e-health, aiming to highlight the integration of smart materials, embedded electronics, and digital health technologies for next-generation healthcare. As medicine moves toward more personalized, continuous, and preventive care models, the development of wearable and biointegrated systems becomes increasingly vital. These technologies enable the real-time monitoring of physiological signals, early detection of disease, and remote health management. The scope includes a wide range of interdisciplinary innovations—from flexible, biocompatible materials and implantable sensors to low-power electronics, signal processing algorithms, and AI-driven health analytics. Contributions may also address the design of secure, user-friendly e-health platforms, as well as the ethical and practical challenges of deploying such systems at scale. The purpose of this Special Issue is to present cutting-edge research that bridges materials science, biomedical engineering, and health informatics.

Guest Editor

Dr. Yantao Xing

Intelligent Systems Engineering, Indiana University Bloomington,
Bloomington, IN 47408, USA

Deadline for manuscript submissions

15 January 2026



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/239362

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

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

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).