

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

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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.

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