

Special Issue

Emerging Biomedical Electronics

Message from the Guest Editors

An emerging area in biomedical electronics focuses on wide-range parameter tuning, essential for performance optimization. At the same time, biomedical electronics must ensure high processing capacity, speed, accuracy, and immunity to noise and disturbances. In this regard, integrated biomedical solutions employ advanced digital processing and artificial intelligence for data acquisition, interpretation, and classification, further enhancing decision support systems. This Special Issue addresses major advancements in biomedical electronics, targeting innovative solutions for low-voltage and low-power circuits, analog front-end development for biomedical signal acquisition, smart sensor interfaces, biomedical signal processing, and AI-driven decision support in healthcare.

Guest Editors

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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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