Special Issue

Recent Advanced Applications of Bio-Integrated Electronics and Sensors

Message from the Guest Editors

The past decade has brought a significant increase in the capabilities of miniaturized, low power sensing technologies' integration with the human body. Advancements in the power efficiency and computing architectures of small system-on-chip integrated circuits, miniaturization of sensing components, efficiency improvements in wireless communication hardware and protocols, and mechanical and material innovations towards electronics integration with the human body have combined to bring new opportunities for bio-integrated sensing systems. The aim of this Special Issue is to highlight cutting-edge technology advancements and applications of the next generation of bio-integrated sensing. Example topics of interest include but are not limited to:

- Wearable sensing;
- Flexible and/or stretchable electronics integration with soft tissues;
- Wireless power and data transmission from wearable sensors;
- Techniques for fabrication of flexible and/or stretchable electronics, including high throughput techniques;
- Techniques for integrating rigid electronic components in flexible and/or stretchable systems;
- Techniques for wearable microfluidic systems.

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Electronics

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Impact Factor 2.6
CiteScore 6.1

mdpi.com/si/87612

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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.

Editor-in-Chief

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