Special Issue

Advanced Flexible Electronics and Wearable Biosensing Systems

Message from the Guest Editor

Advanced flexible electronics and wearable biosensing technologies have attracted considerable attention and undergone profound innovations, poised to provide a solid foundation for full lifecycle health management and data-driven intervention therapy. These technologies leverage interdisciplinary strategies from materials science, mechanical engineering, biomedical engineering, and micro/nano fabrication, featuring properties. Further integrating wireless communications and cloud storage technologies to build a long-term health database for individuals could provide doctors with more accurate diagnosis and personalized treatment options. This special issue solicits high-quality contributions that focus on researching mechanisms, material design, micro/nano fabrication, system integration, and intelligent biosensing applications. In particular, we encourage original and high-quality submissions related (but not limited) to one or more of the following topics:

- Flexible Electronics
- Wearable Electronics
- Stretchable Electronics
- Bioelectronics
- Skin Electronics
- Intelligent Biosensing
- Multimodal Biosensing
- Biomedical Engineering

Guest Editor

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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