Special Issue

Wearable Bioelectronics: Technology, Challenges and Applications

Message from the Guest Editor

Wearable bioelectronics is the study of integrating form-factor technologies in electronics with biomedical applications. Wearable bioelectronics technologies include flexible electronics, stretchable electronics, fabric-based electronics, and transparent electronics, etc. By using these various form-factor technologies, it can be extended to attachable/implantable biomedical applications, as well as wearable health care monitoring sensors, wearable electroceuticals, and optogenetics that could not be solved with conventional bioelectronics technology.

- Two-dimensional and Organic Materials for Flexible & Stretchable Electronics;
- Flexible and WearableBio Sensor (Pulse Oximeter, etc.);
- Attachable/Implatnable Bioelectronic Devices (Optogenetics, etc.);
- Flexible and Stretchable Optoelectronic Devices (OLED, QLED, etc.);
- Element technology for flexible, stretchable, and transparent (electrode, encapsulation, etc.).

Guest Editor

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Deadline for manuscript submissions

closed (30 May 2023)

Micromachines

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Impact Factor 3.0
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