Special Issue

Wearable Bioelectronic Devices Based on Stretchable Textile

Message from the Guest Editors

Textiles, as one of the most commonly used wearable platforms, have enormous potential for the development of wearable bioelectronics. Recent advances in stretchable textile-based materials have facilitated the development of wearable bioelectronic devices with improved comfort and flexibility. Such devices are capable of monitoring various physiochemical health indicators, providing healthcare professionals with realtime data, and assisting patients in better managing their conditions. As research in this area continues to develop, new and innovative wearable bioelectronic devices that are both highly functional and comfortable to wear are likely to emerge. Stretchable textile-based wearable bioelectronic devices have the potential to revolutionize biomedical sensing and wearable electronics. This will allow for improvements in healthcare outcomes, athletic performance, big data, and even fashion. In this regard, we welcome submissions in the exciting area of stretchable textiles for wearable bioelectronic devices, and we eagerly anticipate new insights to be gained from the new research.

Guest Editors

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Deadline for manuscript submissions

closed (20 November 2023)



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