Special Issue

Deformable Bioelectronics Based on Functional Micro/nanomaterials

Message from the Guest Editor

Deformable bioelectronics based on functional micro/nanomaterials, the topic of this Special Issue, have attracted huge attention owing to their tremendous potential in wearable and implantable applications. Specifically, high-performance functional micro/nanomaterials are able to allow the deformable electronics to be more feasible in next-generation healthcare and medicine due to their exceptional biocompatibility, flexibility, and even bioresorbability while maintaining high electrical performances. Therefore, the multifunctional deformable electronics integrated with such superior micro/nanomaterials have been expected to be comparable to conventional material-driven devices in the near future. In this Special Issue, we will cover various methodologies related to flexible/stretchable and bioresorbable micro/nanomaterial-based wearable and implantable bioelectronics. We invite researchers who are working on deformable materials and devices, ranging from biocompatible functional material synthesis and its device fabrication to process and system integration, to submit their high-quality manuscript for publication in this Special Issue.

Guest Editor

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