Special Issue

Recent Progress in Wearable Biosensors: Materials, Functions and Applications

Message from the Guest Editors

Wearable biosensors are currently developed with the aim of on-body personalized health monitoring. Thus, tailoring the mechanical properties of the device, sensor design, and signal processing of wearable sensing, as well as tailoring the corresponding designs to match the application site, draw low power, and achieve physiologically relevant sensitivity, has raised high interest from relevant researchers all over the world. These advanced wearable biosensing technologies have promising potential in various healthcare applications, ranging from early disease diagnoses and patient monitoring to actual diagnoses and treatments. In this Special Issue, we strive to highlight the development of wearable biosensing technologies across the areas of sensor design, flexible circuitry, and implantable devices. Related research articles, communications, perspective studies, and reviews are all welcome.

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Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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