

Devices and Wearable Devices toward Innovative Applications

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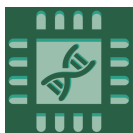
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Message from the Guest Editor

Biosensors have the characteristics of portability, low cost, and power consumption with a high analytical performance in terms of sensibility, low limits of detection and selectivity for several analytes. Biosensing tools for on-site chemical analysis of hazardous materials and biomarkers are important for rapid decision-making process in the field. For this purpose, the wearable devices can be exploited for monitoring of biomarkers in humans and plants indicating health conditions. This Special Issue is dedicated to the advanced nanotechnologies applied in the field of biosensing, including new concepts and designs for analytical devices, wearable devices, detection systems, sensors fabrication, big data, internet-of-things, personalized sensors, and biosensors focused upon clinical, food, environmental, agriculture, quality control, security, biomedical, personalized medicine, and therapeutic drug monitoring applications.





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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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