

Special Issue

Smartphone-Based Sensing and Monitoring

Message from the Guest Editors

In this age of increasing demand and testing costs, Point of Care (PoC) biosensing is the only sustainable solution to the healthcare, environmental monitoring, and food chain sectors' needs. Smartphones offer a computational powered connected platform with user-friendly interfaces and standardized protocols to manage inputs/outputs and data communication. We target relevant contributions related to smartphone-based sensing and biosensing systems, with interest at all the different levels: from the physical platforms of the sensing materials and devices, to the clinical validation of the biosensors and their use, up to the big data analysis and data security aspects.

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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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