

Special Issue

Multiplex and Multiparametric Sensing Devices

Message from the Guest Editor

Multiplex and multiparametric sensing devices are the new generation of bio-analytical tool, particularly in the field of health-care, diagnosis and security. Achievement of new multiplexing concepts, advancement of controlled surface chemistries and detection technologies, as well as the identification of newly discovered biomarkers have led the advancement of devices capable of detecting multiple targets at once. This special issue invites contributions particularly relating to application-oriented multiplex and multiparametric sensing devices using innovative development techniques. Examples of application areas include, but are not limited to, cancer markers multi-detection, multiplex genotyping, beads based assays, multiplexed immunoassays and cell analysis multiplex systems.

Guest Editor

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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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