Special Issue

Advances in Inorganic Functional Nanomaterials-Based Flexible Electrochemical Biosensors

Message from the Guest Editors

At present, the main inorganic nanomaterials used for the construction of flexible electrochemical devices include carbon, metal and hybrid nanomaterials. The fabrication method of the nanomaterial-based flexible electrochemical sensors includes inkjet printing, wet/dry spinning, laser printing, e-beam evaporation, etc. Flexible electrochemical sensor applications in wearable fields for the real-time monitoring of human health mainly include physiological signal monitoring, the detection of disease-related biomolecules from sweat, saliva, tears and urine, monitoring the release of biomolecules from mechanically stretched cells or organisms, etc. Therefore, this Special Issue “Advances in Inorganic Functional Nanomaterial-Based Flexible Electrochemical Biosensors” focuses on recent advances in the fabrication of inorganic functional nanomaterial-based flexible electrochemical sensors, as well as their applications in wearable fields and living cell electrochemical signal monitoring. We invite the submission of research works that could help to advance the field of inorganic functional nanomaterial-based flexible electrochemical sensors.

Guest Editors

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Deadline for manuscript submissions

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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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