

Special Issue

Noninvasive Sensors for Biomedical Application

Message from the Guest Editors

Noninvasive sensors mostly utilize samples of human breath, sweat, tears, saliva, and other body fluids. Through noninvasive and continuous screening of biochemical markers in the human body, disease prognosis, diagnosis, management, and health supervision can be realized. Many have been put into daily use, including blood glucose detection, electroencephalogram sensing, and so on. Current research focuses range from common metabolites or electrolytes to more challenging biomarkers, including those found in sweat, for applications such as the detection of alcohol or low concentrations of uric acid and tyrosine. This Special Issue will explore noninvasive sensors' biomedical applications. Papers may address a wide range of noninvasive sensor applications, including, but not limited, recent developments in the following fields: electrochemical noninvasive sensors, optical noninvasive sensors, microfluidic chip noninvasive sensors, and noninvasive biosensors, and their applications in medical diagnosis, health monitoring, and so on.

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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