

Special Issue

Advanced Sensing Technology in Blood Glucose Monitoring

Message from the Guest Editor

Diabetes continues to be an increasing health burden and it will increase significantly in the following decades, particularly in low- and middle-income countries. Recent study indicated that undiagnosed diabetes is particularly sensitive to the performance of glycemic control and blood glucose diagnosis accuracy. Therefore, there is a critical need for more effort to achieve efficient diagnostics for blood glucose monitoring. This special issue aims to bring together the latest advances in research and development of measurement methods and sensors in blood glucose monitoring. This Special Issue will cover, but is not limited to, the following areas: Optical glucose sensors; Electrochemical glucose sensors; Fiber glucose sensors; Wearable glucose sensors; Invasive/non-invasive glucose monitoring; Continuous glucose monitoring; Point-of-care glucose monitoring; Lab-on-chip glucose sensor; Nanostructure glucose sensor;

- invasive glucose monitoring
- non-invasive glucose monitoring
- optical glucose sensors
- electro chemical glucose sensors
- nanostructure glucose sensor

Guest Editor

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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.

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