

Special Issue

Recent Advances in Continuous Glucose Monitoring Sensors

Message from the Guest Editors

In the last 20 years, we have experienced a revolution of glucose monitoring with the introduction of continuous glucose monitoring (CGM) sensors that can measure interstitial glucose concentration almost continuously for several days or weeks. CGM sensors can really be a game changer in the therapy of diabetes (especially type 1 diabetes), because the rich information they provide can be used to improve both patient and clinician decision-making with positive effects on glycemic control. In this Special Issue, we seek original papers and review papers on the recent advances in CGM sensors, including:

- New CGM technologies (e.g., new sensing technologies);
- New algorithms for improving the analytical performance of CGM sensors (e.g., calibration and filtering algorithms);
- New algorithms to enhance the output of CGM devices (e.g., new algorithms for trend estimation and alert generation).

Guest Editors

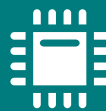
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Deadline for manuscript submissions

closed (20 April 2023)



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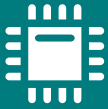


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Message from the Editor-in-Chief

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.

Editor-in-Chief

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