

Special Issue

Electrochemical Sensors for Determination of Biomolecules

Message from the Guest Editors

The monitoring of biomolecules has attracted much scientific attention due to their importance in multiple physiological and pathological functions within organisms. This class of compounds has been intensively studied to determine their potential roles as biomarkers for the early diagnosis of various diseases or as targets for drug candidates. There is growing demand for faster and more reliable analytical methods that allow for rapid and accurate quantification of biomolecules. Compared with the frequently used analytical methods (liquid and gas chromatography, capillary electrophoresis, mass spectrometry) or immunochemical assays (ELISA), electrochemical sensors offer several inherent advantages, being rapid, affordable, miniaturized, and user-friendly assays. The present Special Issue is dedicated to presenting recent achievements in electrochemical (bio)sensors for the determination of biomolecules. Both review articles and original research papers are welcome. Link: <https://www.mdpi.com/si/82134>

Guest Editors

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Deadline for manuscript submissions

closed (20 October 2022)



Sensors

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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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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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