

Special Issue

Recent Achievements on Electrochemical Biosensors

Message from the Guest Editor

The need for selective detection and determination of low concentrations of certain analytes in the shortest possible time of analysis has prompted continuous efforts aimed at the design and construction of new microanalytical devices. Of particular interest in this area are chemical sensors due to the possibilities they offer now and may offer in the future. Chemical sensors, along with their specific type with biological-origin components in the analyte identifying layer, i.e., so-called biosensors, are small mobile devices of simple construction and low price per unit. Thanks to progress in the development of automation, electronics, material engineering or biomedical engineering, small and mobile analytical platforms have been constructed where (bio)sensors, especially electrochemical ones, are preferably used as detectors. Therefore, this Special Issue seeks to showcase research papers and review articles that focus on recent advances in electrochemical biosensors. I look forward to receiving your submissions.

Guest Editor

Dr. Robert Ziółkowski

The Chair of Medical Biotechnology, Faculty of Chemistry, Warsaw University of Technology, Noakowskiego 3, 00-664 Warsaw, Poland

Deadline for manuscript submissions

closed (20 January 2023)



Micromachines

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/128740

Micromachines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
micromachines@mdpi.com

[mdpi.com/journal/
micromachines](https://mdpi.com/journal/micromachines)





Micromachines

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



[mdpi.com/journal/
micromachines](https://mdpi.com/journal/micromachines)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

Editor-in-Chief

Prof. Dr. Nam-Trung Nguyen

Queensland Quantum and Advanced Technologies Research Institute,
Griffith University, West Creek Road, Nathan, QLD 4111, Australia

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, dblp, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Mechanical Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2025).