

Special Issue

Nanomaterials Modified Electrochemical Sensors

Message from the Guest Editor

Attention to nanoscience and nanostructured materials has revolutionized most science in recent years. Therefore, different efforts have been made by different research groups to synthesize different nanomaterials. One of the important applications of nanomaterials is their use in analytical and electrochemical systems. On the other hand, nanomaterials have responded well to electroanalytical systems such as biosensors and fuel cell and have created a new revolution. In fuel cells and supercapacitors, as well as in electrochemical biosensors, the use of nanomaterials has grown significantly in recent years. This is due to their high level of good electrical conductivity. Attention to these issues has led us to focus on the use of new nanomaterials in analytical and electrochemical systems in this Special Issue. In this Special issue we would like to collect high quality papers in electrochemical systems such as biosensors and supecapacitors.

Guest Editor

Prof. Dr. Hassan Karimi-Maleh
School of Resources and Environment, University of Electronic Science & Technology, Chengdu 611731, China

Deadline for manuscript submissions

closed (28 February 2022)



Micromachines

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/53481

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).