

## Special Issue

# MEMS and Piezoelectric Sensors for Biomedical Applications

### Message from the Guest Editors

This Special Issue focuses on advanced MEMS and piezoelectric sensors research for the vital sign monitoring of wearable devices, emphasizing their advantages for wearable device design. Furthermore, the issue analyzes the contribution of continuous vital sign monitoring to the research in biomedicine and the advantages of compact wearable device design for health technology. Our primary goal is to collect research and review articles that include novel wearable device designs, scientific method-based analyses, and contributions to the biomedical field and medical technology. We look forward to receiving your submissions!

Dr. Cheng-Yan Guo  
*Assistant*

---

### Guest Editors

Dr. Tung-Li Hsieh  
Department of Electronics Engineering, National Kaohsiung University of Science and Technology, Kaohsiung 80778, Taiwan

Prof. Dr. Jau-Woei Perng  
Department of Mechanical and Electro-Mechanical Engineering, National Sun Yat-sen University, Kaohsiung 804, Taiwan

Dr. Cheng-Yan Guo  
Accurate Meditech Inc., New Taipei 241406, Taiwan, China

---

### Deadline for manuscript submissions

closed (31 December 2023)



## Micromachines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/161307](https://mdpi.com/si/161307)

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

---

### 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).