

Special Issue

Advances in Wearable Sensors

Message from the Guest Editor

Recently, advances in wearable sensors have actuated the evolution of not only personalized healthcare but also IoT applications. The barriers to practical application and usage of wearable sensors began being leveraged by the developments of deformable materials and technologies, especially manufacturing at the micro and nano-scales. However, unlike solid-state sensors, most deformable sensors, particularly stretchable ones, are yet incorporable to a broad range of advances in microelectromechanical (MEMS) that are crucial to unleash their full potential for advanced sensing devices and systems. Accordingly, this Special Issue welcomes all researchers to share breakthrough ideas and studies – including original papers and review articles – on the developments of wearable materials and technologies, including process optimization, quality assurance approaches and metrology.

- wearable sensors and technologies
- deformable materials processing
- experimental and theoretical optimizations
- MEMS-based fabrication and integration
- IoT sensing applications

Guest Editor

Dr. Le Thai Duy

Department of Materials Science and Engineering, Ajou University,
Suwon 16499, Gyeonggi-do, Korea

Deadline for manuscript submissions

closed (15 August 2021)



Micromachines

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/59181

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. Ai-Qun Liu

Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China

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 17.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).