

Special Issue

Integrated Sensing and Transducing Devices

Message from the Guest Editor

The world today is different from the past. Due to the rapid progress of integrated circuits and advanced processes in the past decade, people's lives have greatly benefited from integrating many miniaturized sensing components and systems. This Special Issue hopes to attract experts in relevant fields to join and present their latest research progress to the world with this theme. The topic includes but is not limited to:

- Lab-on-chip;
- Novel sensing techniques and algorithms;
- Cutting-edge transducing devices;
- AI-based un-met needs to improve micromachining technology for miniaturized sensing components and systems;
- New sensing and transducing applications stemming from advanced processes in device implementation;
- Signal analysis combined with integrated sensing and transducing;
- Circuits and systems for sensing and transducing.

Guest Editor

Dr. Cihun-Siyong Gong

Department of Electrical Engineering, National Central University,
Taoyuan 320317, Taiwan

Deadline for manuscript submissions

31 October 2025



Micromachines

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/231355

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

1. Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China
2. School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

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).