

Special Issue

Miniature Soft Biomedical Devices

Message from the Guest Editor

Miniature soft electronic technologies are emerging as the basis for the next generation of electronic devices that evolve in various forms. As interest in human health continues to surge, miniature soft biomedical devices have been developed and, with the help of those, it is possible to monitor human health anytime and anywhere. In this Special Issue, we will address the key technologies for the development of miniature soft forms of human-friendly and easy-to-use mobile biomedical devices. Self-diagnostics through the use of these devices hold much potential, especially with regard to a more rapid and continuous diagnosis of health conditions in daily life. This implies that it is possible to create a next-generation healthcare system for the 4th Industrial Revolution, enabling human-centred rather than hospital-centred healthcare. Contributions from industry and academia highlight new applications and new research directions, respectively, which might enable this noble goal.

Guest Editor

Prof. Dr. Jeonghyun Kim

Department of Electronics Convergence Engineering, Kwangwoon University, Seoul 01897, Republic of Korea

Deadline for manuscript submissions

closed (30 September 2019)



Micromachines

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/20237

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).