



Soft Electronics for Next-generation Human-machine Interfaces

Guest Editors:

Dr. Hyungkook Jeon

Research Laboratory of
Electronics, Massachusetts
Institute of Technology (MIT),
Cambridge, MA 02139, USA

Dr. Seong J. Cho

School of Mechanical
Engineering, Chungnam National
University, Daejeon 34134,
Republic of Korea

Deadline for manuscript
submissions:
closed (25 October 2021)

Message from the Guest Editors

Dear Colleagues,

Soft electronics has recently drawn a great deal of attention as an innovative way to develop next-generation human-machine interfaces. Benefitting from the great features of soft electronics, bi-directional communication between human beings and machines can be realized in which various external stimuli can be sensed and used as a communication bridge to have interactive feedback between them. Soft electronics can be used in various applications, such as wearable motion monitoring systems, flexible screens, smart drug-delivery systems, soft robotics, and electroceuticals.

It is my pleasure to invite you to submit original research papers within the scope of this Special Issue. Short communications and state-of-the-art reviews will also be greatly appreciated. Papers are published upon acceptance, regardless of the Special Issue Submission Deadline.

Keywords

- soft robotics
- human-machine interface
- stretchable (or flexible) sensors and actuators
- wearable device
- flexible electronics





an Open Access Journal by MDPI

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

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

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, dblp, and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Mechanical Engineering*)

Contact Us

Micromachines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/micromachines
micromachines@mdpi.com
[X@micromach_mdpi](https://twitter.com/micromach_mdpi)