



Origami Devices: Design and Application

Guest Editor:

Dr. Shao-Kang Hung

Department of Mechanical
Engineering, National Chiao
Tung University, Hsinchu 30010,
Taiwan

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

Paper was invented about 2000 years ago. Due to its inherent folding ability, origami quickly became popular in several cultures and continued to develop for centuries. Nowadays, thanks to computer aided design and modern laser tools, origami is no longer only an art but also a technology. The transformation of 2D plain paper into 3D devices is intricate yet straightforward. The emerging tools are not only functional and useful, but also very interesting and innovative. Paper-based mechanisms, actuators, manipulators, positioners, robots, and machines have been built in recent years.

In this Special Issue, we invite manuscripts conducting interdisciplinary research from areas of diverse expertise that can promote the further development of origami devices. Contributions related (but not limited) to paper-based actuators, foldable devices, and flexible manipulators are welcome. Furthermore, fundamental theories, dynamics, patterns, as well as fabrication techniques of origami devices are also desirable. Any paper-like thin films are included, too.





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 (Instruments and Instrumentation) / CiteScore - Q1 (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://x.com/micromach_mdpi)