micromachines

IMPACT FACTOR 3.0 | Indexed in: PubMed | CITESCORE 5.2

an Open Access Journal by MDPI

# Structural Analyses and Designs for Flexible/Stretchable Electronics

Guest Editor:

**Prof. Dr. Rui Li**
Department of Engineering Mechanics, Dalian University of Technology, Dalian 116024, China

Deadline for manuscript submissions:
**closed (28 February 2023)**

## Message from the Guest Editor

Flexible and stretchable electronics represent a class of promising technology that involves stretchable/bendable/twistable components such that unprecedented properties are achieved over conventional rigid/brittle semiconductor-based electronics.

This Special Issue seeks contributions on different aspects of flexible and stretchable electronics, with a focus on mechanical analyses and structural designs toward various component-level or device-level applications. Research papers and review articles are both welcome. The topics include but are not limited to:

*Mechanical analysis methods of flexible/stretchable electronics on either device-level or component-level;
*Structural optimization and design theories toward providing better related performance;
*Experimental studies on various properties of flexible/stretchable electronics;
*Novel flexible/stretchable structures with extraordinary mechanical or electrical properties;
*Designs of materials, structures, and components for special application scenarios, such as bioelectronics and implantable electronics.

*micromachines*

IMPACT FACTOR 3.0 | Indexed in: PubMed | CITESCORE 5.2

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