Special Issue

Recent Study of Flexible Thermoelectric Devices and Printable Electronics

Message from the Guest Editor

The recent increase in demand for sustainable energy has highlighted the need for efficient scavenging of waste heat in applications ranging from large-scale industrial processes to consumer wearable electronics. The aim of this Special Issue on *Micromachines*, “Recent Study of Flexible Thermoelectric Devices and Printable Electronics", is to promote an understanding of the correlation between the structural features of nanoengineered metal-chalcogenides and their thermoelectric (TE) performance. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: (I) material nanoengineering, especially correlating interface nanoengineering to TE performance in low-dimensional metal chalcogenides and related organic–inorganic composites; (II) ink formulation for various printing technologies and scale-up fabrication methods; (III) conformal TE generator design and smart integrated electric skin systems with both energy-harvesting and sensing capabilities. We look forward to receiving your contributions. Best regards,

Guest Editor

Dr. Chaochao Dun

The Molecular Foundry, Lawrence Berkeley National Laboratory, Berkeley, CA 94720, USA

Deadline for manuscript submissions

closed (20 November 2023)

Micromachines

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed

mdpi.com/si/172727

Micromachines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
micromachines@mdpi.com

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

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).

MDPI