

Special Issue

Graphene based Electronic Devices

Message from the Guest Editor

Graphene has gained interest as a promising material in future electronic devices due its high conductance and potential for the flexible modification of its electronic and structural properties. In this Special Issue of *Micromachines*, researchers and developers are invited to submit manuscripts for the Special Issue “Graphene-Based Electronic Devices”, where we wish to focus on advancements in the fabrication and characterization of different electronic structures. Articles, short communications, and review articles are all welcome that cover a broad range of possible topics, including fabrication and characterization of graphene and graphene oxide thin films; graphene-based batteries and fuel cells; photovoltaics; graphene for flexible electronics and display; and other new applications and circuits based on graphene and graphene oxide. All submissions will be reviewed in accordance with the normal procedures of *Micromachines*.

Guest Editor

Dr. Mohammed Mabrook

School of Computer Science and Electronic Engineering, Bangor University, Bangor Gwynedd LL57 2DG, UK

Deadline for manuscript submissions

closed (31 October 2020)



Micromachines

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/32677

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).