Special Issue

Cutting-Edge Terahertz Technology

Message from the Guest Editors

Today, Submillimeter wave/terahertz technology is used in an increasingly wide variety of applications: astronomy science, information and communications technologies (ICT); biology and medical sciences; non-destructive evaluation; homeland security; the quality control of food and agricultural products; global environmental monitoring; and ultrafast computing. State-of-the-art Submillimeter wave/terahertz components/devices/systems have demonstrated serious issues in regard to theories, techniques and micromachining with sources, detectors, mixers, amplifiers, phase shifters, filters, multiplexers, couplers, etc. Accordingly, this Special Issue seeks to showcase research papers, communications, and review articles that focus on original and advanced theoretical, technical and application-related research on the basic science, components, devices, circuits, and systems of Submillimeter/terahertz waves (100 GHz–10 THz).

Guest Editors

Dr. Jiangqiao Ding

School of Electronic & Information Engineering, Nanjing University of Information Science and Technology, Nanjing 210044, China

Dr. Maher Bakri-Kassem

Department of Systems Design Engineering, University of Waterloo, Waterloo, ON N2L 3G1, Canada

Deadline for manuscript submissions

closed (31 July 2024)

Micromachines

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed

mdpi.com/si/177449

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