

## Special Issue

# Photonic and Optoelectronic Devices and Systems, Second Edition

### Message from the Guest Editors

Photonics refers to the study and application of the physical science of light. Photonic devices are components for creating, manipulating, or detecting light. Examples include laser diodes, light-emitting diodes, switches, solar and photovoltaic cells, displays, and optical amplifiers. Moreover, optoelectronics is a rapidly developing technological discipline that involves the utilization of electronic devices to source, detect, and manipulate light. These devices can be a component of numerous applications, including military services, automatic access control systems, telecommunications, medical equipment, and more. Since this discipline is so wide, the spectrum of devices that come under optoelectronics is enormous, including image pick-up devices, LEDs and elements, information displays, optical storage, remote sensing systems, and optical communication systems. In this Special Issue, reviews and novel research papers on the topic are welcome, as are interdisciplinary works.

### Guest Editors

Dr. Muhammad Ali Butt

Institute of Microelectronics and Optoelectronics, Warsaw University of Technology, 00-662 Warsaw, Poland

Prof. Dr. Sotirios Baskoutas

Department of Materials Science, University of Patras, 265 04 Patras, Greece

### Deadline for manuscript submissions

closed (30 December 2024)



## Micromachines

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.0**  
**CiteScore 6.0**  
**Indexed in PubMed**



[mdpi.com/si/186278](https://mdpi.com/si/186278)

*Micromachines*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[micromachines@mdpi.com](mailto: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).