

# Special Issue

## Laser Micro/Nano Fabrication, Second Edition

### Message from the Guest Editor

I invite you to contribute to this Special Issue, which seeks research and review articles on laser micro/nanofabrication techniques. These include but are not limited to (1) new laser-based approaches to fabricate micro/nanostructures, (2) subtractive methods, precision laser ablation and cutting, (3) additive methods and laser-induced deposition, (4) laser bonding, welding, and the formation of components; (5) novel software, CAD, and nanometer precision hardware for direct laser writing, and (6) potential research and industrial applications in optical, electronic, and biological fields. Laser micro/nanofabrication is rapidly becoming a preferred manufacturing method due to its inherent high precision, mask-less nature, and rapid processing speed. This Special Issue aims to feature the latest developments in various applications of laser micromachining.

---

### Guest Editor

Dr. Thomas C. Hutchens

Department of Physics and Optical Science, University of North Carolina at Charlotte, Charlotte, NC 28223, USA

---

### Deadline for manuscript submissions

closed (30 November 2025)



## Micromachines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/188169](https://mdpi.com/si/188169)

*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. Nam-Trung Nguyen

Queensland Quantum and Advanced Technologies Research Institute,  
Griffith University, West Creek Road, Nathan, QLD 4111, Australia

---

### 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 16.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2025).