

## Special Issue

# Nanoscale Lithography— Pressing Miniaturization towards Ever Smaller Sizes

### Message from the Guest Editor

Innovative research has expanded the limits of nanofabrication to ever-smaller size scales, approaching the molecular level. Nanolithography encompasses the tools required to prepare surface structures with well-defined geometries and composition. Nanoscale lithography can be employed to control the arrangement of nanomaterials, biomolecules and organic films and offers unprecedented control for potential device applications, such as sensors, memory storage and molecular electronics. This Special Issue will showcase contributions that present advancements in nanolithography, such as approaches using scanning-probe-based lithography, photolithography, colloidal lithography or ion etching. Correspondingly, nanolithography can disclose detailed information at the smallest of size scales to facilitate studies of the chemistry and associated properties of materials. In addition, the size and composition of nanofabricated patterns can be used to tailor the optical, magnetic and electronic properties of materials for material design. We welcome the submission of research articles and reviews that describe protocols and studies performed using nanoscale lithography.

---

### Guest Editor

Prof. Dr. Jayne C. Garno  
Chemistry Department, Louisiana State University, 232 Choppin Hall,  
Baton Rouge, LA 70803, USA

---

### Deadline for manuscript submissions

closed (31 December 2025)



## Micromachines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/202637](https://mdpi.com/si/202637)

*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).