

## Special Issue

# Self-Assembly and Aggregation

### Message from the Guest Editors

The self-assembly and aggregation not only retain the physical and chemical properties of the building blocks, but also greatly enhance their properties due to the collective effect caused by self-assembly and aggregation. More importantly, two or more concentrated materials with different properties are compounded into multifunctional composites to achieve applications in different application scenarios. The building blocks here are not limited to molecules, nanoparticles, and biomaterials. This Special Issue not only focuses on the design and construction of self-assembly and aggregation, but also pays more attention to the application of materials in various fields of life, such as medicine, human health, and environmental control. In the field of basic research, more peculiar, novel, and unique multifunctional self-assembly and aggregation are expected to be designed and developed. In the application field, more advanced self-assembly and aggregation with rich design and superior properties are expected to benefit humanity.

---

### Guest Editors

Dr. Xuezhi Qiao

School of Pharmaceutical Sciences, Shandong University, 44 West Culture Road, J'nan 250012, China

Dr. Yi Hou

Institute of Chemistry, Chinese Academy of Sciences, Beijing, China

---

### Deadline for manuscript submissions

closed (15 November 2023)



## Micromachines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/174331](https://mdpi.com/si/174331)

*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).