

## Special Issue

# Smart Optical Probes: Analysis, Detection and Imaging

### Message from the Guest Editor

Smart optical probes are a new type of tool enabling signal perception, regulation, and feedback through the interaction of light and matter. We invite you to contribute to our Special Issue, entitled “Smart Optical Probes: Analysis, Detection and Imaging”, which aims to showcase the latest breakthroughs in smart optical probes. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following: (1) novel methodological developments in the design of smart optical probes used for analysis, detection, and imaging (e.g., optical (fluorescence) switchable probes, multi-target probes for cascade detection, bioimaging probes, etc.); (2) multi-dimensional applications of smart optical probes (e.g., biomedical imaging, pharmaceutical analysis, environmental monitoring, etc.).

### Guest Editor

Dr. Guofen Song

Institute of Biomedicine and Biotechnology, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, Shenzhen 518055, China

### Deadline for manuscript submissions

20 April 2026



## Micromachines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/235857](https://mdpi.com/si/235857)

*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

Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China

---

### 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).