

Special Issue

Optofluidics 2018

Message from the Guest Editors

Optofluidics is the study of interactions between light and fluids in the use of either light to control the flow of fluids or fluids to guide the flow of light, particularly at the micro-scale. Specific applications of the former one include optowetting, optical trapping, particle and cell sorting, and nanoparticle assisted optical flow control. Notable applications of the latter one are in waveguides, displays, optical switches, sensors, as well as in lab-on-a-chip, lab-in-fiber, and smart optical devices. In this Special Issue, we invite insight from investigators and scientists in the field to show your work with research papers, short communications, and review articles that focus on the new technology, fundamental research, concept, and application cases in the area of Optofluidics.

Guest Editors

Prof. Dr. Limin Xiao
Prof. Lingling Shui
Prof. Dr. Changyuan Yu

Deadline for manuscript submissions

closed (10 April 2019)



Micromachines

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/13787

Micromachines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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).