



3D-Printed Microdevices: From Design to Applications

Guest Editors:

Dr. Cristiane Kalinke

Institute of Chemistry, University
of Campinas, Campinas 13083-
970, Brazil

**Dr. Rodrigo Alejandro Abarza
Munoz**

Institute of Chemistry, Federal
University of Uberlândia,
Uberlândia 38408-100, Brazil

Deadline for manuscript
submissions:

closed (31 January 2024)

Message from the Guest Editors

Dear Colleagues,

Three-dimensional printing has become an interesting tool for the prototyping and fabrication of new devices and microdevices with versatility, quickness, and low cost. The advent of this technology has also allowed the improvement of manufacturing processes, which enable the fabrication of new designs with higher printing accuracy and lower material expenditure, especially when it comes to miniaturized and portable devices. In this context, high-quality devices can be directly produced in research laboratories, bringing scientific research and industry closer. A wide range of 3D techniques, printers, and materials have been explored for this purpose, depending on the application (i.e., biological, medical, chemical, and engineering, among others). Thus, this Special Issue focuses on the design of new 3D printing microdevices for several applications.





Editor-in-Chief

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, dblp, and other databases.

Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q2 (*Mechanical Engineering*)

Contact Us

Micromachines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/micromachines
micromachines@mdpi.com
[X@micromach_mdpi](https://x.com/micromach_mdpi)