



## Laser Bionic Fabrication

Guest Editor:

**Prof. Dr. Feng Chen**

Department of Electronic Science  
and Engineering, Xian Jiaotong  
University, 28 West Xianning  
Road, Xian 710049, China

Deadline for manuscript  
submissions:

**closed (31 July 2022)**

### Message from the Guest Editor

This Special Issue is to gather latest research breakthroughs in the areas of development of ultrafast laser manufacturing, especially its applications in smart structures and devices, bionic materials, and biochips for exploring bionic technology and advancing industrial applications. This issue will bring together innovations in both bio-inspired and industrial manufacturing and the important research results from researchers around the world. The purpose of this issue is to collect recent advances by researchers in laser material processing, bionic fabrication, and its applications and share research results to spark scientific exchanges on an international level.

Topics include but are not limited to the keywords listed below:

1. Laser bionic fabrication;
2. Laser material processing;
3. Laser-based additive manufacturing;
4. Laser micro-and nanopatterning;
5. Ultrafast laser-material interactions;
6. Surface microstructuring/modification.





an Open Access Journal by MDPI

## 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](http://www.mdpi.com)

[mdpi.com/journal/micromachines](http://mdpi.com/journal/micromachines)  
[micromachines@mdpi.com](mailto:micromachines@mdpi.com)  
[X@micromach\\_mdpi](https://twitter.com/micromach_mdpi)