

# Special Issue

## Assistive Robots

### Message from the Guest Editors

Around 15% of the world's population live with some form of disability that significantly affects the quality of life of individuals. With the advancement of science and technology, assistive robots nowadays contribute to many areas, including human augmentation, rehabilitation, mobility assistance, and activities of daily living (ADL) assistance such as ambulating, feeding, dressing, taking medications, grooming, opening/closing a door/drawer, picking/placing an object, exercising, toileting, bathing, transferring, and socializing. Assistive robots have enormous potential to reduce the dependency of individuals with disabilities on their caregivers/family caregivers and enhance their quality of life. Moreover, such robots can support and relieve caregivers from their work burden and injury resulting from handling people, especially transferring them. According to the most recent reports and data analyses, the global assistive robotics market is estimated to reach USD 25.16 billion in 2028, with a CAGR of 22.1 percent over the forecast period. Recent advances in artificial intelligence (AI) and robotics will likely fuel global revenue growth.

---

### Guest Editors

Prof. Dr. Mohammad H. Rahman  
Dr. Jawhar Ghommam  
Dr. Raouf Fareh

---

### Deadline for manuscript submissions

closed (30 April 2023)



## Micromachines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/124455](https://mdpi.com/si/124455)

*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.

---

### 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).