Special Issue

Recent Advances of BioMEMS and Their Applications

Message from the Guest Editors

The creation of revolutionary biotechnologies and significant progress of biotechnologies will be enabled by the fusion of groundwork technologies. This Special Issue is intended to provide a forum for fostering communication among leading researchers, industry professionals, research students and developers from various fields in "biotechnology for applications" with a focus in emerging markets and applications and will also publish selected papers from the 6th Bio4Apps2016 conference. Potential topics include, but are not limited to:

- BioElectronics
- BioSensors
- MEMS/NEMS for biomedical applications
- Microfluidics for biomedical applications
- Biomedical signal processing
- BioMedical Devices
- Energy harvesting technology for biomedical applications
- Miniaturized diagnostic medical devices
- Physiological monitoring
- Bio-imaging technology
- Bio-compatible materials and packaging
- Surgical robots

Guest editors

Guest Editors

Prof. Dr. Renshi Sawada

Department of Mechanical Engineering, Kyushu University, Fukuokacity, Japan

Prof. Dr. Nam-Trung Nguyen

Queensland Micro- and Nanotechnology Centre, Griffith University, West Creek Road, Nathan, QLD 4111, Australia

Deadline for manuscript submissions

closed (31 March 2017)



Micromachines

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.2 Indexed in PubMed



mdpi.com/si/7182

Micromachines MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 micromachines@mdpi.com

mdpi.com/journal/ micromachines





Micromachines

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.2 Indexed in PubMed



MDPI

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
School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Mechanical Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2024).