

# Special Issue

## Microfluidic Machines

### Message from the Guest Editors

Over the past decade, microfluidics has been witnessing a major progress in terms of fabrication techniques, materials used, and applications. The scope of this Special Issue is on the fundamentals and applications of fluid dynamics in microscale machines. This includes microfluidics for applications in life sciences, manufacturing, pharmaceutical, biomedical tests, biomedical dispensing systems, defense, public health, agriculture, and many other such areas. The scope includes also other types of applications that represent subsets of the above topics such as drug delivery systems,  $\mu$ TAS, point-of-care devices, LoC microsystems, mixing devices, particles and droplets manipulation systems, single cell analysis, phase separators, nanoparticle sources, integration of microelectronics, and integration of photonics. Integration of MEMS, digital microfluidics platforms for automatic test of liquid or two-phase specimens, components for classic and nonclassic actuation within microfluidics, micropumps, optical tweezers, and other alternate solutions to actuation within microfluidics are strongly encouraged. Papers on any other topic related to microfluidics are welcomed.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2020)



## Micromachines

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## 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.

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### Editor-in-Chief

Prof. Dr. Ai-Qun Liu

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