

## Special Issue

# Magnetically Driven Microfluidics

### Message from the Guest Editor

We are pleased to invite you to submit a manuscript to a Special Issue of *Micromachines* entitled “Magnetically Driven Microfluidics”. This Special Issue aims to explore innovative research and developments related to microfluidics and sustainable energy systems. By leveraging magnetic forces, microfluidic devices can revolutionize energy generation, storage, and distribution through the precise control and manipulation of fluids at the micro- and nano-scale. This Special Issue encourages the submission of original works that highlight fundamental advancements, novel materials, device architectures, and the practical application of magnetically driven microfluidic systems in global energy challenges. Interdisciplinary research that combines microfluidics with materials science, nanotechnology, and energy engineering is highly encouraged. I look forward to receiving your contributions.

### Guest Editor

Prof. Dr. Yan Hom Li

Department of Mechanical and Aerospace Engineering, Chung-Cheng Institute of Technology, National Defense University, Taoyuan 335, Taiwan

### Deadline for manuscript submissions

30 September 2025



## 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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