

Special Issue

Microfluidics and Microscale Flow and Heat/Mass Transfer

Message from the Guest Editors

With this Special Issue, we expect to compile the latest developments in Microfluidics (or lab on a chip) and microscale flow and heat/mass transfer, especially applications of complex fluids (normally non-Newtonian) or multiphase flows in microfluidics and thermal fluid sciences at micro or nanoscopic scale. Specific topics of interest for this Special Issue include, but are not limited to:

- Multiphase flows (with heat/mass transfer) in microchannels or microfluidic devices;
- Non-Newtonian fluid flows (with heat/mass transfer) in microchannels or microfluidic devices;
- Heat transfer enhancement techniques at microscale;
- Phase change heat transfer at microscale.
- Experimental methods and measurements in microchannel flows (with heat/mass transfer) or microfluidic devices;
- Numerical methods and simulations related to microchannel flows (with heat/mass transfer) or microfluidics.

Guest Editors

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Deadline for manuscript submissions

closed (15 December 2021)



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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