Special Issue

Multiphase Flows in Microfluidics: Fundamentals and Applications

Message from the Guest Editor

Microfluidics, a cutting-edge field used for a variety of applications in advanced materials, biochemistry, new energy, single-cell/single-molecule studies, human health, and so forth, has developed rapidly in the last two decades. Among the different applications, multiphase flow is the fundamental and vital element in various microfluidic subjects, such as emulsion, droplet, bubble, micromixer/reactor, and microswimmer/robot. Therefore, this Special Issue aims to host original research or review articles addressing the fundamentals and applications of any functional multiphase flow in microfluidics. The potential topics include (but are not limited to) multiphase flow, emulsion, droplet, bubble, micromixer, microswimmer, and particle manipulation. Experimental and numerical studies are welcome.

Guest Editor

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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