

Special Issue

Advances in Optofluidics: Devices and Systems

Message from the Guest Editors

Optofluidics is a niche research area that integrates optics with microfluidics. It began with elegant demonstrations of the passive interaction of light and liquid media, such as liquid waveguides and liquid tunable lenses. Recently, the topic of optofluidics has continued to make progress in relation to liquid-based optical devices or systems. Furthermore, it has expanded rapidly into many other fields involving lightwaves (or photons) and liquid media. This Special Issue aims to include review articles, research articles, and communications that update the latest advances in various aspects of optofluidics, such as new functional devices, new integrated systems, new fabrication techniques, new applications, etc. Topics of interest in this Special Issue include (but are not limited to) micro-optics in liquid media, optofluidic sensors, integrated micro-optical systems, displays, in-fiber optofluidics, optofluidic manipulation, energy and environmental applications, and so on.

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2023)



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CiteScore 6.0
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