

# Special Issue

## Lab-on-a-Chip Technology

### Message from the Guest Editors

Lab-on-a-chip technology is enabling revolutionary influences on biochemistry and presents a whole new class of miniaturized analysis systems for chemical and biological applications. The lab-on-a-chip devices, or so-called micro total analysis systems ( $\mu$ TAS) deal with minute amounts of fluids (pL–nL) in channels with a size of tens to hundreds of micrometers, therefore presenting many opportunities including great economy of sample and reagents, less reaction waste, rapid analysis time, cost effectiveness, compactness and portability, high throughput, and the ability to multiplex and automate. The aim of this special issue is to provide an opportunity for researchers to publish their latest researches and developments related to lab-on-a-chip or microfluidic technologies, including Fundamentals in Micro/Nanofluidics, Micro/Nanofabrication, Droplets, Electrowetting, Electrokinetics, Valves and Pumps, Acoustofluidics, Optofluidics, Organ-on-a-chip, and their applications in chemical and biological analysis.

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### Guest Editors

Dr. Zhen Cao

Prof. Dr. Shurong Dong

Prof. Dr. Jikui Luo

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### Deadline for manuscript submissions

closed (30 December 2019)



## Sensors

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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