Special Issue

Microfluidic-Based Approaches for Detection in Water and Food Samples

Message from the Guest Editor

Microfluidic technology deals with fluid flows in the geometries of micro scales. New phenomena unique to these small scales bring exciting research interests and have also entered the age of applications in the past few years. Recently, in the field of food safety and water quality detection, many microfluidic devices have been developed and applied. In this Special Issue, we invite contributions to report the state-of-the-art developments and applications of microfluidic-based approaches for detection in water and food samples, including, but not limited to, sample pretreatment and detection methods. Microfluidic-based devices may also include microfluidic chips, microfluidic paper-based devices, lab-on-a-chip, lab-on-paper, paper-strips, point-of-care devices, etc. Practical devices that demonstrate capabilities to solve real-world problems are of particular interest.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2022)

Micromachines

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed

mdpi.com/si/79401

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