



sensors



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Paper-Based Microfluidic Sensors

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Message from the Guest Editor

Distributed screening diagnostics is of great importance, especially during isolation, which almost the entire world is currently undergoing, as a result of the SARS-COV-19 pandemic situation. It is hoped that paper-based microfluidic systems can achieve fast, effective, and safe diagnostics that can be carried out at home or in physicians' offices. Paper-based diagnostic systems are so attractive because they eliminate the requirement for specialized measuring instruments. In many laboratories, research related to the methodologies for the fabrication of paper systems, both two and three-dimensional, are carried out and modern techniques of immobilizing reagents and biomolecules are being developed.

In addition, much attention is dedicated to the use of commonly available devices, such as smartphones, to develop a new approach for the quantification of electrochemical or optical analytical signals. This Special Issue will collect the latest research results related to the technological and chemical aspects of the production and operation of paper-based microfluidic sensors.



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Special Issue



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Message from the Editor-in-Chief

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