

## Special Issue

# Paper-Based Microfluidic Sensors

### 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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### Guest Editor

Dr. Łukasz Tymecki

Faculty of Chemistry, University of Warsaw, Warsaw, Poland

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### Deadline for manuscript submissions

closed (15 November 2020)



## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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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

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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