

Special Issue

Printing Methodologies for Sensors: Towards Bespoke Devices for Analysis

Message from the Guest Editors

Recently, we have witnessed the extraordinary development of printing methodologies as a formidable approach for reconfigurable-sensor realization. Unlike conventional lab equipment, they can be miniaturized, made portable and tailored for specific functions.

Printing allows for precise, additive deposition of materials bearing functional properties onto substrates of different types, opening up unprecedented approaches in analytical devices. This Special Issue therefore aims to combine research and review articles on the most advanced printing methodologies for the realization of sensors, highlighting the challenges and the future developments. We welcome contributions focusing on innovative printing approaches that combine different functional sensing materials, evaluating the most relevant analytical features of the designed platforms. Special attention will be given to submissions explicitly mentioning the complete fabrication of bespoke sensors that can continuously monitor analytes in complex or harsh environments, where conventional bench-based analytical approaches are not successful.

Guest Editors

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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.

Editor-in-Chief

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