

Special Issue

Advanced Applications in Smartphone-Based Analysis

Message from the Guest Editors

The use of smartphones as analytical platforms, either by themselves or in combination with any kind of external device or sensor, is a recent trend that combines an immediate response and simplicity in the analysis with the possibility of real-time communication to obtain information in situ.

This Special Issue aims at bringing together academia and industrial researchers to explore the opportunities of the use of smartphones as analytical platforms. We solicit papers covering various topics of interest, such as the use of smartphones to obtain an analytical signal (optical, colorimetric or electrochemical) directly from the sample or combined with a chemical and/or biochemical sensor to produce it, used in different fields as medicine, environment, food, process industries, security, and defense.

Guest Editors

Dr. Miguel María Erenas

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Dr. Ignacio de Orbe-Payá

Deadline for manuscript submissions

closed (30 November 2022)



Sensors

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CiteScore 8.2
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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

Prof. Dr. Vittorio M. N. Passaro

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