

Special Issue

Wireless Chemical and Biosensing Devices

Message from the Guest Editor

Chemical analytical instrumentation consists of sensors and reader equipment. The development of chemical and biosensors makes it possible to monitor a vast range of magnitudes in such different fields as environmental monitoring, drug control, health, point of care, sports, or general chemical analysis. Recently, some wireless protocols have been developed, not only for communication systems such as Bluetooth or WIFI, but also to supply the sensor tag using RFID (radio frequency identification). In fact, most smartphones embody the required hardware to implement a kind of RFID protocol, NFC (Near-Field Communication), designed to communicate over small distances, in the range of a few centimetres. Therefore, many possibilities to develop wireless chemical biosensing devices appears with these communication technologies. This Special Issue aims to highlight the most recent research regarding biosensors and biodevices with wireless readout or communication protocol. Link: <https://www.mdpi.com/si/82149>

Guest Editor

Dr. Miguel Ángel Carvajal Rodríguez
Department of Electronics and Computer Technology, ETSIT,
University of Granada, 18014 Granada, Spain

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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.

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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