

Special Issue

Electrochemical Sensors and Applications

Message from the Guest Editors

Electrochemical sensors have recently found extensive applications in clinical diagnostics, pharmaceutical analysis, environmental monitoring, and food technology, among others. Today, electrochemical sensors are tightly integrated and hyphenated with nanotechnology and microengineering. These sensor systems are effective and ideal for the development of novel systems with enhanced sensitivity and selectivity, and with lower production and maintenance costs. Because of such a need to show various applications of this kind of devices, this Special Issue will cover state-of-the-art developments in electrochemical sensors. Topics of interest include but are not limited to,

- Design of electrodes involving nanotechnology and novel functional materials
- Point-of-care devices for online monitoring in clinical daily routine
- Wearable sensors for personal health monitoring
- Sensors for in situ environmental analysis
- Miniaturized and simplified low-cost analytical devices

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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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