



sensors



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Electrochemical Sensors and Platforms: Design and Application

Collection Editors:

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Message from the Collection Editors

Dear Colleagues,

At present, electrochemical sensors are widely used in routine analytical measurements as well as in different areas of scientific research. Thanks to the long-lasting devotion and work of a large number of pioneering research groups, certain electrochemical sensors excel in terms of a short response time, high selectivity, sensitivity, lower limit of detection, etc. The flexibility of sensors' structure and size allow their application in solving reaction mechanisms, in studying the fine details of biological processes or corrosion steps, etc. Applications of new mechanisms and materials are being tested to improve selective analyte recognition, as well as for signal formation or transmission. New manufacturing methods have been developed or tested for the fabrication of advanced sensors with improved measuring properties.

This Special Issue aims to highlight the current state-of-the-art in the field of sensor design as well as the application of sensors in various analytical tasks.

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Guest Editors



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Topical Collection



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Message from the Editor-in-Chief

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