Special Issue

Progress in Electrochemical Sensors for Health and Environmental Monitoring

Message from the Guest Editors

Electrochemical techniques with highly multiplexed electrode arrays and miniature potentiostats offer a viable economical means of detecting different classes of chemicals via direct oxidation or reduction at a modified working electrode. However, challenges remain in designing an affordable ecofriendly electrochemical sensor that can operate reliably in minimally or unprepared real-world samples. We welcome your contribution to this Special Issue, where we aim to publish state-of-the art research results of electrochemical sensors that focus on innovative electrode and sensor designs, novel transduction mechanisms, new materials, coatings, and processes that could be transformative for monitoring and ameliorating public health and environmental concerns.

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