

Special Issue

Electrochemical Sensors for the Detection of Explosives

Message from the Guest Editors

Electroanalytical techniques are advantageous for the detection of explosives because the instrumentation is simple and can support a wide variety of assays which can be easily implemented for field work. This is especially true for nitrogen based explosives including nitroaromatics, nitramines and nitrate esters, however, further development for the detection of explosives associated with improvised devices and their manufacturing facilities is still needed. This Special Issue will focus on modified electrodes (graphene, screen printed, novel composites) and new electrocatalysts for the detection of homemade explosives (HME) with an emphasis on miniaturized sensors for field deployment and using machine learning for identification.

Guest Editors

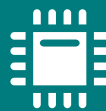
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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. 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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