Special Issue

Electrochemical Sensors: Design, Methods and Applications

Message from the Guest Editor

Electrochemical analysis has many advantages, including the fast and sensitive detection of selected analytes. This method can be used for biological applications, including the detection of very dangerous pathogens such as viruses (e.g., Ebola, influenza, ASFV, coronaviruses, etc.) and antibiotic-resistant bacterial strains, and for the diagnostics of other diseases, including tumor diseases. Various nanomaterials, nanocomposites, nanoparticles, and electrode modifications can be used in detection systems.

Guest Editor

Prof. Dr. Rene Kizek

Laboratory of Metalomics and Nanotechnology, Department of Chemistry and Biochemistry, Faculty of Agronomy, Mendel University and Central European Institute of Technology in Brno, Zemedelska 1, CZ-613 00 Brno, Czech Republic

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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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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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