

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

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