



Recent Advances in Functional Nanomaterials for Electrochemical Sensors and Biosensors

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

As is well-known, when the sizes of the materials are reduced to the nanometer range, some of their physical and chemical properties will change significantly, and a series of unique effects will appear including surface effect, volume effect, quantum size effect, and macroscopic quantum tunneling effect. With the development of nanoscience and nanotechnologies, various functional nanomaterials have been synthesized and applied in different fields of energy storage, light-emitting nano devices, optoelectronic devices, catalysis, and sensors.

This Special Issue is focused on the recent achievements in functional nanomaterials for electrochemical sensors and biosensors. We invite original contributions as well as review articles relating the synthesis, characterization, and application of novel functional nanomaterials with unique properties (carbon, semiconductor, metal-organic framework, covalent-organic framework, organic-inorganic nanocomposites, etc.) in electrochemical sensors and biosensors.





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Message from the Editor-in-Chief

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