Special Issue

DNA Nanotechnology in Biosensors and Their Applications

Message from the Guest Editor

This Special Issue focuses on recent advances in DNA nanotechnology and its role in biosensor development. DNA nanotechnology, with its inherent programmability and molecular recognition capabilities, has unlocked new possibilities in the creation of highly sensitive, specific, and multiplexed biosensors. These biosensors have applications across various fields including medical diagnostics, environmental monitoring, food safety, and so on. This Special Issue invites original research and review articles that demonstrate the application of DNA nanotechnology. Topics of interest include, but are not limited to, the integration of DNA nanomaterials with electronic, optical, or electrochemical detection systems.

Guest Editor

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Message from the Editor-in-Chief

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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