Special Issue

Design, Fabrication, and Environment Applications of Nanobiosensors

Message from the Guest Editor

With the eminent advancements in the field of nanotechnology and their provision of numerous viable solutions to meet the challenges related to diagnostics, treatments, bioelectronics, and environmental applications, there is expanding demand for the further development and design of nanobiosensors. The design/construction of compact nanobiosensor devices can result in the provision of numerous unique features, including accurate detection, high selectivity at ultraconcentrations, convenience, ease of use, low cost, and a wide scope of utilization and on-site implementation. The design and production of nanobiosensors requires an incredible effort, resulting from the merging and integration of many research disciplines including engineering disciplines, materials science, environmental, chemical, biological, and medical sciences. In this regard, the current issue intends to highlight advanced research studies in the field of design, manufacturing, and environment applications of nanobiosensors.

Guest Editor

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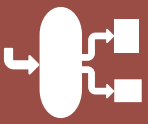

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