Special Issue

Novel Nanomaterials: Sensing Development and Applications

Message from the Guest Editors

Nanomaterials have transformed the fields of chemistry and sensing, enabling groundbreaking innovations in material design, functionalization, and application. This Special Issue, titled "Novel Nanomaterials: Sensing Development and Applications", showcases the latest advancements in nanomaterials' synthesis. characterization, and integration into chemical, biological, physical, and environmental sensing technologies. We welcome contributions on the design and optimization of nanomaterials for enhanced sensitivity, selectivity, and stability in diverse sensing applications, including environmental monitoring, biomedical diagnostics, and industrial process control. Studies on novel synthesis techniques, surface modification strategies, and fundamental chemical interactions governing sensing mechanisms are particularly encouraged.

Guest Editors

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