



Optical Sensors, Biosensors and Sensing Methodologies: Novel Materials, Approaches, Configurations and Applications

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Message from the Guest Editors

Dear Colleagues,

Novel sensing methodologies based on optical sensors are used in numerous important fields, including pharmaceutical research, medical diagnostics, environmental monitoring, agriculture, industrial applications, food safety and security.

Works dealing with all the features of this technology are sought, including but not limited to, recent developments in: New configurations based on optical sensors, hybrid devices, novel experimental setup to improve the sensitivity, miniaturization, multiplexing capabilities and microfluidic integration, optical integrated biosensor systems (lab-on-chip), new bio/chemical receptors for optical sensors and new optical devices for biochemical sensing.

- Chemical Sensors and Biosensors
- Nano and Micro Sensors
- Physical Sensors
- Optical Sensors
- Microfluidics
- Sensing methodologies

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