Topical Collection

Recent Advances in Fluorescent Sensors

Message from the Collection Editor

The aim of this Topical Collection is to collect the latest achievements of research and development in fluorescence-based chemical and biological sensors. Fluorescence-based detection of organic and inorganic matter and microorganisms is an important task for environmental monitoring, medical diagnostics, food safety, industrial quality control, agriculture, and security.

In this Topical Collection, we welcome submissions on articles addressing sensor technology based on fluorescence measurements. Both review articles and original research papers are strongly encouraged.

- Fluorescence molecules
- Chemical sensors
- Biosensors
- Interference
- Toxic substances
- Pathogens
- Environmental monitoring
- Medical
- Diagnostics
- Food safety
- Industrial quality control

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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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