



Recent Advances in Fluorescent Sensors

Collection Editor:

Prof. Dr. Peng Miao

Suzhou Institute of Biomedical
Engineering and Technology,
Chinese Academy of Sciences,
Suzhou 215163, China

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





sensors



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and
Information Engineering,
Politecnico di Bari, Via Orabona
4, 70126 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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