

Special Issue

Fluorescent Optosensing in Chemical Analysis

Message from the Guest Editors

Fluorescent optosensing materials have received special attention in the development of optical sensor systems due to their reliable and rapid fluorescence response on reaction with analytes. Further exploration of high-performance fluorescence strategies with high fluorescence quantum yield, good stability and long life is still needed. This Special Issue plans to provide an overview of the most recent advances in the field of fluorescent optosensing materials and their applications in biology, medicine, environment and food. This Special Issue aims to provide selected contributions on advances in the synthesis, characterization, and applications of fluorescent optosensing materials with regard to the identification of and response to analytes. Potential topics include, but are not limited to:

- Fluorescent sensing nanoparticles;
- Structure, characterization and optical properties of fluorescent sensing materials;
- Mechanisms of fluorescent probes;
- Application of fluorescent sensing materials in drug delivery;
- Application of fluorescent probes in the fields of biology, environment and food;
- Adverse effects of fluorescent probes;
- Future perspectives for fluorescent probes.

Guest Editors

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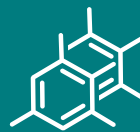
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