Special Issue

Fluorescent Probe for Sensing and Bioimaging

Message from the Guest Editors

Ever since the discovery of organic fluorescent compounds in the late nineteenth century, efforts have been made to "see" the behaviors of specific biomolecules in living systems by using these dyes as labels, and as a novel kind of promising fluorescent probes for high-performance sensors and bioimaging because of their strong luminescence, good photostability, and excellent biocompatibility. Fluorescent probes with a highly sought reversible feature can provide a real-time monitor of the concentration dynamics (increases and decreases) of such chemical species, and thus are ideally suited to understand the physiological function. They have been developed rapidly due to their wide application in various fields. This Special Issue will provide a forum for the latest research activities in the field of fluorescent/luminescent probe. Both review articles and original research papers are solicited in, though not limited to, the following areas:

- Fluorescent/luminescent probe for sensing or imaging;
- Emerging application of fluorescent/luminescent material;
- Fluorescence/colorimetric analysis;
- The mechanism research on the biomedical.

Guest Editors

Prof. Dr. Lintao Zeng

School of Light Industry and Food Engineering, Guangxi University, Nanning 530004, China

Prof. Dr. Minhuan Lan

College of Chemistry and Chemical Engineering, Central South University, Changsha 410083, China

Deadline for manuscript submissions

closed (30 November 2023)



Chemosensors

an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 7.3



mdpi.com/si/122454

Chemosensors Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 chemosensors@mdpi.com

mdpi.com/journal/

chemosensors





Chemosensors

an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 7.3



chemosensors



About the Journal

Message from the Editorial Board

Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

Editors-in-Chief

Prof. Dr. Jin-Ming Lin Beijing Key Laboratory of Microanalytical Methods and Instrumentation, Department of Chemistry, Tsinghua University, Beijing 100084, China

Prof. Dr. Nicole Jaffrezic-Renault Institute of UTINAM, University of Franche-Comté, UMR-CNRS 6213, 16 Gray Road, 25030 Besançon, France

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Engineering Village and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Physical and Theoretical Chemistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).