Special Issue

Optical Sensors for Bio-Sensing, Imaging and Theranostics Applications

Message from the Guest Editors

The "Optical Sensors for Bio-Sensing, Imaging, and Theranostics Applications" section covers the research development of various probes or sensors using lasers for biomedical sensing, imaging, diagnosis, and therapeutics. The signal can be detected using a single or multi- optical modality, such as single-/multi-photon fluorescence imaging, super-resolution optical imaging, fluorescence lifetime imaging microscopy(FLIM), optical coherence tomography (OCT), photothermal imaging, photoacoustic imaging, etc. The reported optical sensors are not limited to the methods mentioned above. The key issue is to highlight the advanced optical probes or sensors used in bio-sensing, imaging for acquiring biological information, disease diagnosis and therapy, especially for clinic applications. In this regard, it is expected that articles focusing on the biological applications will center on precisely structural or functional imaging at the levels of cell, organelle, or animals using different modalities. A significant impact on the general bio-sensing and bio-imaging area in the multidisciplinary communities is expected from this special Section.

Guest Editors

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Deadline for manuscript submissions

closed (20 July 2022)

Biosensors

an Open Access Journal by MDPI

Impact Factor 5.6
CiteScore 9.8
Indexed in PubMed

mdpi.com/si/61243

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About the Journal

Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

Editor-in-Chief

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