

Special Issue

Optical Fibre Sensing Technology in Biomedical Applications

Message from the Guest Editors

Optical fiber sensing technologies have been proposed and demonstrated for a few decades because of their thin size, electromagnetic interference-free manner, flexibility, and embedded and remote sensing abilities. Specifically, recent advances in biomedical applications using fiber optic sensors have grown attractively. The optical fiber sensors with non-invasive and unconstrained monitoring enable early monitoring and detection of diseases and provide rapid, low-cost, and non-invasive diagnoses. This Special Issue is focused on novel optical fiber sensors in the biomedical application for life sciences, biotechnology, and medical practice. We strongly encourage the submission of papers focusing on the keywords below. However, works on related topics will also be considered.

- biomedical sensors based on fiber optics
- non-invasive fiber biosensor
- fiber optics bioimaging
- wearable sensors
- label-free fiber optic sensors
- fiber sensor for daily health management
- plasmonic biosensors

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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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