

Special Issue

Optical Fiber Sensors for Chemical and Biomedical Applications

Message from the Guest Editors

With the rapid development of industrialization as well as the growth of the world population, there is a great demand for environmental protection and healthcare management. Detection towards ecological environmental parameters and physiological parameters is thus brought to the forefront. Fiber-optic sensors have drawn considerable interest because of their unique properties of small dimensions, capability of multiplexing, chemical inertness, and immunity to electromagnetic fields, and have found wide applications. This Special Issue is addressed to all types of optical-fiber sensors designed for chemical and biomedical applications. Keywords:

- optical fiber
- chemical application
- biomedical application
- environmental monitoring
- healthcare monitoring
- wearable sensor

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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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