

Special Issue

Optical Fiber Biosensors

Message from the Guest Editors

Fiber optic sensors are gaining more and more popularity in sensing in the field of life sciences. Combining high measurement resolution with broad measurement ranges, these sensors can accurately measure several physical quantities. Moreover, the use of reflective transducers is possible, limiting their intrusiveness to the environment in which they operate. Finally, as they use standard, inexpensive optical components, their cost can be kept low. Moreover, the evolution of other fields of science and technology influences fiber-optic biosensors, providing many opportunities for their further development. A good example can be the combining of innovative materials with fiber-optic technology, which can allow the construction of new fiber-optic biosensors with enhanced properties. The aim of this Special Issue is to collect and highlight the latest advances in fiber-optic biosensing. Original research papers that focus on the design and experimental verification of fiber-optic biosensors, as well as papers that focus on their testing for biomedical and clinical applications are welcome. For more information, please visit: mdpi.com/si/27689.

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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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