

Topical Collection

Optical Fiber Sensors

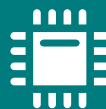
Message from the Collection Editor

Interest in sensors based on optical technology and in particular those based on optical fibers has been growing rapidly in recent years. High-performance sensor devices and platforms with high-sensitivity and selectivity and a low limit of detection values have been proposed. The reasons for this are manifold: immunity to electromagnetic interference, small size, robustness, ability of remote operation, potential intrinsic multiplexing, high sensitivity, and great versatility associated to the large number of independent parameters that characterize radiation. In this Special Issue, dedicated to optical fiber sensors, we will focus on recent advances and developments in optical fibers, and original research papers, as well as reviews, are welcome. The goal is to gather contributions on various aspects related to optical fibers sensors, namely, new types of optical fibers, optical sources, devices in optical fibers (FBG, LPG, interferometers, etc.), and applications. For more information, please visit: mdpi.com/si/39293.

Collection Editor

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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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