Special Issue

Optical Fiber Sensor Development and Applications

Message from the Guest Editors

Optical fiber sensing has attracted extensive attention in the research field due to its intrinsic properties, such as its low cost, lightweight, portability, small size, capability of multiplexing, and even remote sensing. The possibility of using several optical fiber sensor configurations (reflection, transmission) combined with the implementation of different sensing mechanisms (evanescent field, optical resonances, intensity, gratings, luminescence or interferometers) makes it possible for it to serve as a great alternative for the detection of sensing analytes. The aim of this Special Issue is to provide novel research works as well as review articles related to optical fiber development and potential applications in a wide variety of diverse disciplines, such as biological, chemical, environmental monitoring, food industry, medical, physical or safety at work, among others. For more information, please click: mdpi.com/si/64727.

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Deadline for manuscript submissions

closed (30 September 2021)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/64727

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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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