

Special Issue

Spectroscopy Based Sensors

Message from the Guest Editor

Spectroscopic sensors have attracted intensive interest from many different field of applications, such as industrial/food process control, atmospheric monitoring, analysis of biological/medical processes, etc. In the future, integrated, miniaturized sensors, produced at reduced costs, should be able to operate under hazardous, remote field conditions, such as drones, production lines, and shipped containers, but also in high-end quality control in medical processes. This Special Issue focuses on both types of sensors, publishing the newest scientific developments and applications of spectroscopic sensors for in situ, real-time analysis of critical biological, chemical, and physical parameters of the process under investigation. It welcomes contributions utilizing the UV, visible, IR, THz wavelength regions sensing via direct absorption, Raman, fluorescence, or other spectroscopic processes.

Guest 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.

Editor-in-Chief

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