Special Issue

UV, Infrared and THz Radiation Sensing System

Message from the Guest Editor

The specific features of infrared and terahertz radiation are providing opportunities for the development of sensing systems with a wide range of functionalities for usw in different fields, including biomedicine, material science, remote sensing, security, fundamental research, etc. Different photonic phenomena could be used for obtaining high selectivity and sensitivity. The appearence of compact light sources and photodetectors, advanced functional materials, and nanotechnologies has opened up new possibilities. This Special Issue is addressed to different types of sensing based on features of infrared and terahertz radiation.

Guest Editor

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Deadline for manuscript submissions

closed (25 June 2023)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/79678

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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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