

Special Issue

Mid-Infrared Sensors and Applications

Message from the Guest Editors

The mid-infrared (1.5–12 μm) spectral region is of interest for a wide variety of applications, such as environmental sensing, medical diagnostics, industry, agriculture, military defense, and basic spectroscopy. A key component of all of these applications is the sensor. With such a wide variety of applications, mid-infrared sensor requirements also vary considerably, but improvements in sensitivity, spectral coverage, and response time are often needed. At the same time, low cost, reliability, small size, and low power are needed for practical reasons. The main goal of this Special Issue is to capture the current state-of-the-art and contemporary progress and perspectives of mid-infrared sensor technology. Basic research papers, novel application demonstrations, and review articles will be considered. For detailed information, please visit [here](#).

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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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