Special Issue

Mid-Infrared Integrated Photonics

Message from the Guest Editors

The mid-infrared region is an important spectral region in which strong molecular absorption bands and atmospheric transmission windows can be exploited for practical use in medicine, food production, imaging, environmental monitoring, and security. In recent years, the wavelength range over which integrated photonics can operate has been extended to mid-infrared regions. This Special Issue will focus on state-of-the-art research in integrated photonics for the mid-infrared region. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Design and fabrication of novel mid-infrared waveguides;
- Mid-infrared optical materials;
- Integrated mid-infrared photonic devices and their applications;
- On-chip sensors and sensing systems;
- Mid-infrared modulators and photodetectors.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2022)

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

Editor-in-Chief

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