

Special Issue

Infrared Optoelectronic Materials and Devices

Message from the Guest Editor

This Special Issue aims to demonstrate state-of-the-art academic research achievements on fundamental theories, models, and experimental results for the development of infrared optoelectronic materials and devices and their real-world applications. Researchers are invited to submit their articles to a broad range of topics, including, but not limited to, the following:

- Infrared optoelectronic materials' growth and characterization;
- Novel devices based on low-dimensional structures and new materials;
- Nonlinear infrared technologies;
- Infrared lasers;
- Infrared emitters, modulators, and detectors;
- Infrared integrated photonics;
- Infrared metamaterials and metasurfaces;
- Infrared optical fibers;
- Infrared sensing;
- Infrared thermal imaging.

Guest Editor

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Deadline for manuscript submissions

31 August 2025



Photonics

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Impact Factor 1.9
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About the Journal

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.

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