

# Special Issue

## New Perspectives in Photodetectors

### Message from the Guest Editors

This Special Issue aims to introduce new perspectives in photodetectors, including innovations in materials and structures, and report on the development of new photodetectors for controlling, processing, and transmitting information. We invite you to present research findings on the theoretical aspects and practical applications of photodetectors in this Special Issue of *Photonics*, entitled “New Perspectives in Photodetectors”. This Special Issue will feature original research articles as well as reviews.

- organic photodetectors
- low-dimensional material photodetectors
- quantum dot photodetectors
- ultrafast photodetection
- photodetector arrays
- infrared photodetection
- visible-blind photodetectors
- UV photodetectors
- THz photodetectors
- plasmonic photodetectors
- polarization-sensitive photodetectors
- photodetectors for biological applications
- photodetectors for communication systems
- photodetectors for environmental monitoring

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### Guest Editors

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### Deadline for manuscript submissions

30 December 2025



## Photonics

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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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### Editor-in-Chief

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