

# Special Issue

## Organic and Hybrid Optoelectronic Materials and Devices

### Message from the Guest Editors

This Special Issue aims to publish state-of-the-art unpublished works exploring the use of organic and hybrid materials in various optoelectronic devices. Topics will include, but are not limited to, novel organic and hybrid optoelectronic materials, new organic and hybrid optoelectronic nanostructures, detailed discussions about the interfaces within the organic and hybrid optoelectronic devices, advanced organic and hybrid optoelectronic device physics; nonclassical configurations of organic and hybrid optoelectronic devices, synthesis and/or self-assembly of hybrid halide perovskites and colloidal nanocrystals, thin films and single crystals of low-dimensional perovskites, and hybrid perovskite-related photoferroelectrics. Submissions on the molecular structures, synthesis methods, and physicochemical and optoelectronic properties of lead-free hybrid perovskites are also welcome.

- organic solar cell
- organic photodetector
- OLED
- perovskite solar cell
- perovskite laser
- perovskite photodetector
- perovskite LED

### Guest Editors

Dr. Aung Ko Ko Kyaw

Department of Electrical and Electronic Engineering, Southern University of Science and Technology, Shenzhen 518055, China

Dr. Tao Ye

School of Mechanical Engineering, Northwestern Polytechnical University, Xi'an 710072, China

### Deadline for manuscript submissions

closed (20 April 2024)



## Photonics

an Open Access Journal  
by MDPI

Impact Factor 1.9  
CiteScore 3.5



[mdpi.com/si/86864](https://mdpi.com/si/86864)

*Photonics*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

[photonics@mdpi.com](mailto:photonics@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[photonics](https://mdpi.com/journal/photonics)





# Photonics

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.9  
CiteScore 3.5



[mdpi.com/journal/  
photonics](https://mdpi.com/journal/photonics)



## 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.

---

### Editor-in-Chief

Prof. Dr. Nelson Tansu

School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q2 (Instrumentation)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).