

# Special Issue

## Light-Based Smart Technologies for Biomedical Sensing and Imaging

### Message from the Guest Editors

This Special Issue is focused on recent advances in light-based technologies for biomedical sensing and imaging, and to leverage artificial intelligence in this application. We strongly encourage the submission of papers focusing on the keywords below. However, works on related topics will also be considered.

- Laser-tissue interactions
- Tissue optics
- Optical coherence tomography
- Adaptive optics
- Scanning laser ophthalmoscopy
- Autofluorescence imaging
- Optical sensing and optical detectors
- Optical imaging: system and applications
- Medical laser: system and applications
- Optical-based microfluidic system
- Biomedical spectroscopy and imaging
- Photoacoustic
- Optical biosensor
- Deep learning for optical biosensing and imaging
- Eye Imaging

---

### Guest Editors

Dr. Azhar Zam

Dr. Aulia Nasution

Prof. Dr. Agus Rubiyanto

Dr. Angelos Kalitzeos

---

### Deadline for manuscript submissions

closed (15 April 2022)



## Photonics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.1  
CiteScore 2.6



[mdpi.com/si/56198](https://mdpi.com/si/56198)

*Photonics*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[photonics@mdpi.com](mailto:photonics@mdpi.com)

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





# Photonics

an Open Access Journal  
by MDPI

Impact Factor 2.1  
CiteScore 2.6



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



## About the Journal

### Message from the Editor-in-Chief

---

#### 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:

JCR - Q2 (Optics)

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 14.9 days after  
submission; acceptance to publication is undertaken in 1.9  
days (median values for papers published in this journal in  
the second half of 2024).