

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

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Deadline for manuscript submissions

closed (15 April 2022)



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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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