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

Editor-in-Chief

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

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JCR - Q2 (Optics)

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 2.6 days (median values for papers published in this journal in the first half of 2024).