Special Issue

Advanced Optical Imaging for Biomedicine

Message from the Guest Editors

Optical imaging techniques are critical in the biomedical field, with numerous applications in lesion detection, diagnosis, and treatment evaluation. These imaging methods offer rich optical contrasts that provide biological information from anatomical structures to functional and molecular features, making them an essential tool for both preclinical research and clinical practice. With the significant growth of optical imaging in recent years, we are announcing a Special Issue on advanced optical imaging for biomedicine. The focus will be on recent innovations and novel trends related to optical imaging devices, optical imaging applications in biomedicine, optical imaging theories, and interdisciplinary studies that apply optical imaging technologies. We welcome regular research articles, reviews, and short communications from research groups worldwide to share their knowledge through this Special Issue of *Optics*.

Guest Editors

Dr. Li Lin

College of Biomedical Engineering and Instrument Science, Zhejiang University, Hangzhou 310007, China

Dr. Zhiyi Liu

College of Optical Science and Engineering, Zhejiang University, Hangzhou, China

Deadline for manuscript submissions

closed (30 April 2025)

Optics

an Open Access Journal by MDPI

Impact Factor 1.6
CiteScore 2.6

mdpi.com/si/175118

Optics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
optics@mdpi.com

mdpi.com/journal/optics

Optics

an Open Access Journal by MDPI

Impact Factor 1.6
CiteScore 2.6

mdpi.com/journal/optics

About the Journal

Message from the Editorial Board

Optics (ISSN 2673-3269) aims at establishing *Optics* as a leading journal for publishing high impact fundamental research and applications in optics field with a fast processing time and high quality service. The journal particularly welcomes both theoretical (simulation) and experimental research within our journal's scope. We encourage scientists to publish their experimental and theoretical results in as much detail as possible. So, there is no restriction on the length or pages of the papers. The full experimental details must be provided so that the results can be reproduced. Electronic files and software regarding the full details of the calculation or experimental procedure, if unable to be published in a normal way, can be deposited as supplementary electronic material.

Editors-in-Chief

Prof. Dr. Costantino De Angelis
Department of Information Engineering, University of Brescia, 25123 Brescia, Italy

Prof. Dr. Thomas Seeger
Institut Fluid- und Thermodynamik, Lehrstuhl für Technische Thermodynamik, Universität Siegen, Paul-Bonatz-Straße 9-11, 57076 Siegen, Germany

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 23 days after submission; acceptance to publication is undertaken in 4.8 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

APC discount vouchers, optional signed peer review, and reviewer names published annually in the journal.