

Special Issue

New Insights into Photoacoustic Imaging

Message from the Guest Editors

We invite researchers and experts in the field of biomedical imaging to contribute to our upcoming Special Issue. The aim is to showcase the latest advancements, innovations, and discoveries in the dynamic realm of photoacoustic imaging. Photoacoustic imaging, a rapidly evolving hybrid modality, seamlessly integrates ultrasound and optical techniques to provide an unparalleled view into biological tissues. This Special Issue presents a unique opportunity to share your research findings, original work, and expert insights in this captivating field. We welcome contributions that span the entire spectrum of photoacoustic imaging, including but not limited to the following:

- Advances in photoacoustic imaging technology;
- Novel imaging agents and contrast agents;
- Image reconstruction and data processing techniques;
- Clinical applications and case studies;
- Multimodal and hybrid imaging approaches;
- Artificial intelligence and machine learning in image analysis;
- Preclinical and translational research.

We encourage researchers, scientists, engineers, and healthcare professionals to submit their original research, review articles, and innovative perspectives.

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2024)



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About the Journal

Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

Editor-in-Chief

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