

Special Issue

Advanced Biomedical Imaging and Signal Processing

Message from the Guest Editor

Biomedical imaging and signal processing stand at the forefront of medical innovation, providing unprecedented insights into human physiology and pathology. The continuous evolution of imaging technologies generates increasingly complex datasets, while sophisticated sensors capture a wide array of physiological signals. Effectively harnessing this wealth of information is crucial for enhancing diagnostic accuracy, tailoring personalized treatments, and improving patient monitoring.

This Special Issue, “Advanced Biomedical Imaging and Signal Processing”, aims to bring together leading research on cutting-edge methodologies that address the challenges and opportunities in acquiring, processing, analyzing, and interpreting complex biomedical data.

We invite submissions of high-quality original research articles, comprehensive reviews, perspective pieces, and methodological papers. Topics of interest include, but are not limited to:

Novel Algorithms for Image Analysis; Advanced Biomedical Signal Processing; Integration and Multimodal Analysis; Applications and Systems

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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