

Special Issue

Acousto-Optic Sensing for Biomedical Imaging

Message from the Guest Editor

This Special Issue aims at presenting the advances in the development and characterization of new configurations and concepts that utilize the interaction of ultrasound (acoustic wave) and light to probe or image the properties of biological systems. The issue is also open for original research articles or reviews showing state-of-the-art methods that combine acoustics and optics for applications in biomedicine. The topics covered by this issue include (but are not limited to): acousto-optic imaging, opto-acoustic (photoacoustic) imaging, acousto-optic tomography, acousto-optic sensors and scanners, acousto-optics in microscopy and endoscopy, optical probing of biomechanical properties, etc.

Guest Editor

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Deadline for manuscript submissions

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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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