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Acousto-Optic Sensing for Biomedical Imaging

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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.



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Special Issue



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Message from the Editor-in-Chief

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