

Special Issue

Optical and Acoustical Methods for Biomedical Imaging and Sensing

Message from the Guest Editors

Optical and acoustic methods have emerged as important tools in biological sciences and clinical applications. These versatile biomedical detection approaches are attractive due to their capability of noninvasive tissue imaging and relatively low cost of implementation. Recently, innovative methods and imaging systems with improved performance have been reported, and new applications have been developed that can provide practical values in medicine and industry. In the era of precision and personalized medicine, advancements in our understanding of biological and medical phenomena based on imaging and sensing technology have leveraged specific disease biomarkers for diagnosis and treatment. Original research papers that focus on the design and experimental verification of new sensors and imaging systems operating in the optical and acoustic spectra, as well as papers that focus on their testing for biomedical and clinical applications, are welcome. Reviews should provide an up-to-date, well-balanced overview of the current state of the art in a particular application and include main results from other groups.

Guest Editors

Dr. Quan Zhou

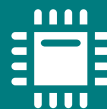
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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. 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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