

Special Issue

Biomedical Ultrasound Imaging and Sensing

Message from the Guest Editor

Medical ultrasound has become an indispensable tool in modern healthcare, offering safe, real-time, and cost-effective imaging and sensing capabilities. Emerging topics include three-dimensional imaging, dynamic functional and quantitative analysis, machine learning assisted ultrasound, and point-of-care and wearable ultrasound. This Special Issue aims to bring together original research and comprehensive reviews on the latest developments, innovative technologies, and future challenges in biomedical ultrasound imaging and sensing. Potential topics include but are not limited to:

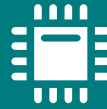
- medical ultrasound
- ultrasound imaging
- ultrasound-guided therapy
- wearable ultrasound
- machine learning for ultrasound
- multimodal imaging
- ultrasound transducers
- ultrasound acquisition systems
- signal and image processing
- image reconstruction

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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