

Special Issue

Ultrasound Imaging and Sonoelastography for Measuring Mechanical Properties of Human Tissues

Message from the Guest Editors

For the last few decades, sonoelastography has been widely utilized as a diagnostic ultrasound technique that provides a noninvasive means of estimating soft tissue elasticity and stiffness. Currently, sonoelastography has become one of the key methods for measuring mechanical properties of tissues, such as elasticity of soft tissues. The main types of sonoelastography used in biology and medicine are compression elastography, shear-wave elastography, and transient elastography. This Special Issue aims to bring together recent studies on sonoelastography and their applications in medicine and biology. We welcome original research contributions and reviews of state-of-the-art studies from academia and industry. The Special Issue topics include but are not limited to the following:

- Advanced sonoelastography techniques
- Novel sonoelastography devices
- Biomedical sonoelastography applications
- Application of sonoelastography in sports injury diagnosis
- Usefulness of sonoelastography in the prevention of injuries
- Sonoelastography for the measurement of mechanical properties of tissues
- Ultrasound imaging and sonoelastography
- Other associate devices and applications

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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