



Ultrasonic Systems for Biomedical Sensing

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 June 2022)

Message from the Guest Editor

This Special Issue aims to bring together recent studies on new ultrasound imaging and sensing systems, ultrasound-based multimodal systems, mobile ultrasound systems, ultrasound transducers, and their applications in medicine and biology.

Papers addressing a wide range of ultrasound sensing and imaging innovations are sought, including, but not limited to, recent research and developments in the following areas:

- Ultrasound imaging;
- Wearable and mobile ultrasonic sensors;
- Ultrasonic biosensors;
- Ultrasounds in cell sensing;
- Multimodal sensing and imaging systems based on ultrasound and optical technology;
- Ultrasound-based elastography for the measurement of mechanical properties of cells and tissues;
- Other associated devices and applications.

Both review articles and original research papers associated with ultrasonic systems, relevant multimodal systems, ultrasonic sensors/transducers, and their applications in biology and medicine are solicited. There is a particular interest in papers concerning applications of high-frequency ultrasound elastography, multimodal imaging systems for analysis of cells and tissues, and wearable/mobile ultrasonic sensors.





sensors



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Message from the Editor-in-Chief

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