

Special Issue

New Advances in Ultrasonic Sensors and Approaches for Nondestructive Testing and Imaging

Message from the Guest Editor

The current era witnesses significant advances and great progress in the field of ultrasonic sensors and their applications. This Special Issue aims to publish original manuscripts and the latest research on various ultrasonic sensors used for the conversion between acoustic energy and other forms (i.e., electrical, optical, and thermal energy). Towards this goal, we welcome submissions describing new cutting-edge sensor fabrication and ultrasonic approaches that address existing problems in nondestructive testing and imaging for industrial and biomedical fields. The topics of interest include, but are not limited to, the following:

- Ultrasound transducer for testing, imaging, therapy, substance manipulation, etc.;
- Ultrasound sensors for industry and healthcare, including wearable and IoT designs;
- SAW/BAW/MEMS ultrasonic sensors;
- Fiber-laser-based ultrasound sensors;
- Ultrasonic networking of intra-body devices.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

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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