

Special Issue

Ultrafast Ultrasound Imaging

Message from the Guest Editors

Ultrafast ultrasound is becoming an indispensable technique for functional ultrasonic imaging, such as transient elastography, blood flow imaging, high-intensity focused ultrasound (HIFU) monitoring, etc. On the other hand, to compensate for the limitations and weaknesses of ultrafast ultrasound imaging, such as lower resolution and contrast relative to conventional ultrasound imaging, further developments are highly demanded for enhancing the performance and applicability of ultrafast ultrasound imaging. We welcome your contributions to this Special Issue on any of the topics related to “Ultrafast Ultrasound Imaging”.

- Imaging and signal processing methods
- Blood flow imaging
- Contrast agents
- Elastography
- Medical photoacoustics
- Therapeutic monitoring

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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