Special Issue

Piezoelectric Ultrasound Transducer for Biomedical Applications

Message from the Guest Editors

Ultrasound has been widely used and has demonstrated great potential in medicine and biology, for example, ultrasonic medical therapeutic technologies (drug and gene delivery, brain stimulation, retinal stimulation, etc.), biomedical imaging, and a variety of clinical diagnostic tools, thanks to its safety and non-invasive nature. Although many efforts and achievements have been made in the biomedical application of ultrasound, there are still challenges in this area, such as the analysis and novel design, fabrication, integration, and mechanisms of ultrasound transducers, as well as the mechanisms of ultrasound therapy and biomedical imaging, etc. This Special Issue aims to collate and showcase research papers, short commutations, perspectives, and insightful review articles from esteemed colleagues that demonstrate original works on the topic of ultrasound for biomedical applications.

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Micromachines (ISSN 2072-666X) is a forum for cutting-edge interdisciplinary research on micro and nanoscale science and technology. We emphasise the practical, real-world value of micro and nanotechnologies that will place *Micromachines* in a leading position among engineering and technology journals.

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