Shengtao Lin

List of Publications by Year
in descending order

15	223	1307594	1720034
papers	citations	7 h-index	7 g-index

15	15	15	294
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acoustic wave sparsely activated localization microscopy (AWSALM): Super-resolution ultrasound imaging using acoustic activation and deactivation of nanodroplets. Applied Physics Letters, 2018, 113, .	3.3	59
2	Optically and acoustically triggerable sub-micron phase-change contrast agents for enhanced photoacoustic and ultrasound imaging. Photoacoustics, 2017, 6, 26-36.	7.8	44
3	Effects of microchannel confinement on acoustic vaporisation of ultrasound phase change contrast agents. Physics in Medicine and Biology, 2017, 62, 6884-6898.	3.0	29
4	Quantifying Activation of Perfluorocarbon-Based Phase-Change Contrast Agents Using Simultaneous Acoustic and Optical Observation. Ultrasound in Medicine and Biology, 2015, 41, 1422-1431.	1.5	26
5	Imaging of vaporised sub-micron phase change contrast agents with high frame rate ultrasound and optics. Physics in Medicine and Biology, 2018, 63, 065002.	3.0	21
6	Quantification of Vaporised Targeted Nanodroplets Using High-Frame-Rate Ultrasound and Optics. Ultrasound in Medicine and Biology, 2019, 45, 1131-1142.	1.5	12
7	Vaporising phase change ultrasound contrast agent in microvascular confinement. , 2016, , .		10
8	Acoustic response of targeted nanodroplets post-activation using high frame rate imaging. , 2017, , .		9
9	High Frame Rate Contrast-Enhanced Ultrasound Imaging for Slow Lymphatic Flow: Influence of Ultrasound Pressure and Flow Rate on Bubble Disruption and Image Persistence. Ultrasound in Medicine and Biology, 2019, 45, 2456-2470.	1.5	9
10	High frame rate ultrasound imaging of vaporised phase change contrast agents. , 2017, , .		4
11	Acoustic response of phase change contrast agents targeted with breast cancer cells immediately after ultrasonic activation using ultrafast imaging. , 2017, , .		0
12	Notice of Removal: Optically and acoustically triggerable sub-micron phase-change contrast agents for enhanced photoacoustic and ultrasound imaging. , 2017, , .		0
13	Notice of Removal: Exploring mild bubble disruption and high frame rate contrast enhanced ultrasound for specific imaging of lymphatic vessel. , 2017, , .		0
14	High frame rate ultrasound imaging of vaporised sub-micron phase-change contrast agents. , 2017, , .		0
15	10.1063/1.5029874.1. , 2018, , .		0