

Applications of Acoustics and Cavitation to Noninvasive

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Citation Report

#	ARTICLE	IF	CITATIONS
2	The role of inertial cavitation in acoustic droplet vaporization. , 2008, , .		2
3	Short-duration-focused ultrasound stimulation of Hsp70 expression<i>in vivo</i>. Physics in Medicine and Biology, 2008, 53, 3641-3660.	1.6	57
4	Magnetic resonance imaging of boiling induced by high intensity focused ultrasound. Journal of the Acoustical Society of America, 2009, 125, 2420-2431.	0.5	71
5	The stability of a bubble in a weakly viscous liquid subject to an acoustic traveling wave. Physics of Fluids, 2009, 21, .	1.6	33
6	Localization and Interpretation of Bubble Activity during HIFU Exposure. AIP Conference Proceedings, 2009, , .	0.3	3
7	Multibubble cavitation inception. Physics of Fluids, 2009, 21, .	1.6	33
8	A feasibility study of temperature rise measurement in a tissue phantom as an alternative way for characterization of the therapeutic high intensity focused ultrasonic field. Ultrasonics, 2009, 49, 733-742.	2.1	17
9	Acoustic Dose and Acoustic Dose-Rate. Ultrasound in Medicine and Biology, 2009, 35, 1679-1685.	0.7	18
10	The role of inertial cavitation in acoustic droplet vaporization. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2009, 56, 1006-1017.	1.7	196
11	Dynamics of gas bubbles in time-variant temperature fields. Journal of Fluid Mechanics, 2010, 663, 209-232.	1.4	10
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13	The Correlation Between Bubble-Enhanced HIFU Heating and Cavitation Power. IEEE Transactions on Biomedical Engineering, 2010, 57, 175-184.	2.5	97
14	Ultrasound-enhanced delivery of targeted echogenic liposomes in a novel ex vivo mouse aorta model. Journal of Controlled Release, 2010, 144, 288-295.	4.8	69
15	A Study of Bubble Activity Generated in Ex Vivo Tissue by High Intensity Focused Ultrasound. Ultrasound in Medicine and Biology, 2010, 36, 1327-1344.	0.7	90
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19	Passive cavitation mapping for localization and tracking of bubble dynamics. Journal of the Acoustical Society of America, 2010, 128, EL175-EL180.	0.5	115

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21	Cavitation in Metastable Liquid Nitrogen Confined to Nanoscale Pores. Langmuir, 2010, 26, 10147-10157.	1.6	180
22	Fabrication of one-dimensional linear diagnostic and therapeutic high intensity focused ultrasound (HIFU) phased-arrays using lateral-mode coupling method. , 2010, , .		1
23	Shock-wave induced damage in lipid bilayers: a dissipative particle dynamics simulation study. Soft Matter, 2011, 7, 4307.	1.2	40
24	Acoustic Droplet Vaporization for Enhancement of Thermal Ablation by High Intensity Focused Ultrasound. Academic Radiology, 2011, 18, 1123-1132.	1.3	97
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