E Carr Everbach

List of Publications by Year
in descending order

29 papers	1,183 citations	430874 18 h-index	526287 27 g-index
36 all docs	36 docs citations	36 times ranked	870 citing authors

#	Article	IF	Citations
1	Bioeffects Considerations for Diagnostic Ultrasound Contrast Agents. Journal of Ultrasound in Medicine, 2008, 27, 611-632.	1.7	213
2	Cavitational mechanisms in ultrasound-accelerated thrombolysis at 1 MHz. Ultrasound in Medicine and Biology, 2000, 26, 1153-1160.	1.5	166
3	Correlation of ultrasound-induced hemolysis with cavitation detector output in vitro. Ultrasound in Medicine and Biology, 1997, 23, 619-624.	1.5	118
4	Bacterial Stress Responses to 1-Megahertz Pulsed Ultrasound in the Presence of Microbubbles. Applied and Environmental Microbiology, 1998, 64, 3927-3931.	3.1	65
5	Microbubble cavitation imaging. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2013, 60, 661-670.	3.0	55
6	A comparison of the hemolytic potential of Optisonâ„¢ and AlbunexÂ® in whole human blood in vitro: acoustic pressure, ultrasound frequency, donor and passive cavitation detection considerations. Ultrasound in Medicine and Biology, 2001, 27, 709-721.	1.5	54
7	Effectiveness of transcranial and transthoracic ultrasound and microbubbles in dissolving intravascular thrombi.. Journal of Ultrasound in Medicine, 2001, 20, 1313-1325.	1.7	52
8	Effect of a Stabilized Microbubble Echo Contrast Agent on Hemolysis of Human Erythrocytes Exposed to High Intensity Pulsed Ultrasound. Echocardiography, 1995, 12, 13-21.	0.9	48
9	Effect of acoustic cavitation on platelets in the presence of an echo-contrast agent. Ultrasound in Medicine and Biology, 1998, 24, 129-136.	1.5	47
10	Differences in definity and optison microbubble destruction rates at a similar mechanical index with different real-time perfusion systems. Journal of the American Society of Echocardiography, 2003, 16, 1178-1185.	2.8	44
11	Transient acoustic cavitation in gallstone fragmentation: A study of gallstones fragmented in vivo. Ultrasound in Medicine and Biology, 1993, 19, 331-342.	1.5	41
12	Effects of Attenuation and Thrombus Age on the Success of Ultrasound and Microbubble-Mediated Thrombus Dissolution. Ultrasound in Medicine and Biology, 2011, 37, 280-288.	1.5	37
13	Diagnostic Ultrasound Induced Inertial Cavitation to Non-Invasively Restore Coronary and Microvascular Flow in Acute Myocardial Infarction. PLoS ONE, 2013, 8, e69780.	2.5	34
14	Improved Sonothrombolysis from a Modified Diagnostic Transducer Delivering Impulses Containing a Longer Pulse Duration. Ultrasound in Medicine and Biology, 2014, 40, 1545-1553.	1.5	28
15	An interferometric technique for B/A measurement. Journal of the Acoustical Society of America, 1995, 98, 3428-3438.	1.1	25
16	Biological and environmental factors affecting ultrasound-induced hemolysis in vitro: 2. medium dissolved gas (pO2) content. Ultrasound in Medicine and Biology, 2003, 29, 93-102.	1.5	22
17	Enhanced Retention in the Passive-Avoidance Task By 5-HT1A Receptor Blockade Is Not Associated With Increased Activity of the Central Nucleus of the Amygdala. Learning and Memory, 2003, 10, 394-400.	1.3	21
18	A corrected mixture law for B/A. Journal of the Acoustical Society of America, 1991, 89, 446-447.	1.1	20

#	Article	IF	Citations
19	Therapeutic cardiac ultrasound. American Journal of Cardiology, 1991, 67, 422-424.	1.6	19
20	Biological and environmental factors affecting ultrasound-induced hemolysis in vitro: 1. HIV macrocytosis (cell size). Ultrasound in Medicine and Biology, 2003, 29, 77-91.	1.5	17
21	Measurement of pressure and assessment of cavitation for a 22.5â€kHz intraâ€arterial angioplasty device. Journal of the Acoustical Society of America, 1996, 100, 1855-1864.	1.1	14
22	Applications of mixture laws for predicting the compositions of tissue phantoms. Ultrasound in Medicine and Biology, 1991, 17, 829-838.	1.5	9
23	Gas in gallstones: Quantitative determinations and possible effects on fragmentation by shock waves. Gastroenterology, 1991, 101, 1628-1634.	1.3	7
24	The appreciation of colour in endoscopy. Bailliere's Clinical Gastroenterology, 1991, 5, 183-194.	0.9	7
25	Microhardness properties of human gallstones and synthetic stones. Journal of Materials Science Letters, 1992, 11, 554-557.	0.5	6
26	Investigation of effectiveness of microbubble stable cavitation in thrombolysis. , 2010, , .		4
27	Medical diagnostic ultrasound. Physics Today, 2007, 60, 44-48.	0.3	3
28	Investigation of image-guided sonothrombolysis in a porcine acute ischemic stroke model. , 2011, , .		3
29	Modeling of microbubbles pushed through clots via acoustic radiation force. Proceedings of Meetings on Acoustics, 2013, , .	0.3	1