

E Carr Everbach

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,183
citations

430442

18
h-index

525886

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. <i>Journal of Ultrasound in Medicine</i> , 2008, 27, 611-632.	0.8	213
2	Cavitation mechanisms in ultrasound-accelerated thrombolysis at 1 MHz. <i>Ultrasound in Medicine and Biology</i> , 2000, 26, 1153-1160.	0.7	166
3	Correlation of ultrasound-induced hemolysis with cavitation detector output in vitro. <i>Ultrasound in Medicine and Biology</i> , 1997, 23, 619-624.	0.7	118
4	Bacterial Stress Responses to 1-Megahertz Pulsed Ultrasound in the Presence of Microbubbles. <i>Applied and Environmental Microbiology</i> , 1998, 64, 3927-3931.	1.4	65
5	Microbubble cavitation imaging. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2013, 60, 661-670.	1.7	55
6	A comparison of the hemolytic potential of Optison [®] and Albunex [®] in whole human blood in vitro: acoustic pressure, ultrasound frequency, donor and passive cavitation detection considerations. <i>Ultrasound in Medicine and Biology</i> , 2001, 27, 709-721.	0.7	54
7	Effectiveness of transcranial and transthoracic ultrasound and microbubbles in dissolving intravascular thrombi. <i>Journal of Ultrasound in Medicine</i> , 2001, 20, 1313-1325.	0.8	52
8	Effect of a Stabilized Microbubble Echo Contrast Agent on Hemolysis of Human Erythrocytes Exposed to High Intensity Pulsed Ultrasound. <i>Echocardiography</i> , 1995, 12, 13-21.	0.3	48
9	Effect of acoustic cavitation on platelets in the presence of an echo-contrast agent. <i>Ultrasound in Medicine and Biology</i> , 1998, 24, 129-136.	0.7	47
10	Differences in definity and optison microbubble destruction rates at a similar mechanical index with different real-time perfusion systems. <i>Journal of the American Society of Echocardiography</i> , 2003, 16, 1178-1185.	1.2	44
11	Transient acoustic cavitation in gallstone fragmentation: A study of gallstones fragmented in vivo. <i>Ultrasound in Medicine and Biology</i> , 1993, 19, 331-342.	0.7	41
12	Effects of Attenuation and Thrombus Age on the Success of Ultrasound and Microbubble-Mediated Thrombus Dissolution. <i>Ultrasound in Medicine and Biology</i> , 2011, 37, 280-288.	0.7	37
13	Diagnostic Ultrasound Induced Inertial Cavitation to Non-Invasively Restore Coronary and Microvascular Flow in Acute Myocardial Infarction. <i>PLoS ONE</i> , 2013, 8, e69780.	1.1	34
14	Improved Sonothrombolysis from a Modified Diagnostic Transducer Delivering Impulses Containing a Longer Pulse Duration. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 1545-1553.	0.7	28
15	An interferometric technique for B/A measurement. <i>Journal of the Acoustical Society of America</i> , 1995, 98, 3428-3438.	0.5	25
16	Biological and environmental factors affecting ultrasound-induced hemolysis in vitro: 2. medium dissolved gas (pO ₂) content. <i>Ultrasound in Medicine and Biology</i> , 2003, 29, 93-102.	0.7	22
17	Enhanced Retention in the Passive-Avoidance Task By 5-HT _{1A} Receptor Blockade Is Not Associated With Increased Activity of the Central Nucleus of the Amygdala. <i>Learning and Memory</i> , 2003, 10, 394-400.	0.5	21
18	A corrected mixture law for B/A. <i>Journal of the Acoustical Society of America</i> , 1991, 89, 446-447.	0.5	20

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19	Therapeutic cardiac ultrasound. American Journal of Cardiology, 1991, 67, 422-424.	0.7	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.	0.7	17
21	Measurement of pressure and assessment of cavitation for a 22.5kHz intra-arterial angioplasty device. Journal of the Acoustical Society of America, 1996, 100, 1855-1864.	0.5	14
22	Applications of mixture laws for predicting the compositions of tissue phantoms. Ultrasound in Medicine and Biology, 1991, 17, 829-838.	0.7	9
23	Gas in gallstones: Quantitative determinations and possible effects on fragmentation by shock waves. Gastroenterology, 1991, 101, 1628-1634.	0.6	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