

Nader Saffari

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

390
citations

1307594

7
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

494
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Microchannelling in Dense Collagen Scaffolds by Soluble Phosphate Glass Fibers. <i>Biomacromolecules</i> , 2007, 8, 543-551.	5.4	103
2	On the destruction of microbubble ultrasound contrast agents. <i>Ultrasound in Medicine and Biology</i> , 2003, 29, 563-573.	1.5	80
3	The natural frequencies of microbubble oscillation in elastic vessels. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 2963-2972.	1.1	62
4	Investigating the significance of multiple scattering in ultrasound contrast agent particle populations. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2005, 52, 2332-2345.	3.0	60
5	Theoretical and experimental investigation of the behaviour of ultrasound contrast agent particles in whole blood. <i>Ultrasound in Medicine and Biology</i> , 2004, 30, 1495-1509.	1.5	35
6	Modelling of the acoustic field of a multi-element HIFU array scattered by human ribs. <i>Physics in Medicine and Biology</i> , 2011, 56, 5553-5581.	3.0	30
7	Forced vibrations of a bubble in a liquid-filled elastic vessel. <i>Journal of the Acoustical Society of America</i> , 2011, 130, 2700-2708.	1.1	9
8	Ultrasound elastography to determine the layered mechanical properties of articular cartilage and the importance of such structural characteristics under load. , 2009, 2009, 4262-5.		8
9	Numerical Modelling of Wave Propagation in Elastic Rectangular Block Media. <i>Journal of Computational Physics</i> , 1997, 131, 299-309.	3.8	2
10	Accelerating frequency-domain numerical methods for weakly nonlinear focused ultrasound using nested meshes. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 441-453.	1.1	1
11	10th Anglo-French Physical Acoustics Conference (AFPAC 2011). <i>Journal of Physics: Conference Series</i> , 2012, 353, 011001.	0.4	0
12	11th Anglo-French Physical Acoustics Conference (AFPAC 2012). <i>Journal of Physics: Conference Series</i> , 2013, 457, 011001.	0.4	0