

Graham P Gavin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8934953/publications.pdf>

Version: 2024-02-01

8
papers

106
citations

2258059

3
h-index

2053705

5
g-index

8
all docs

8
docs citations

8
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	High-power low-frequency ultrasound: A review of tissue dissection and ablation in medicine and surgery. <i>Journal of Materials Processing Technology</i> , 2008, 200, 38-58.	6.3	76
2	Performance characteristics of a therapeutic ultrasound wire waveguide apparatus. <i>International Journal of Mechanical Sciences</i> , 2007, 49, 298-305.	6.7	20
3	High Power, Low Frequency Ultrasound: Meniscal Tissue Interaction and Ablation Characteristics. <i>Ultrasound in Medicine and Biology</i> , 2011, 37, 556-567.	1.5	4
4	Therapeutic ultrasound angioplasty: The risk of arterial perforation. an in vitro study. , 2009, 2009, 282-5.		3
5	A Coupled Fluid-Structure Model of a Therapeutic Ultrasound Angioplasty Wire Waveguide. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2007, 1, 254-263.	0.7	2
6	A linear finite element acoustic fluid-structure model of ultrasonic angioplasty <i>in vivo</i> . <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2010, 26, 828-842.	2.1	1
7	Soft tissue cutting with ultrasonic mechanical waveguides. , 2012, , .		0
8	Increased Susceptibility of Arterial Tissue to Wire Perforation With the Application of High-Frequency Mechanical Vibrations. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 1101-1108.	4.2	0