

Rytis Jurkonis

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

185
citations

1307543

7
h-index

1125717

13
g-index

22
all docs

22
docs citations

22
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of intracranial media ultrasonic monitoring model. <i>Ultrasonics</i> , 2002, 40, 829-833.	3.9	39
2	Carotid Wall Longitudinal Motion in Ultrasound Imaging: An Expert Consensus Review. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 2605-2624.	1.5	21
3	Adjustment of Ultrasound Exposure Duration to Microbubble Sonodestruction Kinetics for Optimal Cell Sonoporation <i>In Vitro</i>. <i>Technology in Cancer Research and Treatment</i> , 2012, 11, 375-387.	1.9	18
4	Modelling of nonlinear effects and the response of ultrasound contrast micro bubbles: simulation and experiment. <i>Ultrasonics</i> , 2004, 42, 301-307.	3.9	16
5	Analysis of Metrics for Molecular Sonotransfer in Vitro. <i>Molecular Pharmaceutics</i> , 2015, 12, 3620-3627.	4.6	16
6	Microbubble Sonodestruction Rate as a Metric to Evaluate Sonoporation Efficiency. <i>Journal of Ultrasound in Medicine</i> , 2012, 31, 1993-2000.	1.7	15
7	Investigation of Microbubble Cavitation-Induced Calcein Release from Cells In Vitro. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2990-3000.	1.5	9
8	Acoustic Estimation of Resonance Frequency and Sonodestruction of SonoVue Microbubbles. <i>Archives of Acoustics</i> , 2015, 40, 293-300.	0.8	8
9	Investigation of Radiofrequency Ultrasound-Based Fibrotic Tissue Strain Imaging Method Employing Endogenous Motion. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 2315-2327.	1.7	7
10	Quantification of Endogenous Brain Tissue Displacement Imaging by Radiofrequency Ultrasound. <i>Diagnostics</i> , 2020, 10, 57.	2.6	7
11	Frequency dependence of speckle in continuous-wave ultrasound with implications for blood perfusion measurements. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2002, 49, 715-725.	3.0	5
12	Transcranial Ultrasonographic Image Analysis System for Decision Support in Parkinson Disease. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 1753-1761.	1.7	5
13	Ultrasonic Parametrization of Arterial Wall Movements in Low- and High-Risk CVD Subjects. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 465.	2.5	5
14	Ultrasonic Assessment of the Medial Temporal Lobe Tissue Displacements in Alzheimer's Disease. <i>Diagnostics</i> , 2020, 10, 452.	2.6	3
15	Development of radiofrequency ultrasound based method for elasticity characterization using low frequency endogenous motion: phantom study. <i>IFMBE Proceedings</i> , 2018, , 474-477.	0.3	3
16	Main Uncertainties in the RF Ultrasound Scanning Simulation of the Standard Ultrasound Phantoms. <i>Sensors</i> , 2021, 21, 4420.	3.8	2
17	Development of teleconsultations systems for e-health. <i>Studies in Health Technology and Informatics</i> , 2004, 105, 337-48.	0.3	2
18	Dosimetric assessment of antitumor treatment by enhanced bleomycin delivery via electroporation and sonoporation. <i>Bioelectrochemistry</i> , 2022, 146, 108153.	4.6	2

#	ARTICLE	IF	CITATIONS
19	Endogenous motion of liver correlates to the severity of portal hypertension. World Journal of Gastroenterology, 2020, 26, 5836-5848.	3.3	1
20	Simulation of Ultrasound RF Signals Backscattered from a 3D Model of Pulsating Artery Surrounded by Tissue. Diagnostics, 2022, 12, 232.	2.6	1
21	Ultrasonic mapping of endogenous motion in brain tissue. , 2019, , .		0
22	Diagnostic Ability of Radiofrequency Ultrasound in Parkinsonâ€™s Disease Compared to Conventional Transcranial Sonography and Magnetic Resonance Imaging. Diagnostics, 2020, 10, 778.	2.6	0