Yufeng Deng

List of Publications by Year in descending order

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Version: 2024-02-01

21	537	933447 10	1281871 11
papers	citations	h-index	g-index

21	21	21	722
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Radiological Society of North America/Quantitative Imaging Biomarker Alliance Shear Wave Speed Bias Quantification in Elastic and Viscoelastic Phantoms. Journal of Ultrasound in Medicine, 2021, 40, 569-581.	1.7	25
2	Quantifying the Effect of Abdominal Body Wall on In Situ Peak Rarefaction Pressure During Diagnostic Ultrasound Imaging. Ultrasound in Medicine and Biology, 2021, 47, 1548-1558.	1.5	1
3	Evaluating a Fully Automated Pulmonary Nodule Detection Approach and Its Impact on Radiologist Performance. Radiology: Artificial Intelligence, 2019, 1, e180084.	5.8	65
4	Evaluating the Benefit of Elevated Acoustic Output in Harmonic Motion Estimation in Ultrasonic Shear Wave Elasticity Imaging. Ultrasound in Medicine and Biology, 2018, 44, 303-310.	1.5	14
5	Characterization of Viscoelastic Materials Using Group Shear Wave Speeds. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 780-794.	3.0	40
6	Accounting for the Spatial Observation Window in the 2-D Fourier Transform Analysis of Shear Wave Attenuation. Ultrasound in Medicine and Biology, 2017, 43, 2500-2506.	1.5	22
7	Quantifying Image Quality Improvement Using Elevated Acoustic Output in B-Mode Harmonic Imaging. Ultrasound in Medicine and Biology, 2017, 43, 2416-2425.	1.5	25
8	Ultrasonic Shear Wave Elasticity Imaging Sequencing and Data Processing Using a Verasonics Research Scanner. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 164-176.	3.0	85
9	Comparison of SWEI methods for measuring the frequency dependent phase velocity and attenuation in viscoelastic materials. , 2017, , .		1
10	Notice of Removal: Reduced jitter in displacement estimation using the spatial coherence of backscatter. , 2017, , .		0
11	Notice of Removal: Investigating the impact of elevated acoustic output in B-mode harmonic imaging and harmonic motion tracking. , 2017, , .		0
12	Notice of Removal: Comparison of methods for measuring the frequency dependent phase velocity and attenuation in viscoelastic materials. , 2017, , .		0
13	A preliminary examination of the diagnostic value of deep learning in hip osteoarthritis. PLoS ONE, 2017, 12, e0178992.	2.5	128
14	Robust characterization of viscoelastic materials from measurements of group shear wave speeds. , 2016, , .		10
15	On System-Dependent Sources of Uncertainty and Bias in Ultrasonic Quantitative Shear-Wave Imaging. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2016, 63, 381-393.	3.0	24
16	RSNA QIBA ultrasound shear wave speed Phase II phantom study in viscoelastic media. , 2015, , .		33
17	System dependent sources of error in time-of-flight shear wave speed measurements. , 2015, , .		0
18	Quantifying the benefit of elevated acoustic output in harmonic imaging. , 2015, , .		0

#	Article	IF	Citations
19	Analyzing the Impact of Increasing Mechanical Index and Energy Deposition on Shear Wave Speed Reconstruction in Human Liver. Ultrasound in Medicine and Biology, 2015, 41, 1948-1957.	1.5	40
20	Dependence of shear wave spectral content on acoustic radiation force excitation duration and spatial beamwidth. , 2014, , .		24
21	Analyzing the impact of increasing Mechanical Index (MI) and energy deposition on shear wave speed (SWS) reconstruction in human liver. , 2014, , .		0