

# Yufeng Deng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8212113/publications.pdf>

Version: 2024-02-01

21  
papers

537  
citations

933447

10  
h-index

1281871

11  
g-index

21  
all docs

21  
docs citations

21  
times ranked

722  
citing authors

#	ARTICLE	IF	CITATIONS
1	A preliminary examination of the diagnostic value of deep learning in hip osteoarthritis. PLoS ONE, 2017, 12, e0178992.	2.5	128
2	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
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	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
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	RSNA QIBA ultrasound shear wave speed Phase II phantom study in viscoelastic media. , 2015, , .		33
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	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
9	Dependence of shear wave spectral content on acoustic radiation force excitation duration and spatial beamwidth. , 2014, , .		24
10	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
11	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
12	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
13	Robust characterization of viscoelastic materials from measurements of group shear wave speeds. , 2016, , .		10
14	Comparison of SWEI methods for measuring the frequency dependent phase velocity and attenuation in viscoelastic materials. , 2017, , .		1
15	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
16	Analyzing the impact of increasing Mechanical Index (MI) and energy deposition on shear wave speed (SWS) reconstruction in human liver. , 2014, , .		0
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	Notice of Removal: Reduced jitter in displacement estimation using the spatial coherence of backscatter. , 2017, , .		0
20	Notice of Removal: Investigating the impact of elevated acoustic output in B-mode harmonic imaging and harmonic motion tracking. , 2017, , .		0
21	Notice of Removal: Comparison of methods for measuring the frequency dependent phase velocity and attenuation in viscoelastic materials. , 2017, , .		0