

Jia-Wei Lu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

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all docs

20
docs citations

20
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Kalman Filter-Based Microbubble Tracking for Robust Super-Resolution Ultrasound Microvessel Imaging. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 1738-1751.	3.0	70
2	Short Acquisition Time Super-Resolution Ultrasound Microvessel Imaging via Microbubble Separation. Scientific Reports, 2020, 10, 6007.	3.3	67
3	Super-resolution ultrasound localization microscopy based on a high frame-rate clinical ultrasound scanner: an in-human feasibility study. Physics in Medicine and Biology, 2021, 66, 08NT01.	3.0	61
4	Real time SVD-based clutter filtering using randomized singular value decomposition and spatial downsampling for micro-vessel imaging on a Verasonics ultrasound system. Ultrasonics, 2020, 107, 106163.	3.9	38
5	Fast super-resolution ultrasound microvessel imaging using spatiotemporal data with deep fully convolutional neural network. Physics in Medicine and Biology, 2021, 66, 075005.	3.0	20
6	Simultaneous Noise Suppression and Incoherent Artifact Reduction in Ultrafast Ultrasound Vascular Imaging. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 2075-2085.	3.0	19
7	Changes in spinal cord hemodynamics reflect modulation of spinal network with different parameters of epidural stimulation. NeuroImage, 2020, 221, 117183.	4.2	16
8	Ultrasensitive Ultrasound Microvessel Imaging for Characterizing Benign and Malignant Breast Tumors. Ultrasound in Medicine and Biology, 2019, 45, 3128-3136.	1.5	14
9	A Nonrecursive Digital Calibration Technique for Joint Elimination of Transmitter and Receiver I/Q Imbalances With Minimized Add-On Hardware. IEEE Transactions on Circuits and Systems II: Express Briefs, 2013, 60, 462-466.	3.0	12
10	Microbeamforming With Error Compensation. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 1153-1165.	3.0	10
11	Ultrasound Attenuation Estimation in Harmonic Imaging for Robust Fatty Liver Detection. Ultrasound in Medicine and Biology, 2020, 46, 3080-3087.	1.5	10
12	Lossless Data Compression for Improving the Performance of a GPU-Based Beamformer. Ultrasonic Imaging, 2015, 37, 135-151.	2.6	8
13	Improved Ultrasound Microvessel Imaging Using Deconvolution with Total Variation Regularization. Ultrasound in Medicine and Biology, 2021, 47, 1089-1098.	1.5	6
14	Quantitative Shear Wave Speed Assessment for Muscles With the Diagnosis of Taut Bands and/or Myofascial Trigger Points Using Probe Oscillation Shear Wave Elastography: A Pilot Study. Journal of Ultrasound in Medicine, 2022, 41, 845-854.	1.7	6
15	Liraglutide reduces attenuation coefficient as a measure of hepatic steatosis during 16 weeks' treatment in nondiabetic obese patients: A pilot trial. JGH Open, 2021, 5, 193-198.	1.6	6
16	Quantitative Inflammation Assessment for Crohn Disease Using Ultrasensitive Ultrasound Microvessel Imaging. Journal of Ultrasound in Medicine, 2020, 39, 1819-1827.	1.7	4
17	Noise Suppression for Ultrasound Attenuation Coefficient Estimation Based on Spectrum Normalization. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 2667-2674.	3.0	4
18	Three-dimensional Super-Resolution Ultrasound Microvessel Imaging with Bipartite Graph-based Microbubble Tracking using a Verasonics 256-channel Ultrasound System. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	Analysis of small bowel angioectasia in asymptomatic individuals depending on patients' age and gender. Scandinavian Journal of Gastroenterology, 2019, 54, 1364-1369.	1.5	1
20	Reverberation clutter signal suppression in ultrasound attenuation estimation using wavelet-based robust principal component analysis. Physics in Medicine and Biology, 2022, , .	3.0	0