

Michael P Andre

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,208
citations

567247

15
h-index

752679

20
g-index

27
all docs

27
docs citations

27
times ranked

1369
citing authors

#	ARTICLE	IF	CITATIONS
1	Noninvasive Diagnosis of Nonalcoholic Fatty Liver Disease and Quantification of Liver Fat Using a New Quantitative Ultrasound Technique. <i>Clinical Gastroenterology and Hepatology</i> , 2015, 13, 1337-1345.e6.	4.4	200
2	Breast mass classification in sonography with transfer learning using a deep convolutional neural network and color conversion. <i>Medical Physics</i> , 2019, 46, 746-755.	3.0	169
3	Magnetic resonance elastography is superior to acoustic radiation force impulse for the Diagnosis of fibrosis in patients with biopsy-proven nonalcoholic fatty liver disease: A prospective study. <i>Hepatology</i> , 2016, 63, 453-461.	7.3	168
4	Breast mass segmentation in ultrasound with selective kernel U-Net convolutional neural network. <i>Biomedical Signal Processing and Control</i> , 2020, 61, 102027.	5.7	122
5	A Pilot Comparative Study of Quantitative Ultrasound, Conventional Ultrasound, and MRI for Predicting Histology-Determined Steatosis Grade in Adult Nonalcoholic Fatty Liver Disease. <i>American Journal of Roentgenology</i> , 2017, 208, W168-W177.	2.2	113
6	Noninvasive Diagnosis of Nonalcoholic Fatty Liver Disease and Quantification of Liver Fat with Radiofrequency Ultrasound Data Using One-dimensional Convolutional Neural Networks. <i>Radiology</i> , 2020, 295, 342-350.	7.3	79
7	Assessment of Hepatic Steatosis in Nonalcoholic Fatty Liver Disease by Using Quantitative US. <i>Radiology</i> , 2020, 295, 106-113.	7.3	57
8	Liver fibrosis imaging: A clinical review of ultrasound and magnetic resonance elastography. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 25-42.	3.4	53
9	Repeatability and Reproducibility of the Ultrasonic Attenuation Coefficient and Backscatter Coefficient Measured in the Right Lobe of the Liver in Adults With Known or Suspected Nonalcoholic Fatty Liver Disease. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 1913-1927.	1.7	43
10	Repeatability and Reproducibility of a Clinically Based QUS Phantom Study and Methodologies. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2017, 64, 218-231.	3.0	31
11	Inter-sonographer reproducibility of quantitative ultrasound outcomes and shear wave speed measured in the right lobe of the liver in adults with known or suspected non-alcoholic fatty liver disease. <i>European Radiology</i> , 2018, 28, 4992-5000.	4.5	29
12	Inter-platform reproducibility of ultrasonic attenuation and backscatter coefficients in assessing NAFLD. <i>European Radiology</i> , 2019, 29, 4699-4708.	4.5	26
13	Liver Fat Assessment in Multiview Sonography Using Transfer Learning With Convolutional Neural Networks. <i>Journal of Ultrasound in Medicine</i> , 2022, 41, 175-184.	1.7	22
14	Comparative diagnostic performance of ultrasound shear wave elastography and magnetic resonance elastography for classifying fibrosis stage in adults with biopsy-proven nonalcoholic fatty liver disease. <i>European Radiology</i> , 2022, 32, 2457-2469.	4.5	19
15	Accurate diagnosis of nonalcoholic fatty liver disease in human participants via quantitative ultrasound. , 2014, , .		16
16	Reader agreement and accuracy of ultrasound features for hepatic steatosis. <i>Abdominal Radiology</i> , 2019, 44, 54-64.	2.1	16
17	Quantitative Ultrasound and B-Mode Image Texture Features Correlate with Collagen and Myelin Content in Human Ulnar Nerve Fascicles. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 1830-1840.	1.5	14
18	Direct Comparison of Quantitative US versus Controlled Attenuation Parameter for Liver Fat Assessment Using MRI Proton Density Fat Fraction as the Reference Standard in Patients Suspected of Having NAFLD. <i>Radiology</i> , 2022, , 211131.	7.3	12

#	ARTICLE	IF	CITATIONS
19	Analysis of Two Quantitative Ultrasound Approaches. Ultrasonic Imaging, 2018, 40, 84-96.	2.6	9
20	Improved Assessment of Hepatic Steatosis in Humans Using Multi-Parametric Quantitative Ultrasound. , 2019, , .		4
21	Liver Fat Droplet Dependency on Ultrasound Backscatter Coefficient in Nonalcoholic Fatty Liver. , 2020, , .		2
22	Comparison of quantitative ultrasound parameters for fat content liver detection and monitoring. , 2017, , .		0
23	Comparison of quantitative ultrasound parameters for fat content liver detection and monitoring. , 2017, , .		0