Michael P Andre

List of Publications by Year
in descending order

23 papers	1,208 citations	643344 15 h-index	843174 20 g-index
27 all docs	27 docs citations	27 times ranked	1495 citing authors

#	Article	IF	Citations
1	Liver Fat Assessment in Multiview Sonography Using Transfer Learning With Convolutional Neural Networks. Journal of Ultrasound in Medicine, 2022, 41, 175-184.	0.8	22
2	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. European Radiology, 2022, 32, 2457-2469.	2.3	19
3	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. Radiology, 2022, , 211131.	3.6	12
4	Liver fibrosis imaging: A clinical review of ultrasound and magnetic resonance elastography. Journal of Magnetic Resonance Imaging, 2020, 51, 25-42.	1.9	53
5	Breast mass segmentation in ultrasound with selective kernel U-Net convolutional neural network. Biomedical Signal Processing and Control, 2020, 61, 102027.	3.5	122
6	Noninvasive Diagnosis of Nonalcoholic Fatty Liver Disease and Quantification of Liver Fat with Radiofrequency Ultrasound Data Using One-dimensional Convolutional Neural Networks. Radiology, 2020, 295, 342-350.	3.6	79
7	Assessment of Hepatic Steatosis in Nonalcoholic Fatty Liver Disease by Using Quantitative US. Radiology, 2020, 295, 106-113.	3.6	57
8	Liver Fat Droplet Dependency on Ultrasound Backscatter Coefficient in Nonalcoholic Fatty Liver. , 2020, , .		2
9	Reader agreement and accuracy of ultrasound features for hepatic steatosis. Abdominal Radiology, 2019, 44, 54-64.	1.0	16
10	Quantitative Ultrasound and B-Mode Image Texture Features Correlate with Collagen and Myelin Content in Human Ulnar Nerve Fascicles. Ultrasound in Medicine and Biology, 2019, 45, 1830-1840.	0.7	14
11	Inter-platform reproducibility of ultrasonic attenuation and backscatter coefficients in assessing NAFLD. European Radiology, 2019, 29, 4699-4708.	2.3	26
12	Improved Assessment of Hepatic Steatosis in Humans Using Multi-Parametric Quantitative Ultrasound. , 2019, , .		4
13	Breast mass classification in sonography with transfer learning using a deep convolutional neural network and color conversion. Medical Physics, 2019, 46, 746-755.	1.6	169
14	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. Journal of Ultrasound in Medicine, 2018, 37, 1913-1927.	0.8	43
15	Analysis of Two Quantitative Ultrasound Approaches. Ultrasonic Imaging, 2018, 40, 84-96.	1.4	9
16	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. European Radiology, 2018, 28, 4992-5000.	2.3	29
17	A Pilot Comparative Study of Quantitative Ultrasound, Conventional Ultrasound, and MRI for Predicting Histology-Determined Steatosis Grade in Adult Nonalcoholic Fatty Liver Disease. American Journal of Roentgenology, 2017, 208, W168-W177.	1.0	113
18	Repeatability and Reproducibility of a Clinically Based QUS Phantom Study and Methodologies. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 218-231.	1.7	31

#	Article	IF	Citations
19	Comparison of quantitative ultrasound parameters for fat content liver detection and monitoring. , 2017, , .		0
20	Comparison of quantitative ultrasound parameters for fat content liver detection and monitoring. , 2017, , .		0
21	Magnetic resonance elastography is superior to acoustic radiation force impulse for the Diagnosis of fibrosis in patients with biopsyâ€proven nonalcoholic fatty liver disease: A prospective study. Hepatology, 2016, 63, 453-461.	3.6	168
22	Noninvasive Diagnosis of Nonalcoholic Fatty Liver Disease andÂQuantification of Liver Fat Using a New Quantitative Ultrasound Technique. Clinical Gastroenterology and Hepatology, 2015, 13, 1337-1345.e6.	2.4	200
23	Accurate diagnosis of nonalcoholic fatty liver disease in human participants via quantitative ultrasound. , 2014, , .		16