Jun Chen

List of Publications by Year
in descending order

46 papers	2,827 citations	304743 22 h-index	265206 42 g-index
46 all docs	46 docs citations	46 times ranked	3002 citing authors

#	Article	IF	Citations
1	Diagnostic Performance of Magnetic Resonance Elastography in Staging Liver Fibrosis: A Systematic Review and Meta-analysis of Individual Participant Data. Clinical Gastroenterology and Hepatology, 2015, 13, 440-451.e6.	4.4	427
2	Early Detection of Nonalcoholic Steatohepatitis in Patients with Nonalcoholic Fatty Liver Disease by Using MR Elastography. Radiology, 2011, 259, 749-756.	7.3	372
3	Magnetic Resonance vs Transient Elastography Analysis of Patients With Nonalcoholic Fatty Liver Disease: A Systematic Review and Pooled Analysis of Individual Participants. Clinical Gastroenterology and Hepatology, 2019, 17, 630-637.e8.	4.4	254
4	Hepatic MR Elastography: Clinical Performance in a Series of 1377 Consecutive Examinations. Radiology, 2016, 278, 114-124.	7.3	228
5	Magnetic resonance elastography for staging liver fibrosis in non-alcoholic fatty liver disease: a diagnostic accuracy systematic review and individual participant data pooled analysis. European Radiology, 2016, 26, 1431-1440.	4.5	195
6	Diagnostic Performance of MR Elastography and Vibration-controlled Transient Elastography in the Detection of Hepatic Fibrosis in Patients with Severe to Morbid Obesity. Radiology, 2017, 283, 418-428.	7.3	140
7	Measuring the Characteristic Topography of Brain Stiffness with Magnetic Resonance Elastography. PLoS ONE, 2013, 8, e81668.	2.5	125
8	Testâ€“retest repeatability of MR elastography for noninvasive liver fibrosis assessment in hepatitis C. Journal of Magnetic Resonance Imaging, 2011, 34, 947-955.	3.4	118
9	Dynamic Postprandial Hepatic Stiffness Augmentation Assessed With MR Elastography in Patients With Chronic Liver Disease. American Journal of Roentgenology, 2011, 197, 64-70.	2.2	110
10	MR Elastography in Renal Transplant Patients and Correlation with Renal Allograft Biopsy. Academic Radiology, 2012, 19, 834-841.	2.5	87
11	Abdominal Magnetic Resonance Elastography. Topics in Magnetic Resonance Imaging, 2009, 20, 79-87.	1.2	69
12	Crossâ€validation of magnetic resonance elastography and ultrasoundâ€based transient elastography: A preliminary phantom study. Journal of Magnetic Resonance Imaging, 2009, 30, 1145-1150.	3.4	67
13	The Role of Threeâ€Dimensional Magnetic Resonance Elastography in the Diagnosis of Nonalcoholic Steatohepatitis in Obese Patients Undergoing Bariatric Surgery. Hepatology, 2020, 71, 510-521.	7.3	65
14	Automated liver stiffness measurements with magnetic resonance elastography. Journal of Magnetic Resonance Imaging, 2013, 38, 371-379.	3.4	52
15	3D MR Elastography of Hepatocellular Carcinomas as a Potential Biomarker for Predicting Tumor Recurrence. Journal of Magnetic Resonance Imaging, 2019, 49, 719-730.	3.4	48
16	MR elastography derived shear stiffness-a new imaging biomarker for the assessment of early tumor response to chemotherapy. Magnetic Resonance in Medicine, 2014, 71, 1834-1840.	3.0	47
17	Association Between Obesity and Discordance in Fibrosis Stage Determination by Magnetic Resonance vs Transient Elastography in Patients With Nonalcoholic Liver Disease. Clinical Gastroenterology and Hepatology, 2018, 16, 1974-1982.e7.	4.4	46
18	Magnetic resonance elastography of uterine leiomyomas: a feasibility study. Fertility and Sterility, 2011, 95, 281-284.	1.0	33

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19	A radiomics-based model on non-contrast CT for predicting cirrhosis: make the most of image data. Biomarker Research, 2020, 8, 47.	6.8	29
20	Assessment of advanced hepatic MR elastography methods for susceptibility artifact suppression in clinical patients. Journal of Magnetic Resonance Imaging, 2018, 47, 976-987.	3.4	28
21	Noninvasive Assessment of Liver Fibrosis Using Ultrasoundâ€Based Shear Wave Measurement and Comparison to Magnetic Resonance Elastography. Journal of Ultrasound in Medicine, 2014, 33, 1597-1604.	1.7	25
22	Uterine fibroids: correlations between MRI appearance and stiffness via magnetic resonance elastography. Abdominal Radiology, 2018, 43, 1456-1463.	2.1	23
23	Assessment of in vivo laser ablation using MR elastography with an inertial driver. Magnetic Resonance in Medicine, 2014, 72, 59-67.	3.0	22
24	Assessment of stiffness changes in the ex vivo porcine aortic wall using magnetic resonance elastography. Magnetic Resonance Imaging, 2012, 30, 122-127.	1.8	20
25	MR Elastography of the Breast: Evolution of Technique, Case Examples, and Future Directions. Clinical Breast Cancer, 2021, 21, e102-e111.	2.4	20
26	Feasibility of MR elastography of the intervertebral disc. Magnetic Resonance Imaging, 2017, 39, 132-137.	1.8	17
27	Radiomics analysis of contrast-enhanced CT for staging liver fibrosis: an update for image biomarker. Hepatology International, 2022, 16, 627-639.	4.2	17
28	MR elastography of liver disease: State of the art. , 0, , 5-12.		17
29	MR elastography of the human abdominal aorta: A preliminary study. Journal of Magnetic Resonance Imaging, 2013, 38, 1549-1553.	3.4	16
30	Using MR elastography to assess portal hypertension and response to betaâ€blockers in patients with cirrhosis. Liver International, 2021, 41, 2149-2158.	3.9	15
31	Vibration imaging for localization of functional compartments of the extrinsic flexor muscles of the hand. Journal of Magnetic Resonance Imaging, 2010, 31, 1395-1401.	3.4	13
32	MR Elastography of Liver Disease: State of the Art. Applied Radiology, 2013, 42, 5-12.	0.1	13
33	Liver stiffness measurement by magnetic resonance elastography is not affected by hepatic steatosis. European Radiology, 2022, 32, 950-958.	4.5	11
34	MR Elastography-Based Shear Strain Mapping for Assessment of Microvascular Invasion in Hepatocellular Carcinoma. European Radiology, 2022, 32, 5024-5032.	4.5	11
35	Quantification of regional aortic stiffness using MR elastography: A phantom and ex-vivo porcine aorta study. Magnetic Resonance Imaging, 2016, 34, 91-96.	1.8	7
36	Soluble CD163 Identifies Those at Risk for Increased Hepatic Inflammation & Fibrosis. Open Forum Infectious Diseases, 2021, 8, ofab203.	0.9	7

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37	Static and dynamic liver stiffness: An ex vivo porcine liver study using MR elastography. Magnetic Resonance Imaging, 2017, 44, 92-95.	1.8	7
38	Magnetic resonance elastography biomarkers for detection of histologic alterations in nonalcoholic fatty liver disease in the absence of fibrosis. European Radiology, 2021, 31, 8408-8419.	4.5	6
39	Postprandial hepatic stiffness changes on magnetic resonance elastography in healthy volunteers. Scientific Reports, 2021, 11, 19786.	3.3	6
40	PNPLA3 Single Nucleotide Polymorphism Prevalence and Association with Liver Disease in a Diverse Cohort of Persons Living with HIV. Biology, 2021, 10, 242.	2.8	3
41	Diagnostic accuracy of 3D magnetic resonance elastography for assessing histologic grade of hepatocellular carcinoma: comparison of three methods for positioning region of interest. Abdominal Radiology, 2021, 46, 4601-4609.	2.1	3
42	Imaging mechanical shear waves induced by piezoelectric ceramics in magnetic resonance elastography. Science Bulletin, 2006, 51, 755-760.	1.7	2
43	Stable automated segmentation of liver MR elastography images for clinical stiffness measurement. Proceedings of SPIE, 2013, 8672, .	0.8	2
44	Comparison of shear velocity dispersion in viscoelastic phantoms measured by ultrasound-based shear wave elastography and magnetic resonance elastography. , 2017, , .		2
45	Magnetic Resonance Elastrography of Other Organs. , 2014, , 119-133.		2
46	Diagnostic Performance of Magnetic Resonance Elastography for the Staging of Liver Fibrosis: A Systematic Review and Collaborative Individual Participant Data Meta-Analysis. American Journal of Gastroenterology, 2014, 109, S144.	0.4	0