

Jun Chen

List of Publications by Year in descending order

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46
papers

2,827
citations

304743

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265206

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docs citations

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times ranked

3002
citing authors

#	ARTICLE	IF	CITATIONS
1	Liver stiffness measurement by magnetic resonance elastography is not affected by hepatic steatosis. <i>European Radiology</i> , 2022, 32, 950-958.	4.5	11
2	MR Elastography-Based Shear Strain Mapping for Assessment of Microvascular Invasion in Hepatocellular Carcinoma. <i>European Radiology</i> , 2022, 32, 5024-5032.	4.5	11
3	Radiomics analysis of contrast-enhanced CT for staging liver fibrosis: an update for image biomarker. <i>Hepatology International</i> , 2022, 16, 627-639.	4.2	17
4	MR Elastography of the Breast: Evolution of Technique, Case Examples, and Future Directions. <i>Clinical Breast Cancer</i> , 2021, 21, e102-e111.	2.4	20
5	PNPLA3 Single Nucleotide Polymorphism Prevalence and Association with Liver Disease in a Diverse Cohort of Persons Living with HIV. <i>Biology</i> , 2021, 10, 242.	2.8	3
6	Magnetic resonance elastography biomarkers for detection of histologic alterations in nonalcoholic fatty liver disease in the absence of fibrosis. <i>European Radiology</i> , 2021, 31, 8408-8419.	4.5	6
7	Soluble CD163 Identifies Those at Risk for Increased Hepatic Inflammation & Fibrosis. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab203.	0.9	7
8	Diagnostic accuracy of 3D magnetic resonance elastography for assessing histologic grade of hepatocellular carcinoma: comparison of three methods for positioning region of interest. <i>Abdominal Radiology</i> , 2021, 46, 4601-4609.	2.1	3
9	Using MR elastography to assess portal hypertension and response to beta-blockers in patients with cirrhosis. <i>Liver International</i> , 2021, 41, 2149-2158.	3.9	15
10	Postprandial hepatic stiffness changes on magnetic resonance elastography in healthy volunteers. <i>Scientific Reports</i> , 2021, 11, 19786.	3.3	6
11	The Role of Three-Dimensional Magnetic Resonance Elastography in the Diagnosis of Nonalcoholic Steatohepatitis in Obese Patients Undergoing Bariatric Surgery. <i>Hepatology</i> , 2020, 71, 510-521.	7.3	65
12	A radiomics-based model on non-contrast CT for predicting cirrhosis: make the most of image data. <i>Biomarker Research</i> , 2020, 8, 47.	6.8	29
13	Magnetic Resonance vs Transient Elastography Analysis of Patients With Nonalcoholic Fatty Liver Disease: A Systematic Review and Pooled Analysis of Individual Participants. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 630-637.e8.	4.4	254
14	3D MR Elastography of Hepatocellular Carcinomas as a Potential Biomarker for Predicting Tumor Recurrence. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 719-730.	3.4	48
15	Association Between Obesity and Discordance in Fibrosis Stage Determination by Magnetic Resonance vs Transient Elastography in Patients With Nonalcoholic Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 1974-1982.e7.	4.4	46
16	Uterine fibroids: correlations between MRI appearance and stiffness via magnetic resonance elastography. <i>Abdominal Radiology</i> , 2018, 43, 1456-1463.	2.1	23
17	Assessment of advanced hepatic MR elastography methods for susceptibility artifact suppression in clinical patients. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 976-987.	3.4	28
18	Feasibility of MR elastography of the intervertebral disc. <i>Magnetic Resonance Imaging</i> , 2017, 39, 132-137.	1.8	17

#	ARTICLE	IF	CITATIONS
19	Diagnostic Performance of MR Elastography and Vibration-controlled Transient Elastography in the Detection of Hepatic Fibrosis in Patients with Severe to Morbid Obesity. <i>Radiology</i> , 2017, 283, 418-428.	7.3	140
20	Comparison of shear velocity dispersion in viscoelastic phantoms measured by ultrasound-based shear wave elastography and magnetic resonance elastography. , 2017, .		2
21	Static and dynamic liver stiffness: An ex vivo porcine liver study using MR elastography. <i>Magnetic Resonance Imaging</i> , 2017, 44, 92-95.	1.8	7
22	Quantification of regional aortic stiffness using MR elastography: A phantom and ex-vivo porcine aorta study. <i>Magnetic Resonance Imaging</i> , 2016, 34, 91-96.	1.8	7
23	Magnetic resonance elastography for staging liver fibrosis in non-alcoholic fatty liver disease: a diagnostic accuracy systematic review and individual participant data pooled analysis. <i>European Radiology</i> , 2016, 26, 1431-1440.	4.5	195
24	Hepatic MR Elastography: Clinical Performance in a Series of 1377 Consecutive Examinations. <i>Radiology</i> , 2016, 278, 114-124.	7.3	228
25	Diagnostic Performance of Magnetic Resonance Elastography in Staging Liver Fibrosis: A Systematic Review and Meta-analysis of Individual Participant Data. <i>Clinical Gastroenterology and Hepatology</i> , 2015, 13, 440-451.e6.	4.4	427
26	Assessment of in vivo laser ablation using MR elastography with an inertial driver. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 59-67.	3.0	22
27	MR elastography derived shear stiffness-a new imaging biomarker for the assessment of early tumor response to chemotherapy. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1834-1840.	3.0	47
28	Noninvasive Assessment of Liver Fibrosis Using Ultrasound-Based Shear Wave Measurement and Comparison to Magnetic Resonance Elastography. <i>Journal of Ultrasound in Medicine</i> , 2014, 33, 1597-1604.	1.7	25
29	Magnetic Resonance Elastography of Other Organs. , 2014, , 119-133.		2
30	Diagnostic Performance of Magnetic Resonance Elastography for the Staging of Liver Fibrosis: A Systematic Review and Collaborative Individual Participant Data Meta-Analysis. <i>American Journal of Gastroenterology</i> , 2014, 109, S144.	0.4	0
31	Stable automated segmentation of liver MR elastography images for clinical stiffness measurement. <i>Proceedings of SPIE</i> , 2013, 8672, .	0.8	2
32	MR elastography of the human abdominal aorta: A preliminary study. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1549-1553.	3.4	16
33	Automated liver stiffness measurements with magnetic resonance elastography. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 371-379.	3.4	52
34	Measuring the Characteristic Topography of Brain Stiffness with Magnetic Resonance Elastography. <i>PLoS ONE</i> , 2013, 8, e81668.	2.5	125
35	MR Elastography of Liver Disease: State of the Art. <i>Applied Radiology</i> , 2013, 42, 5-12.	0.1	13
36	MR Elastography in Renal Transplant Patients and Correlation with Renal Allograft Biopsy. <i>Academic Radiology</i> , 2012, 19, 834-841.	2.5	87

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37	Assessment of stiffness changes in the ex vivo porcine aortic wall using magnetic resonance elastography. <i>Magnetic Resonance Imaging</i> , 2012, 30, 122-127.	1.8	20
38	Magnetic resonance elastography of uterine leiomyomas: a feasibility study. <i>Fertility and Sterility</i> , 2011, 95, 281-284.	1.0	33
39	Test-retest repeatability of MR elastography for noninvasive liver fibrosis assessment in hepatitis C. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 947-955.	3.4	118
40	Early Detection of Nonalcoholic Steatohepatitis in Patients with Nonalcoholic Fatty Liver Disease by Using MR Elastography. <i>Radiology</i> , 2011, 259, 749-756.	7.3	372
41	Dynamic Postprandial Hepatic Stiffness Augmentation Assessed With MR Elastography in Patients With Chronic Liver Disease. <i>American Journal of Roentgenology</i> , 2011, 197, 64-70.	2.2	110
42	Vibration imaging for localization of functional compartments of the extrinsic flexor muscles of the hand. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 1395-1401.	3.4	13
43	Cross-validation of magnetic resonance elastography and ultrasound-based transient elastography: A preliminary phantom study. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 1145-1150.	3.4	67
44	Abdominal Magnetic Resonance Elastography. <i>Topics in Magnetic Resonance Imaging</i> , 2009, 20, 79-87.	1.2	69
45	Imaging mechanical shear waves induced by piezoelectric ceramics in magnetic resonance elastography. <i>Science Bulletin</i> , 2006, 51, 755-760.	1.7	2
46	MR elastography of liver disease: State of the art. , 0, , 5-12.		17