

Richard L Ehman

List of Publications by Year in descending order

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328
papers

21,945
citations

5896

81
h-index

11939

134
g-index

335
all docs

335
docs citations

335
times ranked

12197
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal Changes in MR Elastographyâ€‘based Biomarkers in Obese Patients Treated with Bariatric Surgery. <i>Clinical Gastroenterology and Hepatology</i> , 2023, 21, 220-222.e3.	4.4	5
2	Change in serial liver stiffness measurement by magnetic resonance elastography and outcomes in NAFLD. <i>Hepatology</i> , 2023, 77, 268-274.	7.3	16
3	Liver stiffness measurement by magnetic resonance elastography is not affected by hepatic steatosis. <i>European Radiology</i> , 2022, 32, 950-958.	4.5	11
4	Magnetic resonance elastography for prediction of longâ€‘term progression and outcome in chronic liver disease: A retrospective study. <i>Hepatology</i> , 2022, 75, 379-390.	7.3	26
5	Regional Brain Stiffness Analysis of Dementia with Lewy Bodies. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 1907-1909.	3.4	0
6	Magnetic resonance elastography of the prostate in patients with lower urinary tract symptoms: feasibility of the modified driver at high multi-frequencies. <i>Abdominal Radiology</i> , 2022, 47, 399-408.	2.1	1
7	Increased serum miR-193a-5p during non-alcoholic fatty liver disease progression: Diagnostic and mechanistic relevance. <i>JHEP Reports</i> , 2022, 4, 100409.	4.9	20
8	Evaluation of a <scp>PEGylated</scp> Fibroblast Growth Factor 21 Variant Using Novel Preclinical Magnetic Resonance Imaging and Magnetic Resonance Elastography in a Mouse Model of Nonalcoholic Steatohepatitis. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 712-724.	3.4	4
9	Cocaeethylene, simultaneous alcohol and cocaine use, and liver fibrosis in people living with and without HIV. <i>Drug and Alcohol Dependence</i> , 2022, 232, 109273.	3.2	5
10	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
11	MR elastography in nonalcoholic fatty liver disease: inter-center and inter-analysis-method measurement reproducibility and accuracy at 3T. <i>European Radiology</i> , 2022, 32, 2937-2948.	4.5	12
12	Influence of liver stiffness heterogeneity on staging fibrosis in patients with nonalcoholic fatty liver disease. <i>Hepatology</i> , 2022, 76, 186-195.	7.3	9
13	Impact of material homogeneity assumption on cortical stiffness estimates by <scp>MR</scp> elastography. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 916-929.	3.0	7
14	Association of breast cancer risk, density, and stiffness: global tissue stiffness on breast MR elastography (MRE). <i>Breast Cancer Research and Treatment</i> , 2022, 194, 79-89.	2.5	9
15	MR elastography as a biomarker for prediction of early and late recurrence in HBV-related hepatocellular carcinoma patients before hepatectomy. <i>European Journal of Radiology</i> , 2022, 152, 110340.	2.6	10
16	Magnetic resonance elastography: from invention to standard of care. <i>Abdominal Radiology</i> , 2022, 47, 3028-3036.	2.1	8
17	Liver Stiffness by Magnetic Resonance Elastography Predicts Future Cirrhosis, Decompensation, and Death in NAFLD. <i>Clinical Gastroenterology and Hepatology</i> , 2021, 19, 1915-1924.e6.	4.4	57
18	TURBINEâ€‘MRE: A 3D hybrid radialâ€‘Cartesian EPI acquisition for MR elastography. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 945-952.	3.0	12

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19	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
20	MR elastography: Principles, guidelines, and terminology. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2377-2390.	3.0	100
21	Quantitative assessment of portal hypertension with bi-parametric dual-frequency hepatic MR elastography in mouse models. <i>European Radiology</i> , 2021, 31, 2303-2311.	4.5	3
22	Magnetic resonance elastography for arterial wall characterization. , 2021, , 491-515.		1
23	Food insecurity is associated with magnetic resonance-determined nonalcoholic fatty liver and liver fibrosis in low-income, middle-aged adults with and without HIV. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 593-601.	4.7	19
24	Radiological Society of North America/Quantitative Imaging Biomarker Alliance Shear Wave Speed Bias Quantification in Elastic and Viscoelastic Phantoms. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 569-581.	1.7	25
25	Automated Analysis of Multiparametric Magnetic Resonance Imaging/Magnetic Resonance Elastography Exams for Prediction of Nonalcoholic Steatohepatitis. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 122-131.	3.4	16
26	Evaluation of MR elastography for prediction of lymph node metastasis in prostate cancer. <i>Abdominal Radiology</i> , 2021, 46, 3387-3400.	2.1	12
27	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
28	Harnessing brain waves: a review of brain magnetic resonance elastography for clinicians and scientists entering the field. <i>British Journal of Radiology</i> , 2021, 94, 20200265.	2.2	19
29	Heroin use is associated with liver fibrosis in the Miami Adult Studies on HIV (MASH) cohort. <i>Drug and Alcohol Dependence</i> , 2021, 220, 108531.	3.2	11
30	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
31	Soluble CD163 Identifies Those at Risk for Increased Hepatic Inflammation & Fibrosis. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab203.	0.9	7
32	A new method for quantification and 3D visualization of brain tumor adhesion using slip interface imaging in patients with meningiomas. <i>European Radiology</i> , 2021, 31, 5554-5564.	4.5	7
33	Comparison of the diagnostic performance of 2D and 3D MR elastography in staging liver fibrosis. <i>European Radiology</i> , 2021, 31, 9468-9478.	4.5	13
34	Quantitative magnetic resonance imaging for chronic liver disease. <i>British Journal of Radiology</i> , 2021, 94, 20201377.	2.2	12
35	Relationship between Shear Stiffness Measured by MR Elastography and Perfusion Metrics Measured by Perfusion CT of Meningiomas. <i>American Journal of Neuroradiology</i> , 2021, 42, 1216-1222.	2.4	7
36	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

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37	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
38	Fast 3D MR elastography of the whole brain using spiral staircase: Data acquisition, image reconstruction, and joint deblurring. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2011-2024.	3.0	11
39	Tumor stiffness measured by 3D magnetic resonance elastography can help predict the aggressiveness of endometrial carcinoma: preliminary findings. <i>Cancer Imaging</i> , 2021, 21, 50.	2.8	7
40	Evaluation of Pretreatment Magnetic Resonance Elastography for the Prediction of Radiation-Induced Liver Disease. <i>Advances in Radiation Oncology</i> , 2021, 6, 100793.	1.2	1
41	Multiparametric magnetic resonance imaging/magnetic resonance elastography assesses progression and regression of steatosis, inflammation, and fibrosis in alcohol-associated liver disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 2103-2117.	2.4	3
42	Diagnostic accuracy of elastography and magnetic resonance imaging in patients with NAFLD: A systematic review and meta-analysis. <i>Journal of Hepatology</i> , 2021, 75, 770-785.	3.7	149
43	MR Elastography. , 2021, , 1759-1774.		0
44	Postprandial hepatic stiffness changes on magnetic resonance elastography in healthy volunteers. <i>Scientific Reports</i> , 2021, 11, 19786.	3.3	6
45	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
46	The Role of Magnetic Resonance Elastography in the Diagnosis of Noncirrhotic Portal Hypertension. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 3051-3053.e2.	4.4	14
47	Normal range for MR elastography measured liver stiffness in children without liver disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 919-927.	3.4	23
48	Influence of Age on Global and Regional Brain Stiffness in Young and Middle-Aged Adults. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 727-733.	3.4	34
49	Validation and Refinement of Noninvasive Methods to Assess Hepatic Fibrosis: Magnetic Resonance Elastography Versus Enhanced Liver Fibrosis Index. <i>Digestive Diseases and Sciences</i> , 2020, 65, 1252-1257.	2.3	7
50	Multiparametric Magnetic Resonance Elastography Improves the Detection of NASH Regression Following Bariatric Surgery. <i>Hepatology Communications</i> , 2020, 4, 185-192.	4.3	26
51	re: Comparison of Technical Failure of MR Elastography for Measuring Liver Stiffness Between Gradient-Recalled Echo and Spin-Echo Echo-Planar Imaging: A Systematic Review and Meta-Analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1103-1104.	3.4	2
52	Value of liver iron concentration in healthy volunteers assessed by MRI. <i>Scientific Reports</i> , 2020, 10, 17887.	3.3	15
53	Identification of Normal Pressure Hydrocephalus by Disease-Specific Patterns of Brain Stiffness and Damping Ratio. <i>Investigative Radiology</i> , 2020, 55, 200-208.	6.2	32
54	Editorial for: "Normative Pancreatic Stiffness Levels and Related Influences Established by Magnetic Resonance Elastography in Volunteers". <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 459-460.	3.4	0

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55	Imaging brain function with simultaneous BOLD and viscoelasticity contrast: fMRI/fMRE. <i>NeuroImage</i> , 2020, 211, 116592.	4.2	13
56	Artificial neural networks for magnetic resonance elastography stiffness estimation in inhomogeneous materials. <i>Medical Image Analysis</i> , 2020, 63, 101710.	11.6	16
57	Uterine leiomyomas: correlation between histologic composition and stiffness via magnetic resonance elastography – a Pilot Study. <i>Ginekologia Polska</i> , 2020, 91, 373-378.	0.7	3
58	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
59	Value of MRI in medicine: More than just another test?. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, e14-e25.	3.4	78
60	Magnetic Resonance Elastography of Liver in Light Chain Amyloidosis. <i>Journal of Clinical Medicine</i> , 2019, 8, 739.	2.4	11
61	Soft tissue sarcoma stiffness and perfusion evaluation by MRE and DCE-MRI for radiation therapy response assessment: a technical feasibility study. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 047003.	1.2	13
62	Prediction of nonalcoholic fatty liver disease (NAFLD) activity score (NAS) with multiparametric hepatic magnetic resonance imaging and elastography. <i>European Radiology</i> , 2019, 29, 5823-5831.	4.5	40
63	Magnetic Resonance Elastography in Primary Sclerosing Cholangitis: Interobserver Agreement for Liver Stiffness Measurement with Manual and Automated Methods. <i>Academic Radiology</i> , 2019, 26, 1625-1632.	2.5	12
64	Immunotherapy response evaluation with magnetic resonance elastography (MRE) in advanced HCC. , 2019, 7, 329.		33
65	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
66	MR elastography of the brain and its application in neurological diseases. <i>NeuroImage</i> , 2019, 187, 176-183.	4.2	125
67	Normative values for magnetic resonance elastography-based liver stiffness in a healthy population. <i>Polish Archives of Internal Medicine</i> , 2019, 129, 321-326.	0.4	3
68	MR Elastography Analysis of Glioma Stiffness and IDH1-Mutation Status. <i>American Journal of Neuroradiology</i> , 2018, 39, 31-36.	2.4	70
69	Pancreatic Stiffness Quantified with MR Elastography: Relationship to Postoperative Pancreatic Fistula after Pancreaticoenteric Anastomosis. <i>Radiology</i> , 2018, 288, 476-484.	7.3	43
70	MR elastography in primary sclerosing cholangitis: correlating liver stiffness with bile duct strictures and parenchymal changes. <i>Abdominal Radiology</i> , 2018, 43, 3260-3270.	2.1	22
71	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
72	Cardiac MR elastography using reduced-FOV, single-shot, spin-echo EPI. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 231-238.	3.0	8

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73	Regional assessment of in vivo myocardial stiffness using 3D magnetic resonance elastography in a porcine model of myocardial infarction. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 361-369.	3.0	21
74	Acute pressure changes in the brain are correlated with MR elastography stiffness measurements: initial feasibility in an in vivo large animal model. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1043-1051.	3.0	35
75	Differentiation of benign and malignant solid pancreatic masses using magnetic resonance elastography with spin-echo echo planar imaging and three-dimensional inversion reconstruction: a prospective study. <i>European Radiology</i> , 2018, 28, 936-945.	4.5	36
76	Uterine fibroids: correlations between MRI appearance and stiffness via magnetic resonance elastography. <i>Abdominal Radiology</i> , 2018, 43, 1456-1463.	2.1	23
77	Artificial neural networks for stiffness estimation in magnetic resonance elastography. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 351-360.	3.0	40
78	Magnetic resonance elastography: beyond liver fibrosis—a case-based pictorial review. <i>Abdominal Radiology</i> , 2018, 43, 1590-1611.	2.1	39
79	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
80	Stiffness and Beyond. <i>Topics in Magnetic Resonance Imaging</i> , 2018, 27, 305-318.	1.2	53
81	In vivo characterization of 3D skull and brain motion during dynamic head vibration using magnetic resonance elastography. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2573-2585.	3.0	15
82	Feasibility of MR elastography of the intervertebral disc. <i>Magnetic Resonance Imaging</i> , 2017, 39, 132-137.	1.8	17
83	In vivo, high-frequency three-dimensional cardiac MR elastography: Feasibility in normal volunteers. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 351-360.	3.0	24
84	Clinical Correlation of Abnormal Findings on Magnetic Resonance Elastography in Idiopathic Normal Pressure Hydrocephalus. <i>World Neurosurgery</i> , 2017, 99, 695-700.e1.	1.3	36
85	Quantitative assessment of lung stiffness in patients with interstitial lung disease using MR elastography. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 365-374.	3.4	45
86	Distinguishing between Hepatic Inflammation and Fibrosis with MR Elastography. <i>Radiology</i> , 2017, 284, 694-705.	7.3	117
87	Value of tumor stiffness measured with MR elastography for assessment of response of hepatocellular carcinoma to locoregional therapy. <i>Abdominal Radiology</i> , 2017, 42, 1685-1694.	2.1	37
88	Cardiac MR elastography for quantitative assessment of elevated myocardial stiffness in cardiac amyloidosis. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1361-1367.	3.4	63
89	Magnetic resonance elastography measured shear stiffness as a biomarker of fibrosis in pediatric nonalcoholic fatty liver disease. <i>Hepatology</i> , 2017, 66, 1474-1485.	7.3	103
90	Repeatability and reproducibility of 2D and 3D hepatic MR elastography with rigid and flexible drivers at end-expiration and end-inspiration in healthy volunteers. <i>Abdominal Radiology</i> , 2017, 42, 2843-2854.	2.1	34

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91	Evaluation of hepatic fibrosis: a review from the society of abdominal radiology disease focus panel. <i>Abdominal Radiology</i> , 2017, 42, 2037-2053.	2.1	102
92	Repeatability of MR Elastography of Liver: A Meta-Analysis. <i>Radiology</i> , 2017, 285, 92-100.	7.3	96
93	MR Elastography Demonstrates Unique Regional Brain Stiffness Patterns in Dementias. <i>American Journal of Roentgenology</i> , 2017, 209, 403-408.	2.2	68
94	Slip interface imaging based on MR elastography preoperatively predicts meningioma brain adhesion. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1007-1016.	3.4	44
95	MR elastography of hepatocellular carcinoma: Correlation of tumor stiffness with histopathology features Preliminary findings. <i>Magnetic Resonance Imaging</i> , 2017, 37, 41-45.	1.8	59
96	Technical Failure of MR Elastography Examinations of the Liver: Experience from a Large Single-Center Study. <i>Radiology</i> , 2017, 284, 401-412.	7.3	124
97	Quantitative assessment of lung stiffness in patients with interstitial lung disease using MR elastography. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, spcone-spcone.	3.4	32
98	Application of Modified Spin-Echo based Sequences for Hepatic MR Elastography: Evaluation, Comparison with the Conventional Gradient-Echo Sequence, and Preliminary Clinical Experience. <i>Radiology</i> , 2017, 282, 390-398.	7.3	46
99	Quantitative 3D magnetic resonance elastography: Comparison with dynamic mechanical analysis. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1184-1192.	3.0	29
100	Comparison of diagnostic accuracies of two- and three-dimensional MR elastography of the liver. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1163-1170.	3.4	44
101	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
102	Chronic Phenotype Characterization of a Large-Animal Model of Hereditary Tyrosinemia Type 1. <i>American Journal of Pathology</i> , 2017, 187, 33-41.	3.8	16
103	Comparison of shear velocity dispersion in viscoelastic phantoms measured by ultrasound-based shear wave elastography and magnetic resonance elastography. , 2017, , .		2
104	2017 Manuscript Reviewers: A Note of Thanks. <i>Radiology</i> , 2017, 285, 705-711.	7.3	0
105	Comparison of shear velocity dispersion in viscoelastic phantoms measured by ultrasound-based shear wave elastography and magnetic resonance elastography. , 2017, , .		2
106	Magnetic resonance elastography is accurate in detecting advanced fibrosis in autoimmune hepatitis. <i>World Journal of Gastroenterology</i> , 2017, 23, 859.	3.3	51
107	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
108	Automated liver elasticity calculation for 3D MRE. <i>Proceedings of SPIE</i> , 2017, 10134, .	0.8	6

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109	Diagnostic accuracy of magnetic resonance elastography in liver transplant recipients: A pooled analysis. <i>Annals of Hepatology</i> , 2016, 15, 363-376.	1.5	37
110	Magnetic Resonance Elastography of the Liver. <i>Investigative Radiology</i> , 2016, 51, 575-581.	6.2	64
111	Evaluation of liver stiffness with magnetic resonance elastography in patients with constrictive pericarditis: Preliminary findings. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 81-88.	3.4	10
112	Performance of magnetic resonance elastography in primary sclerosing cholangitis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016, 31, 1184-1190.	2.8	83
113	Automated liver elasticity calculation for MR elastography. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 1055-1063.	3.4	51
114	Magnetic resonance elastography of frontotemporal dementia. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 474-478.	3.4	56
115	Regional brain stiffness changes across the Alzheimer's disease spectrum. <i>NeuroImage: Clinical</i> , 2016, 10, 283-290.	2.7	152
116	MR Elastography Demonstrates Increased Brain Stiffness in Normal Pressure Hydrocephalus. <i>American Journal of Neuroradiology</i> , 2016, 37, 462-467.	2.4	77
117	Elastography in Chronic Liver Disease: Modalities, Techniques, Limitations, and Future Directions. <i>Radiographics</i> , 2016, 36, 1987-2006.	3.3	154
118	Interplatform reproducibility of liver and spleen stiffness measured with MR elastography. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 1064-1072.	3.4	60
119	Imaging Findings of Congestive Hepatopathy. <i>Radiographics</i> , 2016, 36, 1024-1037.	3.3	95
120	Magnetic resonance elastography detects tumoral consistency in pituitary macroadenomas. <i>Pituitary</i> , 2016, 19, 286-292.	2.9	56
121	Magnetic Resonance Elastography for the Evaluation of Liver Fibrosis in Chronic Hepatitis B and C by Using Both Gradient-Recalled Echo and Spin-Echo Echo Planar Imaging: A Prospective Study. <i>American Journal of Gastroenterology</i> , 2016, 111, 823-833.	0.4	66
122	Novel 3D Magnetic Resonance Elastography for the Noninvasive Diagnosis of Advanced Fibrosis in NAFLD: A Prospective Study. <i>American Journal of Gastroenterology</i> , 2016, 111, 986-994.	0.4	160
123	Magnetic resonance elastography of frontotemporal dementia. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, spcone.	3.4	2
124	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
125	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
126	Hepatic MR Elastography: Clinical Performance in a Series of 1377 Consecutive Examinations. <i>Radiology</i> , 2016, 278, 114-124.	7.3	228

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127	Feasibility of using 3D MR elastography to determine pancreatic stiffness in healthy volunteers. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 369-375.	3.4	108
128	Higher-Resolution Magnetic Resonance Elastography in Meningiomas to Determine Intratumoral Consistency. <i>Neurosurgery</i> , 2015, 77, 653-659.	1.1	87
129	MRI and mechanobiology: new science at the intersection of engineering and medicine. , 2015, , .		0
130	Ezetimibe for the treatment of nonalcoholic steatohepatitis: Assessment by novel magnetic resonance imaging and magnetic resonance elastography in a randomized trial (MOZART trial). <i>Hepatology</i> , 2015, 61, 1239-1250.	7.3	296
131	Chronic passive venous congestion drives hepatic fibrogenesis via sinusoidal thrombosis and mechanical forces. <i>Hepatology</i> , 2015, 61, 648-659.	7.3	145
132	Non-invasive detection of liver fibrosis: MR imaging features vs. MR elastography. <i>Abdominal Imaging</i> , 2015, 40, 766-775.	2.0	86
133	Magnetic resonance elastography (MRE) in cancer: Technique, analysis, and applications. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2015, 90-91, 32-48.	7.5	69
134	Measuring the effects of aging and sex on regional brain stiffness with MR elastography in healthy older adults. <i>NeuroImage</i> , 2015, 111, 59-64.	4.2	183
135	Cross-vendor validation of liver magnetic resonance elastography. <i>Abdominal Imaging</i> , 2015, 40, 789-794.	2.0	62
136	Magnetic resonance elastography: evaluation of new inversion algorithm and quantitative analysis method. <i>Abdominal Imaging</i> , 2015, 40, 810-817.	2.0	52
137	Magnetic resonance elastography of abdomen. <i>Abdominal Imaging</i> , 2015, 40, 745-759.	2.0	76
138	Slip Interface Imaging Predicts Tumor-Brain Adhesion in Vestibular Schwannomas. <i>Radiology</i> , 2015, 277, 507-517.	7.3	45
139	Magnetic Resonance Elastography. <i>Mayo Clinic Proceedings</i> , 2015, 90, 882-894.	3.0	103
140	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
141	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
142	Patents and Pasteur: Why new metrics may point to imaging science as a model for innovation. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1199-1200.	3.0	0
143	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
144	Estimation of the absolute shear stiffness of human lung parenchyma using ¹ H spin echo, echo planar MR elastography. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 1230-1237.	3.4	32

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145	Magnetic Resonance Elastography of the Liver in Patients Status-Post Fontan Procedure: Feasibility and Preliminary Results. <i>Congenital Heart Disease</i> , 2014, 9, 7-14.	0.2	70
146	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
147	Magnetic Resonance Elastography of Liver. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2014, 22, 433-446.	1.1	133
148	MR Elastography for the Assessment of Hepatic Fibrosis in Patients with Chronic Hepatitis B Infection: Does Histologic Necroinflammation Influence the Measurement of Hepatic Stiffness?. <i>Radiology</i> , 2014, 273, 88-98.	7.3	97
149	Prediction of Esophageal Varices in Patients with Cirrhosis: Usefulness of Three-dimensional MR Elastography with Echo-planar Imaging Technique. <i>Radiology</i> , 2014, 272, 143-153.	7.3	97
150	Role of magnetic resonance elastography in compensated and decompensated liver disease. <i>Journal of Hepatology</i> , 2014, 60, 934-939.	3.7	82
151	Patents as proxies: NIH hubs of innovation. <i>Nature Biotechnology</i> , 2014, 32, 536-537.	17.5	17
152	Magnetic resonance elastography predicts advanced fibrosis in patients with nonalcoholic fatty liver disease: A prospective study. <i>Hepatology</i> , 2014, 60, 1920-1928.	7.3	388
153	Perspectives on the Development of Elastography. , 2014, , 3-18.		1
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