

Claude B Sirlin

List of Publications by Year in descending order

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Version: 2024-02-01

323
papers

35,782
citations

2215

99
h-index

3915

177
g-index

325
all docs

325
docs citations

325
times ranked

24645
citing authors

#	ARTICLE	IF	CITATIONS
1	CT/MRI and CEUS LI-RADS Major Features Association with Hepatocellular Carcinoma: Individual Patient Data Meta-Analysis. <i>Radiology</i> , 2022, 302, 326-335.	7.3	32
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. <i>European Radiology</i> , 2022, 32, 2457-2469.	4.5	19
3	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
4	Liver imaging: it is time to adopt standardized terminology. <i>European Radiology</i> , 2022, 32, 6291-6301.	4.5	13
5	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
6	The Dose-Response Effects of Consuming High Fructose Corn Syrup-Sweetened Beverages on Hepatic Lipid Content and Insulin Sensitivity in Young Adults. <i>Nutrients</i> , 2022, 14, 1648.	4.1	8
7	Imaging of hepatocellular carcinoma: a pilot international survey. <i>Abdominal Radiology</i> , 2021, 46, 205-215.	2.1	4
8	Repeatability and accuracy of various region-of-interest sampling strategies for hepatic MRI proton density fat fraction quantification. <i>Abdominal Radiology</i> , 2021, 46, 3105-3116.	2.1	5
9	Linearity and Bias of Proton Density Fat Fraction as a Quantitative Imaging Biomarker: A Multicenter, Multiplatform, Multivendor Phantom Study. <i>Radiology</i> , 2021, 298, 640-651.	7.3	39
10	Abbreviated Magnetic Resonance Imaging for HCC Surveillance. <i>Clinical Liver Disease</i> , 2021, 17, 133-138.	2.1	6
11	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
12	Up-to-Date Role of CT/MRI LI-RADS in Hepatocellular Carcinoma. <i>Journal of Hepatocellular Carcinoma</i> , 2021, Volume 8, 513-527.	3.7	16
13	How to Use LI-RADS to Report Liver CT and MRI Observations. <i>Radiographics</i> , 2021, 41, 1352-1367.	3.3	13
14	Imaging Features at the Periphery: Hemodynamics, Pathophysiology, and Effect on LI-RADS Categorization. <i>Radiographics</i> , 2021, 41, 1657-1675.	3.3	7
15	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
16	Clinical Utility of an Increase in Magnetic Resonance Elastography in Predicting Fibrosis Progression in Nonalcoholic Fatty Liver Disease. <i>Hepatology</i> , 2020, 71, 849-860.	7.3	57
17	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
18	Consensus report from the 8th International Forum for Liver Magnetic Resonance Imaging. <i>European Radiology</i> , 2020, 30, 370-382.	4.5	55

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19	Hepatocellular adenomas: Understanding the pathomolecular lexicon, MRI features, terminology, and pitfalls to inform a standardized approach. Journal of Magnetic Resonance Imaging, 2020, 51, 1630-1640.	3.4	20
20	Deep convolutional neural network applied to the liver imaging reporting and data system (LI-RADS) version 2014 category classification: a pilot study. Abdominal Radiology, 2020, 45, 24-35.	2.1	28
21	Hepatocellular carcinoma detection in liver cirrhosis: diagnostic performance of contrast-enhanced CT vs. MRI with extracellular contrast vs. gadoxetic acid. European Radiology, 2020, 30, 1020-1030.	4.5	45
22	Does the Functional Liver Imaging Score Derived from Gadoxetic Acid-enhanced MRI Predict Outcomes in Chronic Liver Disease?. Radiology, 2020, 294, 98-107.	7.3	51
23	Accuracy of common proton density fat fraction thresholds for magnitude- and complex-based chemical shift-encoded MRI for assessing hepatic steatosis in patients with obesity. Abdominal Radiology, 2020, 45, 661-671.	2.1	16
24	Abbreviated MRI for Hepatocellular Carcinoma Screening and Surveillance. Radiographics, 2020, 40, 1916-1931.	3.3	43
25	Editorial for "Interreader Agreement of Liver Imaging Reporting and Data System on MRI: A Systematic Review and Meta Analysis". Journal of Magnetic Resonance Imaging, 2020, 52, 805-806.	3.4	3
26	The relationship between liver triglyceride composition and proton density fat fraction as assessed by 1 H MRS. NMR in Biomedicine, 2020, 33, e4286.	2.8	9
27	Deep learning assisted differentiation of hepatocellular carcinoma from focal liver lesions: choice of four-phase and three-phase CT imaging protocol. Abdominal Radiology, 2020, 45, 2688-2697.	2.1	37
28	Gadoxetate-enhanced abbreviated MRI is highly accurate for hepatocellular carcinoma screening. European Radiology, 2020, 30, 6003-6013.	4.5	43
29	Pediatric Hepatoblastoma, Hepatocellular Carcinoma, and Other Hepatic Neoplasms: Consensus Imaging Recommendations from American College of Radiology Pediatric Liver Reporting and Data System (LI-RADS) Working Group. Radiology, 2020, 296, 493-497.	7.3	42
30	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.	7.3	79
31	LI-RADS ancillary feature prediction of longitudinal category changes in LR-3 observations: an exploratory study. Abdominal Radiology, 2020, 45, 3092-3102.	2.1	9
32	Time to Clarify Common Misconceptions about the Liver Imaging Reporting and Data System for Contrast-enhanced US. Radiology, 2020, 295, 245-247.	7.3	12
33	Convolutional neural network-automated hepatobiliary phase adequacy evaluation may optimize examination time. European Journal of Radiology, 2020, 124, 108837.	2.6	6
34	Assessment of Hepatic Steatosis in Nonalcoholic Fatty Liver Disease by Using Quantitative US. Radiology, 2020, 295, 106-113.	7.3	57
35	Examining LI-RADS recommendations: should observation size only be measured on non-arterial phases?. Abdominal Radiology, 2020, 45, 3144-3154.	2.1	2
36	Prospective comparison of longitudinal change in hepatic proton density fat fraction (PDFF) estimated by magnitude-based MRI (MRI-M) and complex-based MRI (MRI-C). European Radiology, 2020, 30, 5120-5129.	4.5	2

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37	Insulin resistance drives hepatic de novo lipogenesis in nonalcoholic fatty liver disease. Journal of Clinical Investigation, 2020, 130, 1453-1460.	8.2	362
38	LI-RADS ancillary features on contrast-enhanced ultrasonography. Ultrasonography, 2020, 39, 221-228.	2.3	13
39	Diagnostic performance of LI-RADS version 2018 in differentiating hepatocellular carcinoma from other hepatic malignancies in patients with hepatitis B virus infection. Bosnian Journal of Basic Medical Sciences, 2020, 20, 401-410.	1.0	10
40	Reader agreement and accuracy of ultrasound features for hepatic steatosis. Abdominal Radiology, 2019, 44, 54-64.	2.1	16
41	Inter-reader agreement of magnetic resonance imaging proton density fat fraction and its longitudinal change in a clinical trial of adults with nonalcoholic steatohepatitis. Abdominal Radiology, 2019, 44, 482-492.	2.1	8
42	Pitfalls and problems to be solved in the diagnostic CT/MRI Liver Imaging Reporting and Data System (LI-RADS). European Radiology, 2019, 29, 1124-1132.	4.5	23
43	LI-RADS version 2018: What is new and what does this mean to my radiology reports?. Abdominal Radiology, 2019, 44, 41-42.	2.1	13
44	Image Annotation by Eye Tracking: Accuracy and Precision of Centerlines of Obstructed Small-Bowel Segments Placed Using Eye Trackers. Journal of Digital Imaging, 2019, 32, 855-864.	2.9	5
45	Editorial on the Current Role of Ultrasound. Applied Sciences (Switzerland), 2019, 9, 3512.	2.5	12
46	PS-186-Functional liver imaging score derived from gadoxetic acid-enhanced MRI predicts outcomes in patients with advanced chronic liver disease. Journal of Hepatology, 2019, 70, e115.	3.7	1
47	Effect of a Low Free Sugar Diet vs Usual Diet on Nonalcoholic Fatty Liver Disease in Adolescent Boys. JAMA - Journal of the American Medical Association, 2019, 321, 256.	7.4	163
48	CT/MR LI-RADS 2018: clinical implications and management recommendations. Abdominal Radiology, 2019, 44, 1306-1322.	2.1	28
49	Liver Imaging Reporting and Data System Category 5: MRI Predictors of Microvascular Invasion and Recurrence After Hepatectomy for Hepatocellular Carcinoma. American Journal of Roentgenology, 2019, 213, 821-830.	2.2	56
50	User and system pitfalls in liver imaging with LI-RADS. Journal of Magnetic Resonance Imaging, 2019, 50, 1673-1686.	3.4	18
51	Measurement of spleen fat on MRI-proton density fat fraction arises from reconstruction of noise. Abdominal Radiology, 2019, 44, 3295-3303.	2.1	7
52	Role of US LI-RADS in the LI-RADS Algorithm. Radiographics, 2019, 39, 690-708.	3.3	45
53	MRI Assessment of Treatment Response in HIV-associated NAFLD: A Randomized Trial of a Stearoyl-Coenzyme A Desaturase Inhibitor (ARRIVE Trial). Hepatology, 2019, 70, 1531-1545.	7.3	33
54	Inter- and intra-reader agreement for gadoxetic acid-enhanced MRI parameter readings in patients with chronic liver diseases. European Radiology, 2019, 29, 6600-6610.	4.5	19

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55	Is It Time to Expand the Definition of Washout Appearance in LI-RADS?. Radiology, 2019, 291, 658-659.	7.3	14
56	Longitudinal evolution of CT and MRI LI-RADS v2014 category 1, 2, 3, and 4 observations. European Radiology, 2019, 29, 5073-5081.	4.5	20
57	Relationship between resolution of nonalcoholic steatohepatitis and changes in lipoprotein subfractions: a posthoc analysis of the <sc>PIVENS</sc> trial. Alimentary Pharmacology and Therapeutics, 2019, 49, 1205-1213.	3.7	24
58	Collagen Formation Assessed by N-Terminal Propeptide of Type 3 Procollagen Is a Heritable Trait and Is Associated With Liver Fibrosis Assessed by Magnetic Resonance Elastography. Hepatology, 2019, 70, 127-141.	7.3	21
59	<p></p>LI-RADS: a conceptual and historical review from its beginning to its recent integration into AASLD clinical practice guidance<p>. Journal of Hepatocellular Carcinoma, 2019, Volume 6, 49-69.	3.7	93
60	Pilot study on longitudinal change in pancreatic proton density fat fraction during a weight loss surgery program in adults with obesity. Journal of Magnetic Resonance Imaging, 2019, 50, 1092-1102.	3.4	16
61	Inter-platform reproducibility of ultrasonic attenuation and backscatter coefficients in assessing NAFLD. European Radiology, 2019, 29, 4699-4708.	4.5	26
62	Introduction to the Liver Imaging Reporting and Data System for Hepatocellular Carcinoma. Clinical Gastroenterology and Hepatology, 2019, 17, 1228-1238.	4.4	41
63	A Pilot Genome-Wide Analysis Study Identifies Loci Associated With Response to Obeticholic Acid in Patients With NASH. Hepatology Communications, 2019, 3, 1571-1584.	4.3	16
64	The Role of Preoperative Dynamic Contrast-enhanced 3.0-T MR Imaging in Predicting Early Recurrence in Patients With Early-Stage Hepatocellular Carcinomas After Curative Resection. Frontiers in Oncology, 2019, 9, 1336.	2.8	22
65	Surveillance of hepatocellular carcinoma by medical imaging. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1904-1910.	2.0	9
66	Prevalence of Nonalcoholic Fatty Liver Disease in Children with Obesity. Journal of Pediatrics, 2019, 207, 64-70.	1.8	130
67	Monitoring Fatty Liver Disease with MRI Following Bariatric Surgery: A Prospective, Dual-Center Study. Radiology, 2019, 290, 682-690.	7.3	22
68	Serum metabolites detect the presence of advanced fibrosis in derivation and validation cohorts of patients with non-alcoholic fatty liver disease. Gut, 2019, 68, 1884-1892.	12.1	48
69	Use of gadoxetate disodium in patients with chronic liver disease and its implications for liver imaging reporting and data system (LI-RADS). Journal of Magnetic Resonance Imaging, 2019, 49, 1236-1252.	3.4	23
70	Hepatic R2* is more strongly associated with proton density fat fraction than histologic liver iron scores in patients with nonalcoholic fatty liver disease. Journal of Magnetic Resonance Imaging, 2019, 49, 1456-1466.	3.4	28
71	Hepatic steatosis and reduction in steatosis following bariatric weight loss surgery differs between segments and lobes. European Radiology, 2019, 29, 2474-2480.	4.5	11
72	Longitudinal correlations between MRE, MRI-PDFF, and liver histology in patients with non-alcoholic steatohepatitis: Analysis of data from a phase II trial of selonsertib. Journal of Hepatology, 2019, 70, 133-141.	3.7	149

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73	Assessment of a high- b^2 -SNR chemical-shift-encoded MRI with complex reconstruction for proton density fat fraction (PDFF) estimation overall and in the low-fat range. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 229-238.	3.4	9
74	Quantitative Elastography Methods in Liver Disease: Current Evidence and Future Directions. <i>Radiology</i> , 2018, 286, 738-763.	7.3	215
75	Diagnosis, Staging, and Management of Hepatocellular Carcinoma: 2018 Practice Guidance by the American Association for the Study of Liver Diseases. <i>Hepatology</i> , 2018, 68, 723-750.	7.3	3,096
76	LI-RADS 2017: An update. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1459-1474.	3.4	34
77	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
78	How to perform Contrast-Enhanced Ultrasound (CEUS). <i>Ultrasound International Open</i> , 2018, 04, E2-E15.	0.6	222
79	Noninvasive, Quantitative Assessment of Liver Fat by MRI-PDFF as an Endpoint in NASH Trials. <i>Hepatology</i> , 2018, 68, 763-772.	7.3	299
80	CHCC-CCA: Consensus terminology for primary liver carcinomas with both hepatocytic and cholangiocytic differentiation. <i>Hepatology</i> , 2018, 68, 113-126.	7.3	244
81	The LI-RADS adventure—a personal statement. <i>Abdominal Radiology</i> , 2018, 43, 1-2.	2.1	10
82	Diagnostic per-lesion performance of a simulated gadoxetate disodium-enhanced abbreviated MRI protocol for hepatocellular carcinoma screening. <i>Clinical Radiology</i> , 2018, 73, 485-493.	1.1	63
83	LI-RADS: a glimpse into the future. <i>Abdominal Radiology</i> , 2018, 43, 231-236.	2.1	12
84	Epidemiology of Hepatic Steatosis at a Tertiary Care Center. <i>Academic Radiology</i> , 2018, 25, 317-327.	2.5	9
85	Liver fat imaging—a clinical overview of ultrasound, CT, and MR imaging. <i>British Journal of Radiology</i> , 2018, 91, 20170959.	2.2	164
86	Letter to the editor response. <i>Abdominal Radiology</i> , 2018, 43, 239-239.	2.1	0
87	Randomised clinical trial: a leucine-metformin-sildenafil combination ($\text{NS} \times 200$) vs placebo in patients with non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2018, 47, 1639-1651.	3.7	35
88	Link between gut microbiome derived metabolite and shared gene effects with hepatic steatosis and fibrosis in NAFLD. <i>Hepatology</i> , 2018, 68, 918-932.	7.3	141
89	Evidence Supporting LI-RADS Major Features for CT- and MR Imaging-based Diagnosis of Hepatocellular Carcinoma: A Systematic Review. <i>Radiology</i> , 2018, 286, 29-48.	7.3	230
90	AASLD guidelines for the treatment of hepatocellular carcinoma. <i>Hepatology</i> , 2018, 67, 358-380.	7.3	2,932

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91	LI-RADS and transplantation for hepatocellular carcinoma. <i>Abdominal Radiology</i> , 2018, 43, 193-202.	2.1	24
92	Cross-sectional correlation between hepatic R2* and proton density fat fraction (PDFF) in children with hepatic steatosis. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 418-424.	3.4	19
93	Epidemiology of hepatocellular carcinoma: target population for surveillance and diagnosis. <i>Abdominal Radiology</i> , 2018, 43, 13-25.	2.1	338
94	LI-RADS® algorithm: CT and MRI. <i>Abdominal Radiology</i> , 2018, 43, 111-126.	2.1	39
95	Increased severity of liver fat content and liver fibrosis in non-alcoholic fatty liver disease correlate with epicardial fat volume in type 2 diabetes: A prospective study. <i>European Radiology</i> , 2018, 28, 1345-1355.	4.5	31
96	Interreader Reliability of LI-RADS Version 2014 Algorithm and Imaging Features for Diagnosis of Hepatocellular Carcinoma: A Large International Multireader Study. <i>Radiology</i> , 2018, 286, 173-185.	7.3	84
97	Technical report: gadoxetate-disodium-enhanced 2D R2* mapping: a novel approach for assessing bile ducts in living donors. <i>Abdominal Radiology</i> , 2018, 43, 1656-1660.	2.1	2
98	Nonstandardized Terminology to Describe Focal Liver Lesions in Patients at Risk for Hepatocellular Carcinoma: Implications Regarding Clinical Communication. <i>American Journal of Roentgenology</i> , 2018, 210, 85-90.	2.2	27
99	LI-RADS categories: concepts, definitions, and criteria. <i>Abdominal Radiology</i> , 2018, 43, 101-110.	2.1	33
100	Diagnostic accuracy of magnetic resonance imaging hepatic proton density fat fraction in pediatric nonalcoholic fatty liver disease. <i>Hepatology</i> , 2018, 67, 858-872.	7.3	112
101	MRI proton density fat fraction is robust across the biologically plausible range of triglyceride spectra in adults with nonalcoholic steatohepatitis. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 995-1002.	3.4	27
102	Imaging for the diagnosis of hepatocellular carcinoma: A systematic review and meta-analysis. <i>Hepatology</i> , 2018, 67, 401-421.	7.3	329
103	Hepatocellular carcinoma imaging systems: why they exist, how they have evolved, and how they differ. <i>Abdominal Radiology</i> , 2018, 43, 3-12.	2.1	47
104	Optimization of regional-of-interest sampling strategies for hepatic MRI proton density fat fraction quantification. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 988-994.	3.4	20
105	CEUS LI-RADS: algorithm, implementation, and key differences from CT/MRI. <i>Abdominal Radiology</i> , 2018, 43, 127-142.	2.1	147
106	Linearity, Bias, and Precision of Hepatic Proton Density Fat Fraction Measurements by Using MR Imaging: A Meta-Analysis. <i>Radiology</i> , 2018, 286, 486-498.	7.3	225
107	How bariatric surgery affects liver volume and fat density in NAFLD patients. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 1675-1682.	2.4	46
108	Cirrhosis and LI-RADS. <i>Abdominal Radiology</i> , 2018, 43, 26-40.	2.1	12

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109	Hepatocarcinogenesis and LI-RADS. Abdominal Radiology, 2018, 43, 158-168.	2.1	29
110	Optimal threshold of controlled attenuation parameter with MRIâ€”PDF as the gold standard for the detection of hepatic steatosis. Hepatology, 2018, 67, 1348-1359.	7.3	250
111	Sources of systematic error in proton density fat fraction (PDF) quantification in the liver evaluated from magnitude images with different numbers of echoes. NMR in Biomedicine, 2018, 31, e3843.	2.8	14
112	Management implications and outcomes of LI-RADS-2, -3, -4, and -M category observations. Abdominal Radiology, 2018, 43, 143-148.	2.1	15
113	LI-RADS Version 2018 Ancillary Features at MRI. Radiographics, 2018, 38, 1973-2001.	3.3	83
114	Liver Imaging Reporting and Data System (LI-RADS) Version 2018: Imaging of Hepatocellular Carcinoma in At-Risk Patients. Radiology, 2018, 289, 816-830.	7.3	634
115	Recommendation for terminology: Nodules without arterial phase hyperenhancement and with hepatobiliary phase hypointensity in chronic liver disease. Journal of Magnetic Resonance Imaging, 2018, 48, 1169-1171.	3.4	27
116	Current status of imaging in nonalcoholic fatty liver disease. World Journal of Hepatology, 2018, 10, 530-542.	2.0	166
117	White paper of the Society of Abdominal Radiology hepatocellular carcinoma diagnosis disease-focused panel on LI-RADS v2018 for CT and MRI. Abdominal Radiology, 2018, 43, 2625-2642.	2.1	56
118	Responsiveness of controlled attenuation parameter (CAP) and its correlation with magnetic resonance imaging-proton density fat fraction (MRI-PDF) in a multi-center clinical trial of subjects with nonalcoholic steatohepatitis (NASH). Journal of Hepatology, 2018, 68, S564.	3.7	0
119	Magnetic Resonance Elastography versus Transient Elastography in detection of fibrosis in nonalcoholic fatty liver disease: A systematic review and meta-analysis of individual participant data. Journal of Hepatology, 2018, 68, S560-S561.	3.7	1
120	Spectrum of Pitfalls, Pseudolesions, and Potential Misdiagnoses in Cirrhosis. American Journal of Roentgenology, 2018, 211, 87-96.	2.2	19
121	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.	4.5	29
122	Multisite, multivendor validation of the accuracy and reproducibility of proton-density fat-fraction quantification at 1.5T and 3T using a fat-water phantom. Magnetic Resonance in Medicine, 2017, 77, 1516-1524.	3.0	99
123	Effect of intravenous gadoxetate disodium and flip angle on hepatic proton density fat fraction estimation with six-echo, gradient-recalled-echo, magnitude-based MR imaging at 3T. Abdominal Radiology, 2017, 42, 1189-1198.	2.1	6
124	Adaptive local window for level set segmentation of CT and MRI liver lesions. Medical Image Analysis, 2017, 37, 46-55.	11.6	59
125	Bone marrow fat content is correlated with hepatic fat content in paediatric non-alcoholic fatty liver disease. Clinical Radiology, 2017, 72, 425.e9-425.e14.	1.1	14
126	Agreement between region-of-interest- and parametric map-based hepatic proton density fat fraction estimation in adults with chronic liver disease. Abdominal Radiology, 2017, 42, 833-841.	2.1	6

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127	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.	2.2	113
128	Quantifying Abdominal Adipose Tissue and Thigh Muscle Volume and Hepatic Proton Density Fat Fraction: Repeatability and Accuracy of an MR Imaging–based, Semiautomated Analysis Method. Radiology, 2017, 283, 438-449.	7.3	38
129	Liver histology and diffusion–weighted MRI in children with nonalcoholic fatty liver disease: A MAGNET study. Journal of Magnetic Resonance Imaging, 2017, 46, 1149-1158.	3.4	25
130	Assessment of treatment response in non–alcoholic steatohepatitis using advanced magnetic resonance imaging. Alimentary Pharmacology and Therapeutics, 2017, 45, 844-854.	3.7	21
131	Effect of threshold growth as a major feature on LI-RADS categorization. Abdominal Radiology, 2017, 42, 2089-2100.	2.1	14
132	Magnetic resonance elastography measured shear stiffness as a biomarker of fibrosis in pediatric nonalcoholic fatty liver disease. Hepatology, 2017, 66, 1474-1485.	7.3	103
133	Repeatability and reproducibility of 2D and 3D hepatic MR elastography with rigid and flexible drivers at end-expiration and end-inspiration in healthy volunteers. Abdominal Radiology, 2017, 42, 2843-2854.	2.1	34
134	Agreement Between Magnetic Resonance Imaging Proton Density Fat Fraction Measurements and Pathologist-Assigned Steatosis Grades of Liver Biopsies From Adults With Nonalcoholic Steatohepatitis. Gastroenterology, 2017, 153, 753-761.	1.3	209
135	Repeatability of MR Elastography of Liver: A Meta-Analysis. Radiology, 2017, 285, 92-100.	7.3	96
136	Accuracy of PDFF estimation by magnitude–based and complex–based MRI in children with MR spectroscopy as a reference. Journal of Magnetic Resonance Imaging, 2017, 46, 1641-1647.	3.4	19
137	Elastography to assess the stage of liver fibrosis in children: Concepts, opportunities, and challenges. Clinical Liver Disease, 2017, 9, 5-10.	2.1	29
138	Screening and Surveillance of Hepatocellular Carcinoma. Radiologic Clinics of North America, 2017, 55, 1197-1209.	1.8	28
139	Application of Modified Spin-Echo–based Sequences for Hepatic MR Elastography: Evaluation, Comparison with the Conventional Gradient-Echo Sequence, and Preliminary Clinical Experience. Radiology, 2017, 282, 390-398.	7.3	46
140	Intravenous Gadoxetate Disodium Administration Reduces Breath-holding Capacity in the Hepatic Arterial Phase: A Multi-Center Randomized Placebo-controlled Trial. Radiology, 2017, 282, 361-368.	7.3	46
141	Hepatocellular carcinoma detection: diagnostic performance of a simulated abbreviated MRI protocol combining diffusion-weighted and T1-weighted imaging at the delayed phase post gadoxetic acid. Abdominal Radiology, 2017, 42, 179-190.	2.1	113
142	Weight Loss Decreases Magnetic Resonance Elastography Estimated Liver Stiffness in Nonalcoholic Fatty Liver Disease. Clinical Gastroenterology and Hepatology, 2017, 15, 463-464.	4.4	29
143	In vivo triglyceride composition of abdominal adipose tissue measured by ¹ H MRS at 3T. Journal of Magnetic Resonance Imaging, 2017, 45, 1455-1463.	3.4	44
144	Nonalcoholic fatty liver disease with cirrhosis increases familial risk for advanced fibrosis. Journal of Clinical Investigation, 2017, 127, 2697-2704.	8.2	137

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145	Liver Imaging Reporting and Data System: an expert consensus statement. Journal of Hepatocellular Carcinoma, 2017, Volume 4, 29-39.	3.7	46
146	Contrast-enhanced ultrasound (CEUS) liver imaging reporting and data system (LI-RADS) 2017 – a review of important differences compared to the CT/MRI system. Clinical and Molecular Hepatology, 2017, 23, 280-289.	8.9	96
147	Accuracy and the effect of possible subject-based confounders of magnitude-based MRI for estimating hepatic proton density fat fraction in adults, using MR spectroscopy as reference. Journal of Magnetic Resonance Imaging, 2016, 43, 398-406.	3.4	52
148	Association of noninvasive quantitative decline in liver fat content on MRI with histologic response in nonalcoholic steatohepatitis. Therapeutic Advances in Gastroenterology, 2016, 9, 692-701.	3.2	123
149	Shared genetic effects between hepatic steatosis and fibrosis: A prospective twin study. Hepatology, 2016, 64, 1547-1558.	7.3	64
150	Sitagliptin vs. placebo for non-alcoholic fatty liver disease: A randomized controlled trial. Journal of Hepatology, 2016, 65, 369-376.	3.7	264
151	Cardiovascular risk assessment in the treatment of nonalcoholic steatohepatitis: a secondary analysis of the MOZART trial. Therapeutic Advances in Gastroenterology, 2016, 9, 152-161.	3.2	12
152	Imaging Outcomes of Liver Imaging Reporting and Data System Version 2014 Category 2, 3, and 4 Observations Detected at CT and MR Imaging. Radiology, 2016, 281, 129-139.	7.3	85
153	Liver Imaging Reporting and Data System: Review of Ancillary Imaging Features. Seminars in Roentgenology, 2016, 51, 301-307.	0.6	11
154	Non-invasive screening of diabetics in primary care for NAFLD and advanced fibrosis by MRI and MRE. Alimentary Pharmacology and Therapeutics, 2016, 43, 83-95.	3.7	168
155	Magnetic resonance elastography identifies fibrosis in adults with alpha1 antitrypsin deficiency liver disease: a prospective study. Alimentary Pharmacology and Therapeutics, 2016, 44, 287-299.	3.7	31
156	MRI and MRE for non-invasive quantitative assessment of hepatic steatosis and fibrosis in NAFLD and NASH: Clinical trials to clinical practice. Journal of Hepatology, 2016, 65, 1006-1016.	3.7	275
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