

Claude B Sirlin

List of Publications by Year in descending order

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Version: 2024-02-01

323
papers

35,782
citations

2565

99
h-index

4511

177
g-index

325
all docs

325
docs citations

325
times ranked

26241
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.	3.6	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.	2.3	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.	2.3	12
4	Liver imaging: it is time to adopt standardized terminology. <i>European Radiology</i> , 2022, 32, 6291-6301.	2.3	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.	3.6	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.	1.7	8
7	Imaging of hepatocellular carcinoma: a pilot international survey. <i>Abdominal Radiology</i> , 2021, 46, 205-215.	1.0	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.	1.0	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.	3.6	39
10	Abbreviated Magnetic Resonance Imaging for HCC Surveillance. <i>Clinical Liver Disease</i> , 2021, 17, 133-138.	1.0	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.	2.3	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.	1.8	16
13	How to Use LI-RADS to Report Liver CT and MRI Observations. <i>Radiographics</i> , 2021, 41, 1352-1367.	1.4	13
14	Imaging Features at the Periphery: Hemodynamics, Pathophysiology, and Effect on LI-RADS Categorization. <i>Radiographics</i> , 2021, 41, 1657-1675.	1.4	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.	1.9	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.	3.6	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.	1.9	23
18	Consensus report from the 8th International Forum for Liver Magnetic Resonance Imaging. <i>European Radiology</i> , 2020, 30, 370-382.	2.3	55

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19	Hepatocellular adenomas: Understanding the pathomolecular lexicon, MRI features, terminology, and pitfalls to inform a standardized approach. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1630-1640.	1.9	20
20	Deep convolutional neural network applied to the liver imaging reporting and data system (LI-RADS) version 2014 category classification: a pilot study. <i>Abdominal Radiology</i> , 2020, 45, 24-35.	1.0	28
21	Hepatocellular carcinoma detection in liver cirrhosis: diagnostic performance of contrast-enhanced CT vs. MRI with extracellular contrast vs. gadoxetic acid. <i>European Radiology</i> , 2020, 30, 1020-1030.	2.3	45
22	Does the Functional Liver Imaging Score Derived from Gadoxetic Acid-enhanced MRI Predict Outcomes in Chronic Liver Disease?. <i>Radiology</i> , 2020, 294, 98-107.	3.6	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. <i>Abdominal Radiology</i> , 2020, 45, 661-671.	1.0	16
24	Abbreviated MRI for Hepatocellular Carcinoma Screening and Surveillance. <i>Radiographics</i> , 2020, 40, 1916-1931.	1.4	43
25	Editorial for "Interreader Agreement of Liver Imaging Reporting and Data System on MRI: A Systematic Review and Meta Analysis". <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 805-806.	1.9	3
26	The relationship between liver triglyceride composition and proton density fat fraction as assessed by 1 H MRS. <i>NMR in Biomedicine</i> , 2020, 33, e4286.	1.6	9
27	Deep learning assisted differentiation of hepatocellular carcinoma from focal liver lesions: choice of four-phase and three-phase CT imaging protocol. <i>Abdominal Radiology</i> , 2020, 45, 2688-2697.	1.0	37
28	Gadoxetate-enhanced abbreviated MRI is highly accurate for hepatocellular carcinoma screening. <i>European Radiology</i> , 2020, 30, 6003-6013.	2.3	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. <i>Radiology</i> , 2020, 296, 493-497.	3.6	42
30	Noninvasive Diagnosis of Nonalcoholic Fatty Liver Disease and Quantification of Liver Fat with Radiofrequency Ultrasound Data Using One-dimensional Convolutional Neural Networks. <i>Radiology</i> , 2020, 295, 342-350.	3.6	79
31	LI-RADS ancillary feature prediction of longitudinal category changes in LR-3 observations: an exploratory study. <i>Abdominal Radiology</i> , 2020, 45, 3092-3102.	1.0	9
32	Time to Clarify Common Misconceptions about the Liver Imaging Reporting and Data System for Contrast-enhanced US. <i>Radiology</i> , 2020, 295, 245-247.	3.6	12
33	Convolutional neural network-automated hepatobiliary phase adequacy evaluation may optimize examination time. <i>European Journal of Radiology</i> , 2020, 124, 108837.	1.2	6
34	Assessment of Hepatic Steatosis in Nonalcoholic Fatty Liver Disease by Using Quantitative US. <i>Radiology</i> , 2020, 295, 106-113.	3.6	57
35	Examining LI-RADS recommendations: should observation size only be measured on non-arterial phases?. <i>Abdominal Radiology</i> , 2020, 45, 3144-3154.	1.0	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). <i>European Radiology</i> , 2020, 30, 5120-5129.	2.3	2

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37	Insulin resistance drives hepatic de novo lipogenesis in nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , 2020, 130, 1453-1460.	3.9	362
38	LI-RADS ancillary features on contrast-enhanced ultrasonography. <i>Ultrasonography</i> , 2020, 39, 221-228.	1.0	13
39	Diagnostic performance of LI-RADS version 2018 in differentiating hepatocellular carcinoma from other hepatic malignancies in patients with hepatitis B virus infection. <i>Bosnian Journal of Basic Medical Sciences</i> , 2020, 20, 401-410.	0.6	10
40	Reader agreement and accuracy of ultrasound features for hepatic steatosis. <i>Abdominal Radiology</i> , 2019, 44, 54-64.	1.0	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. <i>Abdominal Radiology</i> , 2019, 44, 482-492.	1.0	8
42	Pitfalls and problems to be solved in the diagnostic CT/MRI Liver Imaging Reporting and Data System (LI-RADS). <i>European Radiology</i> , 2019, 29, 1124-1132.	2.3	23
43	LI-RADS version 2018: What is new and what does this mean to my radiology reports?. <i>Abdominal Radiology</i> , 2019, 44, 41-42.	1.0	13
44	Image Annotation by Eye Tracking: Accuracy and Precision of Centerlines of Obstructed Small-Bowel Segments Placed Using Eye Trackers. <i>Journal of Digital Imaging</i> , 2019, 32, 855-864.	1.6	5
45	Editorial on the Current Role of Ultrasound. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3512.	1.3	12
46	PS-186-Functional liver imaging score derived from gadoxetic acid-enhanced MRI predicts outcomes in patients with advanced chronic liver disease. <i>Journal of Hepatology</i> , 2019, 70, e115.	1.8	1
47	Effect of a Low Free Sugar Diet vs Usual Diet on Nonalcoholic Fatty Liver Disease in Adolescent Boys. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 256.	3.8	163
48	CT/MR LI-RADS 2018: clinical implications and management recommendations. <i>Abdominal Radiology</i> , 2019, 44, 1306-1322.	1.0	28
49	Liver Imaging Reporting and Data System Category 5: MRI Predictors of Microvascular Invasion and Recurrence After Hepatectomy for Hepatocellular Carcinoma. <i>American Journal of Roentgenology</i> , 2019, 213, 821-830.	1.0	56
50	User and system pitfalls in liver imaging with LI-RADS. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1673-1686.	1.9	18
51	Measurement of spleen fat on MRI-proton density fat fraction arises from reconstruction of noise. <i>Abdominal Radiology</i> , 2019, 44, 3295-3303.	1.0	7
52	Role of US LI-RADS in the LI-RADS Algorithm. <i>Radiographics</i> , 2019, 39, 690-708.	1.4	45
53	MRI Assessment of Treatment Response in HIV-associated NAFLD: A Randomized Trial of a Stearoyl-Coenzyme A Desaturase Inhibitor (ARRIVE Trial). <i>Hepatology</i> , 2019, 70, 1531-1545.	3.6	33
54	Inter- and intra-reader agreement for gadoxetic acid-enhanced MRI parameter readings in patients with chronic liver diseases. <i>European Radiology</i> , 2019, 29, 6600-6610.	2.3	19

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55	Is It Time to Expand the Definition of Washout Appearance in LI-RADS?. <i>Radiology</i> , 2019, 291, 658-659.	3.6	14
56	Longitudinal evolution of CT and MRI LI-RADS v2014 category 1, 2, 3, and 4 observations. <i>European Radiology</i> , 2019, 29, 5073-5081.	2.3	20
57	Relationship between resolution of non-alcoholic steatohepatitis and changes in lipoprotein subfractions: a post-hoc analysis of the PIVENS trial. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 49, 1205-1213.	1.9	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. <i>Hepatology</i> , 2019, 70, 127-141.	3.6	21
59	LI-RADS: a conceptual and historical review from its beginning to its recent integration into AASLD clinical practice guidance. <i>Journal of Hepatocellular Carcinoma</i> , 2019, Volume 6, 49-69.	1.8	93
60	Pilot study on longitudinal change in pancreatic proton density fat fraction during a weight-loss surgery program in adults with obesity. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1092-1102.	1.9	16
61	Inter-platform reproducibility of ultrasonic attenuation and backscatter coefficients in assessing NAFLD. <i>European Radiology</i> , 2019, 29, 4699-4708.	2.3	26
62	Introduction to the Liver Imaging Reporting and Data System for Hepatocellular Carcinoma. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 1228-1238.	2.4	41
63	A Pilot Genome-Wide Analysis Study Identifies Loci Associated With Response to Obeticholic Acid in Patients With NASH. <i>Hepatology Communications</i> , 2019, 3, 1571-1584.	2.0	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. <i>Frontiers in Oncology</i> , 2019, 9, 1336.	1.3	22
65	Surveillance of hepatocellular carcinoma by medical imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1904-1910.	1.1	9
66	Prevalence of Nonalcoholic Fatty Liver Disease in Children with Obesity. <i>Journal of Pediatrics</i> , 2019, 207, 64-70.	0.9	130
67	Monitoring Fatty Liver Disease with MRI Following Bariatric Surgery: A Prospective, Dual-Center Study. <i>Radiology</i> , 2019, 290, 682-690.	3.6	22
68	Serum metabolites detect the presence of advanced fibrosis in derivation and validation cohorts of patients with non-alcoholic fatty liver disease. <i>Gut</i> , 2019, 68, 1884-1892.	6.1	48
69	Use of gadoxetate disodium in patients with chronic liver disease and its implications for liver imaging reporting and data system (LI-RADS). <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1236-1252.	1.9	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. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1456-1466.	1.9	28
71	Hepatic steatosis and reduction in steatosis following bariatric weight loss surgery differs between segments and lobes. <i>European Radiology</i> , 2019, 29, 2474-2480.	2.3	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. <i>Journal of Hepatology</i> , 2019, 70, 133-141.	1.8	149

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73	Assessment of a high-contrast 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.	1.9	9
74	Quantitative Elastography Methods in Liver Disease: Current Evidence and Future Directions. <i>Radiology</i> , 2018, 286, 738-763.	3.6	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.	3.6	3,096
76	LI-RADS 2017: An update. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1459-1474.	1.9	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.	0.8	43
78	How to perform Contrast-Enhanced Ultrasound (CEUS). <i>Ultrasound International Open</i> , 2018, 04, E2-E15.	0.3	222
79	Noninvasive, Quantitative Assessment of Liver Fat by MRI-PDFF as an Endpoint in NASH Trials. <i>Hepatology</i> , 2018, 68, 763-772.	3.6	299
80	CHCC-CCA: Consensus terminology for primary liver carcinomas with both hepatocytic and cholangiocytic differentiation. <i>Hepatology</i> , 2018, 68, 113-126.	3.6	244
81	The LI-RADS adventure—a personal statement. <i>Abdominal Radiology</i> , 2018, 43, 1-2.	1.0	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.	0.5	63
83	LI-RADS: a glimpse into the future. <i>Abdominal Radiology</i> , 2018, 43, 231-236.	1.0	12
84	Epidemiology of Hepatic Steatosis at a Tertiary Care Center. <i>Academic Radiology</i> , 2018, 25, 317-327.	1.3	9
85	Liver fat imaging—a clinical overview of ultrasound, CT, and MR imaging. <i>British Journal of Radiology</i> , 2018, 91, 20170959.	1.0	164
86	Letter to the editor response. <i>Abdominal Radiology</i> , 2018, 43, 239-239.	1.0	0
87	Randomised clinical trial: a leucine-metformin-sildenafil combination (NSC0200) vs placebo in patients with non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2018, 47, 1639-1651.	1.9	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.	3.6	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.	3.6	230
90	AASLD guidelines for the treatment of hepatocellular carcinoma. <i>Hepatology</i> , 2018, 67, 358-380.	3.6	2,932

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91	LI-RADS and transplantation for hepatocellular carcinoma. <i>Abdominal Radiology</i> , 2018, 43, 193-202.	1.0	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.	1.9	19
93	Epidemiology of hepatocellular carcinoma: target population for surveillance and diagnosis. <i>Abdominal Radiology</i> , 2018, 43, 13-25.	1.0	338
94	LI-RADS® algorithm: CT and MRI. <i>Abdominal Radiology</i> , 2018, 43, 111-126.	1.0	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.	2.3	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.	3.6	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.	1.0	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.	1.0	27
99	LI-RADS categories: concepts, definitions, and criteria. <i>Abdominal Radiology</i> , 2018, 43, 101-110.	1.0	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.	3.6	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.	1.9	27
102	Imaging for the diagnosis of hepatocellular carcinoma: A systematic review and meta-analysis. <i>Hepatology</i> , 2018, 67, 401-421.	3.6	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.	1.0	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.	1.9	20
105	CEUS LI-RADS: algorithm, implementation, and key differences from CT/MRI. <i>Abdominal Radiology</i> , 2018, 43, 127-142.	1.0	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.	3.6	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.	1.3	46
108	Cirrhosis and LI-RADS. <i>Abdominal Radiology</i> , 2018, 43, 26-40.	1.0	12

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109	Hepatocarcinogenesis and LI-RADS. <i>Abdominal Radiology</i> , 2018, 43, 158-168.	1.0	29
110	Optimal threshold of controlled attenuation parameter with MRIâ€¦PDFF as the gold standard for the detection of hepatic steatosis. <i>Hepatology</i> , 2018, 67, 1348-1359.	3.6	250
111	Sources of systematic error in proton density fat fraction (PDFF) quantification in the liver evaluated from magnitude images with different numbers of echoes. <i>NMR in Biomedicine</i> , 2018, 31, e3843.	1.6	14
112	Management implications and outcomes of LI-RADS-2, -3, -4, and -M category observations. <i>Abdominal Radiology</i> , 2018, 43, 143-148.	1.0	15
113	LI-RADS Version 2018 Ancillary Features at MRI. <i>Radiographics</i> , 2018, 38, 1973-2001.	1.4	83
114	Liver Imaging Reporting and Data System (LI-RADS) Version 2018: Imaging of Hepatocellular Carcinoma in At-Risk Patients. <i>Radiology</i> , 2018, 289, 816-830.	3.6	634
115	Recommendation for terminology: Nodules without arterial phase hyperenhancement and with hepatobiliary phase hypointensity in chronic liver disease. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1169-1171.	1.9	27
116	Current status of imaging in nonalcoholic fatty liver disease. <i>World Journal of Hepatology</i> , 2018, 10, 530-542.	0.8	166
117	White paper of the Society of Abdominal Radiology hepatocellular carcinoma diagnosis disease-focused panel on LI-RADS v2018 for CT and MRI. <i>Abdominal Radiology</i> , 2018, 43, 2625-2642.	1.0	56
118	Responsiveness of controlled attenuation parameter (CAP) and its correlation with magnetic resonance imaging-proton density fat fraction (MRI-PDFF) in a multi-center clinical trial of subjects with nonalcoholic steatohepatitis (NASH). <i>Journal of Hepatology</i> , 2018, 68, S564.	1.8	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. <i>Journal of Hepatology</i> , 2018, 68, S560-S561.	1.8	1
120	Spectrum of Pitfalls, Pseudolesions, and Potential Misdiagnoses in Cirrhosis. <i>American Journal of Roentgenology</i> , 2018, 211, 87-96.	1.0	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. <i>European Radiology</i> , 2018, 28, 4992-5000.	2.3	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. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1516-1524.	1.9	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. <i>Abdominal Radiology</i> , 2017, 42, 1189-1198.	1.0	6
124	Adaptive local window for level set segmentation of CT and MRI liver lesions. <i>Medical Image Analysis</i> , 2017, 37, 46-55.	7.0	59
125	Bone marrow fat content is correlated with hepatic fat content in paediatric non-alcoholic fatty liver disease. <i>Clinical Radiology</i> , 2017, 72, 425.e9-425.e14.	0.5	14
126	Agreement between region-of-interest- and parametric map-based hepatic proton density fat fraction estimation in adults with chronic liver disease. <i>Abdominal Radiology</i> , 2017, 42, 833-841.	1.0	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. <i>American Journal of Roentgenology</i> , 2017, 208, W168-W177.	1.0	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. <i>Radiology</i> , 2017, 283, 438-449.	3.6	38
129	Liver histology and diffusion-weighted MRI in children with nonalcoholic fatty liver disease: A MAGNET study. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1149-1158.	1.9	25
130	Assessment of treatment response in nonalcoholic steatohepatitis using advanced magnetic resonance imaging. <i>Alimentary Pharmacology and Therapeutics</i> , 2017, 45, 844-854.	1.9	21
131	Effect of threshold growth as a major feature on LI-RADS categorization. <i>Abdominal Radiology</i> , 2017, 42, 2089-2100.	1.0	14
132	Magnetic resonance elastography measured shear stiffness as a biomarker of fibrosis in pediatric nonalcoholic fatty liver disease. <i>Hepatology</i> , 2017, 66, 1474-1485.	3.6	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. <i>Abdominal Radiology</i> , 2017, 42, 2843-2854.	1.0	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. <i>Gastroenterology</i> , 2017, 153, 753-761.	0.6	209
135	Repeatability of MR Elastography of Liver: A Meta-Analysis. <i>Radiology</i> , 2017, 285, 92-100.	3.6	96
136	Accuracy of PDFF estimation by magnitude-based and complex-based MRI in children with MR spectroscopy as a reference. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1641-1647.	1.9	19
137	Elastography to assess the stage of liver fibrosis in children: Concepts, opportunities, and challenges. <i>Clinical Liver Disease</i> , 2017, 9, 5-10.	1.0	29
138	Screening and Surveillance of Hepatocellular Carcinoma. <i>Radiologic Clinics of North America</i> , 2017, 55, 1197-1209.	0.9	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. <i>Radiology</i> , 2017, 282, 390-398.	3.6	46
140	Intravenous Gadoxetate Disodium Administration Reduces Breath-holding Capacity in the Hepatic Arterial Phase: A Multi-Center Randomized Placebo-controlled Trial. <i>Radiology</i> , 2017, 282, 361-368.	3.6	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 gadoteric acid. <i>Abdominal Radiology</i> , 2017, 42, 179-190.	1.0	113
142	Weight Loss Decreases Magnetic Resonance Elastography Estimated Liver Stiffness in Nonalcoholic Fatty Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 463-464.	2.4	29
143	In vivo triglyceride composition of abdominal adipose tissue measured by ¹ H MRS at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1455-1463.	1.9	44
144	Nonalcoholic fatty liver disease with cirrhosis increases familial risk for advanced fibrosis. <i>Journal of Clinical Investigation</i> , 2017, 127, 2697-2704.	3.9	137

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145	Liver Imaging Reporting and Data System: an expert consensus statement. <i>Journal of Hepatocellular Carcinoma</i> , 2017, Volume 4, 29-39.	1.8	46
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148	Association of noninvasive quantitative decline in liver fat content on MRI with histologic response in nonalcoholic steatohepatitis. <i>Therapeutic Advances in Gastroenterology</i> , 2016, 9, 692-701.	1.4	123
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