

Mustafa R Bashir

List of Publications by Year in descending order

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172
papers

8,968
citations

50276

46
h-index

48315

88
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173
all docs

173
docs citations

173
times ranked

9824
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	7.3	634
2	Resmetirom (MGL-3196) for the treatment of non-alcoholic steatohepatitis: a multicentre, randomised, double-blind, placebo-controlled, phase 2 trial. <i>Lancet, The</i> , 2019, 394, 2012-2024.	13.7	401
3	NGM282 for treatment of non-alcoholic steatohepatitis: a multicentre, randomised, double-blind, placebo-controlled, phase 2 trial. <i>Lancet, The</i> , 2018, 391, 1174-1185.	13.7	338
4	Emerging applications for ferumoxytol as a contrast agent in MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 884-898.	3.4	307
5	Deep learning in radiology: An overview of the concepts and a survey of the state of the art with focus on MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 939-954.	3.4	306
6	Gadolinium-based contrast agents: A comprehensive risk assessment. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 338-353.	3.4	278
7	Current and potential imaging applications of ferumoxytol for magnetic resonance imaging. <i>Kidney International</i> , 2017, 92, 47-66.	5.2	230
8	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
9	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
10	Accuracy of the Liver Imaging Reporting and Data System in Computed Tomography and Magnetic Resonance Image Analysis of Hepatocellular Carcinoma or Overall Malignancy—A Systematic Review. <i>Gastroenterology</i> , 2019, 156, 976-986.	1.3	221
11	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.	1.3	209
12	NGM282 Improves Liver Fibrosis and Histology in 12 Weeks in Patients With Nonalcoholic Steatohepatitis. <i>Hepatology</i> , 2020, 71, 1198-1212.	7.3	187
13	2017 Version of LI-RADS for CT and MR Imaging: An Update. <i>Radiographics</i> , 2017, 37, 1994-2017.	3.3	185
14	Liver fat quantification using a multi-step adaptive fitting approach with multi-echo GRE imaging. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1353-1365.	3.0	176
15	Safety and technique of ferumoxytol administration for MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2107-2111.	3.0	171
16	Efficacy and Safety of Aldafermin, an Engineered FGF19 Analog, in a Randomized, Double-Blind, Placebo-Controlled Trial of Patients With Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2021, 160, 219-231.e1.	1.3	167
17	A North American Expert Opinion Statement on Sarcopenia in Liver Transplantation. <i>Hepatology</i> , 2019, 70, 1816-1829.	7.3	163
18	Respiratory Motion Artifact Affecting Hepatic Arterial Phase Imaging with Gadoxetate Disodium: Examination Recovery with a Multiple Arterial Phase Acquisition. <i>Radiology</i> , 2014, 271, 426-434.	7.3	157

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19	Reproducibility of Dynamic Contrast-enhanced MR Imaging. Part II. Comparison of Intra- and Interobserver Variability with Manual Region of Interest Placement versus Semiautomatic Lesion Segmentation and Histogram Analysis. <i>Radiology</i> , 2013, 266, 812-821.	7.3	137
20	Reproducibility of Dynamic Contrast-enhanced MR Imaging. Part I. Perfusion Characteristics in the Female Pelvis by Using Multiple Computer-aided Diagnosis Perfusion Analysis Solutions. <i>Radiology</i> , 2013, 266, 801-811.	7.3	108
21	Diagnostic Per-Patient Accuracy of an Abbreviated Hepatobiliary Phase Gadoteric Acid-Enhanced MRI for Hepatocellular Carcinoma Surveillance. <i>American Journal of Roentgenology</i> , 2015, 204, 527-535.	2.2	105
22	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.	3.0	99
23	Multicenter Safety and Practice for Off-Label Diagnostic Use of Ferumoxytol in MRI. <i>Radiology</i> , 2019, 293, 554-564.	7.3	99
24	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.	3.7	93
25	Hepatocellular carcinoma in a North American population: Does hepatobiliary MR imaging with Gd-EOB-DTPA improve sensitivity and confidence for diagnosis?. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 398-406.	3.4	91
26	Consensus report from the 7th International Forum for Liver Magnetic Resonance Imaging. <i>European Radiology</i> , 2016, 26, 674-682.	4.5	86
27	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
28	Effects of Resmetirom on Noninvasive Endpoints in a 36-Week Phase 2 Active Treatment Extension Study in Patients With NASH. <i>Hepatology Communications</i> , 2021, 5, 573-588.	4.3	82
29	Multicenter Validation of Association Between Decline in MRI-PDFF and Histologic Response in NASH. <i>Hepatology</i> , 2020, 72, 1219-1229.	7.3	79
30	Quantification of Hepatic Steatosis With a Multistep Adaptive Fitting MRI Approach: Prospective Validation Against MR Spectroscopy. <i>American Journal of Roentgenology</i> , 2015, 204, 297-306.	2.2	77
31	A structurally optimized FXR agonist, MET409, reduced liver fat content over 12 weeks in patients with non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2021, 75, 25-33.	3.7	76
32	Respiratory Motion Artifact Affecting Hepatic Arterial Phase MR Imaging with Gadoteric Acid Disodium Is More Common in Patients with a Prior Episode of Arterial Phase Motion Associated with Gadoteric Acid Disodium. <i>Radiology</i> , 2015, 274, 141-148.	7.3	75
33	LI-RADS Treatment Response Algorithm: Performance and Diagnostic Accuracy. <i>Radiology</i> , 2019, 292, 226-234.	7.3	74
34	Dose-Toxicity Relationship of Gadoteric Acid Disodium and Transient Severe Respiratory Motion Artifact. <i>American Journal of Roentgenology</i> , 2014, 203, 796-802.	2.2	73
35	Endoleaks After Endovascular Abdominal Aortic Aneurysm Repair: Management Strategies According to CT Findings. <i>American Journal of Roentgenology</i> , 2009, 192, W178-W186.	2.2	72
36	Is Diaphragm Motion a Good Surrogate for Liver Tumor Motion?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 952-958.	0.8	67

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37	Increased Glutaminolysis Marks Active Scarring in Nonalcoholic Steatohepatitis Progression. Cellular and Molecular Gastroenterology and Hepatology, 2020, 10, 1-21.	4.5	58
38	POCSâ€based reconstruction of multiplexed sensitivity encoded MRI (POCSMUSE): A general algorithm for reducing motionâ€related artifacts. Magnetic Resonance in Medicine, 2015, 74, 1336-1348.	3.0	57
39	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
40	The LI-RADS Version 2018 MRI Treatment Response Algorithm: Evaluation of Ablated Hepatocellular Carcinoma. Radiology, 2020, 294, 320-326.	7.3	56
41	Association Between Magnetic Resonance Imagingâ€Proton Density Fat Fraction and Liver Histology Features in Patients With Nonalcoholic Fatty Liver Disease or Nonalcoholic Steatohepatitis. Gastroenterology, 2018, 155, 1428-1435.e2.	1.3	55
42	Hepatic gadoxetic acid uptake as a measure of diffuse liver disease: Where are we?. Journal of Magnetic Resonance Imaging, 2017, 45, 646-659.	3.4	54
43	Rate of Contrast Material Extravasations and Allergic-like Reactions: Effect of Extrinsic Warming of Low-Osmolality Iodinated CT Contrast Material to 37Â°C. Radiology, 2012, 262, 475-484.	7.3	53
44	Renal Transplant Imaging Using Magnetic Resonance Angiography With a Nonnephrotoxic Contrast Agent. Transplantation, 2013, 96, 91-96.	1.0	52
45	Magnetic resonance imaging of acute appendicitis in pregnancy: a 5-year multiinstitutional study. American Journal of Obstetrics and Gynecology, 2015, 213, 693.e1-693.e6.	1.3	51
46	Radiation Dose Reduction in Abdominal Computed Tomography During the Late Hepatic Arterial Phase Using a Model-Based Iterative Reconstruction Algorithm. Investigative Radiology, 2012, 47, 468-474.	6.2	49
47	Liver MRI in the hepatocyte phase with gadoliniumâ€EOBâ€DTPA: Does increasing the flip angle improve conspicuity and detection rate of hypointense lesions?. Journal of Magnetic Resonance Imaging, 2012, 35, 611-616.	3.4	49
48	Retrospective assessment of the utility of an ironâ€based agent for contrastâ€enhanced magnetic resonance venography in patients with endstage renal diseases. Journal of Magnetic Resonance Imaging, 2014, 40, 113-118.	3.4	46
49	Differences in Liver Imaging and Reporting Data System Categorization Between MRI and CT. American Journal of Roentgenology, 2016, 206, 307-312.	2.2	46
50	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
51	Liver Imaging Reporting and Data System: an expert consensus statement. Journal of Hepatocellular Carcinoma, 2017, Volume 4, 29-39.	3.7	46
52	Improved liver lesion conspicuity by increasing the flip angle during hepatocyte phase MR imaging. European Radiology, 2011, 21, 291-294.	4.5	45
53	Investigation of sagittal image acquisition for 4Dâ€MRI with body area as respiratory surrogate. Medical Physics, 2014, 41, 101902.	3.0	45
54	Gadoxetate-enhanced abbreviated MRI is highly accurate for hepatocellular carcinoma screening. European Radiology, 2020, 30, 6003-6013.	4.5	43

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55	T2-weighted four dimensional magnetic resonance imaging with result-driven phase sorting. Medical Physics, 2015, 42, 4460-4471.	3.0	42
56	Interexamination repeatability and spatial heterogeneity of liver iron and fat quantification using MRI-based multistep adaptive fitting algorithm. Journal of Magnetic Resonance Imaging, 2015, 42, 1281-1290.	3.4	42
57	Concordance of hypervascular liver nodule characterization between the organ procurement and transplant network and liver imaging reporting and data system classifications. Journal of Magnetic Resonance Imaging, 2015, 42, 305-314.	3.4	42
58	Iodine Quantification Using Dual-Energy Multidetector Computed Tomography Imaging. Investigative Radiology, 2012, 47, 656-661.	6.2	40
59	Four-Dimensional Magnetic Resonance Imaging Using Axial Body Area as Respiratory Surrogate: Initial Patient Results. International Journal of Radiation Oncology Biology Physics, 2014, 88, 907-912.	0.8	40
60	Alafermin in patients with non-alcoholic steatohepatitis (ALPINE 2/3): a randomised, double-blind, placebo-controlled, phase 2b trial. The Lancet Gastroenterology and Hepatology, 2022, 7, 603-616.	8.1	40
61	Correlation between quantitative whole-body muscle magnetic resonance imaging and clinical muscle weakness in pompe disease. Muscle and Nerve, 2015, 51, 722-730.	2.2	39
62	Linearity and Bias of Proton Density Fat Fraction as a Quantitative Imaging Biomarker: A Multicenter, Multiplatform, Multivendor Phantom Study. Radiology, 2021, 298, 640-651.	7.3	39
63	The Project Baseline Health Study: a step towards a broader mission to map human health. Npj Digital Medicine, 2020, 3, 84.	10.9	38
64	Contrast-enhanced free-breathing 3D T1-weighted gradient-echo sequence for hepatobiliary MRI in patients with breath-holding difficulties. European Radiology, 2013, 23, 3087-3093.	4.5	36
65	Isolated recto-sigmoid colitis: a new imaging pattern of ipilimumab-associated colitis. Abdominal Radiology, 2016, 41, 207-214.	2.1	36
66	Prediction of Microvascular Invasion in Hepatocellular Carcinoma via Deep Learning: A Multi-Center and Prospective Validation Study. Cancers, 2021, 13, 2368.	3.7	36
67	How reader perception of capsule affects interpretation of washout in hypervascular liver nodules in patients at risk for hepatocellular carcinoma. Journal of Magnetic Resonance Imaging, 2016, 43, 1337-1345.	3.4	35
68	Diagnostic Accuracy of Intra-abdominal Fluid Collection Characterization in the Era of Multidetector Computed Tomography. American Surgeon, 2012, 78, 185-189.	0.8	34
69	Interdependencies of acquisition, detection, and reconstruction techniques on the accuracy of iodine quantification in varying patient sizes employing dual-energy CT. European Radiology, 2015, 25, 679-686.	4.5	34
70	LI-RADS 2017: An update. Journal of Magnetic Resonance Imaging, 2018, 47, 1459-1474.	3.4	34
71	Natural history of liver imaging reporting and data system category 4 nodules in MRI. Abdominal Radiology, 2016, 41, 1758-1766.	2.1	33
72	Comparison of ferumoxytol-enhanced MRA with conventional angiography for assessment of severity of transplant renal artery stenosis. Journal of Magnetic Resonance Imaging, 2017, 45, 779-785.	3.4	33

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73	Radiomics: a primer on high-throughput image phenotyping. <i>Abdominal Radiology</i> , 2022, 47, 2986-3002.	2.1	33
74	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
75	Predicting microvascular invasion in hepatocellular carcinoma: A dual-institution study on gadoxetate disodium-enhanced MRI. <i>Liver International</i> , 2022, 42, 1158-1172.	3.9	30
76	Hepatic MR imaging for in vivo differentiation of steatosis, iron deposition and combined storage disorder: Single-ratio in/opposed phase analysis vs. dual-ratio Dixon discrimination. <i>European Journal of Radiology</i> , 2012, 81, e101-e109.	2.6	29
77	Quantitative Dynamic Contrast-Enhanced MRI of Pelvic and Lumbar Bone Marrow: Effect of Age and Marrow Fat Content on Pharmacokinetic Parameter Values. <i>American Journal of Roentgenology</i> , 2013, 200, W297-W303.	2.2	29
78	ACR Appropriateness Criteria® Acute Pancreatitis. <i>Journal of the American College of Radiology</i> , 2019, 16, S316-S330.	1.8	28
79	LI-RADS: Diagnostic Performance of Hepatobiliary Phase Hypointensity and Major Imaging Features of LR-3 and LR-4 Lesions Measuring 10-19 mm With Arterial Phase Hyperenhancement. <i>American Journal of Roentgenology</i> , 2019, 213, W57-W65.	2.2	28
80	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.	3.4	28
81	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.	2.1	28
82	Global Health Training in Radiology Residency Programs. <i>Academic Radiology</i> , 2011, 18, 782-791.	2.5	27
83	Effect of Organ Enhancement and Habitus on Estimation of Unenhanced Attenuation at Contrast-Enhanced Dual-Energy MDCT: Concepts for Individualized and Organ-Specific Spectral Iodine Subtraction Strategies. <i>American Journal of Roentgenology</i> , 2011, 196, W558-W564.	2.2	27
84	Liver imaging reporting and data system category 4 observations in MRI: Risk factors predicting upgrade to category 5. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 783-792.	3.4	27
85	Respiratory motion artifacts during arterial phase imaging with gadoxetic acid: Can the injection protocol minimize this drawback?. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1107-1114.	3.4	27
86	Diagnostic performance of MDCT in identifying closed loop small bowel obstruction. <i>Abdominal Radiology</i> , 2016, 41, 1253-1260.	2.1	26
87	Structured reporting of CT enterography for inflammatory bowel disease: effect on key feature reporting, accuracy across training levels, and subjective assessment of disease by referring physicians. <i>Abdominal Radiology</i> , 2017, 42, 2243-2250.	2.1	24
88	Comparison of Visualization Rates of LI-RADS Version 2014 Major Features With IV Gadobenate Dimeglumine or Gadoxetate Disodium in Patients at Risk for Hepatocellular Carcinoma. <i>American Journal of Roentgenology</i> , 2018, 210, 1266-1272.	2.2	24
89	Optimal Timing and Diagnostic Adequacy of Hepatocyte Phase Imaging with Gadoxetate-Enhanced Liver MRI. <i>Academic Radiology</i> , 2014, 21, 726-732.	2.5	23
90	Diagnostic performance of imaging criteria for distinguishing autoimmune cholangiopathy from primary sclerosing cholangitis and bile duct malignancy. <i>Abdominal Imaging</i> , 2015, 40, 3052-3061.	2.0	22

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91	Vascular Artifact Mimicking Thrombosis on MR Imaging Using Ferumoxytol as a Contrast Agent in Abdominal Vascular Assessment. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 969-976.	0.5	21
92	Online Liver Imaging Course; Pivoting to Transform Radiology Education During the SARS-CoV-2 Pandemic. <i>Academic Radiology</i> , 2021, 28, 119-127.	2.5	21
93	Diagnostic accuracy of intra-abdominal fluid collection characterization in the era of multidetector computed tomography. <i>American Surgeon</i> , 2012, 78, 185-9.	0.8	21
94	MDCT Evaluation of the Pancreas: Nuts and Bolts. <i>Radiologic Clinics of North America</i> , 2012, 50, 365-377.	1.8	20
95	JOURNAL CLUB: MRI Assessment of Biliary Ductal Obstruction: Is There Added Value of T1-Weighted Gadolinium-Ethoxybenzyl-Diethylenetriamine Pentaacetic Acid-Enhanced MR Cholangiography?. <i>American Journal of Roentgenology</i> , 2013, 201, W49-W56.	2.2	20
96	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.	3.4	20
97	Spectrum of Pitfalls, Pseudolesions, and Potential Misdiagnoses in Cirrhosis. <i>American Journal of Roentgenology</i> , 2018, 211, 87-96.	2.2	19
98	An update for LI-RADS: Version 2018. Why so soon after version 2017?. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1990-1991.	3.4	19
99	Relative Sarcopenia With Excess Adiposity Predicts Survival After Transjugular Intrahepatic Portosystemic Shunt Creation. <i>American Journal of Roentgenology</i> , 2020, 214, 200-205.	2.2	19
100	Magnetic Resonance Contrast Agents for Liver Imaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2014, 22, 283-293.	1.1	18
101	User and system pitfalls in liver imaging with LI-RADS. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1673-1686.	3.4	18
102	Use of Skeletal Muscle Index as a Predictor of Waitlist Mortality in Patients With End-Stage Liver Disease. <i>Liver Transplantation</i> , 2020, 26, 1090-1099.	2.4	18
103	Inter- and intra-rater reproducibility of quantitative dynamic contrast enhanced MRI using TWIST perfusion data in a uterine fibroid model. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 329-335.	3.4	17
104	Four-dimensional diffusion-weighted MR imaging (4D-DWI): a feasibility study. <i>Medical Physics</i> , 2017, 44, 397-406.	3.0	17
105	Deep learning-based AI model for signet ring cell carcinoma diagnosis and chemotherapy response prediction in gastric cancer. <i>Medical Physics</i> , 2022, 49, 1535-1546.	3.0	17
106	Effectiveness of a three-dimensional dual gradient echo two-point Dixon technique for the characterization of adrenal lesions at 3 Tesla. <i>European Radiology</i> , 2012, 22, 259-268.	4.5	16
107	Management implications and outcomes of LI-RADS-2, -3, -4, and -M category observations. <i>Abdominal Radiology</i> , 2018, 43, 143-148.	2.1	15
108	Diagnosis of LI-RADS M lesions on gadoxetate-enhanced MRI: identifying cholangiocarcinoma-containing tumor with serum markers and imaging features. <i>European Radiology</i> , 2021, 31, 3638-3648.	4.5	15

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109	Impact of Reference Standard on CT, MRI, and Contrast-enhanced US LI-RADS Diagnosis of Hepatocellular Carcinoma: A Meta-Analysis. <i>Radiology</i> , 2022, 303, 544-545.	7.3	15
110	Can combining triple-arterial phase acquisition with fluoroscopic triggering provide both optimal early and late hepatic arterial phase images during gadoteric acid-enhanced MRI?. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 1073-1081.	3.4	14
111	Accurate fatty acid composition estimation of adipose tissue in the abdomen based on bipolar multi-echo MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2330-2346.	3.0	13
112	Artificial intelligence in assessment of hepatocellular carcinoma treatment response. <i>Abdominal Radiology</i> , 2021, 46, 3660-3671.	2.1	13
113	Liver imaging: it is time to adopt standardized terminology. <i>European Radiology</i> , 2022, 32, 6291-6301.	4.5	13
114	Graft Kidney Torsion After Simultaneous Kidney-Pancreas Transplant. <i>Journal of Computer Assisted Tomography</i> , 2015, 39, 506-509.	0.9	12
115	LI-RADS: a glimpse into the future. <i>Abdominal Radiology</i> , 2018, 43, 231-236.	2.1	12
116	ACR Appropriateness Criteria® Chronic Liver Disease. <i>Journal of the American College of Radiology</i> , 2020, 17, S70-S80.	1.8	12
117	Repeatability of Computerized Tomography-Based Anthropomorphic Measurements of Frailty in Patients With Pulmonary Fibrosis Undergoing Lung Transplantation. <i>Current Problems in Diagnostic Radiology</i> , 2017, 46, 300-304.	1.4	11
118	CT evaluation of the renal donor and recipient. <i>Abdominal Radiology</i> , 2018, 43, 2574-2588.	2.1	11
119	Temperature-corrected proton density fat fraction estimation using chemical shift-encoded MRI in phantoms. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 69-81.	3.0	11
120	LI-RADS treatment response algorithm for detecting incomplete necrosis in hepatocellular carcinoma after locoregional treatment: a systematic review and meta-analysis using individual patient data. <i>Abdominal Radiology</i> , 2021, 46, 3717-3728.	2.1	11
121	Week 4 Liver Fat Reduction on MRI as an Early Predictor of Treatment Response in Participants with Nonalcoholic Steatohepatitis. <i>Radiology</i> , 2021, 300, 361-368.	7.3	11
122	Respiratory-Gated Noncontrast SPACE MR Angiography Sequence at 3T for Evaluation of the Central Veins of the Chest: A Feasibility Study. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 67-73.	3.4	10
123	The role of MR imaging in the assessment of renal allograft vasculature. <i>Abdominal Radiology</i> , 2018, 43, 2589-2596.	2.1	10
124	Multisite multivendor validation of a quantitative MRI and CT compatible fat phantom. <i>Medical Physics</i> , 2021, 48, 4375-4386.	3.0	10
125	Automated liver sampling using a gradient dual-echo Dixon-based technique. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 1469-1477.	3.0	9
126	Automated Patient-Tailored Screening of the Liver for Diffuse Steatosis and Iron Overload Using MRI. <i>American Journal of Roentgenology</i> , 2013, 201, 583-588.	2.2	9

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127	LI-RADS ancillary feature prediction of longitudinal category changes in LR-3 observations: an exploratory study. <i>Abdominal Radiology</i> , 2020, 45, 3092-3102.	2.1	9
128	ACR Appropriateness Criteria® Liver Lesion-Initial Characterization. <i>Journal of the American College of Radiology</i> , 2020, 17, S429-S446.	1.8	9
129	Contrast-Enhanced Magnetic Resonance Angiography. <i>Investigative Radiology</i> , 2012, 47, 121-127.	6.2	8
130	Generating color-coded anatomic muscle maps for correlation of quantitative magnetic resonance imaging analysis with clinical examination in neuromuscular disorders. <i>Muscle and Nerve</i> , 2013, 48, 293-295.	2.2	8
131	Mechanism of Action of the Transobturator Sling for Post-Radical Prostatectomy Incontinence: A Multi-institutional Prospective Study Using Dynamic Magnetic Resonance Imaging. <i>Urology</i> , 2018, 116, 185-192.	1.0	8
132	Accuracy of Automated Liver Contouring, Fat Fraction, and R2* Measurement on Gradient Multiecho Magnetic Resonance Images. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 697-706.	0.9	8
133	Spectrum of Pitfalls, Pseudolesions, and Misdiagnoses in Noncirrhotic Liver. <i>American Journal of Roentgenology</i> , 2018, 211, 97-108.	2.2	8
134	Imaging diamagnetic susceptibility of collagen in hepatic fibrosis using susceptibility tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1322-1330.	3.0	8
135	Missed Incidental Pulmonary Embolism: Harnessing Artificial Intelligence to Assess Prevalence and Improve Quality Improvement Opportunities. <i>Journal of the American College of Radiology</i> , 2021, 18, 992-999.	1.8	8
136	Current Opinions on Medical Radiation: A Survey of Oncologists Regarding Radiation Exposure and Dose Reduction in Oncology Patients. <i>Journal of the American College of Radiology</i> , 2014, 11, 490-495.	1.8	7
137	On confirmation bias in imaging research. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1163-1164.	3.4	7
138	Imaging-guided percutaneous thrombin injection for the treatment of iatrogenic femoral artery pseudoaneurysms. <i>Abdominal Radiology</i> , 2019, 44, 1120-1126.	2.1	7
139	ACR Appropriateness Criteria® Pancreatic Cyst. <i>Journal of the American College of Radiology</i> , 2020, 17, S198-S206.	1.8	7
140	Free-breathing abdominal MRI improved by repeated k-space subsampling and artifact minimization (ReKAM). <i>Medical Physics</i> , 2018, 45, 178-190.	3.0	6
141	Therapies for hepatocellular carcinoma: overview, clinical indications, and comparative outcome evaluation—part one: curative intention. <i>Abdominal Radiology</i> , 2021, 46, 3528-3539.	2.1	6
142	Data-Driven Modification of the LI-RADS Major Feature System on Gadoxetate-Enhanced MRI: Toward Better Sensitivity and Simplicity. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 493-506.	3.4	6
143	Modifying LI-RADS on Gadoxetate-Enhanced MRI: A Secondary Analysis of a Prospective Observational Study. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 399-412.	3.4	6
144	Gradient Shimming During Magnetic Resonance Imaging of the Liver. <i>Investigative Radiology</i> , 2012, 47, 524-529.	6.2	5

#	ARTICLE	IF	CITATIONS
145	Stability of liver proton density fat fraction and changes in R ² * measurements induced by administering gadoxetic acid at 3T MRI. <i>Abdominal Radiology</i> , 2016, 41, 1555-1564.	2.1	5
146	How frequently does hepatocellular carcinoma develop in at-risk patients with a negative liver MRI examination with intravenous Gadobenate dimeglumine?. <i>Abdominal Radiology</i> , 2021, 46, 969-978.	2.1	5
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148	Imaging in Patients with Cirrhosis. <i>Radiologic Clinics of North America</i> , 2015, 53, 919-931.	1.8	4
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150	Pre-transplant hepatic steatosis (fatty liver) is associated with chronic graft-vs-host disease but not mortality. <i>PLoS ONE</i> , 2020, 15, e0238824.	2.5	4
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157	Ferumoxylol-enhanced MR Venography of the Central Veins of the Thorax for the Evaluation of Stenosis and Occlusion in Patients with Renal Impairment. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200339.	2.5	3
158	ACR Appropriateness Criteria® Epigastric Pain. <i>Journal of the American College of Radiology</i> , 2021, 18, S330-S339.	1.8	3
159	Improved accuracy of apparent diffusion coefficient quantification using a fully automatic noise bias compensation method: Preliminary evaluation in prostate diffusion weighted imaging. <i>Journal of Magnetic Resonance</i> , 2019, 305, 22-30.	2.1	2
160	CT versus MRI in Treatment Response Assessment with LI-RADS: The Choice Is Unclear. <i>Radiology</i> , 2021, 299, 346-348.	7.3	2
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164	N-Acetylcysteine in the Management of Acute Liver Failure From Sickle Cell Hepatic Crisis. ACG Case Reports Journal, 2019, 6, e00161.	0.4	1
165	Can MRI Features of Combined Hepatocellular Carcinomaâ€œIntrahepatic Cholangiocarcinoma Help Predict Tumor Behavior Better than Histologic Findings?. Radiology, 2019, 290, 398-399.	7.3	1
166	Applications of 3D printing in small animal magnetic resonance imaging. Journal of Medical Imaging, 2019, 6, 1.	1.5	1
167	LR-3 and LR-4 Lesions Are More Likely to Be Hepatocellular Carcinoma in Transplant Patients with LR-5 or LRâ€œTR Lesions. Digestive Diseases and Sciences, 2022, , 1.	2.3	1
168	Patient Triage for Resection of Metastatic Colorectal Cancer to the Liver: Can We Do Better Using MRI?. Radiology, 2020, 297, 595-596.	7.3	0
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171	Invited Commentary: Key Role of Imaging in Management and Prognosis of Hepatocellular Carcinoma. Radiographics, 2021, 41, E171-E172.	3.3	0
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