Scott B Reeder

List of Publications by Year
in descending order

346 papers	20,933 citations	15001 68 h-index	14779 131 g-index
353 all docs	353 docs citations	353 times ranked	16579 citing authors

#	Article	IF	Citations
1	Abdominal fellowship-trained versus generalist radiologist accuracy when interpreting MR and CT for the diagnosis of appendicitis. European Radiology, 2022, 32, 533-541.	2.3	0
2	Spectroscopyâ€based multiâ€parametric quantification in subjects with liver iron overload at 1.5T and 3T. Magnetic Resonance in Medicine, 2022, 87, 597-613.	1.9	6
3	Editorial for â€œEffects of <scp>B₁</scp> Heterogeneity on Spin <scp>Echoâ€Based</scp> Liver Iron Estimatesâ€. Journal of Magnetic Resonance Imaging, 2022, 55, 1426-1427.	1.9	0
4	Cardiovascular Magnetic Resonance for Patients With COVID-19. JACC: Cardiovascular Imaging, 2022, 15, 685-699.	2.3	79
5	Abdominal applications of quantitative 4D flow MRI. Abdominal Radiology, 2022, 47, 3229-3250.	1.0	10
6	Proton density water fraction as a reproducible MRâ€based measurement of breast density. Magnetic Resonance in Medicine, 2022, 87, 1742-1757.	1.9	6
7	Clinical Applications of 4D Flow MRI in the Portal Venous System. Magnetic Resonance in Medical Sciences, 2022, 21, 340-353.	1.1	11
8	Addressing concomitant gradient phase errors in timeâ€interleaved chemical shiftâ€encoded MRI fat fraction and R 2 * mapping with a passâ€specific phase fitting method. Magnetic Resonance in Medicine, 2022, , .	1.9	2
9	<scp>Magnetic Resonance</scp> Imaging During a Pandemic: Recommendations by the <scp>ISMRM</scp> Safety Committee. Journal of Magnetic Resonance Imaging, 2022, 55, 1322-1339.	1.9	3
10	Editorial for â€œBias, Repeatability and Reproducibility of Liver <scp>T1</scp> Mapping With Variable Flip Anglesâ€. Journal of Magnetic Resonance Imaging, 2022, 56, 1053-1054.	1.9	0
11	Improved free-breathing liver fat and iron quantification using a 2D chemical shiftâ€“encoded MRI with flip angle modulation and motion-corrected averaging. European Radiology, 2022, 32, 5458-5467.	2.3	1
12	Characterization of mesenteric and portal hemodynamics using 4D flow MRI: the effects of meals and diurnal variation. Abdominal Radiology, 2022, 47, 2106-2114.	1.0	6
13	Determining Biomarkers of Myosteatosis for Sarcopenia and Cachexia Using MRI and Ultrasound. FASEB Journal, 2022, 36, .	0.2	0
14	Myosteatosis as a Shared Biomarker for Sarcopenia and Cachexia Using MRI and Ultrasound. Frontiers in Rehabilitation Sciences, 2022, 3, .	0.5	1
15	Magnetic Resonance Imaging as an Alternative to <scp>Contrastâ€Enhanced</scp> Computed Tomography to Mitigate Iodinated Contrast Shortages in the United States: Recommendations From the International Society for Magnetic Resonance in Medicine. Journal of Magnetic Resonance Imaging, 2022, 56, 655-656.	1.9	4
16	Magnetic Resonance Imaging of Liver Fibrosis, Fat, and Iron. Radiologic Clinics of North America, 2022, 60, 705-716.	0.9	4
17	Recommendations for Imaging Patients With Cardiac Implantable Electronic Devices (<scp>CIEDs</scp>). Journal of Magnetic Resonance Imaging, 2021, 53, 1311-1317.	1.9	12
18	Feasibility and optimization of ultra-short echo time MRI for improved imaging of IVC-filters at 3.0ÂT. Abdominal Radiology, 2021, 46, 362-372.	1.0	1

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19	Complex confounder-corrected R2* mapping for liver iron quantification with MRI. European Radiology, 2021, 31, 264-275.	2.3	20
20	Freeâ€breathing liver fat and quantification using motionâ€corrected averaging based on a nonlocal means algorithm. Magnetic Resonance in Medicine, 2021, 85, 653-666.	1.9	2
21	A Phase 1 Dose Escalation Study of Neoadjuvant SBRT Plus Elective Nodal Radiation with Concurrent Capecitabine for Resectable Pancreatic Cancer. International Journal of Radiation Oncology Biology Physics, 2021, 109, 458-463.	0.4	8
22	B₀ and B₁ inhomogeneities in the liver at 1.5 T and 3.0 T. Magnetic Resonance in Medicine, 2021, 85, 2212-2220.	1.9	17
23	Design and evaluation of quantitative MRI phantoms to mimic the simultaneous presence of fat, iron, and fibrosis in the liver. Magnetic Resonance in Medicine, 2021, 85, 734-747.	1.9	10
24	Diagnosis of Coronavirus Disease 2019 Pneumonia by Using Chest Radiography: Value of Artificial Intelligence. Radiology, 2021, 298, E88-E97.	3.6	102
25	Accuracies of Chemical Shift In/Opposed Phase and Chemical Shift Encoded Magnetic Resonance Imaging to Detect Intratumoral Fat in Hepatocellular Carcinoma. Journal of Magnetic Resonance Imaging, 2021, 53, 1791-1802.	1.9	5
26	Temperatureâ€corrected proton density fat fraction estimation using chemical shiftâ€encoded MRI in phantoms. Magnetic Resonance in Medicine, 2021, 86, 69-81.	1.9	11
27	Linearity and Bias of Proton Density Fat Fraction as a Quantitative Imaging Biomarker: A Multicenter, Multiplatform, Multivendor Phantom Study. Radiology, 2021, 298, 640-651.	3.6	39
28	Limits of Fat Quantification in the Presence of Iron Overload. Journal of Magnetic Resonance Imaging, 2021, 54, 1166-1174.	1.9	10
29	Magnetic resonance imaging versus computed tomography and ultrasound for the diagnosis of female pelvic pathology. Emergency Radiology, 2021, 28, 789-796.	1.0	4
30	Portosystemic Shunts: Should We Pay Closer Attention with Cross-Sectional Imaging?. Radiology, 2021, 299, 141-142.	3.6	1
31	Magnetic resonance elastography biomarkers for detection of histologic alterations in nonalcoholic fatty liver disease in the absence of fibrosis. European Radiology, 2021, 31, 8408-8419.	2.3	6
32	Reproducibility of liver R2* quantification for liver iron quantification from cardiac R2* acquisitions. Abdominal Radiology, 2021, 46, 4200-4209.	1.0	4
33	Dual contrast liver MRI: a pictorial illustration. Abdominal Radiology, 2021, 46, 4588-4600.	1.0	3
34	Diagnostic Performance of MRI for Esophageal Carcinoma: A Systematic Review and Meta-Analysis. Radiology, 2021, 299, 583-594.	3.6	21
35	Multisite multivendor validation of a quantitative MRI and CT compatible fat phantom. Medical Physics, 2021, 48, 4375-4386.	1.6	10
36	Myocarditis Associated with mRNA COVID-19 Vaccination. Radiology, 2021, 301, E409-E411.	3.6	48

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37	Evaluation for Myocarditis in Competitive Student Athletes Recovering From Coronavirus Disease 2019 With Cardiac Magnetic Resonance Imaging. JAMA Cardiology, 2021, 6, 945.	3.0	161
38	Relaxivityâ€iron calibration in hepatic iron overload: Reproducibility and extension of a Monte Carlo model. NMR in Biomedicine, 2021, 34, e4604.	1.6	7
39	Quantification of Liver Fat Content with CT and MRI: State of the Art. Radiology, 2021, 301, 250-262.	3.6	77
40	Emergence of 3D MR Elastographyâ€“based Quantitative Markers for Diffuse Liver Disease. Radiology, 2021, 301, 163-165.	3.6	6
41	Ferumoxytol-enhanced MR imaging for differentiating intrapancreatic splenules from other tumors. Abdominal Radiology, 2021, 46, 2003-2013.	1.0	1
42	Simultaneous T 1 â€weighted and T 2 â€weighted 3D MRI using RF phaseâ€modulated gradient echo imaging. Magnetic Resonance in Medicine, 2021, 87, 1758.	1.9	0
43	Impact of ferumoxytol magnetic resonance imaging on the rhesus macaque maternalâ€“fetal interfaceâ€. Biology of Reproduction, 2020, 102, 434-444.	1.2	5
44	Diurnal Variation of Proton Density Fat Fraction in the Liver Using Quantitative Chemical Shift Encoded MRI. Journal of Magnetic Resonance Imaging, 2020, 51, 407-414.	1.9	11
45	Combined gadoxetic acid and gadobenate dimeglumine enhanced liver MRI: a parameter optimization study. Abdominal Radiology, 2020, 45, 220-231.	1.0	2
46	Sensitivity of quantitative relaxometry and susceptibility mapping to microscopic iron distribution. Magnetic Resonance in Medicine, 2020, 83, 673-680.	1.9	16
47	Evaluation of a motionâ€robust 2D chemical shiftâ€encoded technique for R2* and field map quantification in ferumoxytolâ€enhanced MRI of the placenta in pregnant rhesus macaques. Journal of Magnetic Resonance Imaging, 2020, 51, 580-592.	1.9	8
48	ACR guidance document on MR safe practices: Updates and critical information 2019. Journal of Magnetic Resonance Imaging, 2020, 51, 331-338.	1.9	61
49	Quantitative ferumoxytol-enhanced MRI in pregnancy: A feasibility study in the nonhuman primate. Magnetic Resonance Imaging, 2020, 65, 100-108.	1.0	13
50	Pharmacokinetics of Ferumoxytol in the Abdomen and Pelvis: A Dosing Study with 1.5- and 3.0-T MRI Relaxometry. Radiology, 2020, 294, 108-116.	3.6	13
51	T₁â€corrected quantitative chemical shiftâ€encoded MRI. Magnetic Resonance in Medicine, 2020, 83, 2051-2063.	1.9	10
52	Phaseâ€based T₂ mapping with gradient echo imaging. Magnetic Resonance in Medicine, 2020, 84, 609-619.	1.9	10
53	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.	1.0	16
54	No Cases of Nephrogenic Systemic Fibrosis after Administration of Gadoxetic Acid. Radiology, 2020, 297, 556-562.	3.6	8

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55	Liver fat quantification: where do we stand?. Abdominal Radiology, 2020, 45, 3386-3399.	1.0	41
56	Effect of noise and estimator type on bias for analysis of liver proton density fat fraction. Magnetic Resonance Imaging, 2020, 74, 244-249.	1.0	0
57	Motionâ€robust, highâ€SNR liver fat quantification using a 2D sequential acquisition with a variable flip angle approach. Magnetic Resonance in Medicine, 2020, 84, 2004-2017.	1.9	5
58	Gadoxetate-enhanced abbreviated MRI is highly accurate for hepatocellular carcinoma screening. European Radiology, 2020, 30, 6003-6013.	2.3	43
59	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.	2.3	2
60	The Impact of the COVID-19 Pandemic on the Radiology Research Enterprise: Radiology Scientific Expert Panel. Radiology, 2020, 296, E134-E140.	3.6	29
61	Interobserver agreement for the direct and indirect signs of pulmonary embolism evaluated using contrast enhanced magnetic angiography. European Journal of Radiology Open, 2020, 7, 100256.	0.7	2
62	Value of MRI in medicine: More than just another test?. Journal of Magnetic Resonance Imaging, 2019, 49, e14-e25.	1.9	78
63	Comparison of gadoliniumâ€enhanced and ferumoxytolâ€enhanced conventional and UTEâ€MRA for the depiction of the pulmonary vasculature. Magnetic Resonance in Medicine, 2019, 82, 1660-1670.	1.9	14
64	Characterizing a short T₂* signal component in the liver using ultrashort TE chemical shiftâ€encoded MRI at 1.5T and 3.0T. Magnetic Resonance in Medicine, 2019, 82, 2032-2045.	1.9	7
65	Measurement of spleen fat on MRI-proton density fat fraction arises from reconstruction of noise. Abdominal Radiology, 2019, 44, 3295-3303.	1.0	7
66	Letter to the Editor: Intrapancreatic Accessory Spleen Masquerading as a Pancreatic Neuroendocrine Tumor. Journal of Gastrointestinal Surgery, 2019, 23, 1717-1718.	0.9	0
67	Prospective evaluation of MRI compared with CT for the etiology of abdominal pain in emergency department patients with concern for appendicitis. Journal of Magnetic Resonance Imaging, 2019, 50, 1651-1658.	1.9	4
68	Clinical Implementation of a Focused MRI Protocol for Hepatic Fat and Iron Quantification. American Journal of Roentgenology, 2019, 213, 90-95.	1.0	13
69	Pilot study on longitudinal change in pancreatic proton density fat fraction during a weightâ€loss surgery program in adults with obesity. Journal of Magnetic Resonance Imaging, 2019, 50, 1092-1102.	1.9	16
70	Quantitative MRI Biomarkers of Diffuse Liver Disease. Advances in Clinical Radiology, 2019, 1, 55-69.	0.1	2
71	Noncontrast Chest Computed Tomographic Imaging of Obesity and the Metabolic Syndrome. Journal of Thoracic Imaging, 2019, 34, 126-135.	0.8	10
72	Monitoring Fatty Liver Disease with MRI Following Bariatric Surgery: A Prospective, Dual-Center Study. Radiology, 2019, 290, 682-690.	3.6	22

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73	Perfusion of the placenta assessed using arterial spin labeling and ferumoxytol dynamic contrast enhanced magnetic resonance imaging in the rhesus macaque. Magnetic Resonance in Medicine, 2019, 81, 1964-1978.	1.9	23
74	Quantification of Liver Function with MRI: Is It Ready?. Radiology, 2019, 290, 134-135.	3.6	3
75	Four-dimensional Flow MRI as a Marker for Risk Stratification of Gastroesophageal Varices in Patients with Liver Cirrhosis. Radiology, 2019, 290, 101-107.	3.6	38
76	Hepatic steatosis and reduction in steatosis following bariatric weight loss surgery differs between segments and lobes. European Radiology, 2019, 29, 2474-2480.	2.3	11
77	Assessment of a highâ€SNR chemicalâ€shiftâ€encoded MRI with complex reconstruction for proton density fat fraction (PDFF) estimation overall and in the lowâ€fat range. Journal of Magnetic Resonance Imaging, 2019, 49, 229-238.	1.9	9
78	Feasibility of high spatiotemporal resolution for an abbreviated 3<scp>D</scp> radial breast <scp>MRI</scp> protocol. Magnetic Resonance in Medicine, 2018, 80, 1452-1466.	1.9	17
79	Prospective Comparison of the Diagnostic Accuracy of MR Imaging versus CT for Acute Appendicitis. Radiology, 2018, 288, 467-475.	3.6	36
80	Validation of a motionâ€robust 2D sequential technique for quantification of hepatic proton density fat fraction during free breathing. Journal of Magnetic Resonance Imaging, 2018, 48, 1578-1585.	1.9	16
81	Noise properties of proton density fat fraction estimated using chemical shiftâ€“encoded MRI. Magnetic Resonance in Medicine, 2018, 80, 685-695.	1.9	17
82	Noninvasive, Quantitative Assessment of Liver Fat by MRIâ€PDFF as an Endpoint in NASH Trials. Hepatology, 2018, 68, 763-772.	3.6	299
83	Relaxivity of Ferumoxytol at 1.5 T and 3.0 T. Investigative Radiology, 2018, 53, 257-263.	3.5	61
84	Surgical planning for living donor liver transplant using 4D flow MRI, computational fluid dynamics and in vitro experiments. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2018, 6, 545-555.	1.3	24
85	Comparison of ferumoxytolâ€based cerebral blood volume estimates using quantitative R₁ and relaxometry. Magnetic Resonance in Medicine, 2018, 79, 3072-3081.	1.9	7
86	MRI proton density fat fraction is robust across the biologically plausible range of triglyceride spectra in adults with nonalcoholic steatohepatitis. Journal of Magnetic Resonance Imaging, 2018, 47, 995-1002.	1.9	27
87	Optimization of regionâ€ofâ€interest sampling strategies for hepatic MRI proton density fat fraction quantification. Journal of Magnetic Resonance Imaging, 2018, 47, 988-994.	1.9	20
88	Fully phaseâ€encoded MRI near metallic implants using ultrashort echo times and broadband excitation. Magnetic Resonance in Medicine, 2018, 79, 2156-2163.	1.9	9
89	Linearity, Bias, and Precision of Hepatic Proton Density Fat Fraction Measurements by Using MR Imaging: A Meta-Analysis. Radiology, 2018, 286, 486-498.	3.6	225
90	How bariatric surgery affects liver volume and fat density in NAFLD patients. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 1675-1682.	1.3	46

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91	Deep Brain Nuclei T1 Shortening after Gadobenate Dimeglumine in Children: Influence of Radiation and Chemotherapy. American Journal of Neuroradiology, 2018, 39, 24-30.	1.2	13
92	Vascular input function correction of inflow enhancement for improved pharmacokinetic modeling of liver <scp>DCE</scp>â€<scp>MRI</scp>. Magnetic Resonance in Medicine, 2018, 79, 3093-3102.	1.9	7
93	IDEAL-IQ in an oncologic population: meeting the challenge of concomitant liver fat and liver iron. Cancer Imaging, 2018, 18, 51.	1.2	36
94	Interâ€method reproducibility of biexponential <scp>R</scp>₂ MR relaxometry for estimation of liver iron concentration. Magnetic Resonance in Medicine, 2018, 80, 2691-2701.	1.9	11
95	Quantification of Liver Fat Content With Unenhanced MDCT: Phantom and Clinical Correlation With MRI Proton Density Fat Fraction. American Journal of Roentgenology, 2018, 211, W151-W157.	1.0	73
96	MRI of the Nontraumatic Acute Abdomen. Gastroenterology Clinics of North America, 2018, 47, 667-690.	1.0	8
97	Clinical outcomes after magnetic resonance angiography (MRA) versus computed tomographic angiography (CTA) for pulmonary embolism evaluation. Emergency Radiology, 2018, 25, 469-477.	1.0	15
98	MRI liver fat quantification in an oncologic population: the added value of complex chemical shift-encoded MRI. Clinical Imaging, 2018, 52, 193-199.	0.8	14
99	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.	1.9	99
100	Combined gadoxetic acid and gadofosveset enhanced liver MRI for detection and characterization of liver metastases. European Radiology, 2017, 27, 32-40.	2.3	10
101	Guidelines for documentation and consent for nonclinical, nonresearch MRI in human subjects. Journal of Magnetic Resonance Imaging, 2017, 45, 36-41.	1.9	1
102	Accelerating fully phaseâ€encoded MRI near metal using multiband radiofrequency excitation. Magnetic Resonance in Medicine, 2017, 77, 1223-1230.	1.9	6
103	MR visible localization device for radiographic-pathologic correlation of surgical specimens. Magnetic Resonance Imaging, 2017, 37, 159-163.	1.0	1
104	An acetoneâ€based phantom for quantitative diffusion MRI. Journal of Magnetic Resonance Imaging, 2017, 46, 1683-1692.	1.9	13
105	Added value of gadoxetic acid-enhanced T1-weighted magnetic resonance cholangiography for the diagnosis of post-transplant biliary complications. European Radiology, 2017, 27, 4415-4425.	2.3	12
106	Prevalence of Fatty Liver Disease and Hepatic Iron Overload in a Northeastern German Population by Using Quantitative MR Imaging. Radiology, 2017, 284, 706-716.	3.6	91
107	How to write an original radiological research manuscript. European Radiology, 2017, 27, 4455-4460.	2.3	5
108	Crossover comparison of ferumoxytol and gadobenate dimeglumine for abdominal MRâ€angiography at 3.0 tesla: Effects of contrast bolus length and flip angle. Journal of Magnetic Resonance Imaging, 2017, 45, 1617-1626.	1.9	6

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109	Gadolinium deposition in the brain: summary of evidence and recommendations. Lancet Neurology, The, 2017, 16, 564-570.	4.9	600
110	Accuracy of PDFF estimation by magnitudeâ€based and complexâ€based MRI in children with MR spectroscopy as a reference. Journal of Magnetic Resonance Imaging, 2017, 46, 1641-1647.	1.9	19
111	Contrast-enhanced pulmonary MRA for the primary diagnosis of pulmonary embolism: current state of the art and future directions. British Journal of Radiology, 2017, 90, 20160901.	1.0	22
112	The effects of concomitant gradients on chemical shift encoded MRI. Magnetic Resonance in Medicine, 2017, 78, 730-738.	1.9	22
113	Diagnostic Accuracy of MRI Versus CT for the Evaluation of Acute Appendicitis in Children and Young Adults. American Journal of Roentgenology, 2017, 209, 911-919.	1.0	39
114	Chelated or dechelated gadolinium deposition â€“ Authors' reply. Lancet Neurology, The, 2017, 16, 955-956.	4.9	5
115	Standardized Approach for ROI-Based Measurements of Proton Density Fat Fraction and R2* in the Liver. American Journal of Roentgenology, 2017, 209, 592-603.	1.0	68
116	Comparison of radial 4D Flow-MRI with perivascular ultrasound to quantify blood flow in the abdomen and introduction of a porcine model of pre-hepatic portal hypertension. European Radiology, 2017, 27, 5316-5324.	2.3	21
117	MRIâ€based quantitative susceptibility mapping (QSM) and R2* mapping of liver iron overload: Comparison with SQUIDâ€based biomagnetic liver susceptometry. Magnetic Resonance in Medicine, 2017, 78, 264-270.	1.9	61
118	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.	3.6	46
119	Quantification of liver fat in the presence of iron overload. Journal of Magnetic Resonance Imaging, 2017, 45, 428-439.	1.9	39
120	Externally calibrated parallel imaging for 3D multispectral imaging near metallic implants using broadband ultrashort echo time imaging. Magnetic Resonance in Medicine, 2017, 77, 2303-2309.	1.9	7
121	Accuracy of Liver Fat Quantification With Advanced CT, MRI, and Ultrasound Techniques: Prospective Comparison With MR Spectroscopy. American Journal of Roentgenology, 2017, 208, 92-100.	1.0	180
122	Thrombus-mimicking artifacts in two-point Dixon MRI: Prevalence, appearance, and severity. Journal of Magnetic Resonance Imaging, 2017, 45, 229-236.	1.9	5
123	High SNR Acquisitions Improve the Repeatability of Liver Fat Quantification Using Confounder-corrected Chemical Shift-encoded MR Imaging. Magnetic Resonance in Medical Sciences, 2017, 16, 332-339.	1.1	11
124	Intraindividual Crossover Comparison of Gadoxetic Acid Dose for Liver MRI in Normal Volunteers. Magnetic Resonance in Medical Sciences, 2016, 15, 60-72.	1.1	13
125	Sensitivity of chemical shiftâ€encoded fat quantification to calibration of fat MR spectrum. Magnetic Resonance in Medicine, 2016, 75, 845-851.	1.9	52
126	Systematic review and metaâ€analysis of the accuracy of MRI to diagnose appendicitis in the general population. Journal of Magnetic Resonance Imaging, 2016, 43, 1346-1354.	1.9	34

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127	Quantification of liver proton-density fat fraction in 7.1T preclinical MR systems: Impact of the fitting technique. Journal of Magnetic Resonance Imaging, 2016, 44, 1425-1431.	1.9	0
128	Longitudinal Monitoring of Hepatic Blood Flow before and after TIPS by Using 4D-Flow MR Imaging. Radiology, 2016, 281, 574-582.	3.6	41
129	Emerging Applications of Abdominal 4D Flow MRI. American Journal of Roentgenology, 2016, 207, 58-66.	1.0	39
130	Contrast-Enhanced Abdominal MRI for Suspected Appendicitis: How We Do It. American Journal of Roentgenology, 2016, 207, 49-57.	1.0	17
131	Use of chemical shift encoded magnetic resonance imaging (CSE-MRI) for high resolution fat-suppressed imaging of the brachial and lumbosacral plexuses. European Journal of Radiology, 2016, 85, 1199-1207.	1.2	8
132	Trends in the Use of Medical Imaging to Diagnose Appendicitis at an Academic Medical Center. Journal of the American College of Radiology, 2016, 13, 1050-1056.	0.9	14
133	Combined gadoxetic acid and gadofosveset enhanced liver MRI: A feasibility and parameter optimization study. Magnetic Resonance in Medicine, 2016, 75, 318-328.	1.9	10
134	Safety and technique of ferumoxytol administration for MRI. Magnetic Resonance in Medicine, 2016, 75, 2107-2111.	1.9	171
135	Incidence of actionable findings on contrast enhanced magnetic resonance angiography ordered for pulmonary embolism evaluation. European Journal of Radiology, 2016, 85, 1383-1389.	1.2	14
136	Mathematical optimization of contrast concentration for t₁â€weighted spoiled gradient echo imaging. Magnetic Resonance in Medicine, 2016, 75, 1556-1564.	1.9	9
137	Gadolinium Deposition in the Brain: Do We Know Enough to Change Practice?. Radiology, 2016, 279, 323-326.	3.6	26
138	Quantitative Imaging Biomarkers of NAFLD. Digestive Diseases and Sciences, 2016, 61, 1337-1347.	1.1	70
139	Contrast enhanced pulmonary magnetic resonance angiography for pulmonary embolism: Building a successful program. European Journal of Radiology, 2016, 85, 553-563.	1.2	32
140	An Investigation of Transient Severe Motion Related to Gadoxetic Acidâ€“enhanced MR Imaging. Radiology, 2016, 279, 93-102.	3.6	77
141	Pulmonary Embolism Detection with Three-dimensional Ultrashort Echo Time MR Imaging: Experimental Study in Canines. Radiology, 2016, 278, 413-421.	3.6	28
142	Non-contrast-enhanced MRA of renal artery stenosis: validation against DSA in a porcine model. European Radiology, 2016, 26, 547-555.	2.3	28
143	Thermogenic profiling using magnetic resonance imaging of dermal and other adipose tissues. JCI Insight, 2016, 1, e87146.	2.3	26
144	Quantification of liver fat with respiratoryâ€gated quantitative chemical shift encoded MRI. Journal of Magnetic Resonance Imaging, 2015, 42, 1241-1248.	1.9	24

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145	Impaired regulation of portal venous flow in response to a meal challenge as quantified by 4D flow MRI. Journal of Magnetic Resonance Imaging, 2015, 42, spcone-spcone.	1.9	0
146	Flow-induced signal misallocation artifacts in two-point fat-water chemical shift MRI. Magnetic Resonance in Medicine, 2015, 73, 1926-1931.	1.9	6
147	Combined dynamic contrast-enhanced liver MRI and MRA using interleaved variable density sampling. Magnetic Resonance in Medicine, 2015, 73, 973-983.	1.9	7
148	Quantitative magnetic resonance imaging of hepatic steatosis: Validation in ex vivo human livers. Hepatology, 2015, 62, 1444-1455.	3.6	128
149	On confirmation bias in imaging research. Journal of Magnetic Resonance Imaging, 2015, 41, 1163-1164.	1.9	7
150	Reproducibility of MRâ€based liver fat quantification across field strength: Sameâ€day comparison between 1.5T and 3T in obese subjects. Journal of Magnetic Resonance Imaging, 2015, 42, 811-817.	1.9	67
151	Impaired regulation of portal venous flow in response to a meal challenge as quantified by 4D flow MRI. Journal of Magnetic Resonance Imaging, 2015, 42, 1009-1017.	1.9	48
152	Improving chemical shift encoded waterâ€“fat separation using objectâ€based information of the magnetic field inhomogeneity. Magnetic Resonance in Medicine, 2015, 73, 597-604.	1.9	27
153	Quantitative susceptibility mapping in the abdomen as an imaging biomarker of hepatic iron overload. Magnetic Resonance in Medicine, 2015, 74, 673-683.	1.9	98
154	Characterizing the limits of MRI near metallic prostheses. Magnetic Resonance in Medicine, 2015, 74, 1564-1573.	1.9	19
155	In Nonobese Girls, Waist Circumference as a Predictor of Insulin Resistance Is Comparable to MRI Fat Measures and Superior to BMI. Hormone Research in Paediatrics, 2015, 84, 258-265.	0.8	9
156	Cytochrome P450 1B1: An unexpected modulator of liver fatty acid homeostasis. Archives of Biochemistry and Biophysics, 2015, 571, 21-39.	1.4	42
157	Magnetic Resonance Angiography of the Upper Extremity. Magnetic Resonance Imaging Clinics of North America, 2015, 23, 479-493.	0.6	7
158	Pancreatic Steatosis Demonstrated at MR Imaging in the General Population: Clinical Relevance. Radiology, 2015, 276, 129-136.	3.6	113
159	Dermal white adipose tissue: a new component of the thermogenic response. Journal of Lipid Research, 2015, 56, 2061-2069.	2.0	104
160	High specificity targeting and detection of human neuroblastoma using multifunctional anti-GD2 iron-oxide nanoparticles. Nanomedicine, 2015, 10, 2973-2988.	1.7	18
161	Proton density fat-fraction is an accurate biomarker of hepatic steatosis in adolescent girls and young women. European Radiology, 2015, 25, 2921-2930.	2.3	54
162	Longitudinal Changes in Liver Fat Content in Asymptomatic Adults: Hepatic Attenuation on Unenhanced CT as an Imaging Biomarker for Steatosis. American Journal of Roentgenology, 2015, 205, 1167-1172.	1.0	34

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163	Effect of hepatocyte-specific gadolinium-based contrast agents on hepatic fat-fraction and R2âŽ. Magnetic Resonance Imaging, 2015, 33, 43-50.	1.0	16
164	Hepatobiliary MR contrast agents in hypovascular hepatocellular carcinoma. Journal of Magnetic Resonance Imaging, 2015, 41, 251-265.	1.9	46
165	MR system operator: Recommended minimum requirements for performing MRI in human subjects in a research setting. Journal of Magnetic Resonance Imaging, 2015, 41, 899-902.	1.9	10
166	Effects of Inhaled Fluticasone on Upper Airway during Sleep and Wakefulness in Asthma: A Pilot Study. Journal of Clinical Sleep Medicine, 2014, 10, 183-193.	1.4	54
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