

Debiao Li

List of Publications by Year in descending order

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Version: 2024-02-01

176
papers

5,871
citations

76196

40
h-index

102304

66
g-index

178
all docs

178
docs citations

178
times ranked

6900
citing authors

#	ARTICLE	IF	CITATIONS
1	Disparate trends of atherosclerotic plaque evolution in stroke patients under 18-month follow-up: a 3D whole-brain magnetic resonance vessel wall imaging study. <i>Neuroradiology Journal</i> , 2022, 35, 42-52.	0.6	9
2	Nonenhanced Chemical Exchange Saturation Transfer Cardiac Magnetic Resonance Imaging in Patients With Amyloid Lightâ€Chain Amyloidosis. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 567-576.	1.9	4
3	Motionâ€robust quantitative multiparametric brain MRI with motionâ€resolved MR multitasking. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 102-119.	1.9	5
4	Multiparametric mapping in the brain from conventional contrastâ€weighted images using deep learning. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 488-495.	1.9	8
5	Freeâ€breathing multitasking multiâ€echo MRI for wholeâ€liver waterâ€specific T₁, proton density fat fraction, and quantification. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 120-137.	1.9	16
6	Threeâ€dimensional simultaneous brain mapping of T1, T2, and magnetic susceptibility with MR Multitasking. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1375-1389.	1.9	15
7	Subclinical hepatic fibrosis is associated with coronary microvascular dysfunction by myocardial perfusion reserve index: a retrospective cohort study. <i>International Journal of Cardiovascular Imaging</i> , 2022, , 1.	0.7	0
8	Artificial intelligence and imaging for risk prediction of pancreatic cancer: a narrative review. <i>Chinese Clinical Oncology</i> , 2022, 11, 1-1.	0.4	17
9	Simultaneous Multi-Slice Cardiac MR Multitasking for Motion-Resolved, Non-ECG, Free-Breathing T1â€T2 Mapping. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 833257.	1.1	16
10	Coronary High-Intensity Plaques at T1-weighted MRI in Stable Coronary Artery Disease: Comparison with Near-Infrared Spectroscopy Intravascular US. <i>Radiology</i> , 2022, 302, 557-565.	3.6	9
11	Cardiac microstructural alterations in immune-inflammatory myocardial disease: a retrospective case-control study. <i>Cardiovascular Ultrasound</i> , 2022, 20, 9.	0.5	0
12	Morphology-guided deep learning framework for segmentation of pancreas in computed tomography images. <i>Journal of Medical Imaging</i> , 2022, 9, 024002.	0.8	5
13	Coronary Microvascular Dysfunction in Patients With Systemic Lupus Erythematosus and Chest Pain. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 867155.	1.1	7
14	Predicting pancreatic ductal adenocarcinoma using artificial intelligence analysis of pre-diagnostic computed tomography images. <i>Cancer Biomarkers</i> , 2022, 33, 211-217.	0.8	32
15	Intracranial Vessel Wall Segmentation with Deep Learning Using a Novel Tiered Loss Function to Incorporate Class Inclusion. , 2022, , .		1
16	Data-Consistent Non-Cartesian Deep Subspace Learning for Efficient Dynamic MR Image Reconstruction. , 2022, 2022, .		5
17	Sex Differences in Intracranial Atherosclerosis in Patients With Hypertension With Acute Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2022, 11, e025579.	1.6	3
18	Single projection driven real-time multi-contrast (SPIDERM) MR imaging using pre-learned spatial subspace and linear transformation. <i>Physics in Medicine and Biology</i> , 2022, 67, 135008.	1.6	4

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19	Segmentation of Pancreatic Subregions in Computed Tomography Images. <i>Journal of Imaging</i> , 2022, 8, 195.	1.7	1
20	Cardiac MRI Reveals Late Diastolic Changes in Left Ventricular Relaxation Patterns During Healthy Aging. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 766-774.	1.9	5
21	Free-breathing diffusion tensor MRI of the whole left ventricle using second-order motion compensation and multitasking respiratory motion correction. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2634-2648.	1.9	16
22	Three-dimensional whole-brain simultaneous T1, T2, and T1 ρ quantification using MR Multitasking: Method and initial clinical experience in tissue characterization of multiple sclerosis. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1938-1952.	1.9	23
23	Five-dimensional quantitative low-dose Multitasking dynamic contrast-enhanced MRI: Preliminary study on breast cancer. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3096-3111.	1.9	8
24	Acute ischemic stroke versus transient ischemic attack: Differential plaque morphological features in symptomatic intracranial atherosclerotic lesions. <i>Atherosclerosis</i> , 2021, 319, 72-78.	0.4	18
25	Relationship between coronary hyper-intensive plaques identified by cardiovascular magnetic resonance and clinical severity of acute coronary syndrome. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 12.	1.6	2
26	Electrocardiogram-less, free-breathing myocardial extracellular volume fraction mapping in small animals at high heart rates using motion-resolved cardiovascular magnetic resonance multitasking: a feasibility study in a heart failure with preserved ejection fraction rat model. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 8.	1.6	8
27	Motion-compensated 3D turbo spin-echo for more robust MR intracranial vessel wall imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 637-647.	1.9	7
28	Artificial Intelligence and Early Detection of Pancreatic Cancer. <i>Pancreas</i> , 2021, 50, 251-279.	0.5	71
29	Retrospective assessment of at-risk myocardium in reperfused acute myocardial infarction patients using contrast-enhanced balanced steady-state free precession cardiovascular magnetic resonance at 3T with SPECT validation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 25.	1.6	3
30	Asymmetric pathological pachymeningeal enhancement: A new imaging feature for cerebral venous thrombosis. <i>Clinical Neurology and Neurosurgery</i> , 2021, 202, 106516.	0.6	3
31	Diastolic dysfunction in women with ischemia and no obstructive coronary artery disease: Mechanistic insight from magnetic resonance imaging. <i>International Journal of Cardiology</i> , 2021, 331, 1-7.	0.8	8
32	Dual flip-angle IR-FLASH with spin history mapping for B1+ corrected T1 mapping: Application to T1 cardiovascular magnetic resonance multitasking. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 3182-3191.	1.9	9
33	Cine Cardiac MRI Motion Artifact Reduction Using a Recurrent Neural Network. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2170-2181.	5.4	36
34	Intradiscal quantitative chemical exchange saturation transfer MRI signal correlates with discogenic pain in human patients. <i>Scientific Reports</i> , 2021, 11, 19195.	1.6	3
35	Validation of choroidal anastomosis on high-resolution magnetic resonance imaging as an imaging biomarker in hemorrhagic moyamoya disease. <i>European Radiology</i> , 2021, 31, 4548-4556.	2.3	14
36	Time-efficient and contrast-free magnetic resonance imaging approach to the diagnosis of deep vein thrombosis on black-blood gradient-echo sequence: a pilot study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 276-289.	1.1	3

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37	Whole-brain steady-state CEST at 3 T using MR Multitasking. <i>Magnetic Resonance in Medicine</i> , 2021, , .	1.9	4
38	Non-lipid-rich low attenuation plaque with intraplaque haemorrhage assessed by multimodality imaging: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab460.	0.3	0
39	Deep learning in hepatocellular carcinoma: Current status and future perspectives. <i>World Journal of Hepatology</i> , 2021, 13, 2039-2051.	0.8	21
40	Free-breathing coronary CT angiography without heart-rate control: Feasibility in selected patients. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 281.	0.7	0
41	Three-dimensional simultaneous brain T_1 , T_2 , and ADC mapping with MR Multitasking. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 72-88.	1.9	40
42	Fully automated multiorgan segmentation in abdominal magnetic resonance imaging with deep neural networks. <i>Medical Physics</i> , 2020, 47, 4971-4982.	1.6	54
43	Deriving new soft tissue contrasts from conventional MR images using deep learning. <i>Magnetic Resonance Imaging</i> , 2020, 74, 121-127.	1.0	1
44	Multicenter Study on the Diagnostic Performance of Native-T1 Cardiac Magnetic Resonance of Chronic Myocardial Infarctions at 3T. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009894.	1.3	10
45	Early detection of pancreatic cancer. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 698-710.	3.7	258
46	Assessment of carotid atherosclerotic disease using three-dimensional cardiovascular magnetic resonance vessel wall imaging: comparison with digital subtraction angiography. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 18.	1.6	8
47	Six-dimensional quantitative DCE MR Multitasking of the entire abdomen: Method and application to pancreatic ductal adenocarcinoma. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 928-948.	1.9	16
48	Magnetic resonance multitasking for multidimensional assessment of cardiovascular system: Development and feasibility study on the thoracic aorta. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2376-2388.	1.9	14
49	Cerebral Venous Thrombosis: MR Black-Blood Thrombus Imaging with Enhanced Blood Signal Suppression. <i>American Journal of Neuroradiology</i> , 2019, 40, 1725-1730.	1.2	9
50	Human iPSCs can be differentiated into notochordal cells that reduce intervertebral disc degeneration in a porcine model. <i>Theranostics</i> , 2019, 9, 7506-7524.	4.6	56
51	Quantitative myocardial tissue characterization by cardiac magnetic resonance in heart transplant patients with suspected cardiac rejection. <i>Clinical Transplantation</i> , 2019, 33, e13704.	0.8	9
52	High-Resolution Magnetic Resonance Imaging of Cervicocranial Artery Dissection. <i>Stroke</i> , 2019, 50, 3101-3107.	1.0	48
53	Recent Advances in Cardiac Magnetic Resonance Imaging. <i>Korean Circulation Journal</i> , 2019, 49, 146.	0.7	15
54	Intracranial Vessel Wall Segmentation Using Convolutional Neural Networks. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 2840-2847.	2.5	31

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55	Accurate needle-free assessment of myocardial oxygenation for ischemic heart disease in canines using magnetic resonance imaging. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	12
56	Spotty Calcium on Cervicocerebral Computed Tomography Angiography Associates With Increased Risk of Ischemic Stroke. <i>Stroke</i> , 2019, 50, 859-866.	1.0	22
57	Whole-brain magnetic resonance imaging of plaque burden and lenticulostriate arteries in patients with different types of stroke. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641983329.	1.5	11
58	Visualization of the lenticulostriate arteries at 3T using black-blood T1-weighted intracranial vessel wall imaging: comparison with 7T TOF-MRA. <i>European Radiology</i> , 2019, 29, 1452-1459.	2.3	38
59	Free-breathing, non-ECG, continuous myocardial T ₁ mapping with cardiovascular magnetic resonance multitasking. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2450-2463.	1.9	54
60	A post-processing method based on interphase motion correction and averaging to improve image quality of 4D magnetic resonance imaging: a clinical feasibility study. <i>British Journal of Radiology</i> , 2019, 92, 20180424.	1.0	2
61	Blockade of a Laminin-411 Notch Axis with CRISPR/Cas9 or a Nanobioconjugate Inhibits Glioblastoma Growth through Tumor-Microenvironment Cross-talk. <i>Cancer Research</i> , 2019, 79, 1239-1251.	0.4	61
62	Quantitative 3D dynamic contrast-enhanced (DCE) MR imaging of carotid vessel wall by fast T1 mapping using Multitasking. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2302-2314.	1.9	30
63	Deep Learning Within a Priori Temporal Feature Spaces for Large-Scale Dynamic MR Image Reconstruction: Application to 5-D Cardiac MR Multitasking. <i>Lecture Notes in Computer Science</i> , 2019, 11765, 495-504.	1.0	15
64	Magnetic resonance multitasking for motion-resolved quantitative cardiovascular imaging. <i>Nature Biomedical Engineering</i> , 2018, 2, 215-226.	11.6	191
65	Carotid Artery Wall Imaging: Perspective and Guidelines from the ASNR Vessel Wall Imaging Study Group and Expert Consensus Recommendations of the American Society of Neuroradiology. <i>American Journal of Neuroradiology</i> , 2018, 39, E9-E31.	1.2	213
66	Atherosclerosis T1-weighted characterization (CATCH): evaluation of the accuracy for identifying intraplaque hemorrhage with histological validation in carotid and coronary artery specimens. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 27.	1.6	13
67	Three-dimensional Cardiomyocytes Structure Revealed By Diffusion Tensor Imaging and Its Validation Using a Tissue-Clearing Technique. <i>Scientific Reports</i> , 2018, 8, 6640.	1.6	22
68	Diffusion Tensor Cardiac Magnetic Resonance Reveals Exosomes From Cardiosphere-Derived Cells Preserve Myocardial Fiber Architecture After Myocardial Infarction. <i>JACC Basic To Translational Science</i> , 2018, 3, 97-109.	1.9	27
69	Hyperintense Plaque on Intracranial Vessel Wall Magnetic Resonance Imaging as a Predictor of Artery-to-Artery Embolic Infarction. <i>Stroke</i> , 2018, 49, 905-911.	1.0	67
70	Blood T1* correction increases accuracy of extracellular volume measurements using 3T cardiovascular magnetic resonance: Comparison of T1 and T1* maps. <i>Scientific Reports</i> , 2018, 8, 3361.	1.6	3
71	Accelerated Cardiac Diffusion Tensor Imaging Using Joint Low-Rank and Sparsity Constraints. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 2219-2230.	2.5	12
72	Impact of incomplete ventricular coverage on diagnostic performance of myocardial perfusion imaging. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 661-669.	0.7	6

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73	Molecular pain markers correlate with pH-sensitive MRI signal in a pig model of disc degeneration. <i>Scientific Reports</i> , 2018, 8, 17363.	1.6	11
74	Novel 4D-MRI of tumor infiltrating vasculature: characterizing tumor and vessel volume motion for selective boost volume definition in pancreatic radiotherapy. <i>Radiation Oncology</i> , 2018, 13, 191.	1.2	3
75	Efficient and Accurate MRI Super-Resolution Using a Generative Adversarial Network and 3D Multi-level Densely Connected Network. <i>Lecture Notes in Computer Science</i> , 2018, , 91-99.	1.0	171
76	Genes involved in prostate cancer progression determine MRI visibility. <i>Theranostics</i> , 2018, 8, 1752-1765.	4.6	43
77	Brain MRI super resolution using 3D deep densely connected neural networks. , 2018, , .		154
78	Chemical exchange saturation transfer fingerprinting for exchange rate quantification. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1352-1363.	1.9	37
79	Calcium removal from cardiac ct images using deep convolutional neural network. , 2018, , .		3
80	Inverse association of MRI-derived native myocardial T1 and perfusion reserve index in women with evidence of ischemia and no obstructive CAD: A pilot study. <i>International Journal of Cardiology</i> , 2018, 270, 48-53.	0.8	11
81	3D whole-brain vessel wall cardiovascular magnetic resonance imaging: a study on the reliability in the quantification of intracranial vessel dimensions. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 39.	1.6	31
82	Quantitative assessment of symptomatic intracranial atherosclerosis and lenticulostriate arteries in recent stroke patients using whole-brain high-resolution cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 35.	1.6	22
83	Cardiovascular magnetic resonance black-blood thrombus imaging for the diagnosis of acute deep vein thrombosis at 1.5 Tesla. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 42.	1.6	12
84	Additive value of 3T cardiovascular magnetic resonance coronary angiography for detecting coronary artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 29.	1.6	16
85	Differential Features of Culprit Intracranial Atherosclerotic Lesions: A Whole-Brain Vessel Wall Imaging Study in Patients With Acute Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	58
86	Inter-scan Reproducibility of Cardiovascular Magnetic Resonance Imaging-Derived Myocardial Perfusion Reserve Index in Women with no Obstructive Coronary Artery Disease. <i>Current Trends in Clinical & Medical Imaging</i> , 2018, 2, .	0.2	3
87	Whole-Brain intracranial vessel wall imaging at 3 T using cerebrospinal fluid-attenuated T1-weighted 3D turbo spin echo. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1142-1150.	1.9	86
88	Whole-Brain vessel wall MRI: A parameter tune-up solution to improve the scan efficiency of three-dimensional variable flip-angle turbo spin echo. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 751-757.	1.9	42
89	Recent Advances in Cardiovascular Magnetic Resonance. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	111
90	Motion-Corrected Imaging of the Aortic Valve with ¹⁸ F-NaF PET/CT and PET/MRI: A Feasibility Study. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1811-1814.	2.8	23

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91	Phosphodiesterase type 5 inhibition may reduce diastolic function in women with ischemia but no obstructive coronary artery disease. <i>Journal of Medical Case Reports</i> , 2017, 11, 144.	0.4	2
92	Arterial CO ₂ as a Potent Coronary Vasodilator: A Preclinical PET/MR Validation Study with Implications for Cardiac Stress Testing. <i>Journal of Nuclear Medicine</i> , 2017, 58, 953-960.	2.8	14
93	The Association between Diffuse Myocardial Fibrosis on Cardiac Magnetic Resonance T1 Mapping and Myocardial Dysfunction in Diabetic Rabbits. <i>Scientific Reports</i> , 2017, 7, 44937.	1.6	15
94	Noninvasive measurement of pressure gradient across a coronary stenosis using phase contrast (PC)-MRI: A feasibility study. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 529-537.	1.9	11
95	Myocardial tissue deformation is reduced in subjects with coronary microvascular dysfunction but not rescued by treatment with ranolazine. <i>Clinical Cardiology</i> , 2017, 40, 300-306.	0.7	22
96	Use of cylindrical coordinates to localize prostate cancers on MRI and prostatectomy pathology. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2017, 35, 673.e15-673.e20.	0.8	2
97	Can PET/MR Imaging Assess Coronary Artery Plaque Biology?. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1113-1115.	2.3	2
98	MR/PET Imaging of the Cardiovascular System. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1165-1179.	2.3	61
99	Automated Segmentation of Light-Sheet Fluorescent Imaging to Characterize Experimental Doxorubicin-Induced Cardiac Injury and Repair. <i>Scientific Reports</i> , 2017, 7, 8603.	1.6	39
100	Coronary Artery Plaque Imaging. <i>Current Atherosclerosis Reports</i> , 2017, 19, 37.	2.0	6
101	Improved vessel-tissue contrast and image quality in 3D radial sampling-based 4D MRI. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 250-257.	0.8	10
102	Coronary Atherosclerosis T1-Weighted Characterization With Integrated Anatomical Reference. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 637-648.	2.3	43
103	First-pass myocardial perfusion MRI with reduced subendocardial dark-rim artifact using optimized Cartesian sampling. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 542-555.	1.9	7
104	Incremental Value of Plaque Enhancement in Patients with Moderate or Severe Basilar Artery Stenosis: 3.0-T High-Resolution Magnetic Resonance Study. <i>BioMed Research International</i> , 2017, 2017, 1-7.	0.9	19
105	Image Quality and Stenosis Assessment of Non-Contrast-Enhanced 3-T Magnetic Resonance Angiography in Patients with Peripheral Artery Disease Compared with Contrast-Enhanced Magnetic Resonance Angiography and Digital Subtraction Angiography. <i>PLoS ONE</i> , 2016, 11, e0166467.	1.1	10
106	Histological validation of cardiac magnetic resonance T ₁ mapping for detecting diffuse myocardial fibrosis in diabetic rabbits. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1179-1185.	1.9	28
107	3D high-resolution diffusion-weighted MRI at 3T: Preliminary application in prostate cancer patients undergoing active surveillance protocol for low-risk prostate cancer. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 616-626.	1.9	16
108	Three-dimensional coronary dark-blood interleaved with gray-blood (cDIG) magnetic resonance imaging at 3 tesla. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 997-1007.	1.9	6

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109	Four-dimensional MRI using three-dimensional radial sampling with respiratory self-gating to characterize temporal phase-resolved respiratory motion in the abdomen. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1574-1585.	1.9	81
110	Improved black-blood imaging using DANTE-SPACE for simultaneous carotid and intracranial vessel wall evaluation. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2286-2294.	1.9	82
111	Quantification of myocardial blood flow using non-electrocardiogram-triggered MRI with three-slice coverage. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2112-2120.	1.9	7
112	Histological validation of cardiac magnetic resonance T1 mapping for detecting diffuse myocardial fibrosis in diabetic rabbits. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, spcone-spcone.	1.9	21
113	Prospective Pilot Trial to Evaluate a High Resolution Diffusion-Weighted MRI in Prostate Cancer Patients. <i>EBioMedicine</i> , 2016, 7, 80-84.	2.7	6
114	Quantitative chemical exchange saturation transfer MRI of intervertebral disc in a porcine model. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1677-1683.	1.9	17
115	In vivo diffusion-tensor MRI of the human heart on a 3 tesla clinical scanner: An optimized second order (M2) motion compensated diffusion-preparation approach. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1354-1363.	1.9	39
116	Magnetic Resonance Diffusion Tensor Imaging Provides New Insights Into the Microstructural Alterations in Dilated Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	1.3	4
117	Diagnostic Performance of Self-navigated Whole-Heart Contrast-enhanced Coronary 3-T MR Angiography. <i>Radiology</i> , 2016, 281, 401-408.	3.6	32
118	High efficiency coronary MR angiography with nonrigid cardiac motion correction. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1345-1353.	1.9	21
119	Part 2 – Coronary angiography with gadofosveset trisodium: a prospective intra-subject comparison for dose optimization for 100 % efficiency imaging. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 58.	0.7	3
120	DANTE-prepared three-dimensional FLASH: A fast isotropic-resolution MR approach to morphological evaluation of the peripheral arterial wall at 3 tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 343-351.	1.9	19
121	Noncontrast MR angiography (MRA) of infraglenoid arteries using flow-sensitive dephasing (FSD)-prepared steady-state free precession (SSFP) at 3.0 Tesla: Comparison with contrast-enhanced MRA. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 364-372.	1.9	14
122	Free-breathing, motion-corrected, highly efficient whole heart T ₂ mapping at 3T with hybrid radial-Cartesian trajectory. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 126-136.	1.9	41
123	Role of Interleukin-1 Signaling in a Mouse Model of Kawasaki Disease-Associated Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 886-897.	1.1	85
124	Nonlocal Means Denoising of Self-Gated and k-Space Sorted 4-Dimensional Magnetic Resonance Imaging Using Block-Matching and 3-Dimensional Filtering: Implications for Pancreatic Tumor Registration and Segmentation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1058-1066.	0.4	8
125	Automated Assessment of Left Ventricular Function and Mass Using Heart Deformation Analysis. <i>Academic Radiology</i> , 2016, 23, 321-325.	1.3	18
126	Automated pericardial fat quantification from coronary magnetic resonance angiography: feasibility study. <i>Journal of Medical Imaging</i> , 2016, 3, 014002.	0.8	7

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127	Myocardial steatosis as a possible mechanistic link between diastolic dysfunction and coronary microvascular dysfunction in women. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H14-H19.	1.5	62
128	Early Detection and Quantification of Cerebral Venous Thrombosis by Magnetic Resonance Black-Blood Thrombus Imaging. <i>Stroke</i> , 2016, 47, 404-409.	1.0	68
129	Motion Correction of ¹⁸ F-NaF PET for Imaging Coronary Atherosclerotic Plaques. <i>Journal of Nuclear Medicine</i> , 2016, 57, 54-59.	2.8	74
130	Editorial commentary: Coronary plaque burden regression and high-risk plaque reversal: Potential biomarkers for secondary prevention?. <i>Trends in Cardiovascular Medicine</i> , 2016, 26, 162-164.	2.3	0
131	Black-blood thrombus imaging (BTI): a contrast-free cardiovascular magnetic resonance approach for the diagnosis of non-acute deep vein thrombosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 4.	1.6	28
132	Optimized CEST cardiovascular magnetic resonance for assessment of metabolic activity in the heart. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 95.	1.6	29
133	Part 1 "Coronary angiography with gadofosveset trisodium: a prospective feasibility study evaluating injection techniques for steady-state imaging. <i>BMC Cardiovascular Disorders</i> , 2015, 15, 177.	0.7	1
134	Increased pericardial fat accumulation is associated with increased intramyocardial lipid content and duration of highly active antiretroviral therapy exposure in patients infected with human immunodeficiency virus: a 3T cardiovascular magnetic resonance feasibility study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 91.	1.6	22
135	Contrast-free detection of myocardial fibrosis in hypertrophic cardiomyopathy patients with diffusion-weighted cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 107.	1.6	48
136	Accelerated whole-heart coronary MRA using motion-corrected sensitivity encoding with three-dimensional projection reconstruction. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 284-291.	1.9	38
137	All-systolic non-ECG-gated myocardial perfusion MRI: Feasibility of multi-slice continuous first-pass imaging. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1661-1674.	1.9	21
138	Quantification of myocardial blood flow using non-ECG-triggered MR imaging. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 765-771.	1.9	7
139	Cardiac Magnetic Resonance Myocardial Perfusion Reserve Index Is Reduced in Women With Coronary Microvascular Dysfunction. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	1.3	184
140	Noncontrast MRA of Pedal Arteries in Type II Diabetes. <i>Academic Radiology</i> , 2015, 22, 513-519.	1.3	2
141	Adaptive online self-gating (ADIOS) for free-breathing noncontrast renal MR angiography. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 312-317.	1.9	4
142	Structured learning algorithm for detection of nonobstructive and obstructive coronary plaque lesions from computed tomography angiography. <i>Journal of Medical Imaging</i> , 2015, 2, 014003.	0.8	71
143	Relationship Between Quantitative Adverse Plaque Features From Coronary Computed Tomography Angiography and Downstream Impaired Myocardial Flow Reserve by ¹³ N-Ammonia Positron Emission Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e003255.	1.3	55
144	pH-weighted molecular imaging of gliomas using amine chemical exchange saturation transfer MRI. <i>Neuro-Oncology</i> , 2015, 17, 1514-1524.	0.6	96

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