

Kevin M Johnson

List of Publications by Year in descending order

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122
papers

4,044
citations

117453

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docs citations

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times ranked

4102
citing authors

#	ARTICLE	IF	CITATIONS
1	Transstenotic Pressure Gradients: Measurement in Swine Retrospectively ECG-gated 3D Phase-Contrast MR Angiography versus Endovascular Pressure-sensing Guidewires. <i>Radiology</i> , 2007, 245, 751-760.	3.6	469
2	Optimized 3D ultrashort echo time pulmonary MRI. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1241-1250.	1.9	266
3	Highly efficient maternal-fetal Zika virus transmission in pregnant rhesus macaques. <i>PLoS Pathogens</i> , 2017, 13, e1006378.	2.1	201
4	Improved 3D phase contrast MRI with off-resonance corrected dual echo VIPR. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 1329-1336.	1.9	168
5	Aortic flow patterns and wall shear stress maps by 4D-flow cardiovascular magnetic resonance in the assessment of aortic dilatation in bicuspid aortic valve disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 28.	1.6	160
6	Improved SNR in phase contrast velocimetry with five-point balanced flow encoding. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 349-355.	1.9	124
7	Detection of Small Pulmonary Nodules with Ultrashort Echo Time Sequences in Oncology Patients by Using a PET/MR System. <i>Radiology</i> , 2016, 278, 239-246.	3.6	124
8	In vivo three-dimensional MR wall shear stress estimation in ascending aortic dilatation. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 589-597.	1.9	97
9	In vivo validation of 4D flow MRI for assessing the hemodynamics of portal hypertension. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 1100-1108.	1.9	93
10	Four-dimensional phase contrast MRI with accelerated dual velocity encoding. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 1462-1471.	1.9	81
11	4D flow MRI for intracranial hemodynamics assessment in Alzheimer's disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1718-1730.	2.4	77
12	Influence of Aortic Dilatation on the Regional Aortic Stiffness of Bicuspid Aortic Valve Assessed by 4-Dimensional Flow Cardiac Magnetic Resonance. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1020-1029.	2.3	77
13	Improved waveform fidelity using local HYPR reconstruction (HYPR LR). <i>Magnetic Resonance in Medicine</i> , 2008, 59, 456-462.	1.9	68
14	Changes in intracranial venous blood flow and pulsatility in Alzheimer's disease: A 4D flow MRI study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2149-2158.	2.4	64
15	Oxygen-enhanced 3D radial ultrashort echo time magnetic resonance imaging in the healthy human lung. <i>NMR in Biomedicine</i> , 2014, 27, 1535-1541.	1.6	62
16	Phase unwrapping in 4D MR flow with a 4D single-step laplacian algorithm. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 833-842.	1.9	62
17	Noncontrast-enhanced three-dimensional (3D) intracranial MR angiography using pseudocontinuous arterial spin labeling and accelerated 3D radial acquisition. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 708-715.	1.9	60
18	Noninvasive Assessment of Transstenotic Pressure Gradients in Porcine Renal Artery Stenoses by Using Vastly Undersampled Phase-Contrast MR Angiography. <i>Radiology</i> , 2011, 261, 266-273.	3.6	56

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19	Aortic pulse wave velocity measurements with undersampled 4D flow-sensitive MRI: comparison with 2D and algorithm determination. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 853-859.	1.9	56
20	Motion robust high resolution 3D free-breathing pulmonary MRI using dynamic 3D image self-navigator. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2954-2967.	1.9	53
21	Iterative motion-compensation reconstruction ultra-short TE (iMoCo UTE) for high-resolution free-breathing pulmonary MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1208-1221.	1.9	52
22	Renal Arteries: Isotropic, High-Spatial-Resolution, Unenhanced MR Angiography with Three-dimensional Radial Phase Contrast. <i>Radiology</i> , 2011, 258, 254-260.	3.6	51
23	High resolution three-dimensional cine phase contrast MRI of small intracranial aneurysms using a stack of stars k -space trajectory. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 518-527.	1.9	51
24	Impaired regulation of portal venous flow in response to a meal challenge as quantified by 4D flow MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1009-1017.	1.9	48
25	Noncontrast dynamic 3D intracranial MR angiography using pseudo-continuous arterial spin labeling (PCASL) and accelerated 3D radial acquisition. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1320-1326.	1.9	46
26	Increased rotational flow in the proximal aortic arch is associated with its dilation in bicuspid aortic valve disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1407-1417.	0.5	46
27	Pulmonary ventilation imaging in asthma and cystic fibrosis using oxygen-enhanced 3D radial ultrashort echo time MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1287-1297.	1.9	45
28	Simultaneous variable flip angle "actual flip angle" imaging method for improved accuracy and precision of three-dimensional T_1 and B_1 measurements. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 54-64.	1.9	44
29	Quantification of Thoracic Blood Flow Using Volumetric Magnetic Resonance Imaging With Radial Velocity Encoding. <i>Investigative Radiology</i> , 2013, 48, 819-825.	3.5	44
30	Wall Shear Stress Predicts Aortic Dilation in Patients With Bicuspid Aortic Valve. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 46-56.	2.3	44
31	PC HYPR flow: A technique for rapid imaging of contrast dynamics. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 447-456.	1.9	42
32	Improved least squares MR image reconstruction using estimates of k -Space data consistency. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 1600-1608.	1.9	42
33	Longitudinal Monitoring of Hepatic Blood Flow before and after TIPS by Using 4D-Flow MR Imaging. <i>Radiology</i> , 2016, 281, 574-582.	3.6	41
34	Structure-Function Imaging of Lung Disease Using Ultrashort Echo Time MRI. <i>Academic Radiology</i> , 2019, 26, 431-441.	1.3	37
35	Enhancement of cerebrovascular 4D flow MRI velocity fields using machine learning and computational fluid dynamics simulation data. <i>Scientific Reports</i> , 2021, 11, 10240.	1.6	36
36	Flow characteristics in a canine aneurysm model: A comparison of 4D accelerated phase-contrast MR measurements and computational fluid dynamics simulations. <i>Medical Physics</i> , 2011, 38, 6300-6312.	1.6	34

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37	Assessment of vascular stiffness in the internal carotid artery proximal to the carotid canal in Alzheimer's disease using pulse wave velocity from low rank reconstructed 4D flow MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 298-311.	2.4	34
38	Impact of sex and APOE ϵ 4 on age-related cerebral perfusion trajectories in cognitively asymptomatic middle-aged and older adults: A longitudinal study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 3016-3027.	2.4	33
39	Measurement of tibiofemoral kinematics using highly accelerated 3D radial sampling. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1310-1316.	1.9	32
40	Comparison of blood velocity measurements between ultrasound Doppler and accelerated phase-contrast MR angiography in small arteries with disturbed flow. <i>Physics in Medicine and Biology</i> , 2011, 56, 1755-1773.	1.6	31
41	Extreme MRI: Large-scale volumetric dynamic imaging from continuous non-gated acquisitions. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1763-1780.	1.9	31
42	In Vitro Assessment of Flow Variability in an Intracranial Aneurysm Model Using 4D Flow MRI and Tomographic PIV. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2484-2493.	1.3	30
43	High-spatial and high-temporal resolution dynamic contrast-enhanced perfusion imaging of the liver with time-resolved three-dimensional radial MRI. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 934-941.	1.9	29
44	Effect of temporal resolution on 4D flow MRI in the portal circulation. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 819-826.	1.9	28
45	Three-dimensional pulmonary perfusion MRI with radial ultrashort echo time and spatial-temporal constrained reconstruction. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 555-564.	1.9	28
46	Pulmonary Embolism Detection with Three-dimensional Ultrashort Echo Time MR Imaging: Experimental Study in Canines. <i>Radiology</i> , 2016, 278, 413-421.	3.6	28
47	Hybrid radial-cones trajectory for accelerated MRI. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1068-1081.	1.9	24
48	Partial Aortic Valve Leaflet Fusion Is Related to Deleterious Alteration of Proximal Aorta Hemodynamics. <i>Circulation</i> , 2019, 139, 2707-2709.	1.6	24
49	Simultaneous MRI of lung structure and perfusion in a single breathhold. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 52-59.	1.9	23
50	Perfusion of the placenta assessed using arterial spin labeling and ferumoxytol dynamic contrast enhanced magnetic resonance imaging in the rhesus macaque. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1964-1978.	1.9	23
51	Respiratory-induced venous blood flow effects using flexible retrospective double-gating. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 211-216.	1.9	22
52	Uteroplacental and Fetal 4D Flow MRI in the Pregnant Rhesus Macaque. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 534-545.	1.9	22
53	MR Selective Flow-Tracking Cartography: A Postprocessing Procedure Applied to Four-dimensional Flow MR Imaging for Complete Characterization of Cranial Dural Arteriovenous Fistulas. <i>Radiology</i> , 2014, 270, 261-268.	3.6	20
54	Application of flow sensitive gradients for improved measures of metabolism using hyperpolarized ^{13}C MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1242-1248.	1.9	20

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55	Pressure Mapping and Hemodynamic Assessment of Intracranial Dural Sinuses and Dural Arteriovenous Fistulas with 4D Flow MRI. <i>American Journal of Neuroradiology</i> , 2018, 39, 485-487.	1.2	20
56	Neurovascular 4DFlow MRI (Phase Contrast MRA): emerging clinical applications. <i>Neurovascular Imaging</i> , 2016, 2, .	2.4	19
57	NonCartesian MR image reconstruction with integrated gradient nonlinearity correction. <i>Medical Physics</i> , 2015, 42, 7190-7201.	1.6	17
58	Feasibility of high spatiotemporal resolution for an abbreviated 3D radial breast MRI protocol. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1452-1466.	1.9	17
59	Low and Oscillatory Wall Shear Stress Is Not Related to Aortic Dilatation in Patients With Bicuspid Aortic Valve. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, e10-e20.	1.1	16
60	Pseudo-Enhancement in Intracranial Aneurysms on Black-Blood MRI: Effects of Flow Rate, Spatial Resolution, and Additional Flow Suppression. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 888-901.	1.9	16
61	False lumen rotational flow and aortic stiffness are associated with aortic growth rate in patients with chronic aortic dissection of the descending aorta: a 4D flow cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 20.	1.6	16
62	Accuracy of model-based tracking of knee kinematics and cartilage contact measured by dynamic volumetric MRI. <i>Medical Engineering and Physics</i> , 2016, 38, 1131-1135.	0.8	15
63	Four-dimensional phase-contrast vastly undersampled isotropic projection reconstruction (4D PC-VIPR) MR evaluation of the renal arteries in transplant recipients: Preliminary results. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 595-603.	1.9	15
64	Optimal Plane Selection for Measuring Post-prandial Blood Flow Increase within the Superior Mesenteric Artery: Analysis Using 4D Flow and Computational Fluid Dynamics. <i>Magnetic Resonance in Medical Sciences</i> , 2020, 19, 366-374.	1.1	14
65	Intracranial vascular flow oscillations in Alzheimer's disease from 4D flow MRI. <i>NeuroImage: Clinical</i> , 2020, 28, 102379.	1.4	14
66	The Impact of Aging on the Association Between Aortic Stiffness and Cerebral Pulsatility Index. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 821151.	1.1	14
67	Quantitative ferumoxytol-enhanced MRI in pregnancy: A feasibility study in the nonhuman primate. <i>Magnetic Resonance Imaging</i> , 2020, 65, 100-108.	1.0	13
68	A multi-vendor, multi-center study on reproducibility and comparability of fast strain-encoded cardiovascular magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 899-911.	0.7	13
69	Ultrashort echo time (UTE) imaging reveals a shift in bound water that is sensitive to sub-clinical tendinopathy in older adults. <i>Skeletal Radiology</i> , 2021, 50, 107-113.	1.2	12
70	Interest of HYPR flow dynamic MRA for characterization of cerebral arteriovenous malformations: comparison with TRICKS MRA and catheter DSA. <i>European Radiology</i> , 2015, 25, 3230-3237.	2.3	10
71	Accelerated Time-Resolved Contrast-Enhanced Magnetic Resonance Angiography of Dural Arteriovenous Fistulas Using Highly Constrained Reconstruction of Sparse Cerebrovascular Data Sets. <i>Investigative Radiology</i> , 2016, 51, 365-371.	3.5	10
72	Time resolved contrast enhanced intracranial MRA using a single dose delivered as sequential injections and highly constrained projection reconstruction (HYPR CE). <i>Magnetic Resonance in Medicine</i> , 2011, 65, 956-963.	1.9	9

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73	Non-Contrast Enhanced 3D SSFP MRA of the Renal Allograft Vasculature: A Comparison Between Radial Linear Combination and Cartesian Inflow-Weighted Acquisitions. <i>Magnetic Resonance Imaging</i> , 2014, 32, 190-195.	1.0	9
74	Aortic flow dynamics and stiffness in Loey's "Dietz syndrome patients: a comparison with healthy volunteers and Marfan syndrome patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, , .	0.5	9
75	Four-dimensional flow magnetic resonance imaging and ultrasound assessment of cerebrospinal venous flow in multiple sclerosis patients and controls. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1483-1493.	2.4	8
76	Time-resolved C-arm cone beam CT angiography (TR-CBCTA) imaging from a single short-scan C-arm cone beam CT acquisition with intra-arterial contrast injection. <i>Physics in Medicine and Biology</i> , 2018, 63, 075001.	1.6	8
77	Non contrast, Pseudo-Continuous Arterial Spin Labeling and Accelerated 3-Dimensional Radial Acquisition Intracranial 3-Dimensional Magnetic Resonance Angiography for the Detection and Classification of Intracranial Arteriovenous Shunts. <i>Investigative Radiology</i> , 2018, 53, 80-86.	3.5	8
78	Evaluation of a motion-robust 2D chemical shift-encoded technique for R2* and field map quantification in ferumoxytol-enhanced MRI of the placenta in pregnant rhesus macaques. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 580-592.	1.9	8
79	Ultrashort TE spectroscopic imaging (UTESI) using complex highly-constrained backprojection with local reconstruction (HYPR LR). <i>Magnetic Resonance in Medicine</i> , 2009, 62, 127-134.	1.9	7
80	Comparison of ferumoxytol-based cerebral blood volume estimates using quantitative R ₂ * and relaxometry. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 3072-3081.	1.9	7
81	Vascular input function correction of inflow enhancement for improved pharmacokinetic modeling of liver DCE-MRI. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 3093-3102.	1.9	7
82	Characterizing a short T ₂ * signal component in the liver using ultrashort TE chemical shift-encoded MRI at 1.5T and 3.0T. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 2032-2045.	1.9	7
83	Time-of-Arrival Parametric Maps and Virtual Bolus Images Derived From Contrast-Enhanced Time-Resolved Radial Magnetic Resonance Angiography Improve the Display of Brain Arteriovenous Malformation Vascular Anatomy. <i>Investigative Radiology</i> , 2016, 51, 706-713.	3.5	6
84	Phase-contrast velocimetry with simultaneous fat/water separation. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1564-1574.	1.9	5
85	Measurements of cerebral blood volume using quantitative susceptibility mapping, R ₂ * relaxometry, and ferumoxytol-enhanced MRI. <i>NMR in Biomedicine</i> , 2019, 32, e4175.	1.6	5
86	Impact of ferumoxytol magnetic resonance imaging on the rhesus macaque maternal-fetal interface. <i>Biology of Reproduction</i> , 2020, 102, 434-444.	1.2	5
87	Measurement of microvascular cerebral blood volume changes over the cardiac cycle with ferumoxytol-enhanced T ₂ * MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3588-3598.	1.9	5
88	Utilisation of advanced MRI techniques to understand neurovascular complications of PHACE syndrome: a case of arterial stenosis and dissection. <i>BMJ Case Reports</i> , 2020, 13, e235992.	0.2	5
89	Motion-robust, high-SNR liver fat quantification using a 2D sequential acquisition with a variable flip angle approach. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2004-2017.	1.9	5
90	Spatial dependency and the role of local susceptibility for velocity selective arterial spin labeling (VSASL) relative tagging efficiency using accelerated 3D radial sampling with a BIRx preparation. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 293-307.	1.9	5

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91	A phantom study comparing radial trajectories for accelerated cardiac 4D flow MRI against a particle imaging velocimetry reference. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 363-371.	1.9	5
92	Daikenchuto increases blood flow in the superior mesenteric artery in humans: A comparison study between four-dimensional phase-contrast vastly undersampled isotropic projection reconstruction magnetic resonance imaging and Doppler ultrasound. <i>PLoS ONE</i> , 2021, 16, e0245878.	1.1	5
93	Simultaneous 3Dâ€œTOF angiography and 4Dâ€œflow MRI with enhanced flow signal using multiple overlapping thin slab acquisition and magnetization transfer. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1401-1417.	1.9	5
94	HYPR TOF: Timeâ€œresolved contrastâ€œenhanced intracranial mr angiography using timeâ€œofâ€œflight as the spatial constraint. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 719-723.	1.9	4
95	Utilization of a balanced steady state free precession signal model for improved fat/water decomposition. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1269-1277.	1.9	4
96	Leaflet fusion length is associated with aortic dilation and flow alterations in non-dysfunctional bicuspid aortic valve. <i>European Radiology</i> , 2021, 31, 9262-9272.	2.3	4
97	Presence of Vessel Wall Hyperintensity in Unruptured Arteriovenous Malformations on Vessel Wall Magnetic Resonance Imaging: Pilot Study of AVM Vessel Wall â€œEnhancementâ€œ. <i>Frontiers in Neuroscience</i> , 2021, 15, 697432.	1.4	4
98	Cerebrovascular stiffness and flow dynamics in the presence of amyloid and tau biomarkers. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12253.	1.2	4
99	2113 Non-contrast enhanced renal MRA with PC VIPR. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008, 10, .	1.6	3
100	Rapid comprehensive evaluation of luminography and hemodynamic function with 3d radially undersampled phase contrast imaging MRI. , 2009, 2009, 4057-60.		3
101	Comparison of dataâ€œdriven and general temporal constraints on compressed sensing for breast DCE MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3071-3084.	1.9	3
102	Four-dimensional phase contrast MRI With accelerated dual velocity encoding. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, spcone-spcone.	1.9	2
103	Effect of temporal resolution on 4D flow MRI in the portal circulation. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, spcone-spcone.	1.9	2
104	Raphe in bicuspid aortic valve without significant aortic valve disease is unrelated to aortic hemodynamics and stiffness. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2020, 73, 89-90.	0.4	2
105	Composite MRA: statistical approach to generate an MR angiogram from multiple contrasts. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 830-843.	1.9	2
106	Freeâ€œbreathing liver fat and quantification using motionâ€œcorrected averaging based on a nonlocal means algorithm. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 653-666.	1.9	2
107	Virtual injections using 4D flow MRI with displacement corrections and constrained probabilistic streamlines. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2495-2511.	1.9	2
108	Noninvasive pressure measurement with 4D phase contrast MRI in patients with aortic coarctations. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, .	1.6	1

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109	Improved reconstruction stability for chemical shift encoded hyperpolarized ^{13}C magnetic resonance spectroscopic imaging using k -spiral acquisitions. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 25-38.	1.9	1
110	Assessment of intracranial vascular flow oscillations in Alzheimer's disease using real time 4D flow MRI. <i>Alzheimer's and Dementia</i> , 2020, 16, e044536.	0.4	1
111	Right Pulmonary Vein Atresia in a Mildly Symptomatic Boy: Comprehensive Analysis of Flow Dynamics Using Non-contrast-enhanced 4D Flow MR Imaging. <i>Magnetic Resonance in Medical Sciences</i> , 2020, 19, 287-289.	1.1	1
112	Feasibility and optimization of ultra-short echo time MRI for improved imaging of IVC-filters at 3.0T. <i>Abdominal Radiology</i> , 2021, 46, 362-372.	1.0	1
113	Improved free-breathing liver fat and iron quantification using a 2D chemical shift-encoded MRI with flip angle modulation and motion-corrected averaging. <i>European Radiology</i> , 2022, 32, 5458-5467.	2.3	1
114	High resolution three-dimensional cine phase contrast MRI of small intracranial aneurysms using a stack of stars k -space trajectory. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, spcone-spcone.	1.9	0
115	In vivo validation of 4D flow MRI for assessing the hemodynamics of portal hypertension. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, spcone-spcone.	1.9	0
116	Noncontrast-enhanced three-dimensional (3D) intracranial MR angiography using pseudocontinuous arterial spin labeling and accelerated 3D radial acquisition. <i>Magnetic Resonance in Medicine</i> , 2013, 69, spcone-spcone.	1.9	0
117	Impaired regulation of portal venous flow in response to a meal challenge as quantified by 4D flow MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, spcone-spcone.	1.9	0
118	Association of cerebral white matter disease with cardiovascular risk factors, amyloid accumulation, and cognition. <i>Alzheimer's and Dementia</i> , 2020, 16, e046518.	0.4	0
119	Optimizing trajectory ordering for fast radial ultra-short TE (UTE) acquisitions. <i>Journal of Magnetic Resonance</i> , 2021, 327, 106977.	1.2	0
120	Letter to the Editor Regarding "Symptomatic Unruptured Arteriovenous Malformations: Focal Edema, Thrombosis, and Vessel Wall Enhancement. A Retrospective Cohort Study". <i>World Neurosurgery</i> , 2021, 155, 209.	0.7	0
121	Impact of sex and APOE E4 on age-related cerebral blood flow trajectories in cognitively asymptomatic middle-aged and older adults: A longitudinal study. <i>Alzheimer's and Dementia</i> , 2020, 16, e042979.	0.4	0
122	The Impact of Aging on the Association between Aortic Stiffness and Cerebral Pulsatility Index. <i>FASEB Journal</i> , 2022, 36, .	0.2	0