

# Kevin M Johnson

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115  
papers

2,904  
citations

30  
h-index

51  
g-index

124  
ext. papers

3,525  
ext. citations

5.8  
avg, IF

5.14  
L-index

#	Paper	IF	Citations
115	The Impact of Aging on the Association Between Aortic Stiffness and Cerebral Pulsatility Index.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 821151	5.4	2
114	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> , <b>2022</b> , 24, 20	6.9	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> , <b>2022</b> , 1	8	
112	Wall Shear Stress Predicts Aortic Dilation in Patients With Bicuspid Aortic Valve. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> ,	8.4	4
111	Cerebrovascular stiffness and flow dynamics in the presence of amyloid and tau biomarkers.. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2021</b> , 13, e12253	5.2	
110	Letter to the Editor Regarding "Symptomatic Unruptured Arteriovenous Malformations: Focal Edema, Thrombosis, and Vessel Wall Enhancement. A Retrospective Cohort Study". <i>World Neurosurgery</i> , <b>2021</b> , 155, 209	2.1	
109	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> , <b>2021</b> , 54, 888-901	5.6	4
108	Leaflet fusion length is associated with aortic dilation and flow alterations in non-dysfunctional bicuspid aortic valve. <i>European Radiology</i> , <b>2021</b> , 31, 9262-9272	8	1
107	Enhancement of cerebrovascular 4D flow MRI velocity fields using machine learning and computational fluid dynamics simulation data. <i>Scientific Reports</i> , <b>2021</b> , 11, 10240	4.9	4
106	Impact of sex and $\beta$ 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> , <b>2021</b> , 41, 3016-3027	7.3	1
105	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> , <b>2021</b> ,	4.1	1
104	Optimizing trajectory ordering for fast radial ultra-short TE (UTE) acquisitions. <i>Journal of Magnetic Resonance</i> , <b>2021</b> , 327, 106977	3	
103	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> , <b>2021</b> , 41, 298-311	7.3	11
102	Feasibility and optimization of ultra-short echo time MRI for improved imaging of IVC-filters at 3.0T. <i>Abdominal Radiology</i> , <b>2021</b> , 46, 362-372	3	
101	Free-breathing liver fat and quantification using motion-corrected averaging based on a nonlocal means algorithm. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 85, 653-666	4.4	2
100	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> , <b>2021</b> , 50, 107-113	2.7	4
99	Comparison of data-driven and general temporal constraints on compressed sensing for breast DCE MRI. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 85, 3071-3084	4.4	1

98	Spatial dependency and the role of local susceptibility for velocity selective arterial spin labeling (VS-ASL) relative tagging efficiency using accelerated 3D radial sampling with a BIR-8 preparation. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 86, 293-307	4.4	0
97	A phantom study comparing radial trajectories for accelerated cardiac 4D flow MRI against a particle imaging velocimetry reference. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 86, 363-371	4.4	2
96	Presence of Vessel Wall Hyperintensity in Unruptured Arteriovenous Malformations on Vessel Wall Magnetic Resonance Imaging: Pilot Study of AVM Vessel Wall "Enhancement". <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 697432	5.1	0
95	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> , <b>2021</b> , 16, e0245878	3.7	0
94	Impact of ferumoxytol magnetic resonance imaging on the rhesus macaque maternal-fetal interface. <i>Biology of Reproduction</i> , <b>2020</b> , 102, 434-444	3.9	2
93	Assessment of intracranial vascular flow oscillations in Alzheimer's disease using real time 4D flow MRI. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e044536	1.2	0
92	Association of cerebral white matter disease with cardiovascular risk factors, amyloid accumulation, and cognition. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e046518	1.2	
91	Motion-robust, high-SNR liver fat quantification using a 2D sequential acquisition with a variable flip angle approach. <i>Magnetic Resonance in Medicine</i> , <b>2020</b> , 84, 2004-2017	4.4	2
90	In Vitro Assessment of Flow Variability in an Intracranial Aneurysm Model Using 4D Flow MRI and Tomographic PIV. <i>Annals of Biomedical Engineering</i> , <b>2020</b> , 48, 2484-2493	4.7	15
89	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> , <b>2020</b> , 19, 287-289	2.9	0
88	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> , <b>2020</b> , 19, 366-374	2.9	12
87	Extreme MRI: Large-scale volumetric dynamic imaging from continuous non-gated acquisitions. <i>Magnetic Resonance in Medicine</i> , <b>2020</b> , 84, 1763-1780	4.4	11
86	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> , <b>2020</b> , 16, e042979	1.2	
85	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> , <b>2020</b> , 36, 899-911	2.5	8
84	Intracranial vascular flow oscillations in Alzheimer's disease from 4D flow MRI. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102379	5.3	5
83	Quantitative ferumoxytol-enhanced MRI in pregnancy: A feasibility study in the nonhuman primate. <i>Magnetic Resonance Imaging</i> , <b>2020</b> , 65, 100-108	3.3	6
82	Composite MRA: statistical approach to generate an MR angiogram from multiple contrasts. <i>Magnetic Resonance in Medicine</i> , <b>2020</b> , 83, 830-843	4.4	0
81	Iterative motion-compensation reconstruction ultra-short TE (iMoCo UTE) for high-resolution free-breathing pulmonary MRI. <i>Magnetic Resonance in Medicine</i> , <b>2020</b> , 83, 1208-1221	4.4	21

80	Improved reconstruction stability for chemical shift encoded hyperpolarized C magnetic resonance spectroscopic imaging using k-t spiral acquisitions. <i>Magnetic Resonance in Medicine</i> , <b>2020</b> , 84, 25-38	4.4	1
79	Low and Oscillatory Wall Shear Stress Is Not Related to Aortic Dilation in Patients With Bicuspid Aortic Valve: A Time-Resolved 3-Dimensional Phase-Contrast Magnetic Resonance Imaging Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2020</b> , 40, e10-e20	9.4	7
78	Utilisation of advanced MRI techniques to understand neurovascular complications of PHACE syndrome: a case of arterial stenosis and dissection. <i>BMJ Case Reports</i> , <b>2020</b> , 13,	0.9	3
77	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> , <b>2020</b> , 73, 89-90	0.7	1
76	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> , <b>2020</b> , 51, 580-592	5.6	4
75	"Structure-Function Imaging of Lung Disease Using Ultrashort Echo Time MRI". <i>Academic Radiology</i> , <b>2019</b> , 26, 431-441	4.3	19
74	Partial Aortic Valve Leaflet Fusion Is Related to Deleterious Alteration of Proximal Aorta Hemodynamics. <i>Circulation</i> , <b>2019</b> , 139, 2707-2709	16.7	15
73	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> , <b>2019</b> , 20, 1407-1417	4.1	30
72	Measurement of microvascular cerebral blood volume changes over the cardiac cycle with ferumoxytol-enhanced T MRI. <i>Magnetic Resonance in Medicine</i> , <b>2019</b> , 81, 3588-3598	4.4	3
71	Influence of Aortic Dilation on the Regional Aortic Stiffness of Bicuspid Aortic Valve Assessed by 4-Dimensional Flow Cardiac Magnetic Resonance: Comparison With Marfan Syndrome and Degenerative Aortic Aneurysm. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 1020-1029	8.4	39
70	Uteroplacental and Fetal 4D Flow MRI in the Pregnant Rhesus Macaque. <i>Journal of Magnetic Resonance Imaging</i> , <b>2019</b> , 49, 534-545	5.6	11
69	Characterizing a short T * signal component in the liver using ultrashort TE chemical shift-encoded MRI at 1.5T and 3.0T. <i>Magnetic Resonance in Medicine</i> , <b>2019</b> , 82, 2032-2045	4.4	3
68	Measurements of cerebral blood volume using quantitative susceptibility mapping, R * relaxometry, and ferumoxytol-enhanced MRI. <i>NMR in Biomedicine</i> , <b>2019</b> , 32, e4175	4.4	2
67	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> , <b>2019</b> , 81, 1964-1978	4.4	11
66	Feasibility of high spatiotemporal resolution for an abbreviated 3D radial breast MRI protocol. <i>Magnetic Resonance in Medicine</i> , <b>2018</b> , 80, 1452-1466	4.4	13
65	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> , <b>2018</b> , 63, 075001	3.8	6
64	Pressure Mapping and Hemodynamic Assessment of Intracranial Dural Sinuses and Dural Arteriovenous Fistulas with 4D Flow MRI. <i>American Journal of Neuroradiology</i> , <b>2018</b> , 39, 485-487	4.4	11
63	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> , <b>2018</b> , 20, 28	6.9	100

62	Pulmonary ventilation imaging in asthma and cystic fibrosis using oxygen-enhanced 3D radial ultrashort echo time MRI. <i>Journal of Magnetic Resonance Imaging</i> , <b>2018</b> , 47, 1287-1297	5.6	24
61	Comparison of ferumoxytol-based cerebral blood volume estimates using quantitative R and R2* relaxometry. <i>Magnetic Resonance in Medicine</i> , <b>2018</b> , 79, 3072-3081	4.4	6
60	Motion robust high resolution 3D free-breathing pulmonary MRI using dynamic 3D image self-navigator. <i>Magnetic Resonance in Medicine</i> , <b>2018</b> , 79, 2954-2967	4.4	33
59	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> , <b>2018</b> , 53, 80-86	10.1	6
58	Vascular input function correction of inflow enhancement for improved pharmacokinetic modeling of liver DCE-MRI. <i>Magnetic Resonance in Medicine</i> , <b>2018</b> , 79, 3093-3102	4.4	6
57	Hybrid radial-cones trajectory for accelerated MRI. <i>Magnetic Resonance in Medicine</i> , <b>2017</b> , 77, 1068-1081	4.4	14
56	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> , <b>2017</b> , 46, 595-603	5.6	11
55	Highly efficient maternal-fetal Zika virus transmission in pregnant rhesus macaques. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006378	7.6	142
54	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> , <b>2017</b> , 37, 1483-1493	7.3	6
53	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> , <b>2017</b> , 37, 2149-2158	7.3	35
52	Detection of Small Pulmonary Nodules with Ultrashort Echo Time Sequences in Oncology Patients by Using a PET/MR System. <i>Radiology</i> , <b>2016</b> , 278, 239-46	20.5	88
51	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> , <b>2016</b> , 51, 706-713	10.1	5
50	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> , <b>2016</b> , 51, 365-71	10.1	10
49	Neurovascular 4DFlow MRI (Phase Contrast MRA): emerging clinical applications. <i>Neurovascular Imaging</i> , <b>2016</b> , 2,		13
48	Phase unwrapping in 4D MR flow with a 4D single-step laplacian algorithm. <i>Journal of Magnetic Resonance Imaging</i> , <b>2016</b> , 43, 833-42	5.6	32
47	4D flow MRI for intracranial hemodynamics assessment in Alzheimer's disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2016</b> , 36, 1718-1730	7.3	55
46	Pulmonary Embolism Detection with Three-dimensional Ultrashort Echo Time MR Imaging: Experimental Study in Canines. <i>Radiology</i> , <b>2016</b> , 278, 413-21	20.5	22
45	Accuracy of model-based tracking of knee kinematics and cartilage contact measured by dynamic volumetric MRI. <i>Medical Engineering and Physics</i> , <b>2016</b> , 38, 1131-5	2.4	15

44	Application of flow sensitive gradients for improved measures of metabolism using hyperpolarized (13) c MRI. <i>Magnetic Resonance in Medicine</i> , <b>2016</b> , 75, 1242-8	4.4	18
43	Utilization of a balanced steady state free precession signal model for improved fat/water decomposition. <i>Magnetic Resonance in Medicine</i> , <b>2016</b> , 75, 1269-77	4.4	4
42	Longitudinal Monitoring of Hepatic Blood Flow before and after TIPS by Using 4D-Flow MR Imaging. <i>Radiology</i> , <b>2016</b> , 281, 574-582	20.5	21
41	Interest of HYPR flow dynamic MRA for characterization of cerebral arteriovenous malformations: comparison with TRICKS MRA and catheter DSA. <i>European Radiology</i> , <b>2015</b> , 25, 3230-7	8	10
40	NonCartesian MR image reconstruction with integrated gradient nonlinearity correction. <i>Medical Physics</i> , <b>2015</b> , 42, 7190-201	4.4	13
39	Simultaneous MRI of lung structure and perfusion in a single breathhold. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 41, 52-9	5.6	19
38	Respiratory-induced venous blood flow effects using flexible retrospective double-gating. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 42, 211-6	5.6	16
37	Three-dimensional pulmonary perfusion MRI with radial ultrashort echo time and spatial-temporal constrained reconstruction. <i>Magnetic Resonance in Medicine</i> , <b>2015</b> , 73, 555-64	4.4	21
36	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> , <b>2015</b> , 42, 1009-17	5.6	36
35	Oxygen-enhanced 3D radial ultrashort echo time magnetic resonance imaging in the healthy human lung. <i>NMR in Biomedicine</i> , <b>2014</b> , 27, 1535-41	4.4	48
34	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> , <b>2014</b> , 71, 934-41	4.4	26
33	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> , <b>2014</b> , 39, 1320-6	5.6	37
32	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> , <b>2014</b> , 270, 261-8	20.5	15
31	Effect of temporal resolution on 4D flow MRI in the portal circulation. <i>Journal of Magnetic Resonance Imaging</i> , <b>2014</b> , 39, 819-26	5.6	22
30	Effect of temporal resolution on 4D flow MRI in the portal circulation. <i>Journal of Magnetic Resonance Imaging</i> , <b>2014</b> , 39, spcone-spcone	5.6	1
29	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> , <b>2014</b> , 32, 190-5	3.3	6
28	Noncontrast-enhanced three-dimensional (3D) intracranial MR angiography using pseudocontinuous arterial spin labeling and accelerated 3D radial acquisition. <i>Magnetic Resonance in Medicine</i> , <b>2013</b> , 69, 708-15	4.4	50
27	Measurement of tibiofemoral kinematics using highly accelerated 3D radial sampling. <i>Magnetic Resonance in Medicine</i> , <b>2013</b> , 69, 1310-6	4.4	30



26	In vivo validation of 4D flow MRI for assessing the hemodynamics of portal hypertension. <i>Journal of Magnetic Resonance Imaging</i> , <b>2013</b> , 37, 1100-8	5.6	71
25	Quantification of thoracic blood flow using volumetric magnetic resonance imaging with radial velocity encoding: in vivo validation. <i>Investigative Radiology</i> , <b>2013</b> , 48, 819-25	10.1	38
24	Aortic pulse wave velocity measurements with undersampled 4D flow-sensitive MRI: comparison with 2D and algorithm determination. <i>Journal of Magnetic Resonance Imaging</i> , <b>2013</b> , 37, 853-9	5.6	43
23	Optimized 3D ultrashort echo time pulmonary MRI. <i>Magnetic Resonance in Medicine</i> , <b>2013</b> , 70, 1241-50	4.4	208
22	Noninvasive pressure measurement with 4D phase contrast MRI in patients with aortic coarctations. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2012</b> , 14,	6.9	1
21	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> , <b>2012</b> , 35, 518-27	5.6	40
20	Four-dimensional phase contrast MRI With accelerated dual velocity encoding. <i>Journal of Magnetic Resonance Imaging</i> , <b>2012</b> , 35, spcone-spcone	5.6	2
19	Four-dimensional phase contrast MRI with accelerated dual velocity encoding. <i>Journal of Magnetic Resonance Imaging</i> , <b>2012</b> , 35, 1462-71	5.6	65
18	Improved least squares MR image reconstruction using estimates of k-space data consistency. <i>Magnetic Resonance in Medicine</i> , <b>2012</b> , 67, 1600-8	4.4	36
17	Simultaneous variable flip angle-actual flip angle imaging method for improved accuracy and precision of three-dimensional T1 and B1 measurements. <i>Magnetic Resonance in Medicine</i> , <b>2012</b> , 68, 54-64	4.4	39
16	HYPR TOF: time-resolved contrast-enhanced intracranial MR angiography using time-of-flight as the spatial constraint. <i>Journal of Magnetic Resonance Imaging</i> , <b>2011</b> , 33, 719-23	5.6	4
15	In vivo three-dimensional MR wall shear stress estimation in ascending aortic dilatation. <i>Journal of Magnetic Resonance Imaging</i> , <b>2011</b> , 33, 589-97	5.6	81
14	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> , <b>2011</b> , 65, 956-63	4.4	8
13	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> , <b>2011</b> , 56, 1755-73	3.8	21
12	Noninvasive assessment of transstenotic pressure gradients in porcine renal artery stenoses by using vastly undersampled phase-contrast MR angiography. <i>Radiology</i> , <b>2011</b> , 261, 266-73	20.5	51
11	Renal arteries: isotropic, high-spatial-resolution, unenhanced MR angiography with three-dimensional radial phase contrast. <i>Radiology</i> , <b>2011</b> , 258, 254-60	20.5	46
10	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> , <b>2011</b> , 38, 6300-12	4.4	23
9	PC HYPR flow: a technique for rapid imaging of contrast dynamics. <i>Journal of Magnetic Resonance Imaging</i> , <b>2010</b> , 31, 447-56	5.6	40

8	Improved SNR in phase contrast velocimetry with five-point balanced flow encoding. <i>Magnetic Resonance in Medicine</i> , <b>2010</b> , 63, 349-55	4.4	93
7	Phase-contrast velocimetry with simultaneous fat/water separation. <i>Magnetic Resonance in Medicine</i> , <b>2010</b> , 63, 1564-74	4.4	4
6	Rapid comprehensive evaluation of luminography and hemodynamic function with 3D radially undersampled phase contrast imaging MRI. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2009</b> , 2009, 4057-60	0.9	3
5	Ultrashort TE spectroscopic imaging (UTESI) using complex highly-constrained backprojection with local reconstruction (HYPR LR). <i>Magnetic Resonance in Medicine</i> , <b>2009</b> , 62, 127-34	4.4	6
4	2113 Non-contrast enhanced renal MRA with PC VIPR. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2008</b> , 10,	6.9	2
3	Improved waveform fidelity using local HYPR reconstruction (HYPR LR). <i>Magnetic Resonance in Medicine</i> , <b>2008</b> , 59, 456-62	4.4	63
2	Improved 3D phase contrast MRI with off-resonance corrected dual echo VIPR. <i>Magnetic Resonance in Medicine</i> , <b>2008</b> , 60, 1329-36	4.4	147
1	Transstenotic pressure gradients: measurement in swine--retrospectively ECG-gated 3D phase-contrast MR angiography versus endovascular pressure-sensing guidewires. <i>Radiology</i> , <b>2007</b> , 245, 751-60	20.5	454