

Pascal Spincemaille

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.

122
papers

4,500
citations

33
h-index

65
g-index

140
ext. papers

5,455
ext. citations

4.6
avg, IF

5.4
L-index

#	Paper	IF	Citations
122	QSMRim-Net: Imbalance-aware learning for identification of chronic active multiple sclerosis lesions on quantitative susceptibility maps.. <i>NeuroImage: Clinical</i> , 2022 , 34, 102979	5.3	2
121	Quantitative transport mapping (QTM) for differentiating benign and malignant breast lesion: Comparison with traditional kinetics modeling and semi-quantitative enhancement curve characteristics. <i>Magnetic Resonance Imaging</i> , 2021 , 86, 86-93	3.3	1
120	The appearance of magnetic susceptibility objects in SWI phase depends on object size: Comparison with QSM and CT. <i>Clinical Imaging</i> , 2021 , 82, 67-72	2.7	0
119	ALL-Net: Anatomical information lesion-wise loss function integrated into neural network for multiple sclerosis lesion segmentation. <i>NeuroImage: Clinical</i> , 2021 , 32, 102854	5.3	1
118	QQ-NET - using deep learning to solve quantitative susceptibility mapping and quantitative blood oxygen level dependent magnitude (QSM+qBOLD or QQ) based oxygen extraction fraction (OEF) mapping. <i>Magnetic Resonance in Medicine</i> , 2021 , 87, 1583	4.4	1
117	Attenuation of motion artifacts in fMRI using discrete reconstruction of irregular fMRI trajectories (DRIFT). <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 1586-1599	4.4	
116	Multiecho complex total field inversion method (mcTFI) for improved signal modeling in quantitative susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 2165-2178	4.4	2
115	Quantitative Susceptibility Mapping for Staging Acute Cerebral Hemorrhages: Comparing the Conventional and Multiecho Complex Total Field Inversion magnetic resonance imaging MR Methods. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 54, 1843-1854	5.6	0
114	Temporal clustering, tissue composition, and total variation for mapping oxygen extraction fraction using QSM and quantitative BOLD. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 2635-2646	4.4	2
113	Quantitative transport mapping (QTM) of the kidney with an approximate microvascular network. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 2247-2262	4.4	4
112	Deep neural network for water/fat separation: Supervised training, unsupervised training, and no training. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 2263-2277	4.4	3
111	Cerebral oxygen extraction fraction: Comparison of dual-gas challenge calibrated BOLD with CBF and challenge-free gradient echo QSM+qBOLD. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 953-961	4.4	2
110	Integrated quantitative susceptibility and R * mapping for evaluation of liver fibrosis: An ex vivo feasibility study. <i>NMR in Biomedicine</i> , 2021 , 34, e4412	4.4	2
109	Increased risk for cerebral small vessel disease is associated with quantitative susceptibility mapping in HIV infected and uninfected individuals. <i>NeuroImage: Clinical</i> , 2021 , 32, 102786	5.3	0
108	Multispectral Imaging for Metallic Biopsy Marker Detection During MRI-Guided Breast Biopsy: A Feasibility Study for Clinical Translation. <i>Frontiers in Oncology</i> , 2021 , 11, 605014	5.3	
107	DEEPMIR: a deep neural network for differential detection of cerebral microbleeds and iron deposits in MRI. <i>Scientific Reports</i> , 2021 , 11, 14124	4.9	3
106	DCE-MRI quantitative transport mapping for noninvasively detecting hypoxia inducible factor-1 α epidermal growth factor receptor overexpression, and Ki-67 in nasopharyngeal carcinoma patients. <i>Radiotherapy and Oncology</i> , 2021 , 164, 146-154	5.3	1

105	Brain oxygen extraction fraction mapping in patients with multiple sclerosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 271678X211048031	7.3	1
104	GAMER MRI: Gated-attention mechanism ranking of multi-contrast MRI in brain pathology. <i>NeuroImage: Clinical</i> , 2021 , 29, 102522	5.3	1
103	Temporal Feature Fusion with Sampling Pattern Optimization for Multi-echo Gradient Echo Acquisition and Image Reconstruction. <i>Lecture Notes in Computer Science</i> , 2021 , 232-242	0.9	
102	Spatially Adaptive Regularization in Total Field Inversion for Quantitative Susceptibility Mapping. <i>IScience</i> , 2020 , 23, 101553	6.1	
101	Quantitative susceptibility mapping of carotid plaques using nonlinear total field inversion: Initial experience in patients with significant carotid stenosis. <i>Magnetic Resonance in Medicine</i> , 2020 , 84, 1501-1509	4.4	3
100	Validation of MRI quantitative susceptibility mapping of superparamagnetic iron oxide nanoparticles for hyperthermia applications in live subjects. <i>Scientific Reports</i> , 2020 , 10, 1171	4.9	8
99	Fidelity imposed network edit (FINE) for solving ill-posed image reconstruction. <i>NeuroImage</i> , 2020 , 211, 116579	7.9	18
98	Cluster analysis of time evolution (CAT) for quantitative susceptibility mapping (QSM) and quantitative blood oxygen level-dependent magnitude (qBOLD)-based oxygen extraction fraction (OEF) and cerebral metabolic rate of oxygen (CMRO) mapping. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 844-857	4.4	16
97	Quantitative Susceptibility Mapping: MRI at 7T versus 3T. <i>Journal of Neuroimaging</i> , 2020 , 30, 65-75	2.8	13
96	Initial Experience of Challenge-Free MRI-Based Oxygen Extraction Fraction Mapping of Ischemic Stroke at Various Stages: Comparison With Perfusion and Diffusion Mapping. <i>Frontiers in Neuroscience</i> , 2020 , 14, 535441	5.1	8
95	Quantitative Measurement of Metal Accumulation in Brain of Patients With Wilson@ Disease. <i>Movement Disorders</i> , 2020 , 35, 1787-1795	7	2
94	Dipole modeling of multispectral signal for detecting metallic biopsy markers during MRI-guided breast biopsy: a pilot study. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 1380-1389	4.4	1
93	Automated adaptive preconditioner for quantitative susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 271-285	4.4	5
92	Quantitative Susceptibility Mapping of Magnetic Quadrupole Moments. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2019 , 2019, 1-14	0.6	
91	Patents on Quantitative Susceptibility Mapping (QSM) of Tissue Magnetism. <i>Recent Patents on Biotechnology</i> , 2019 , 13, 90-113	2.2	1
90	Clinical feasibility of brain quantitative susceptibility mapping. <i>Magnetic Resonance Imaging</i> , 2019 , 60, 44-51	3.3	7
89	Clinical Integration of Automated Processing for Brain Quantitative Susceptibility Mapping: Multi-Site Reproducibility and Single-Site Robustness. <i>Journal of Neuroimaging</i> , 2019 , 29, 689-698	2.8	13
88	Quantitative susceptibility mapping of the spine using in-phase echoes to initialize inhomogeneous field and R2* for the nonconvex optimization problem of fat-water separation. <i>NMR in Biomedicine</i> , 2019 , 32, e4156	4.4	3

87	Quantitative Susceptibility Mapping of Time-Dependent Susceptibility Changes in Multiple Sclerosis Lesions. <i>American Journal of Neuroradiology</i> , 2019 , 40, 987-993	4.4	18
86	Free breathing three-dimensional cardiac quantitative susceptibility mapping for differential cardiac chamber blood oxygenation - initial validation in patients with cardiovascular disease inclusive of direct comparison to invasive catheterization. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019 , 21, 70	6.9	5
85	Clinical Integration of Quantitative Susceptibility Mapping Magnetic Resonance Imaging into Neurosurgical Practice. <i>World Neurosurgery</i> , 2019 , 122, e10-e19	2.1	6
84	3D texture analyses within the substantia nigra of Parkinson@ disease patients on quantitative susceptibility maps and R2 maps. <i>NeuroImage</i> , 2019 , 188, 465-472	7.9	31
83	Rapid automated liver quantitative susceptibility mapping. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 725-732	5.6	14
82	Sliding motion compensated low-rank plus sparse (SMC-LS) reconstruction for high spatiotemporal free-breathing liver 4D DCE-MRI. <i>Magnetic Resonance Imaging</i> , 2019 , 58, 56-66	3.3	4
81	Multicenter reproducibility of quantitative susceptibility mapping in a gadolinium phantom using MEDI+0 automatic zero referencing. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 1229-1236	4.4	22
80	Cerebral metabolic rate of oxygen (CMRO) mapping by combining quantitative susceptibility mapping (QSM) and quantitative blood oxygenation level-dependent imaging (qBOLD). <i>Magnetic Resonance in Medicine</i> , 2018 , 80, 1595-1604	4.4	31
79	Brain Injury Lesion Imaging Using Preconditioned Quantitative Susceptibility Mapping without Skull Stripping. <i>American Journal of Neuroradiology</i> , 2018 , 39, 648-653	4.4	2
78	Quantitative susceptibility mapping across two clinical field strengths: Contrast-to-noise ratio enhancement at 1.5T. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 48, 1410-1420	5.6	7
77	Magnetic susceptibility increases as diamagnetic molecules breakdown: Myelin digestion during multiple sclerosis lesion formation contributes to increase on QSM. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 48, 1281-1287	5.6	17
76	Bone quantitative susceptibility mapping using a chemical species-specific R2* signal model with ultrashort and conventional echo data. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 121-128	4.4	41
75	Quantitative susceptibility mapping-based cerebral metabolic rate of oxygen mapping with minimum local variance. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 172-179	4.4	22
74	Coherence enhancement in quantitative susceptibility mapping by means of anisotropic weighting in morphology enabled dipole inversion. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 1172-1180	4.4	2
73	Cardiac quantitative susceptibility mapping (QSM) for heart chamber oxygenation. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 1545-1552	4.4	16
72	MEDI+0: Morphology enabled dipole inversion with automatic uniform cerebrospinal fluid zero reference for quantitative susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 2795-2803	4.4	73
71	Vastly accelerated linear least-squares fitting with numerical optimization for dual-input delay-compensated quantitative liver perfusion mapping. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 2413-2421	4.4	14
70	Brain Iron Distribution after Multiple Doses of Ultra-small Superparamagnetic Iron Oxide Particles in Rats. <i>Comparative Medicine</i> , 2018 , 68, 139-147	1.6	6

69	Discontinuity Preserving Liver MR Registration with 3D Active Contour Motion Segmentation. <i>IEEE Transactions on Biomedical Engineering</i> , 2018 ,	5	8
68	Magnetic resonance microscopy may enable distinction between normal histomorphological features and prostate cancer in the resected prostate gland. <i>BJU International</i> , 2017 , 119, 414-423	5.6	4
67	Cerebral metabolic rate of oxygen (CMRO) mapping with hyperventilation challenge using quantitative susceptibility mapping (QSM). <i>Magnetic Resonance in Medicine</i> , 2017 , 77, 1762-1773	4.4	33
66	Rapid whole brain myelin water content mapping without an external water standard at 1.5T. <i>Magnetic Resonance Imaging</i> , 2017 , 39, 82-88	3.3	7
65	Primal-dual and forward gradient implementation for quantitative susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2017 , 78, 2416-2427	4.4	5
64	Clinical quantitative susceptibility mapping (QSM): Biometal imaging and its emerging roles in patient care. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 46, 951-971	5.6	128
63	Nonlinear profile order for three-dimensional hybrid radial acquisition applied to self-gated free-breathing cardiac cine MRI. <i>Chinese Physics B</i> , 2017 , 26, 018701	1.2	
62	On the influence of zero-padding on the nonlinear operations in Quantitative Susceptibility Mapping. <i>Magnetic Resonance Imaging</i> , 2017 , 35, 154-159	3.3	6
61	Preconditioned total field inversion (TFI) method for quantitative susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2017 , 78, 303-315	4.4	75
60	Susceptibility underestimation in a high-susceptibility phantom: Dependence on imaging resolution, magnitude contrast, and other parameters. <i>Magnetic Resonance in Medicine</i> , 2017 , 78, 1080-1086	4.4	32
59	Diagnostic accuracy of intracellular uptake rates calculated using dynamic Gd-EOB-DTPA-enhanced MRI for hepatic fibrosis stage. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 45, 1177-1185	5.6	21
58	Quantitative evaluation of gadoxetate hepatocyte phase homogeneity: potential imaging markers for detection of early cirrhosis. <i>Clinical Imaging</i> , 2016 , 40, 979-86	2.7	2
57	Anticipatory Posturing of the Vocal Tract Reveals Dissociation of Speech Movement Plans from Linguistic Units. <i>PLoS ONE</i> , 2016 , 11, e0146813	3.7	20
56	Feasibility and reproducibility of whole brain myelin water mapping in 4 minutes using fast acquisition with spiral trajectory and adiabatic T2prep (FAST-T2) at 3T. <i>Magnetic Resonance in Medicine</i> , 2016 , 76, 456-65	4.4	35
55	The influence of molecular order and microstructure on the R2* and the magnetic susceptibility tensor. <i>Magnetic Resonance Imaging</i> , 2016 , 34, 682-9	3.3	4
54	Age and sex related differences in subcortical brain iron concentrations among healthy adults. <i>NeuroImage</i> , 2015 , 122, 385-98	7.9	57
53	Reproducibility of quantitative susceptibility mapping in the brain at two field strengths from two vendors. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 42, 1592-600	5.6	69
52	Simultaneous phase unwrapping and removal of chemical shift (SPURS) using graph cuts: application in quantitative susceptibility mapping. <i>IEEE Transactions on Medical Imaging</i> , 2015 , 34, 531-40	11.7	62

51	Quantification of cerebral perfusion using dynamic quantitative susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 1540-8	4.4	22
50	Quantitative mapping of cerebral metabolic rate of oxygen (CMRO2) using quantitative susceptibility mapping (QSM). <i>Magnetic Resonance in Medicine</i> , 2015 , 74, 945-52	4.4	92
49	Patch based reconstruction of undersampled data (PROUD) for high signal-to-noise ratio and high frame rate contrast enhanced liver imaging. <i>Magnetic Resonance in Medicine</i> , 2015 , 74, 1587-97	4.4	4
48	Multiple sclerosis lesion geometry in quantitative susceptibility mapping (QSM) and phase imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 42, 224-9	5.6	38
47	Free-Breathing 3D Imaging of Right Ventricular Structure and Function Using Respiratory and Cardiac Self-Gated Cine MRI. <i>BioMed Research International</i> , 2015 , 2015, 819102	3	6
46	Joint estimation of chemical shift and quantitative susceptibility mapping (chemical QSM). <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 2100-10	4.4	40
45	Reconstruction of highly under-sampled dynamic MRI using sparse representation of 1D temporal snippets 2015 ,		2
44	Background field removal by solving the Laplacian boundary value problem. <i>NMR in Biomedicine</i> , 2014 , 27, 312-9	4.4	136
43	Highly accelerated 3D dynamic contrast enhanced MRI from sparse spiral sampling using integrated partial separability model and JSENSE 2014 ,		2
42	Direct coronary motion extraction from a 2D fat image navigator for prospectively gated coronary MR angiography. <i>Magnetic Resonance in Medicine</i> , 2014 , 71, 599-607	4.4	25
41	An iterative spherical mean value method for background field removal in MRI. <i>Magnetic Resonance in Medicine</i> , 2014 , 72, 1065-71	4.4	23
40	Flow compensated quantitative susceptibility mapping for venous oxygenation imaging. <i>Magnetic Resonance in Medicine</i> , 2014 , 72, 438-45	4.4	84
39	Self-gated free-breathing 3D coronary CINE imaging with simultaneous water and fat visualization. <i>PLoS ONE</i> , 2014 , 9, e89315	3.7	11
38	How accurate is MOLLI T1 mapping in vivo? Validation by spin echo methods. <i>PLoS ONE</i> , 2014 , 9, e107323.7		8
37	Fast 3D contrast enhanced MRI of the liver using temporal resolution acceleration with constrained evolution reconstruction. <i>Magnetic Resonance in Medicine</i> , 2013 , 69, 370-81	4.4	37
36	Nonlinear formulation of the magnetic field to source relationship for robust quantitative susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2013 , 69, 467-76	4.4	229
35	Magnetic susceptibility anisotropy: cylindrical symmetry from macroscopically ordered anisotropic molecules and accuracy of MRI measurements using few orientations. <i>NeuroImage</i> , 2013 , 70, 363-76	7.9	62
34	Noise Effects in Various Quantitative Susceptibility Mapping Methods. <i>IEEE Transactions on Biomedical Engineering</i> , 2013 , 60, 3441-8	5	39

33	Improved hepatic arterial phase MRI with 3-second temporal resolution. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 37, 1129-36	5.6	29
32	Accuracy of the morphology enabled dipole inversion (MEDI) algorithm for quantitative susceptibility mapping in MRI. <i>IEEE Transactions on Medical Imaging</i> , 2012 , 31, 816-24	11.7	73
31	Cerebral microbleeds: burden assessment by using quantitative susceptibility mapping. <i>Radiology</i> , 2012 , 262, 269-78	20.5	136
30	Morphology enabled dipole inversion for quantitative susceptibility mapping using structural consistency between the magnitude image and the susceptibility map. <i>NeuroImage</i> , 2012 , 59, 2560-8	7.9	303
29	T2 prep three-dimensional spiral imaging with efficient whole brain coverage for myelin water quantification at 1.5 tesla. <i>Magnetic Resonance in Medicine</i> , 2012 , 67, 614-21	4.4	48
28	Reducing the object orientation dependence of susceptibility effects in gradient echo MRI through quantitative susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2012 , 68, 1563-9	4.4	86
27	Flip angle profile correction for T ₂ and T ₂ [*] quantification with look-locker inversion recovery 2D steady-state free precession imaging. <i>Magnetic Resonance in Medicine</i> , 2012 , 68, 1579-85	4.4	18
26	Three-dimensional flow-independent balanced steady-state free precession vessel wall MRI of the popliteal artery: preliminary experience and comparison with flow-dependent black-blood techniques. <i>Journal of Magnetic Resonance Imaging</i> , 2011 , 34, 696-701	5.6	3
25	A fast Edge-preserving Bayesian reconstruction method for Parallel Imaging applications in cardiac MRI. <i>Magnetic Resonance in Medicine</i> , 2011 , 65, 184-9	4.4	3
24	Morphology enabled dipole inversion (MEDI) from a single-angle acquisition: comparison with COSMOS in human brain imaging. <i>Magnetic Resonance in Medicine</i> , 2011 , 66, 777-83	4.4	236
23	A radial self-calibrated (RASCAL) generalized autocalibrating partially parallel acquisition (GRAPPA) method using weight interpolation. <i>NMR in Biomedicine</i> , 2011 , 24, 844-54	4.4	7
22	A novel background field removal method for MRI using projection onto dipole fields (PDF). <i>NMR in Biomedicine</i> , 2011 , 24, 1129-36	4.4	256
21	Z intensity-weighted position self-respiratory gating method for free-breathing 3D cardiac CINE imaging. <i>Magnetic Resonance Imaging</i> , 2011 , 29, 861-8	3.3	25
20	Nonlinear regularization for per voxel estimation of magnetic susceptibility distributions from MRI field maps. <i>IEEE Transactions on Medical Imaging</i> , 2010 , 29, 273-81	11.7	159
19	Quantitative susceptibility map reconstruction from MR phase data using bayesian regularization: validation and application to brain imaging. <i>Magnetic Resonance in Medicine</i> , 2010 , 63, 194-206	4.4	457
18	Effect of blood flow on double inversion recovery vessel wall MRI of the peripheral arteries: quantitation with T ₂ mapping and comparison with flow-insensitive T ₂ -prepared inversion recovery imaging. <i>Magnetic Resonance in Medicine</i> , 2010 , 63, 736-44	4.4	10
17	Respiratory and cardiac self-gated free-breathing cardiac CINE imaging with multiecho 3D hybrid radial SSFP acquisition. <i>Magnetic Resonance in Medicine</i> , 2010 , 63, 1230-7	4.4	98
16	Unambiguous identification of superparamagnetic iron oxide particles through quantitative susceptibility mapping of the nonlinear response to magnetic fields. <i>Magnetic Resonance Imaging</i> , 2010 , 28, 1383-9	3.3	49

15	Calculation of susceptibility through multiple orientation sampling (COSMOS): a method for conditioning the inverse problem from measured magnetic field map to susceptibility source image in MRI. <i>Magnetic Resonance in Medicine</i> , 2009 , 61, 196-204	4.4	312
14	Free-breathing 3-dimensional steady-state free precession coronary magnetic resonance angiography: comparison of four navigator gating techniques. <i>Magnetic Resonance Imaging</i> , 2009 , 27, 807-14	3.3	15
13	In vivo quantification of contrast agent concentration using the induced magnetic field for time-resolved arterial input function measurement with MRI. <i>Medical Physics</i> , 2008 , 35, 5328-39	4.4	61
12	A fast navigator-gated 3D sequence for delayed enhancement MRI of the myocardium: comparison with breathhold 2D imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 27, 802-8	5.6	43
11	Free-breathing 3D steady-state free precession coronary magnetic resonance angiography: comparison of diaphragm and cardiac fat navigators. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 28, 509-14	5.6	12
10	Effective motion-sensitizing magnetization preparation for black blood magnetic resonance imaging of the heart. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 28, 1092-100	5.6	41
9	Kalman filtering for real-time navigator processing. <i>Magnetic Resonance in Medicine</i> , 2008 , 60, 158-68	4.4	35
8	Three-dimensional cine imaging using variable-density spiral trajectories and SSFP with application to coronary artery angiography. <i>Magnetic Resonance in Medicine</i> , 2007 , 58, 535-43	4.4	27
7	Optimal coil array design: the two-coil case. <i>Magnetic Resonance Imaging</i> , 2007 , 25, 671-7	3.3	2
6	Cardiac fat navigator-gated steady-state free precession 3D magnetic resonance angiography of coronary arteries. <i>Magnetic Resonance in Medicine</i> , 2006 , 56, 210-5	4.4	26
5	Reduction of reconstruction time for time-resolved spiral 3D contrast-enhanced magnetic resonance angiography using parallel computing. <i>Magnetic Resonance in Medicine</i> , 2006 , 56, 704-8	4.4	13
4	Motion artifact suppression in breath hold 3D contrast enhanced magnetic resonance angiography using ECG ordering. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006 , 2006, 739-42		2
3	Contrast-enhanced magnetic resonance angiography with biodegradable (Gd-DTPA)-cystamine copolymers: comparison with MS-325 in a swine model. <i>Molecular Pharmaceutics</i> , 2006 , 3, 558-65	5.6	6
2	Improved magnetization preparation for navigator steady-state free precession 3D coronary MR angiography. <i>Magnetic Resonance in Medicine</i> , 2004 , 51, 1297-300	4.4	9
1	View ordering for magnetization prepared steady state free precession acquisition: application in contrast-enhanced MR angiography. <i>Magnetic Resonance in Medicine</i> , 2004 , 52, 461-6	4.4	14