

Motion correction with PROPELLER MRI: Application to cardiac imaging

Magnetic Resonance in Medicine

42, 963-969

DOI: [10.1002/\(sici\)1522-2594\(199911\)42:5<963::aid-mrm17>3.0.co;2-l](https://doi.org/10.1002/(sici)1522-2594(199911)42:5<963::aid-mrm17>3.0.co;2-l)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Critical sampling in ROSE scanning. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 129-136.	1.9	9
2	Coronary angiography by real-time MRI with adaptive averaging. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 940-946.	1.9	48
3	Diffusion-weighted imaging of the spine using radial k-space trajectories. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2001, 12, 23-31.	1.1	34
4	Diffusion-weighted imaging of the spine using radial k-space trajectories. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2001, 12, 23-31.	1.1	23
5	PROPELLER MRI: Clinical testing of a novel technique for quantification and compensation of head motion. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 215-222.	1.9	141
6	Improved Image Quality and Detection of Acute Cerebral Infarction with PROPELLER Diffusion-weighted MR Imaging. <i>Radiology</i> , 2002, 225, 551-555.	3.6	102
7	Image Analysis and Visualization in MR Diffusion Tensor Data; Tractography Based on Diffusion Tensor Tracking, and Other Techniques. <i>Journal of Japan Society of Computer Aided Surgery</i> , 2002, 4, 5-12.	0.1	0
8	Correction of translation-induced artifacts in wrist MRI scans using orthogonal acquisitions. , 2002, 4684, 334.		0
9	Newer techniques in magnetic resonance imaging and their potential for neuropsychiatric research. <i>Journal of Psychosomatic Research</i> , 2002, 53, 677-685.	1.2	14
10	Respiratory motion in coronary magnetic resonance angiography: A comparison of different motion models. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 15, 661-671.	1.9	63
11	Spherical navigator echoes for full 3D rigid body motion measurement in MRI. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 32-41.	1.9	179
12	Multishot diffusion-weighted FSE using PROPELLER MRI. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 42-52.	1.9	387
13	Motion correction using the k-space phase difference of orthogonal acquisitions. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 147-156.	1.9	18
14	Using UNFOLD to remove artifacts in parallel imaging and in partial-Fourier imaging. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 493-501.	1.9	58
15	Variable-density adaptive imaging for high-resolution coronary artery MRI. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 753-764.	1.9	40
16	Truncation artifact reduction in spectroscopic imaging using a dual-density spiral k-space trajectory. <i>Magnetic Resonance Imaging</i> , 2002, 20, 743-757.	1.0	32
17	Coronary MR angiography: Respiratory motion correction with BACSPIN. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 17, 170-176.	1.9	34
18	Motion correction in MRI using an apparatus for dynamic angular position tracking (ADAPT). <i>Magnetic Resonance in Medicine</i> , 2003, 49, 138-143.	1.9	8

#	ARTICLE	IF	CITATIONS
19	Novel interleaved spiral imaging motion correction technique using orbital navigators. <i>Magnetic Resonance in Medicine</i> , 2003, 50, 423-428.	1.9	10
20	RINGLET motion correction for 3D MRI acquired with the elliptical centric view order. <i>Magnetic Resonance in Medicine</i> , 2003, 50, 802-812.	1.9	7
21	MR diffusion tensor imaging: recent advance and new techniques for diffusion tensor visualization. <i>European Journal of Radiology</i> , 2003, 46, 53-66.	1.2	301
22	An improved MRI method for dynamic contrast-enhanced imaging of tumors. , 0, , .		0
23	MRI diffusion tensor reconstruction with PROPELLER data acquisition. , 0, , .		0
25	ECHO TRAIN PULSE SEQUENCES. , 2004, , 702-801.		45
26	ADVANCED PULSE SEQUENCE TECHNIQUES. , 2004, , 802-954.		11
27	MOTION-CORRECTION TECHNIQUES FOR STANDING EQUINE MRI. <i>Veterinary Radiology and Ultrasound</i> , 2004, 45, 513-519.	0.4	17
28	Single Trajectory Radial (STAR) imaging. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 445-451.	1.9	16
29	Self-navigated motion correction using moments of spatial projections in radial MRI. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 337-345.	1.9	27
30	Free-breathing radial acquisitions of the heart. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 1127-1135.	1.9	20
31	Self-navigated interleaved spiral (SNAILS): Application to high-resolution diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 1388-1396.	1.9	214
32	MRI diffusion tensor reconstruction with PROPELLER data acquisition. <i>Magnetic Resonance Imaging</i> , 2004, 22, 139-148.	1.0	36
33	Modeling anisotropic undersampling of magnetic resonance angiographies and reconstruction of a high-resolution isotropic volume using half-quadratic regularization techniques. <i>Signal Processing</i> , 2004, 84, 743-762.	2.1	5
34	Periodically Rotated Overlapping Parallel Lines with Enhanced Reconstructionâ€“Based Diffusion Tensor Imaging. <i>Journal of Computer Assisted Tomography</i> , 2004, 28, 654-660.	0.5	10
35	Visualization of Central Nervous System Nerve Communications Using Diffusion Tensor Imaging. <i>The Neuroradiology Journal</i> , 2004, 17, 135-144.	0.1	5
36	Motion Artifact Mimicking the Pulvinar Sign. <i>The Neuroradiology Journal</i> , 2004, 17, 659-660.	0.1	0
37	Non-Homogeneous Increased Intensity of the Cortex on PROPELLER DW MRI in Creutzfeldt-Jakob Disease. <i>The Neuroradiology Journal</i> , 2004, 17, 13-16.	0.1	1

#	ARTICLE	IF	CITATIONS
38	White Matter Tractography by Means of Turboprop Diffusion Tensor Imaging. Annals of the New York Academy of Sciences, 2005, 1064, 78-87.	1.8	12
39	High-resolution diffusion-weighted imaging with interleaved variable-density spiral acquisitions. Journal of Magnetic Resonance Imaging, 2005, 21, 468-475.	1.9	29
40	Retrospective motion compensation using variable-density spiral trajectories. Journal of Magnetic Resonance Imaging, 2005, 22, 373-380.	1.9	5
41	k-space undersampling in PROPELLER imaging. Magnetic Resonance in Medicine, 2005, 53, 675-683.	1.9	53
42	Free-breathing whole-heart coronary MRA with 3D radial SSFP and self-navigated image reconstruction. Magnetic Resonance in Medicine, 2005, 54, 476-480.	1.9	201
43	Matrix description of general motion correction applied to multishot images. Magnetic Resonance in Medicine, 2005, 54, 1273-1280.	1.9	190
44	PROPELLER EPI: An MRI technique suitable for diffusion tensor imaging at high field strength with reduced geometric distortions. Magnetic Resonance in Medicine, 2005, 54, 1232-1240.	1.9	115
45	Pitfalls and Artifacts of DW Imaging. , 2005, , 11-24.		0
46	New Algorithm for Extracting Motion Information from PROPELLER Data and Head Motion Correction in T1-Weighted MRI. , 2005, 2005, 1378-81.		4
47	Emerging Functional MR Angiographic Techniques. Magnetic Resonance Imaging Clinics of North America, 2005, 13, 181-188.	0.6	2
48	Integral Invariants for Computed Tomography. IEEE Signal Processing Letters, 2006, 13, 549-552.	2.1	13
49	Magnetic resonance imaging of freely moving objects: prospective real-time motion correction using an external optical motion tracking system. NeuroImage, 2006, 31, 1038-1050.	2.1	339
50	3T MR Imaging of the Brain. Magnetic Resonance Imaging Clinics of North America, 2006, 14, 77-88.	0.6	22
51	Diffusion-weighted MR Imaging for Determination of Hepatocellular Carcinoma Response to Yttrium-90 Radioembolization. Journal of Vascular and Interventional Radiology, 2006, 17, 1195-1200.	0.2	111
52	Advantages and Limitations of Prospective Head Motion Compensation for MRI Using an Optical Motion Tracking Device. Academic Radiology, 2006, 13, 1093-1103.	1.3	31
53	Generation and visualization of four-dimensional MR angiography data using an undersampled 3-D projection trajectory. IEEE Transactions on Medical Imaging, 2006, 25, 148-157.	5.4	55
54	Optimization of white matter tractography for pre-surgical planning and image-guided surgery. Oncology Reports, 2006, 15, 1061-1064.	1.2	26
56	Multishot Diffusion-Weighted PROPELLER Magnetic Resonance Imaging of the Abdomen. Investigative Radiology, 2006, 41, 769-775.	3.5	85

#	ARTICLE	IF	CITATIONS
57	Evaluation of Super Paramagnetic Iron Oxide-Enhanced Diffusion-Weighted PROPELLER T2-Fast Spin Echo Magnetic Resonance Imaging. <i>Journal of Computer Assisted Tomography</i> , 2006, 30, 197-200.	0.5	31
58	Advances in Clinical 3-Tesla Neuroimaging. <i>Investigative Radiology</i> , 2006, 41, 63-67.	3.5	23
59	In Vivo Diffusion-Weighted Imaging of Liver Tumor Necrosis in the VX2 Rabbit Model at 1.5 Tesla. <i>Investigative Radiology</i> , 2006, 41, 410-414.	3.5	49
60	Brain Magnetic Resonance Imaging at 3 Tesla Using BLADE Compared With Standard Rectilinear Data Sampling. <i>Investigative Radiology</i> , 2006, 41, 586-592.	3.5	64
61	Three-dimensional Anisotropy Contrast Periodically Rotated Overlapping Parallel Lines with Enhanced Reconstruction (3DAC PROPELLER) on a 3.0T System: A New Modality for Routine Clinical Neuroimaging. <i>Journal of Neuroimaging</i> , 2006, 16, 206-211.	1.0	17
62	Improved optimization strategies for autofocusing motion compensation in MRI via the analysis of image metric maps. <i>Magnetic Resonance Imaging</i> , 2006, 24, 751-760.	1.0	14
63	Utility of fat-suppressed FLAIR and subtraction imaging in detecting meningeal abnormalities. <i>Neuroradiology</i> , 2006, 48, 881-885.	1.1	16
64	Retrospective motion correction protocol for high-resolution anatomical MRI. <i>Human Brain Mapping</i> , 2006, 27, 957-962.	1.9	84
65	Three-dimensional reconstruction of limited-view projections for contrast-enhanced magnetic resonance angiography at high temporal and spatial resolution. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 68-74.	1.9	7
66	Propeller EPI in the other direction. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 1298-1307.	1.9	78
67	Three-dimensional MRI with an undersampled spherical shells trajectory. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 553-562.	1.9	16
68	PROPELLER-EPI with parallel imaging using a circularly symmetric phased-array RF coil at 3.0 T: Application to high-resolution diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 1352-1358.	1.9	40
69	Deconvolution-interpolation gridding (DING): Accurate reconstruction for arbitrary k-space trajectories. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 1182-1191.	1.9	15
70	Artifacts and pitfalls in diffusion MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 478-488.	1.9	660
71	Quantifying and correcting motion artifacts in MRI. , 2006, 6316, 74.		7
72	Ultrafast magnetic resonance imaging protocols in stroke. <i>Expert Review of Neurotherapeutics</i> , 2006, 6, 921-930.	1.4	2
73	Globally Optimal Multimodal Rigid Registration: An Analytic Solution using Edge Information. <i>Proceedings International Conference on Image Processing</i> , 2007, , .	0.0	13
74	Improved bulk rotation detection and correction in MRI. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 2106-9.	0.5	0

#	ARTICLE	IF	CITATIONS
75	A Fast Parallel Imaging Rotary Phased Array Head Coil with Improved Sensitivity Profile Deep in the Center of the Brain. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 504-7.	0.5	4
76	A modified view ordering for artifact reduction in MRI. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 2053-6.	0.5	4
77	Perceptual difference model (Case-PDM) for evaluation of MR images: validation and calibration. , 2007, , .		2
78	In Vivo Imaging of Cancer Therapy. , 2007, , .		6
79	Efficient Least Squares Multimodal Registration With a Globally Exhaustive Alignment Search. IEEE Transactions on Image Processing, 2007, 16, 2526-2534.	6.0	44
80	MRI of Moving Subjects Using Multislice Snapshot Images With Volume Reconstruction (SVR): Application to Fetal, Neonatal, and Adult Brain Studies. IEEE Transactions on Medical Imaging, 2007, 26, 967-980.	5.4	173
81	Consistent non-cartesian off-axis MRI quality: Calibrating and removing multiple sources of demodulation phase errors. Magnetic Resonance in Medicine, 2007, 57, 206-212.	1.9	27
82	Augmented generalized SENSE reconstruction to correct for rigid body motion. Magnetic Resonance in Medicine, 2007, 57, 90-102.	1.9	84
83	Time-resolved MR angiography with limited projections. Magnetic Resonance in Medicine, 2007, 58, 316-325.	1.9	25
84	Targeted ROTational magnetic resonance angiography (TROTA). Magnetic Resonance in Medicine, 2007, 58, 448-453.	1.9	1
85	Non-Cartesian data reconstruction using GRAPPA operator gridding (GROG). Magnetic Resonance in Medicine, 2007, 58, 1257-1265.	1.9	95
86	TSE with average-specific phase encoding ordering for motion detection and artifact suppression. Journal of Magnetic Resonance Imaging, 2007, 25, 1271-1282.	1.9	5
87	Clinical application of high and ultra high-field MRI. Brain and Development, 2007, 29, 325-335.	0.6	61
88	Principles and implementation of diffusion-weighted and diffusion tensor imaging. Pediatric Radiology, 2007, 37, 739-748.	1.1	33
89	MRI with TRELLIS: a novel approach to motion correction. Magnetic Resonance Imaging, 2008, 26, 474-483.	1.0	16
90	From A as in Aliasing to Z as in Zipper: Artifacts in MRI. Klinische Neuroradiologie, 2008, 18, 25-36.	0.9	26
91	Discordance of motion artifacts on magnetic resonance imaging in Creutzfeldt-Jakob disease: comparison of diffusion-weighted and conventional imaging sequences. Radiation Medicine, 2008, 26, 151-155.	0.8	1
92	Renal T2-weighted turbo-spin-echo imaging with BLADE at 3.0 Tesla: Initial experience. Journal of Magnetic Resonance Imaging, 2008, 27, 148-153.	1.9	34

#	ARTICLE	IF	CITATIONS
93	Pulse sequences and system interfaces for interventional and real-time MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 267-275.	1.9	43
94	Comparison between 2D and 3D high-resolution black-blood techniques for carotid artery wall imaging in clinically significant atherosclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 918-924.	1.9	83
95	Evaluation of motion correction effect and image quality with the periodically rotated overlapping parallel lines with enhanced reconstruction (PROPELLER) (BLADE) and parallel imaging acquisition technique in the upper abdomen. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 957-962.	1.9	74
96	Generalized MRI reconstruction including elastic physiological motion and coil sensitivity encoding. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 1401-1411.	1.9	39
97	Multishot diffusion-weighted SPLICE PROPELLER MRI of the abdomen. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 947-953.	1.9	47
98	Self-calibrating GRAPPA operator gridding for radial and spiral trajectories. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 930-935.	1.9	55
99	Monitoring prostate thermal therapy with diffusion-weighted MRI. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 1365-1372.	1.9	55
100	Fast, exact k -space sample density compensation for trajectories composed of rotationally symmetric segments, and the SNR-optimized image reconstruction from non-Cartesian samples. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 339-349.	1.9	3
101	Reconstruction of undersampled non-Cartesian data sets using pseudo-Cartesian GRAPPA in conjunction with GROG. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 1127-1137.	1.9	41
102	Generalized Reconstruction by Inversion of Coupled Systems (GRICS) applied to free-breathing MRI. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 146-157.	1.9	125
103	Respiratory motion-compensated radial dynamic contrast-enhanced (DCE)-MRI of chest and abdominal lesions. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 1135-1146.	1.9	105
104	An auto-calibrated, angularly continuous, two-dimensional GRAPPA kernel for propeller trajectories. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 1457-1465.	1.9	24
105	An iterative reconstruction technique for geometric distortion-corrected segmented echo-planar imaging. <i>Magnetic Resonance Imaging</i> , 2008, 26, 1406-1414.	1.0	16
106	Automatic correction of in-plane bulk motion artifacts in self-navigated radial MRI. <i>Magnetic Resonance Imaging</i> , 2008, 26, 367-378.	1.0	7
107	Contrast-enhanced MR imaging of the brain using T1-weighted FLAIR with BLADE compared with a conventional spin-echo sequence. <i>European Radiology</i> , 2008, 18, 337-342.	2.3	47
108	PROPELLER MRI visualizes detailed pathology of hippocampal sclerosis. <i>Epilepsia</i> , 2008, 49, 33-39.	2.6	58
109	Readout-segmented EPI for rapid high resolution diffusion imaging at 3T. <i>European Journal of Radiology</i> , 2008, 65, 36-46.	1.2	167
110	A tractography comparison between turboprop and spin-echo echo-planar diffusion tensor imaging. <i>NeuroImage</i> , 2008, 42, 1451-1462.	2.1	16

#	ARTICLE	IF	CITATIONS
111	Contrast-enhanced T1-weighted Fluid-attenuated Inversion-recovery BLADE Magnetic Resonance Imaging of the Brain. Academic Radiology, 2008, 15, 986-995.	1.3	45
112	Advances in Pediatric MR Imaging. Magnetic Resonance Imaging Clinics of North America, 2008, 16, 385-402.	0.6	23
113	Toeplitz-based iterative image fusion scheme for MRI. , 2008, , .		13
114	A new method in accelerating PROPELLER MRI. , 2008, 2008, 1655-8.		2
115	Depiction of the Cranial Nerves Within the Brain Stem with Use of PROPELLER Multishot Diffusion-Weighted Imaging. American Journal of Neuroradiology, 2008, 29, 911-912.	1.2	14
116	Robust statistical extension to TRELLIS motion correction in MRI. Proceedings of SPIE, 2008, , .	0.8	0
117	MRI Artifact Reduction and Quality Improvement in the Upper Abdomen with PROPELLER and Prospective Acquisition Correction (PACE) Technique. American Journal of Roentgenology, 2008, 191, 1154-1158.	1.0	99
118	Preoperative depiction of cavernous sinus invasion by pituitary macroadenoma using three-dimensional anisotropy contrast periodically rotated overlapping parallel lines with enhanced reconstruction imaging on a 3-tesla system. Journal of Neurosurgery, 2008, 108, 37-41.	0.9	23
119	MRI Image Enhancement By PROPELLER Data Fusion. , 2008, , .		1
120	High resolution MRI image reconstruction from a PROPELLER data set of samples. International Journal of Functional Informatics and Personalised Medicine, 2008, 1, 311.	0.4	4
121	Quantitative image quality evaluation of MR images using perceptual difference models. Medical Physics, 2008, 35, 2541-2553.	1.6	28
122	High-resolution imaging with high and ultra high-field magnetic resonance imaging systems. NeuroReport, 2008, 19, 7-13.	0.6	17
123	IMAGING Magnetic Resonance Imaging in Epilepsy Research: Recent and Upcoming Developments. , 2009, , 1549-1554.		1
124	The decisive role of cardiovascular MRI delayed hyperenhancement (DHE) pattern for risk stratification for dilated cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
125	Physiological MR of the pediatric brain. , 0, , 705-726.		0
126	GPU Acceleration of PROPELLER MRI Using CUDA. , 2009, , .		3
127	Affine motion compensation with improved reconstruction in PROPELLER MRI. , 2009, 2009, 2680-3.		1
128	Multi-Shot Diffusion Weighted PROPELLER on 0.35T Open MRI System. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
129	Motion in Cardiovascular MR Imaging. Radiology, 2009, 250, 331-351.	3.6	140
131	Hepatic Lesions: Improved Image Quality and Detection with the Periodically Rotated Overlapping Parallel Lines with Enhanced Reconstruction Technique—Evaluation of SPIO-enhanced T2-weighted MR Images. Radiology, 2009, 251, 388-397.	3.6	37
132	Fast iterative reconstruction method for PROPELLER MRI. , 2009, , .		1
133	Extrapolation and Correlation (EXTRACT): A New Method for Motion Compensation in MRI. IEEE Transactions on Medical Imaging, 2009, 28, 82-93.	5.4	6
134	Effect of slice angle on inhomogeneity artifact and its correction in slice-selective MR imaging. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2009, 34A, 238-248.	0.2	5
135	Undersampled radial MR acquisition and highly constrained back projection (HYPR) reconstruction: Potential medical imaging applications in the post-Nyquist era. Journal of Magnetic Resonance Imaging, 2009, 29, 501-516.	1.9	56
136	Intraprocedural diffusion-weighted PROPELLER MRI to guide percutaneous biopsy needle placement within rabbit VX2 liver tumors. Journal of Magnetic Resonance Imaging, 2009, 30, 366-373.	1.9	8
137	Usefulness of the application of the BLADE technique to reduce motion artifacts on navigation-triggered prospective acquisition correction (PACE) T2-weighted MRI (T2WI) of the liver. Journal of Magnetic Resonance Imaging, 2009, 30, 321-326.	1.9	22
138	Turboprop IDEAL: A motion-resistant fat-water separation technique. Magnetic Resonance in Medicine, 2009, 61, 188-195.	1.9	23
139	Convolution kernel design and efficient algorithm for sampling density correction. Magnetic Resonance in Medicine, 2009, 61, 439-447.	1.9	50
140	Motion corrected intracranial MRA using PROPELLER with RF quadratic encoding. Magnetic Resonance in Medicine, 2009, 61, 1405-1414.	1.9	3
141	Rigid-body motion correction with self-navigation MRI. Magnetic Resonance in Medicine, 2009, 61, 739-747.	1.9	22
142	Using the GRAPPA operator and the generalized sampling theorem to reconstruct undersampled non-Cartesian data. Magnetic Resonance in Medicine, 2009, 61, 705-715.	1.9	14
143	Three-dimensional, in vivo MRI with self-gating and image coregistration in the mouse. Magnetic Resonance in Medicine, 2009, 61, 1148-1157.	1.9	58
144	Modified PROPELLER approach for T_2 -mapping of the abdomen. Magnetic Resonance in Medicine, 2009, 61, 1269-1278.	1.9	13
145	Motion correction in periodically-rotated overlapping parallel lines with enhanced reconstruction (PROPELLER) and turboprop MRI. Magnetic Resonance in Medicine, 2009, 62, 174-182.	1.9	55
146	Elliptical field-of-view PROPELLER imaging. Magnetic Resonance in Medicine, 2009, 62, 808-814.	1.9	5
147	High resolution diffusion-weighted imaging using readout-segmented echo-planar imaging, parallel imaging and a two-dimensional navigator-based reacquisition. Magnetic Resonance in Medicine, 2009, 62, 468-475.	1.9	510

#	ARTICLE	IF	CITATIONS
148	Myocardial perfusion MRI with slidingâ€window conjugateâ€gradient HYPR. Magnetic Resonance in Medicine, 2009, 62, 835-839.	1.9	35
149	Prospective headâ€movement correction for highâ€resolution MRI using an inâ€bore optical tracking system. Magnetic Resonance in Medicine, 2009, 62, 924-934.	1.9	127
150	Prospective realâ€time correction for arbitrary head motion using active markers. Magnetic Resonance in Medicine, 2009, 62, 943-954.	1.9	139
151	Robust GRAPPAâ€accelerated diffusionâ€weighted readoutâ€segmented (RS)â€EPI. Magnetic Resonance in Medicine, 2009, 62, 1629-1640.	1.9	101
152	Anisotropic field-of-view shapes for improved PROPELLER imaging. Magnetic Resonance Imaging, 2009, 27, 470-479.	1.0	7
153	Performance of PROPELLER relative to standard FSE T2-weighted imaging in pediatric brain MRI. Pediatric Radiology, 2009, 39, 1038-1047.	1.1	16
154	Reduced artefacts and improved assessment of hyperintense brain lesions with BLADE MR imaging in patients with neurofibromatosis type 1. Pediatric Radiology, 2009, 39, 1216-1222.	1.1	11
155	Tractâ€byâ€Tract Morphometric and Diffusivity Analyses In Vivo of Spinocerebellar Degeneration. Journal of Neuroimaging, 2009, 19, 220-226.	1.0	7
156	Tracking and analysis of human head motion during Guided fMRI motor tasks. , 2009, , .		2
157	Diffusion-weighted imaging in head and neck cancers. Future Oncology, 2009, 5, 959-975.	1.1	82
158	Effective fat-suppression for late gadolinium enhancement combined with a sequential acquisition order. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
159	Myocardial T2* mapping free of distortion using susceptibility weighted spin-echo based imaging: a feasibility study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
160	Cardiac magnetic resonance imaging versus transesophageal echocardiography for the evaluation of mitral valve pathology prior to surgical intervention (The MagnaSound study). Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
161	Volume tracking â€ a novel method for visualization and quantification of intracardiac blood flow from 3D time resolved phase contrast MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
162	Screening for hypertrophic cardiomyopathy: a cost analysis of echocardiography, cardiac magnetic resonance and genetic testing. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
163	Impaired aortic distensibility determined by magnetic resonance imaging in patients with different bicuspid aortic valve phenotypes. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
164	Evaluation of model-based contouring versus 2D segmentation for cardiac mass and volumes. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
165	Clinical evaluation of automatic whole-heart and coronary-artery segmentation. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2

#	ARTICLE	IF	CITATIONS
166	Aortic stiffness as an independent predictor of cardiac function and cerebral white matter hyperintensities in diabetes mellitus assessed by Magnetic Resonance Imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
167	Improved accuracy in flow mapping of congenital heart disease using stationary phantom technique. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
168	CMR assessment of right ventricular function in patients with combined pulmonary stenosis and insufficiency after correction of tetralogy of Fallot. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
169	Do we need to consider motion artefacts other than swallowing in carotid artery imaging?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
170	The role of peri-aortic fat in aortic atherosclerosis. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
171	Cardiovascular magnetic resonance measures of coronary artery blood flow improve after receipt of oral conjugated estrogen and/or high dose atorvastatin in early post-menopausal women without known coronary arteriosclerosis. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
172	Acquiring multiple slices in a single breath-hold. Is it practical for routine workflow?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
173	Continuous table movement for peripheral MRA with matrix coils at 3.0 T. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
174	The right ventricle shows distinct wall motion characteristics in L-TGA vs. D-TGA/atrial switch. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
175	Left ventricular T2 distribution in Duchenne Muscular Dystrophy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
176	Assessment of transmural perfusion effect with Blood Oxygen Level-Dependent Cardiovascular Magnetic Resonance Imaging (BOLD-CMR). Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
177	Does DHE imaging shed insight into the inaccuracy of EKGs?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
178	Non-invasive quantification of myocardial fibrosis in diabetic mice using in-vivo high-resolution MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
179	Time-resolved myocardial perfusion MRI with reduced data acquisition window, improved spatial coverage, resolution and SNR. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
180	Free-breathing steady-state free precession 3D coronary MRA: investigation of the dependency on the running direction of the vessel and the direction of the motion correction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
181	Whole heart 3 D MR coronary angiography with and without extracellular contrast agent. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
182	Training-induced enlargement of the heart is balanced between the left and right atria and ventricles. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
183	Location, patterns, and quantification of myocardial fibrosis identified by cardiac magnetic resonance delayed enhancement late after fontan operation. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
184	4D flow for accurate assessment of complex flow distribution. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
185	SNR improvement in GRE-EPI first-pass myocardial perfusion images with non-rigid body registration and KLT filtering. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
186	Underestimation of carotid plaque by ultrasound IMT and potential error in measurement of change in plaque burden: simultaneous comparison with 3 T MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
187	k-t SENSE accelerated stress myocardial perfusion MRI at 3 Tesla. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
188	Comparison of methods for ranking and stratification of community-dwelling adults by pericardial fat thickness measured using cardiovascular magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
189	First-pass myocardial perfusion assessment using eight-fold accelerated k-t BLAST stress DCE-MRI with rapid parametric mapping. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
190	Does lipid lowering therapy improve calf muscle perfusion and cellular metabolism in peripheral arterial disease?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
191	Prognostic value of normal cardiac MRI in patients with suspected arrhythmogenic right ventricular dysplasia. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
192	Comparison of right ventricular involvement in AL and transthyretin-type cardiac amyloidosis by cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
193	Coronary risk factors for the increased of coronary wall thickness : multi-ethnic study of atherosclerosis (MESA). Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
194	Evidence across CMR sites and systems of background velocity offset errors requiring correction before accurate measurement of regurgitant and shunt flow. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
195	The beneficial cardiovascular effects of bariatric surgery are similar to dietary weight loss in obesity. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
196	Is there a prognostic value of CMR derived 3D right ventricular geometry and function?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
197	Variability of perfusion dark rim artifacts due to Gibbs ringing. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
198	Quantification of vendor-specific relationships between fast gradient echo and steady-state free precession cine MRI for determination of myocardial mass and volumes. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
199	Multifunctional perfluorooctylbromide alginate microcapsules for monitoring of mesenchymal stem cell delivery using CT and MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	7
200	Diffusion-prepared dark blood delayed enhancement imaging for improved detection of subendocardial infarcts. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	4
201	Individual versus combined diagnostic performances of non-invasive CMR and invasive EMB in troponin-positive patients without coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
202	Serum biomarkers and traditional risk factors as predictors of peripheral arterial disease assessed by magnetic resonance angiography. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
203	Regional wall motion abnormalities at rest and stress in patients with end-stage renal disease diagnosed by cardiac magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
204	Is the pattern of LVH regression in patients with severe aortic stenosis altered by the sex of the patient? A 4-year pre and post aortic valve surgery study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
205	Relationship between infarct gray zone and characteristics of ventricular tachycardia using multi-contrast delayed enhancement: preliminary results. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
206	Acute and chronic cardiac radio frequency ablation lesion visualisation using magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
207	The association of C-reactive protein with left ventricular systolic function and left ventricular myocardial fibrosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
208	Coronary MR angiography in children during systole and diastole using a dual cardiac phase scan of the whole heart. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
209	Cardiac MR for ventricular scar evaluation in patients with implanted defibrillators: technical and safety issues, and initial results. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
210	Right ventricular function and structure: results from the Multi-Ethnic Study of Atherosclerosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
211	Pulmonary vein stenoses are reversible early after plumonary vein isolation in patients with paroxysmal atrial fibrillation – a cardiac mri analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
212	Assessment of left ventricular volumes and mass using single-breath-hold 3D k-t BLAST cine b-SSFP in comparison with multiple-breath-hold 2D cine b-SSFP. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
213	T2 weighted three dimensional imaging of the whole heart. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
214	Local coronary endothelial dysfunction varies with the extent of coronary disease: a 3 T MRI study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
215	Accelerated real time 2D and segmented 3D cine imaging – whole heart approaches in a single breath hold. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
216	Cine-EPI can be used to detect coronary artery stenoses in canines. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
217	Contrast enhanced MRI and MR coronary angiography (MRCA) as one stop shop in patients with untreated myocardial infarction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
218	4D flow of the whole heart and great vessels using real time self respiratory gating. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
219	"ART-FUN": an integrated software for functional analysis of the aorta. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	7

#	ARTICLE	IF	CITATIONS
220	Cardiac and pancreatic iron overload evaluation of sickle β^0/β^2 -Thalassemia patients utilizing T2* MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
221	Multi slice DENSE in a single breath hold. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
222	Assessment of myocardial oxygenation changes in the presence of coronary artery stenosis with three dimensional cardiac phase-resolved SSFP BOLD imaging in canines. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
223	Left ventricular systolic dysfunction predicts incremental utility of delayed enhancement CMR vs. echocardiography for diagnosis of LV thrombus. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
224	Myocardial perfusion and viability after percutaneous recanalization of coronary chronic total occlusions: a cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
225	Coronary artery flow velocity reserve during the cold pressor test in overweight, healthy women using spiral imaging at 3 T. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
226	A short-term, high fat diet impairs cardiac high energy phosphate metabolism, without change in cardiac function. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
227	Non-invasive assessment of coronary artery distensibility by 3.0 T cardiac MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
228	Abstract withdrawn by author. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
229	3D peripheral subtraction MRA using flow-spoiled ECG-triggered balanced SSFP. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
230	An automated method for left ventricular localization and identification of end-systolic and end-diastolic images from cine cardiac MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
231	CMR atrial angiography makes redo AF ablations faster and easier with less x-ray fluoroscopy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
232	Quantification of interventricular dyssynchrony by phase contrast magnetic resonance angiography. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
233	The reproducibility of cardiac T2* measurement in thalassaemia major patients using bright and black blood sequences. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
234	Repeatability of global myocardial function parameters post pacemaker implantation. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
235	A phantom study of temperature-dependent MRI T2* measurement. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	7
236	Delayed hyper-enhancement cardiac magnetic resonance provides incremental prognostic value in patients with cardiac amyloidosis. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
237	Predictors of subclinical diastolic dysfunction measured by MRI: multi-ethnic study of atherosclerosis (MESA). Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
238	The MR-stethoscope: safe cardiac gating free of interference with electro-magnetic fields at 1.5 T, 3.0 T and 7.0 T. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	2
239	The effect of dobutamine stress on diastolic filling rates in obese subjects. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
240	Blood oxygen level-dependent MRI in patients with coronary artery disease and normal volunteers: a validation study against PET. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
241	Relationship of left ventricular non-compaction with papillary muscle insertion site and partition. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
242	Accurate quantification of heart valve regurgitation in all four heart valves simultaneously using 3D velocity-encoded MRI with retrospective valve tracking. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
243	Measuring right ventricular volume and ejection fraction with Simpson's method: which MRI axis is best? Comparison with a "gold standard". <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
244	Focal myocardial fibrosis detected with magnetic resonance late Gadolinium enhancement imaging and diffuse interstitial fibrosis determined with histological staining of endomyocardial biopsy specimens in patients with non-ischemic left ventricular systolic dysfunction: two distinct entities?. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
245	Early diastolic leftward septal motion in Tetralogy of Fallot at MRI: analysis and comparison to patients with constrictive/restrictive physiology. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
246	Associations of plasma C-Reactive Protein and osteopontin levels with the severities of coronary and aortic atherosclerosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
247	Chemotherapy induced abnormal aortic function assessed by magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
248	Internal Flow Fraction discriminates patients with dyssynchronous heart failure from age and sex-matched controls. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
249	The involvement of the aorta by cardiac magnetic resonance in the inflammatory process of acute coronary syndrome. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
250	Validation of left ventricular wall thickening in short-axis cine magnetic resonance imaging by correction of basal-descent through-plane movement. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
251	Diagnostic accuracy of half-contrast dose bSSFP vs full-contrast dose hEPI MR perfusion imaging in patients with known or suspected coronary artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
252	Optimized assessment for establishing myocardial viability prior to revascularization of a chronic total coronary occlusion using cardiac magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
253	Rapid cardiac cine imaging using MACH. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
254	Safety and accuracy of cardiac magnetic resonance imaging combined with low-dose dobutamine stress-testing in patients with congenital heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
255	Automatic segmentation of multi-echo Cardiac Magnetic Resonance images. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1

#	ARTICLE	IF	CITATIONS
256	Assessment of stress and rest perfusion in patients early after first anterior STEMI patients treated successfully with pPCI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
257	Relationship of aortic stiffness measured by cardiovascular magnetic resonance to arterial stiffness estimates by tonometry. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
258	Oxidative stress and inflammatory markers are determinants of carotid artery disease quantified by magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
259	Comparison between single shot ir-steady state free precession and conventional ir-fast gradient echo sequence for automated quantification of the scar size in acute myocardial infarction in daily practice. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
260	A novel prototype-based segmentation requiring only five training cases applied to MR angiography. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
261	Cardiovascular magnetic resonance imaging in early anthracycline cardiotoxicity. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	4
262	7 T MRI of macrophages in mouse carotid atherosclerosis using novel nanoparticle platforms. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
263	Myocardial fat quantification using 2D Dixon MRI: feasibility study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
264	Diffuse fibrosis in dilated cardiomyopathy results in a shorter myocardial null time. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
265	Are there innate differences in 3D ejection fraction between the sexes detectable by CMR? A CMR study in ~4000 patients. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
266	Coronary sinus flow reserve in response to cold pressor stress in healthy women using velocity-encoded cine (VEC) spiral 3 T MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
267	T2* heterogeneity detected by CMR could be related to myocardial iron distribution in Thalassemia patients. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
268	Fat/water separation imaging shows fatty deposition in areas of chronic left ventricular myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
269	Co-localization of areas of delayed mechanical activation and areas of myocardial scar. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
270	Ventricular function and volume assessment in children, adolescents and young adults with thalassemia major without myocardial iron overload. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
271	Improved image quality in subtraction based non-contrast MRA using automated soft tissue motion correction with BRACE. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
272	Contrast-enhanced MR imaging of pulmonary arteries: new imaging strategies using different contrast agents. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
273	Limited plane analysis reduces accuracy of 3-dimensional reconstruction of the right ventricle. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1

#	ARTICLE	IF	CITATIONS
274	Strain-encoded imaging for prediction of functional recovery in patients after acute myocardial infarction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
275	MRI-assessed end-organ damage in hypertension: association between aortic stiffness, cardiac function and lacunar brain infarcts. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
276	Relationship between regional wall shear stress and carotid plaque composition using 3 T MRI and patient-specific computational fluid dynamics. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
277	Teleradiologic network for central management and analysis of MR images: a three-years experience of the competence network for congenital heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
278	Assessment of cardiac oedema in patients with acute myocardial infarction by manual planimetry and computerised segmentation of triple inversion recovery prepared turbo spin echo images. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
279	Real-time free-breathing strategy for tracking labeled cells with in-vivo cardiac MRI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
280	In-room treadmill exercise stress cardiac magnetic resonance in patients with suspected ischemic heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
281	Pulse wave velocity in the aortic arch is the strongest predictor of left ventricular concentric remodeling in subjects with different levels of cardiovascular risk. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
282	Pulmonary distensibility and flow dynamics in systemic sclerosis using velocity encoded magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
283	Prevalence and clinical correlates of myocardial fibrosis and necrosis in thalassemia major patients by CMR-DE. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
284	Towards MR-guided EP interventions using an RF-safe approach. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	5
285	A T2-mapping method to quantitatively differentiate edema from normal myocardium. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
286	Atrial size and function post orthotopic heart transplantation – CMR and ECHO study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
287	Late gadolinium enhancement as an independent predictor of atrial fibrillation in hypertrophic cardiomyopathy (HCM). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
288	Evaluation by MRI of left ventricular remodeling and global functional recovery in patients treated with granulocyte-colony stimulating factor (G-CSF) after acute myocardial infarction (AMI). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
289	Assessing strain in arrhythmogenic right ventricular cardiomyopathy using cine DENSE MRI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
290	k-t SENSE-accelerated myocardial perfusion MR imaging at 3.0 Tesla – comparison with pressure wire measurement of fractional flow reserve. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
291	Increased susceptibility of the left lateral free wall to myocardial delayed enhancement in Duchenne Muscular Dystrophy: progressive systolic dysfunction demonstrable by CMR regional strain analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1

#	ARTICLE	IF	CITATIONS
292	Coronary MRI with induced vasodilation using isosorbide dinitrate. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
293	The utility of cardiovascular magnetic resonance imaging in Takotsubo Cardiomyopathy (apical) Tj ETQq1 1 0.784314 rgBT /Overlock Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
294	Pulmonary blood density in systemic sclerosis â€“ a novel non-invasive measure of pulmonary arterial hypertension?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
295	Is inversion time dependent on relaxivity?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
296	Role of First Pass (FP) and delayed enhancement in functional recovery assessment after Acute Myocardial Infarction (AMI). Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
297	The evaluation of right and left ventricular morphology by CMR with comparison to recipient heart after heart transplant: a surgical perspective. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
298	Does implantation of an Amplatzer septal occluder (ASO) device change ventricular contraction pattern? An MR tagging study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
299	Validation of myocardial perfusion and coronary flow reserve in rats using spin-labeling gradient echo imaging with a fluorescent microsphere technique as standard of reference. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
300	Imaging the vessel wall in major peripheral arteries using susceptibility weighted imaging: visualizing calcifications. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
301	Selection of percutaneous aortic valve replacement candidates: CMR assessment of aortic valve stenosis and aortic root morphology in comparison with echocardiography and cardiac catheterization. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
302	Could TnI level on admission predict function and infarct size in STEMI patient treated with pPCI â€“ CMR study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
303	Navigator-gated 3D cine DENSE: development and initial evaluation. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
304	Altered right ventricular papillary muscle position and orientation in patients with dilated left ventricles. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
305	European cardiovascular magnetic resonance (EUROCMR) registry â€“ preliminary results of the German pilot phase. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
306	Analysis platform for hemodynamic function in congenital heart disease. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
307	Myocardial salvage in acute myocardial infarction assessed by magnetic resonance imaging â€“ influences by the antioxidative agent N-acetylcystein. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
308	Perfusion MRI for monitoring therapy effects in experimental chronic limb ischemia. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
309	Clinical, angiographic, and electrocardiographic predictors of infarct size and microvascular obstruction assessed by MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
310	Can the outcome of post partum cardiomyopathy be predicted using late gadolinium enhancement CMR?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
311	Myocardial salvage by contrast-enhanced cine MR imaging: validation study against conventional T2 edema imaging and angiographic estimates of myocardium at risk during acute myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
312	Relationship between CMR and ECG-derived indices of left ventricular hypertrophy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
313	Non-rheumatic streptococcal myocarditis mimicking acute ST-segment elevation myocardial infarction: characterization by cardiac magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
314	Pioglitazone alters fat distribution in patients with type 2 diabetes mellitus, in contrast to metformin. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
315	A novel, dual-contrast in-vivo MR imaging method with principal component analysis reliably quantifies lipid-rich necrotic core and collagen in human carotid atherosclerotic plaques. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
316	Prevalence of non-cardiac incidental findings during routine clinical CMR assessment. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	3
317	Impact of temporal resolution on cardiac phase-resolved oxygen-sensitive myocardial steady-state free precession imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
318	A 3D evaluation of dyssynchrony may offer an advantage over a 2D approach; a cardiovascular MRI method for dyssynchrony quantification. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
319	Magnetic resonance phase contrast imaging in children with pulmonary artery hypertension. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
320	Quantitative evaluation of the dark rim artifact in cardiac perfusion images. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
321	Feasibility of noninvasive 3 T MRI-guided myocardial ablation with high intensity focused ultrasound. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
322	Myocardial change with microvasculer obstruction after acute myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
323	GEISIR: gadolinium exposure induced systemic inflammatory response in dialysis patients. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
324	XMR is a useful modality to guide, map and quantify the perfusion territories of coronary arteries. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
325	T2-imaging of area-at-risk predicts recovery of cardiac function in a canine model of acute myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
326	Influence of late gadolinium enhancement on left ventricular morphology and function in patients with sarcoidosis. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
327	Should reference values for ventricular volumes and mass of children be indexed for body surface area, height or weight considering gender differences?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
328	Right ventricular ejection fraction, measured during inter-stage cardiac magnetic resonance imaging, predicts outcome for patients with hypoplastic left heart syndrome. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
329	Left ventricular dyssynchrony in patients with left bundle branch block and patients after myocardial infarction using 3D MR tagging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
330	Cardiac magnetic resonance findings in asymptomatic patients with Brugada syndrome. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
331	Myocardial T1 measurement in patients with thalassemia major. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
332	Association between aortic stiffness measured by cardiovascular magnetic resonance and sub-clinical carotid atherosclerosis in young adults. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
333	Longitudinal versus cross-sectional studies of effects of aging on ventricular structure and function using cardiac magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
334	Adenosine induced pulmonary vasodilation is blocked by active cigarette smoking, an evaluation by pulmonary transit time with first pass perfusion MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
335	Differential branch pulmonary artery regurgitant fraction identifies patients with unilateral stenosis associated with relatively elevated pulmonary vascular resistance in the contralateral lung after repair of conotruncal anomalies. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
336	Right and left sided cardiac function in HIV patients on anti-retroviral therapy: a cine magnetic resonance imaging study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
337	Myocardial vasculature: the third significant contributor to MR diffusion signals in the isolated rabbit heart. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
338	Impact of myocardial hemorrhage on left ventricular function and remodeling in patients with reperfused acute myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
339	System identification theory in myocardial perfusion modeling of dynamic contrast-enhanced MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
340	Delayed-enhanced magnetic resonance imaging for identifying the ventricular arrhythmia substrate in non-ischemic cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
341	Whole-heart contrast-enhanced coronary magnetic resonance angiography in less than 5 minutes using gradient echo interleaved EPI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
342	Trajectory of the time course for LVH regression and remodeling imparted by aortic valve replacement for severe aortic stenosis; a cardiovascular MRI study sponsored by the American Heart Association. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
343	Increased left ventricular torsion in hypertrophic cardiomyopathy mutation carriers with normal wall thickness. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
344	Left ventricular diastolic function assessed with cardiovascular magnetic resonance imaging and exercise capacity in patients with non-obstructive hypertrophic cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	3
345	Sudden cardiac death with normal coronaries: cardiac MRI in the differential diagnosis of underlying disease in survivors. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
346	Axial slices compared to short-axis slices for measurement of right and left ventricle volumes of patients with corrected Tetralogy of Fallot and Ebstein's anomaly by cardiac magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
347	The role of CMR in the diagnosis of systemic vasculitis: a case study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
348	Diagnostic and therapeutic impact of cardiac MRI in patients with cryptogenic ischemic stroke. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
349	Fragmented QRS complexes on a 12-lead ECG as a marker of non-coronary artery disease related myocardial disease by gadolinium delayed enhancement cardiac magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
350	Quantitative evaluation of normal myocardial stress perfusion using Fermi and MMID4. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
351	Heterogeneity in age related central arterial stiffening: ascending aortic stiffness is a better predictor of carotid to femoral pulse wave velocity and brachial peripheral blood pressure than carotid stiffness. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
352	MRI evaluation of the role of No-Reflow in left ventricular remodeling after Acute Myocardial Infarction (AMI). Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
353	Reproducibility of aortic pulse wave velocity measurements obtained with Phase Contrast Magnetic Resonance (PCMR) and applanation tonometry. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
354	High-resolution diffusion tensor mr imaging for the evaluation of myocardial anisotropy and fiber tracking at 3 T: effect of the numbers of diffusion-sensitizing gradient directions. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
355	Murine Es-derived cardiomyocytes form grafts and improve cardiac function in the infarcted myocardium. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
356	Aortic pulse wave velocity in obesity as assessed by magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
357	Delay enhancement cardiac MR imaging for assesment of myocardial involvement in patients with systemic lupus erythematosus and clinical suspect of myocarditis. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
358	Correlation of pericardial and mediastinal fat with coronary artery disease, metabolic syndrome, and cardiac risk factors. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
359	Dual-source CT angiography of the thoracic aorta using prospective cardiac gating and a low kilovoltage technique. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
360	The relationship of left ventricular function to infarct surface area and volume. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
361	Myocardial scar in diabetics and non-diabetics with ischemic heart disease as assessed by magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
362	Prognostic significance of magnetic resonance imaging parameters in patients with idiopathic dilated cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
363	Contrast-enhanced cine cardiac MR detects impairment of coronary microvascular perfusion in patients after acute myocardial infarct. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
364	Phenotyping of tako tsubo cardiomyopathy – structural comparison to acute myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
365	Early prediction of infarct size by quantitative myocardial blush grade in patients with acute non-st-elevation and ST-elevation myocardial infarction treated with primary angioplasty and stent placement. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
366	Late enhancement in 39 cardiac transplant patients: prevalence, pattern, and extent. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
367	Prognostic value of cardiovascular magnetic resonance in patients with strong suspicion for myocarditis. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
368	Does the presence of Q waves on ECG indicate myocardial scar on cardiac MRI?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
369	Utility of cardiac MRI in detecting diastolic dysfunction: comparison with Doppler echocardiography and tissue Doppler imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
370	Characterization of tissue heterogeneity by contrast-enhanced cardiovascular magnetic resonance imaging is a powerful predictor of ventricular tachyarrhythmias on ambulatory holter ECG in hypertrophic cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
371	CMR tagging for measurement of the long axis function and deformation rate of the systemic right ventricular free wall. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
372	Three-dimensional measurement of LV and RV dimensions using prospective self-gating for simultaneous compensation of cardiac and respiratory motion. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
373	Prevalence and potential mechanisms leading to persistent elevation of high sensitive troponin T in patients 6 month after acute myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
374	Gadolinium enhanced magnetic resonance mean voxel signal intensity within the left ventricular myocardium changes prior to ejection fraction drop after receipt of cardiotoxic chemotherapy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
375	Incremental value of cardiac magnetic resonance in the characterization of unselected patients referred to exclude arrhythmogenic right ventricular cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
376	Cardiac T2* magnetic resonance for prediction of cardiac complications in thalassemia major. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	11
377	Investigation of T2-weighted and delayed enhancement magnetic resonance imaging in reperfused acute myocardial infarction in a porcine model. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
378	In/opposed phase imaging effectively differentiates fat from enhanced myocardium in patients with myocardial late gadolinium enhancement. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
379	Non-invasive monitoring allograft rejection by simultaneous cellular and functional cardiac MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
380	Rapid analysis of right ventricular volumes and systolic function using Cardiovascular Magnetic Resonance Imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
381	Myocardium at risk and myocardial salvage after acute infarction in humans; quantification by magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1

#	ARTICLE	IF	CITATIONS
382	Right ventricular assessment with cardiac magnetic resonance: usefulness in routine clinical practice compared to echocardiography. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
383	Single dose gadobenate dimeglumine for imaging chronic of myocardial infarction in comparison to double dose gadopentetate dimeglumine. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
384	Three dimensional Phase Sensitive Inversion Recovery (PSIR) turbo FLASH for evaluation of left ventricular myocardial lesions in infiltrative and non-ischemic cardiac diseases. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
385	Novel technique of strain assessment utilizing feature tracking in nontagged SSFP images: validation with tagged strain analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
386	Endocardial to epicardial perfusion ratios at rest and stress determined by perfusion-CMR. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
387	Normal values for wall thickening by magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	2
388	Impact of myocardial iron loading on right ventricular function. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
389	Left atrial fat with cardiac MR. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
390	Assessment of myocardial perfusion reserve with blood oxygen level-dependent cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
391	Clinical implication of three-dimensional heart models for planning of surgical procedure in complex congenital heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
392	The incidence of microvascular obstruction with acute myocardial infarction and the relationship between the occurrence of microvascular obstruction and infarct size, angiographic findings and clinical background: gadolinium-contrasted MRI study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
393	Cardiac magnetic resonance of targeted annexin-iron oxide labeling detects cardiac cell death in vivo after doxorubicin and myocardial infarction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
394	On the sensitivity of steady-state free precession myocardial blood-oxygen-level-dependent MRI at 1.5 T: theory and experiment. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
395	Evaluation of complex congenital heart disease and associated complications in newborns, infants and small children using multi-detector CT. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
396	Early infarct size prediction with two-dimensional speckle tracking echocardiography compared with late gadolinium enhanced CMR. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
397	Correlation between T2-weighted CMR and Sestamibi-SPECT in acute myocardial infarction and acute coronary occlusion. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
398	Infarct size by cardiovascular magnetic resonance with delay enhancement as prognostic factor in the coronary artery disease: preliminary study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
399	Anatomical and functional imaging of congenital heart disease with phase contrast VIPR. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1

#	ARTICLE	IF	CITATIONS
400	A new algorithm for aortic compliance evaluation in normals. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
401	T1 nulling and contrast conditions with a 0.15 mmol/kg dosage of MultiHance as compared to the standard 0.2 mmol/kg gadolinium dosage in patients with myocardial infarcts. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
402	Multi-contrast delayed enhancement imaging (MCDE): accuracy and reproducibility compared to conventional SSFP and delayed hyperenhancement imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
403	Is hemorrhage in acute reperfused myocardial infarction a new marker for the severity of tissue injury?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
404	Delayed hyper-enhancement cardiac magnetic resonance imaging is more accurate than other noninvasive parameters in diagnosis of patients with endomyocardial biopsy positive cardiac amyloidosis. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
405	Aortopulmonary collaterals in single ventricle patients. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
406	Registration and segmentation of cine and late enhancement cardiac magnetic resonance images. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
407	Computational simulations from cardiac magnetic resonance imaging reveal altered hemodynamics in coarctation patients previously treated by patch aortoplasty. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
408	Value of late gadolinium enhancement by magnetic resonance in patients with cardiac sarcoidosis: characteristic findings and clinical utility. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
409	4D flow evaluation of abnormal flow patterns with bicuspid aortic valve. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	3
410	Cine DENSE MRI for circumferential and radial dyssynchrony in patients referred for cardiac resynchronization therapy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
411	Effective saturation pulse for the whole heart at 3 T. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
412	Additional value of first pass magnetic resonance myocardial perfusion imaging to computed tomography coronary angiography for detection of significant coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
413	Contribution of the base of the heart to MR measures of left ventricular mass, volumes and scar in patients with myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
414	Evaluation of 3-dimensional left ventricular velocities with cardiac MR imaging using navigator gated high temporal resolution tissue phase mapping. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
415	Association between wall metrics and identification of lipid-rich necrotic core in the early-stage atherosclerosis using magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
416	Myocardial hypoperfusion due to hypoplastic coronary arteries: a cause for false-positive results during adenosine stress Cardiac Magnetic Resonance Imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
417	Comparison of myocardial infarct size measurements between noncontact mapping and cardiac contrast enhanced MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
418	High-temporal resolution (≤ 6 ms) Cine Steady-State Free Precession (SSFP) imaging for assessing LV diastolic function. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
419	Mt Everest trek causes impaired cardiac high energy phosphate metabolism and diastolic impairment. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
420	Evaluation of myocardial function after primary percutaneous intervention by cardiac MRI: 5 years follow up. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
421	In vivo comparison of DENSE and CSPAMM for cardiac motion analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
422	Subendocardial reversible perfusion defects on adenosine stress MRI in ER patients with chest pain: relationship to cardiovascular risk factors. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
423	Three-dimensional changes in left atrial volumes and ejection fraction during dobutamine stress Cardiovascular Magnetic Resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
424	Cardiovascular MRI derived mitral valve geometry predicts the surgical treatment of mitral regurgitation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
425	Characterization of acute myocardial infarction by magnetic resonance imaging: correlation with enzymatic and angiographic findings. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
426	Is there an innate sex-based difference in the manner in which the left ventricle responds to the pressure overload of aortic stenosis?. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
427	Stress cardiac magnetic resonance imaging in an outpatient setting. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
428	Relationship between cardiac allograft vasculopathy and left ventricular diastolic dysfunction assessed by cardiac magnetic resonance imaging in heart transplant recipients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
429	Comparison of coronary endothelial function and brachial flow mediated vasodilatation using cardiac magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
430	Evaluation of contrast wash-in and peak enhancement in adenosine first pass perfusion in patients post bypass surgery. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
431	Intra-observer and interobserver variability of biventricular function, volumes and mass in patients with congenital heart disease measured by CMR imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
432	Moderate to severe renal impairment cannot be reliably detected from medical history alone: Implications for the use of Gadolinium-based contrast agents. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
433	Exploring the promise land of 7 T for CMR with T-PAT accelerated imaging techniques – first results for real time cardiac function and tagging in volunteers. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
434	In vivo human coronary magnetic resonance angiography at 7 Tesla. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	4
435	Adenosine magnetic resonance imaging versus dobutamine stress echocardiography in patients with low probability for coronary artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
436	Abstract withdrawn by author. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
437	Prevalence and imaging features of nephrogenic systemic fibrosis at two large medical centers. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
438	Successful integration of MRI derived scar distribution during VT ablation procedures. Initial experience in 12 patients. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
439	Marfan's cardiomyopathy is associated with aortic annular and root dilatation in the absence of significant valvular regurgitation. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
440	Viability imaging of stem cell using a MRI reporter gene and MEMRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
441	Circumferential and radial myocardial strain in cardiomyopathy patients with and without left bundle branch block. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
442	Sub-clinical systolic dysfunction with persistent myocardial edema and inflammation in elite high-endurance athletes with common colds: a cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	4
443	Method for separate analysis of inflow vs. outflow regions of the right ventricle in Ebstein's anomaly. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
444	Comprehensive evaluation of diastolic function with MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
445	Non-contrast fresh-blood MRA for assessment of abdominal endovascular stent grafts. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
446	Does 3D volumetric carotid plaque imaging by cardiovascular MRI solve the mystery of the 'percent stenosis paradox'?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
447	Complications of aortic coarctation repair assessed using cardiac magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
448	Qualitative and quantitative comparison of TGRAPPA and TSENSE real-time cine techniques during deep breathing. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
449	Rapid assessment of myocardial scar and viability in ischemic heart disease: a cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
450	Fast free-breathing planning in cardiac MR imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
451	Sensitivity of resting magnetic resonance first-pass myocardial perfusion imaging for the detection of acute and chronic myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
452	Reperfusion hemorrhage following PCI â€“ quantification with T2* imaging and impact on area at risk assessment. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
453	Off-resonant pulmonary vein imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
454	Does a selective non-peptide angiotensin II type 2 receptor agonist reduce post-infarction left ventricular remodeling?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
455	MR imaging of human atherosclerosis using immunomicelles molecularly targeted to macrophages. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	3
456	T2-weighted MRI pulse sequences for imaging post-infarct edema in mice: comparison of spin echo and T2 preparation approaches. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
457	Comprehensive assessment of of thoracic stent grafts after emergency implantation in multi trauma patients. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
458	Comprehensive assessment of myocardial strain in post-infarct mice using 3D Cine DENSE. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
459	Diagnostic quality of steady state free precession imaging of cardiac valve morphology in pediatric/congenital heart disease. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
460	Imaging of aortic coarctation using Gd-DTPA and Gadofosveset: a comparative study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
461	Fast and robust visual inspection of the coronary arteries based on live path tracking. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
462	MRI signs of carotid plaque inflammation in patients with unstable angina: a possible sign of widespread plaque activity. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
463	Reproducibility of myocardial salvage in acute myocardial infarction by the use of Contrast-Enhanced Magnetic Resonance Imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
464	Cartesian acquisition with PR-like sampling: applications to 3D contrast-enhanced MRA. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
465	Etiology of diminished left ventricular function in patients with Tetralogy of Fallot by cardiac magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
466	Ability of visual assessment of left ventricular dyssynchrony by cine-MRI to identify potential responders to cardiac resynchronization therapy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
467	MRI evaluation of right and left ventricular remodeling and surrogate markers of PH following acute pulmonary embolism. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
468	Improved image reconstruction incorporating non-rigid motion correction for cardiac MRI using BLADE acquisition. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	4
469	Myocardial fibrosis is a prevalent finding in elite high-endurance athletes. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
470	Spatiotemporal relationship between ventricular expansion and flow propagation during early filling. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
471	Patient-specific coronary artery supply territory AHA diagrams. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
472	Cardiovascular magnetic resonance assessment of abdominal adiposity predicts early sub-clinical atherosclerosis in young adults: importance of relative adiposity. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
473	Automatic delineation of myocardial contours in late-enhancement long-axis cardiac MR images. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
474	Whole-body magnetic resonance angiography for the assessment of extent and severity of extra-cardiac atherosclerosis in patients with newly diagnosed coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
475	Quantification of myocardial fibrosis by delayed-enhanced MRI in patients with severe aortic valve disease: correlation with quantified histopathology. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
476	Rapid MR assessment of left ventricular systolic function early after acute myocardial infarction using single breath-hold cine imaging with temporal parallel acquisition technique (TPAT) and 4D guide-point modeling. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
477	Comparison of two novel methods of measuring the blood velocity in the deep veins of the lower leg using phase contrast MR imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
478	Enlarged right ventricular size at 11 years follow-up after closure of secundum type atrial septal defect in children. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
479	Cardio-metabolic profile is a determinant of carotid artery disease quantified by Magnetic Resonance Imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
480	3T contrast-enhanced whole heart coronary MRA using 32-channel cardiac coils for the detection of coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	5
481	Intraindividual evaluation of left ventricular function with 64-slice computed tomography, biplane cineventriculography, and two- and three-dimensional transthoracic echocardiography: comparison with magnetic resonance imaging as the gold standard. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
482	Late enhancement findings in a prospective study concerning late functional outcomes following a Ross Procedure. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
483	Comparison of MRI-derived pulmonary edema measures with LVEDP and serum BNP. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
484	The effects of continued obesity on the cardiovascular system. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
485	Effect of age on stress induced changes in aortic distensibility. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
486	CMR T2* technique for segmental and global quantification of myocardial iron: multi-centre transfereability and healthcare impact evalaution. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
487	Multi-stage diastolic function classification algorithm by cardiac MRI demonstrates the relationship between severity of diastolic dysfunction and acute infarct size. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
488	Complementary prognostic values of stress myocardial perfusion and late gadolinium enhancement imaging by cardiac magnetic resonance in patients with suspected myocardial ischemia. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
489	Fully automatic segmentation of short and long axis cine cardiac MR. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1

#	ARTICLE	IF	CITATIONS
490	Comparison of Gadopentetate dimeglumine and Gadobenate dimeglumine in depiction of non-ischemic fibrosis in hypertrophic cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
491	Contrast enhanced delayed myocardial enhancement in patients with end stage liver cirrhosis â€“ further evidence for cirrhotic cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
492	Cardiovascular magnetic resonance imaging as a gold standard for diagnosis of true aborted myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
493	CMR evaluation in patients with high grade ventricular arrhythmias. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
494	Comparison of left ventricle ejection fraction by echocardiography and cardiac magnetic resonance imaging in day to day clinical practice. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
495	Initial validation of a multi-station non-contrast dark blood approach for the diagnosis of peripheral arterial disease. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
496	Partial anomalous pulmonary venous connection: how many vs. how much. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
497	Rapid automated quantification of left ventricular ejection fraction with LV-METRIC â€“ a novel segmentation algorithm. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
498	Left ventricular non-compaction cardiomyopathy in adults â€“ characterisation by cardiac magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
499	Cardiovascular magnetic resonance imaging for the assessment of cardiac inflammation and injury following prolonged exercise. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
500	Use of a dark blood sequence to localize the esophagus prior to RF ablation and to assess left atrial edema post ablation. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
501	Characterisation of the long-term effects of anthracycline-associated myocardial toxicity using cardiac MRI; a pilot study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
502	Detection of coronary artery disease at 3 Tesla using a visual interpretation algorithm combining perfusion and delayed enhancement imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
503	Shared velocity encoding (SVE): a new method for real-time velocity measurement with high temporal resolution. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
504	Differences in MR perfusion of malignant and benign cardiac tumors. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
505	Co-registration of CTA coronary artery/vein maps and MR myocardial viability/scar maps for optimized revascularization or resynchronization therapy planning. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
506	Integrated analysis of diastolic, systolic and pulmonary vascular function using MRI guided catheterization. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
507	The use of volumetric analysis to improve cardiac magnetic resonance evaluation of left ventricular size and function. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
508	Abnormal myocardial perfusion in hypertrophic cardiomyopathy: preliminary findings of a cardiovascular MRI study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
509	Evolution of left ventricular strain after a first time myocardial infarction. A study using velocity encoded magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
510	A case of cardiac langerhans histiocytosis. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
511	Baseline correction of phase-contrast images in congenital Cardiac Magnetic Resonance Imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
512	Late gadolinium enhancement and T2 MR imaging features of cardiac sarcoidosis involving the left and right ventricle. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
513	Can we measure iron overload in the heart using in vivo MRI T2*?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
514	Potential of multidetector computed tomography and magnetic resonance imaging in quantifying left ventricular function, perfusion and viability of chronic microinfarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
515	MRI adenosine fist-pass perfusion analysis using a SSFP sequence “ are there gender differences?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
516	Papillary muscle involvement in acute and chronic myocardial infarction: an MRI study using multi-contrast delayed enhancement pulse sequence. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
517	Accuracy of single breath-hold cine MRI analyzed by guide-point modeling for the assessment of Left Ventricular Function. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
518	Accuracy of gadolinium-enhanced cardiovascular magnetic resonance in the diagnosis of cardiac sarcoidosis. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
519	Pulmonary hypertension: role of septomarginal trabeculation and moderator band complex assessed by cardiac magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	2
520	Molecular imaging of atherosclerotic plaque targeted to oxidized LDL receptor LOX-1 using magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
521	Mouse cardiac MRI on a 3 T clinical system using a low cost setup. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
522	Assessment of change in aortic distensibility in patients with left ventricular hypertrophy (LVH), before and after therapy, using Cardiac Magnetic Resonance (CMR) imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
523	Calibration of myocardial iron concentration against T2-star Cardiovascular Magnetic Resonance. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	7
525	Diagnostic accuracy of high-temporal resolution whole heart coronary magnetic resonance angiography at 3.0 Tesla. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
526	A prospective audit of paediatric cardiac MRI under general anaesthesia; practise and problems. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	4

#	ARTICLE	IF	CITATIONS
527	3 T cardiac magnetic resonance performs well as the primary scanner in a clinical setting: our initial experience at a tertiary care center. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
528	Is routine cardiac MRI justifiable in patients with non-ischemic cardiomyopathy?. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
529	Time-resolved MRA using sliding window reconstruction for evaluation of renal arterial anatomy and perfusion. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
530	Does moving away from the center frequency resonance benefit or hurt the valvular structure evaluation? A study of on and off peak resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
531	The role of cardiac magnetic resonance imaging in the assessment of systemic lupus erythematosus (SLE). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
532	Phase-sensitive black-blood coronary vessel wall imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
533	Dual PARACEST and ¹⁹ F MR molecular imaging of fibrin clots with targeted perfluorocarbon nanoparticles. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
534	Myocardial fat quantification using navigator ¹ H MRS combined with MRI: myocardial fat fraction is inversely correlated with indexed left ventricular mass in healthy subjects. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
535	Comparison of a rapid visual algorithm for quantification of infarct size with direct planimetry of infarct size by delayed enhancement-CMR. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
536	TIMI perfusion grade compared to TIMI flow in prediction of infarct size and microvascular obstruction measured by contrast-enhanced MRI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
537	The use of multiparametric CMR to predict impaired exercise capacity in hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
538	Correlation between velocity encoded cine magnetic resonance imaging and Doppler echocardiography for the evaluation of diastolic dysfunction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
539	Randomized comparison of observation unit plus stress cardiac MRI and hospital admission. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
540	4D flow for accurate assessment of differential pulmonary arterial flow in patients with tetralogy of Fallot. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
541	Hypertrophic cardiomyopathy patients have a steep left ventricle to aortic root angle compared to normal as demonstrated on 3-D Tomographic Imaging: a case-control study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
542	Regional right ventricular wall motion in tetralogy of fallot: a three dimensional analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	1
543	Characterization of myocardial remodeling with diffusion tensor magnetic resonance imaging in chronic porcine model using the toroid-based representation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0
544	Visualizing regional myocardial oxygenation changes with statistically optimal colormaps. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, .	1.6	0

#	ARTICLE	IF	CITATIONS
545	Dependence of arterial input function on position in the left ventricle and time in the cardiac cycle. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
546	Relationship of ostial pulmonary vein scar with reduction in pulmonary vein size after atrial fibrillation ablation. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
547	Fatty liver in uncomplicated type 2 DM is associated with impaired myocardial HEP metabolism, modulated by myocardial glucose uptake. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
548	Quantitative assessment of intramyocardial function using Cine DENSE MRI: a validation study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, P177.	1.6	0
549	Incongruity of LVH regression with persistent inopportune diastolic dysfunction; results following AVR for severe aortic stenosis. Sponsored by the American Heart Association. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
550	Pulse Sequences for Diffusion-weighted MRI. , 2009, , 11-35.		13
551	Parallel Imaging Artifacts in Body Magnetic Resonance Imaging. Canadian Association of Radiologists Journal, 2009, 60, 91-98.	1.1	20
552	Initiation of statin therapy halts progression of atherosclerotic plaque burden in peripheral arterial disease. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
553	Effect of flow angle and flow profile on phase contrast flow measurements: overestimation at extreme angles and skewed profiles. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
554	Right ventricular dysfunction and injury following marathon running: correlating biomarkers with cardiac MRI. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
555	Controlling ventricular preload using an MRI-compatible lower body negative pressure chamber: measuring changes in volumes, mechanical and hemodynamic function. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
556	Magnetic resonance imaging for identification of myocardial injury during ablation for atrial fibrillation: first experiences with the Miyabi MRI system. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	1
557	Comparison of visual scoring and planimetry methods for estimation of global infarct size on delayed contrast enhanced MRI and confrontation with biochemical markers of infarction. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
558	Steep left ventricle to aortic root angle is independently associated with dynamic left ventricular outflow tract gradient in hypertrophic cardiomyopathy: a novel association using 3-dimensional multi-modality imaging. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
559	Is short-axis imaging of the LV obligatorily the most accurate method for non-invasive quantitation of the mass of the heart?. Journal of Cardiovascular Magnetic Resonance, 2009, 11, .	1.6	0
560	New Methods in Diffusion-Weighted and Diffusion Tensor Imaging. Magnetic Resonance Imaging Clinics of North America, 2009, 17, 175-204.	0.6	56
561	Advances in Magnetic Resonance Neuroimaging. Neurologic Clinics, 2009, 27, 1-19.	0.8	33
562	MRI image enhancement by PROPELLER data fusion. International Journal of Advanced Media and Communication, 2009, 3, 25.	0.2	2

#	ARTICLE	IF	CITATIONS
563	T1-Weighted Brain Imaging With a 32-Channel Coil at 3T Using TurboFLASH BLADE Compared With Standard Cartesian k-Space Sampling. <i>Investigative Radiology</i> , 2009, 44, 177-183.	3.5	15
564	Diffusion Weighted Imaging. <i>Investigative Radiology</i> , 2009, 44, 656-661.	3.5	28
565	Multishot Targeted PROPELLER Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2009, 44, 454-462.	3.5	10
566	Correcting magnetic resonance k-space data for in-plane motion using an optical position tracking system. <i>Medical Physics</i> , 2009, 36, 5580-5585.	1.6	9
567	Diffusion-Weighted Imaging in Patients With Acute Brain Ischemia at 3 T. <i>Investigative Radiology</i> , 2009, 44, 351-359.	3.5	30
568	Improved Detection of Hepatic Metastases From Pancreatic Cancer Using Periodically Rotated Overlapping Parallel Lines With Enhanced Reconstruction (PROPELLER) Technique After SPIO Administration. <i>Investigative Radiology</i> , 2010, 45, 158-164.	3.5	11
569	Diagnostic Neuroimaging by Magnetic Resonance Imaging: Update. <i>Neurologia Medico-Chirurgica</i> , 2010, 50, 833-838.	1.0	4
570	Altered carotid plaque signal among different repetition times on T1-weighted magnetic resonance plaque imaging with self-navigated radial-scan technique. <i>Neuroradiology</i> , 2010, 52, 285-290.	1.1	25
571	Imaging chronic renal disease and renal transplant in children. <i>Pediatric Radiology</i> , 2010, 40, 963-974.	1.1	5
572	Multiple Overlapping k-Space Junctions for Investigating Translating Objects (MOJITO). <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 339-349.	5.4	10
573	Effects of motion and b ₀ -matrix correction for high resolution DTI with short-axis PROPELLER-EPI. <i>NMR in Biomedicine</i> , 2010, 23, 794-802.	1.6	18
574	PROPELLER for motion-robust imaging of <i>in vivo</i> mouse abdomen at 9.4 T. <i>NMR in Biomedicine</i> , 2010, 23, 1077-1086.	1.6	5
575	Quantitative multiparametric PROPELLER MRI of diethylnitrosamine-induced hepatocarcinogenesis in wister rat model. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 1242-1251.	1.9	6
576	Iterative image reconstruction for PROPELLER-MRI using the nonuniform fast fourier transform. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 211-217.	1.9	6
577	MRI of the neck at 3 Tesla using the periodically rotated overlapping parallel lines with enhanced reconstruction (PROPELLER) (BLADE) sequence compared with T2-weighted fast spin-echo sequence. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 1061-1067.	1.9	31
578	Compensation of breathing motion artifacts for MRI with continuously moving table. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 701-712.	1.9	10
579	PROMO: Real-time prospective motion correction in MRI using image-based tracking. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 91-105.	1.9	316
580	Navigator accuracy requirements for prospective motion correction. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 162-170.	1.9	44

#	ARTICLE	IF	CITATIONS
581	Motion correction using an enhanced floating navigator and GRAPPA operations. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 339-348.	1.9	23
582	Contrast-enhanced, three-dimensional, whole-brain, black-blood imaging: Application to small brain metastases. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 553-561.	1.9	51
583	Data convolution and combination operation (COCO) for motion ghost artifacts reduction. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 157-166.	1.9	7
584	Multishot PROPELLER for high-field preclinical MRI. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 47-53.	1.9	11
585	Reduction of fast spin echo cusp artifact using a slice-tilting gradient. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 220-228.	1.9	8
586	Prospective motion correction for single-voxel ^1H MR spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 672-679.	1.9	43
587	GRAPPA operator for wider radial bands (GROWL) with optimally regularized self-calibration. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 757-766.	1.9	15
588	Free-breathing myocardial perfusion MRI using SWHYPH and motion correction. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1148-1154.	1.9	13
589	Robust EPI Nyquist ghost elimination via spatial and temporal encoding. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1781-1791.	1.9	34
590	Self-gated Fourier velocity encoding. <i>Magnetic Resonance Imaging</i> , 2010, 28, 95-102.	1.0	7
592	BLADE in Sagittal T2-Weighted MR Imaging of the Cervical Spine. <i>American Journal of Neuroradiology</i> , 2010, 31, 674-681.	1.2	37
593	Cross-sampled GRAPPA for parallel MRI. , 2010, 2010, 3325-8.		0
594	Is there a role for BLADE acquisition in T2-weighted breast MRI?. <i>Acta Radiologica</i> , 2010, 51, 1078-1085.	0.5	4
595	MRI artifacts and correction strategies. <i>Imaging in Medicine</i> , 2010, 2, 445-457.	0.0	69
596	Self-encoded Marker for Optical Prospective Head Motion Correction in MRI. <i>Lecture Notes in Computer Science</i> , 2010, 13, 259-266.	1.0	14
597	T2-weighted MRI of the Upper Abdomen:. <i>Academic Radiology</i> , 2010, 17, 368-374.	1.3	42
598	Rapid 3D radial multi-echo functional magnetic resonance imaging. <i>NeuroImage</i> , 2010, 52, 1428-1443.	2.1	23
599	Prospective motion correction of high-resolution magnetic resonance imaging data in children. <i>NeuroImage</i> , 2010, 53, 139-145.	2.1	114

#	ARTICLE	IF	CITATIONS
600	Role of magnetic resonance diffusion-weighted imaging in evaluating response after chemoembolization of hepatocellular carcinoma. <i>European Journal of Radiology</i> , 2010, 75, e9-e14.	1.2	70
601	RT-ROG: parallelized self-calibrating GROG for real-time MRI. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 306-312.	1.9	8
602	State-of-the-Art in Pediatric Body and Musculoskeletal Magnetic Resonance Imaging. <i>Seminars in Ultrasound, CT and MRI</i> , 2010, 31, 86-99.	0.7	12
603	On the Significance of Motion Degradation in High-resolution 3D MRI of Trabecular Bone. <i>Academic Radiology</i> , 2011, 18, 1205-1216.	1.3	5
604	Breath-hold T2-weighted MRI of the liver at 3T using the BLADE technique: impact upon image quality and lesion detection. <i>Clinical Radiology</i> , 2011, 66, 426-433.	0.5	37
605	Image quality of T2w-TSE of the abdomen and pelvis with Cartesian or BLADE-type k-space sampling: A retrospective interindividual comparison study. <i>European Journal of Radiology</i> , 2011, 79, 177-182.	1.2	13
606	BLADE acquisition method improves T2-weighted MR images of the female pelvis compared with a standard fast spin-echo sequence. <i>European Journal of Radiology</i> , 2011, 80, 796-801.	1.2	23
607	Beat-to-beat respiratory motion correction with near 100% efficiency: a quantitative assessment using high-resolution coronary artery imaging. <i>Magnetic Resonance Imaging</i> , 2011, 29, 568-578.	1.0	26
608	Derivative encoding for parallel magnetic resonance imaging. <i>Medical Physics</i> , 2011, 38, 5582-5589.	1.6	1
609	Rice Pads Reduce Geometric Distortion of Echo-planar Diffusion-weighted Images of the Cervical Spinal Cord. <i>Magnetic Resonance in Medical Sciences</i> , 2011, 10, 65-69.	1.1	7
612	Self-encoded marker for optical prospective head motion correction in MRI. <i>Medical Image Analysis</i> , 2011, 15, 708-719.	7.0	50
613	Fast MR Image Reconstruction for Partially Parallel Imaging With Arbitrary k-Space Trajectories. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 575-585.	5.4	35
614	Rigid Body Motion Compensation for Spiral Projection Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 655-665.	5.4	13
615	Diffusion weighted inner volume imaging of lumbar disks based on turbo-STEAM acquisition. <i>Zeitschrift Fur Medizinische Physik</i> , 2011, 21, 216-227.	0.6	9
616	Decreased CSF-flow artefacts in T2 imaging of the cervical spine with periodically rotated overlapping parallel lines with enhanced reconstruction (PROPELLER/BLADE). <i>Neuroradiology</i> , 2011, 53, 13-18.	1.1	14
617	Optimized T1- and T2-weighted volumetric brain imaging as a diagnostic tool in very preterm neonates. <i>Pediatric Radiology</i> , 2011, 41, 702-710.	1.1	11
618	Aliasing artifacts with the BLADE technique: Causes and effective suppression. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 432-440.	1.9	7
619	Prospective motion correction for magnetic resonance spectroscopy using single camera retrograde reflector optical tracking. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 498-504.	1.9	49

#	ARTICLE	IF	CITATIONS
620	Diffusion-weighted magnetic resonance imaging in the detection of testicular torsion: Feasibility study. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 1137-1142.	1.9	50
621	Reduction of artifacts in T_2 -weighted PROPELLER in high-field preclinical imaging. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 538-543.	1.9	15
622	A parallel imaging technique using mutual calibration for split-blade diffusion-weighted PROPELLER. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 638-644.	1.9	14
623	Intrinsic detection of motion in segmented sequences. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1084-1089.	1.9	6
624	Regularized iterative reconstruction for undersampled BLADE and its applications in three-point Dixon water-fat separation. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1314-1325.	1.9	12
625	Combined prospective and retrospective motion correction to relax navigator requirements. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1724-1732.	1.9	27
626	3D GRASE PROPELLER: Improved image acquisition technique for arterial spin labeling perfusion imaging. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 168-173.	1.9	26
627	Echo-planar imaging with prospective slice-by-slice motion correction using active markers. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 73-81.	1.9	39
628	Real-time optical motion correction for diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 366-378.	1.9	99
629	Head motion detection using FID navigators. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 135-143.	1.9	58
630	Quantitative T_2^* -mapping based on multi-slice multiple gradient echo flash imaging: Retrospective correction for subject motion effects. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 989-997.	1.9	27
631	Spatially 2D-selective RF excitations using the PROPELLER trajectory: Basic principles and application to MR spectroscopy of irregularly shaped single voxel. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 1218-1225.	1.9	5
632	Iterative motion compensated reconstruction for parallel imaging using an orbital navigator. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 1339-1345.	1.9	6
633	Compressed-sensing motion compensation (CosMo): A joint prospective-retrospective respiratory navigator for coronary MRI. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 1674-1681.	1.9	22
634	X-PROP: A fast and robust diffusion-weighted propeller technique. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 341-347.	1.9	32
635	Motion-robust MRI through real-time motion tracking and retrospective super-resolution volume reconstruction. , 2011, 2011, 5722-5.		13
636	Magnetic Resonance-Guided Interventions of Large and Small Joints. <i>Topics in Magnetic Resonance Imaging</i> , 2011, 22, 153-169.	0.7	0
637	PROPELLER Technique to Improve Image Quality of MRI of the Shoulder. <i>American Journal of Roentgenology</i> , 2011, 197, W1093-W1100.	1.0	46

#	ARTICLE	IF	CITATIONS
638	3D Fluid-Attenuated Inversion Recovery Imaging: Reduced CSF Artifacts and Enhanced Sensitivity and Specificity for Subarachnoid Hemorrhage. American Journal of Neuroradiology, 2011, 32, 2054-2060.	1.2	46
639	A Comparison of Imaging Techniques to Monitor Tumor Growth and Cancer Progression in Living Animals. International Journal of Molecular Imaging, 2011, 2011, 1-12.	1.3	47
640	Normal variation of diffusion tensor parameters of the spinal cord in healthy subjects at 3.0-Tesla. Journal of Craniovertebral Junction and Spine, 2011, 2, 77.	0.4	8
641	Comparison of Sagittal T2-Weighted BLADE and Fast Spin-Echo MRI of the Female Pelvis for Motion Artifact and Lesion Detection. American Journal of Roentgenology, 2011, 197, W307-W313.	1.0	50
642	Retrospective registration-based MRI motion correction with interleaved radial trajectories. , 2011, , .		0
643	Comparison of Brain MR Images at 1.5T Using BLADE and Rectilinear Techniques for Patients Who Move during Data Acquisition. American Journal of Neuroradiology, 2012, 33, 77-82.	1.2	31
645	Assessment of Kidney Volumes From MRI: Acquisition and Segmentation Techniques. American Journal of Roentgenology, 2012, 199, 1060-1069.	1.0	47
646	A Historical Overview of Magnetic Resonance Imaging, Focusing on Technological Innovations. Investigative Radiology, 2012, 47, 725-741.	3.5	59
647	Optimization of PROPELLER reconstruction for free-breathing T1-weighted cardiac imaging. Medical Physics, 2012, 39, 4896-4902.	1.6	9
649	Super-resolution in magnetic resonance imaging: A review. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2012, 40A, 306-325.	0.2	182
650	Diffusion weighted vertical gradient and spin echo. Magnetic Resonance in Medicine, 2012, 68, 1755-1763.	1.9	1
651	Self-gated PROPELLER-encoded cine cardiac imaging. International Journal of Cardiovascular Imaging, 2012, 28, 1477-1485.	0.7	8
652	Nonintrusive 3D reconstruction of human bone models to simulate their bio-mechanical response. 3D Research, 2012, 3, 1.	1.8	5
653	Ultrahigh-Field MRI in Human Ischemic Stroke – a 7 Tesla Study. PLoS ONE, 2012, 7, e37631.	1.1	48
654	3D-imaging of the knee with an optimized 3D-FSE-sequence and a 15-channel knee-coil. European Journal of Radiology, 2012, 81, 3441-3449.	1.2	31
655	Prospective and retrospective motion correction in diffusion magnetic resonance imaging of the human brain. NeuroImage, 2012, 59, 389-398.	2.1	61
656	Diffusion MRI at 25: Exploring brain tissue structure and function. NeuroImage, 2012, 61, 324-341.	2.1	405
657	Elimination of motion and pulsation artifacts using BLADE sequences in knee MR imaging. Magnetic Resonance Imaging, 2012, 30, 1099-1110.	1.0	21

#	ARTICLE	IF	CITATIONS
658	Image-Based Monitoring of Magnetic Resonance-Guided Thermoablative Therapies for Liver Tumors. CardioVascular and Interventional Radiology, 2012, 35, 1281-1294.	0.9	26
659	Quantitative assessment of changes in carotid plaques during cilostazol administration using three-dimensional ultrasonography and non-gated magnetic resonance plaque imaging. Neuroradiology, 2012, 54, 939-945.	1.1	18
660	Contrasts, Mechanisms and Sequences. Medical Radiology, 2012, , 81-125.	0.0	0
661	Should less motion sensitive T2-weighted BLADE TSE replace Cartesian TSE for female pelvic MRI?. Insights Into Imaging, 2012, 3, 611-618.	1.6	16
662	Measurement and Correction of Microscopic Head Motion during Magnetic Resonance Imaging of the Brain. PLoS ONE, 2012, 7, e48088.	1.1	177
663	Modern Trends in Imaging VII: Magnetic Resonance Microscopy. Analytical Cellular Pathology, 2012, 35, 205-227.	0.7	5
664	Motion Compensation Strategies in Magnetic Resonance Imaging. Critical Reviews in Biomedical Engineering, 2012, 40, 99-119.	0.5	49
665	3D imaging using magnetic resonance tomosynthesis (MRT) technique. Medical Physics, 2012, 39, 4733-4741.	1.6	1
666	DCEâ€MRI of the human kidney using BLADE: A feasibility study in healthy volunteers. Journal of Magnetic Resonance Imaging, 2012, 35, 868-874.	1.9	18
667	Parallel MR imaging. Journal of Magnetic Resonance Imaging, 2012, 36, 55-72.	1.9	402
668	Discrimination of axillary metastatic from nonmetastatic lymph nodes with PROPELLER diffusionâ€weighted MR imaging in a metastatic breast cancer model and its correlation with cellularity. Journal of Magnetic Resonance Imaging, 2012, 36, 624-631.	1.9	23
669	Rapid PROPELLERâ€MRI: A combination of iterative reconstruction and underâ€sampling. Journal of Magnetic Resonance Imaging, 2012, 36, 1241-1247.	1.9	6
670	Efficient sample density estimation by combining gridding and an optimized kernel. Magnetic Resonance in Medicine, 2012, 67, 701-710.	1.9	76
671	Improving GRAPPA using crossâ€sampled autocalibration data. Magnetic Resonance in Medicine, 2012, 67, 1042-1053.	1.9	20
672	High temporal resolution retrospective motion correction with radial parallel imaging. Magnetic Resonance in Medicine, 2012, 67, 1097-1105.	1.9	8
673	Hybrid prospective and retrospective head motion correction to mitigate crossâ€calibration errors. Magnetic Resonance in Medicine, 2012, 67, 1237-1251.	1.9	63
674	Functional magnetic resonance imaging using PROPELLERâ€EPI. Magnetic Resonance in Medicine, 2012, 68, 140-151.	1.9	16
675	Volumetric navigators for prospective motion correction and selective reacquisition in neuroanatomical MRI. Magnetic Resonance in Medicine, 2012, 68, 389-399.	1.9	338

#	ARTICLE	IF	CITATIONS
676	The effect of concomitant gradient fields on diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1190-1201.	1.9	56
677	Eliminating side excitations in PROPELLER-based 2D-selective RF excitations. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1383-1389.	1.9	1
678	Super-resolution methods in MRI: Can they improve the trade-off between resolution, signal-to-noise ratio, and acquisition time?. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1983-1993.	1.9	187
679	Nonrigid motion correction in 3D using autofocusing with localized linear translations. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1785-1797.	1.9	78
680	Improved motion correction capabilities for fast spin echo 1^{st} FLAIR propeller using non-Cartesian external calibration data driven parallel imaging. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1856-1865.	1.9	12
681	Quantification of the accuracy of MRI generated 3D models of long bones compared to CT generated 3D models. <i>Medical Engineering and Physics</i> , 2012, 34, 357-363.	0.8	101
682	Real-time phase-contrast MRI of cardiovascular blood flow using undersampled radial fast low-angle shot and nonlinear inverse reconstruction. <i>NMR in Biomedicine</i> , 2012, 25, 917-924.	1.6	75
683	Reduced field-of-view excitation using second-order gradients and spatial-spectral radiofrequency pulses. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 503-508.	1.9	10
684	Prospective motion correction in brain imaging: A review. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 621-636.	1.9	320
685	Adaptive retrospective correction of motion artifacts in cranial MRI with multicoil three-dimensional radial acquisitions. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1094-1103.	1.9	39
686	True real-time cardiac MRI in free breathing without ECG synchronization using a novel sequence with radial k-space sampling and balanced SSFP contrast mode. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 1059-1067.	0.7	25
687	Contrast-enhanced free-breathing 3D T1-weighted gradient-echo sequence for hepatobiliary MRI in patients with breath-holding difficulties. <i>European Radiology</i> , 2013, 23, 3087-3093.	2.3	36
688	Cardiovascular magnetic resonance artefacts. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 41.	1.6	128
689	The Utility of Micro-CT and MRI in the Assessment of Longitudinal Growth of Liver Metastases in a Preclinical Model of Colon Carcinoma. <i>Academic Radiology</i> , 2013, 20, 430-439.	1.3	16
690	Image domain propeller fast spin echo. <i>Magnetic Resonance Imaging</i> , 2013, 31, 385-395.	1.0	2
691	GESFIDE-PROPELLER Approach for Simultaneous R2 and R2* Measurements in the Abdomen. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1760-1765.	1.0	4
692	Comparison of BLADE and conventional T2-TSE sequences for the sagittal visualization of the cervical spinal cord in multiple sclerosis patients – A case report. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1766-1770.	1.0	1
693	Achieving high spatial resolution and high SNR in low-field MRI of hyperpolarised gases with Slow Low Angle SHot. <i>Journal of Magnetic Resonance</i> , 2013, 227, 72-86.	1.2	7

#	ARTICLE	IF	CITATIONS
694	A Study on Usefulness Comparison of Multiple-Shot FSE PROPELLER and IDEAL-FSE Techniques for Magnetic Susceptibility Artifact. Applied Magnetic Resonance, 2013, 44, 1253-1263.	0.6	0
695	<i>In vivo</i> MRI cell tracking using perfluorocarbon probes and fluorine-19 detection. NMR in Biomedicine, 2013, 26, 860-871.	1.6	139
696	A MRI Rotary Phased Array Head Coil. IEEE Transactions on Biomedical Circuits and Systems, 2013, 7, 548-556.	2.7	3
697	Water-fat separation with parallel imaging based on BLADE. Magnetic Resonance Imaging, 2013, 31, 656-663.	1.0	7
698	CUDA accelerated method for motion correction in MR PROPELLER imaging. Magnetic Resonance Imaging, 2013, 31, 1390-1398.	1.0	7
699	Elimination of motion, pulsatile flow and cross-talk artifacts using blade sequences in lumbar spine MR imaging. Magnetic Resonance Imaging, 2013, 31, 882-890.	1.0	11
700	Prospective active marker motion correction improves statistical power in BOLD fMRI. NeuroImage, 2013, 68, 154-161.	2.1	23
701	A comparative quantitative analysis of magnetic susceptibility artifacts in echo planar and PROPELLER diffusion-weighted images. Journal of the Korean Physical Society, 2013, 62, 358-364.	0.3	1
702	Improvement of image quality using BLADE sequences in brain MR imaging. Magnetic Resonance Imaging, 2013, 31, 189-200.	1.0	24
703	A CUDA-based reverse gridding algorithm for MR reconstruction. Magnetic Resonance Imaging, 2013, 31, 313-323.	1.0	16
704	Motion-Compensation Techniques in Neonatal and Fetal MR Imaging. American Journal of Neuroradiology, 2013, 34, 1124-1136.	1.2	94
705	Prospective optical motion correction for 3D time-of-flight angiography. Magnetic Resonance in Medicine, 2013, 69, 1623-1633.	1.9	7
706	BLADE Sequences in Sagittal T2-Weighted MR Imaging of the Cervical Spine and Spinal Cord Lesion Detection and Clinical Value. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2013, 186, 47-53.	0.7	4
707	Prediction of Carotid Plaque Characteristics Using Non-Gated MR Imaging: Correlation with Endarterectomy Specimens. American Journal of Neuroradiology, 2013, 34, 191-197.	1.2	30
708	A hitchhiker's guide to diffusion tensor imaging. Frontiers in Neuroscience, 2013, 7, 31.	1.4	615
709	Artifact-reduced simultaneous MRI of multiple rats with liver cancer using PROPELLER. Journal of Magnetic Resonance Imaging, 2013, 38, 225-230.	1.9	8
710	Novel application of T1-weighted BLADE sequences with fat suppression compared to TSE in contrast-enhanced T1-weighted imaging of the neck: Cutting-edge images?. Journal of Magnetic Resonance Imaging, 2013, 37, 660-668.	1.9	9
711	Advanced MRI in malignant neoplasms of the uterus. Journal of Magnetic Resonance Imaging, 2013, 37, 249-264.	1.9	23

#	ARTICLE	IF	CITATIONS
712	Diffusion Anisotropy Color-Coded Map of Cerebral White Matter: Quantitative Comparison between Orthogonal Anisotropic Diffusion-Weighted Imaging and Diffusion Tensor Imaging. <i>Journal of Neuroimaging</i> , 2013, 23, 197-201.	1.0	3
713	Review: K-space trajectory development. , 2013, , .		5
714	An improved algorithm of motion artifacts correction for MRI. , 2013, , .		0
715	Elliptical subject-specific model of respiratory motion for cardiac MRI. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 722-731.	1.9	8
716	Fast direct fourier reconstruction of radial and PROPELLER MRI data using the chirp transform algorithm on graphics hardware. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1087-1094.	1.9	4
717	Prospective motion correction using inductively coupled wireless RF coils. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 639-647.	1.9	50
718	Diffusion-weighted 3D multislab echo planar imaging for high signal-to-noise ratio efficiency and isotropic image resolution. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1507-1514.	1.9	63
719	Prospective and retrospective high order eddy current mitigation for diffusion weighted echo planar imaging. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1293-1305.	1.9	28
720	Assessment of Cervical Spondylotic Myelopathy Using Diffusion Tensor Magnetic Resonance Imaging Parameter at 3.0 Tesla. <i>Spine</i> , 2013, 38, 407-414.	1.0	58
721	Highly accelerated projection imaging with coil sensitivity encoding for rapid MRI. <i>Medical Physics</i> , 2013, 40, 022305.	1.6	2
722	Accelerated Fast Spin-Echo Magnetic Resonance Imaging of the Heart Using a Self-Calibrated Split-Echo Approach. <i>PLoS ONE</i> , 2014, 9, e94654.	1.1	3
723	Towards Routine Clinical Use of Radial Stack-of-Stars 3D Gradient-Echo Sequences for Reducing Motion Sensitivity. <i>Journal of the Korean Society of Magnetic Resonance in Medicine</i> , 2014, 18, 87.	0.1	133
724	Scanning fast and slow: current limitations of 3 Tesla functional MRI and future potential. <i>Frontiers in Physics</i> , 2014, 2, 00001.	1.0	20
725	Estimating the apparent transverse relaxation time ($R2^*$) from images with different contrasts (ESTATICS) reduces motion artifacts. <i>Frontiers in Neuroscience</i> , 2014, 8, 278.	1.4	68
726	Susceptibility Artifacts. , 2014, , 91-105.		11
727	MRI of the Liver. , 2014, , 139-154.		0
728	Pulse Sequences for Diffusion-Weighted MRI. , 2014, , 11-34.		3
729	Diffusion Acquisition. , 2014, , 35-61.		2

#	ARTICLE	IF	CITATIONS
730	New Imaging Strategies Using a Motion-Resistant Liver Sequence in Uncooperative Patients. BioMed Research International, 2014, 2014, 1-11.	0.9	14
731	View-sharing PROPELLER with pixel-based optimal blade selection: Application on dynamic contrast-enhanced imaging. Medical Physics, 2014, 41, 062302.	1.6	1
732	Real-time motion correction in two-dimensional multislice imaging with through-plane navigator. Magnetic Resonance in Medicine, 2014, 71, 1995-2005.	1.9	7
733	Revised motion estimation algorithm for PROPELLER MRI. Magnetic Resonance in Medicine, 2014, 72, 430-437.	1.9	38
734	Morphological features of the neonatal brain support development of subsequent cognitive, language, and motor abilities. Human Brain Mapping, 2014, 35, 4459-4474.	1.9	28
735	Compressive manifold learning: Estimating one-dimensional respiratory motion directly from undersampled k-space data. Magnetic Resonance in Medicine, 2014, 72, 1130-1140.	1.9	15
736	Whole-Body Nonenhanced PET/MR versus PET/CT in the Staging and Restaging of Cancers: Preliminary Observations. Radiology, 2014, 273, 859-869.	3.6	78
737	Prospective real-time head motion correction using inductively coupled wireless NMR probes. Magnetic Resonance in Medicine, 2014, 72, 971-985.	1.9	30
738	Three-dimensional through-plane radial GRAPPA for renal MR angiography. Journal of Magnetic Resonance Imaging, 2014, 40, 864-874.	1.9	16
739	Fast low-angle shot diffusion tensor imaging with stimulated echo encoding in the muscle of rabbit shank. NMR in Biomedicine, 2014, 27, 146-157.	1.6	17
740	Improved motion correction in PROPELLER by using grouped blades as reference. Journal of Magnetic Resonance Imaging, 2014, 39, 700-707.	1.9	3
741	High performance MRI simulations of motion on multi-GPU systems. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 48.	1.6	25
742	Why and how we determine nephron number. Pediatric Nephrology, 2014, 29, 575-580.	0.9	35
743	Role of periodically rotated overlapping parallel lines with enhanced reconstruction diffusion-weighted imaging in correcting distortion and evaluating head and neck masses using 3 T MRI. Clinical Radiology, 2014, 69, 403-409.	0.5	22
744	Clinical Applications of Diffusion Tensor Imaging. World Neurosurgery, 2014, 82, 96-109.	0.7	102
745	Computational Modeling of Objects Presented in Images. Lecture Notes in Computational Vision and Biomechanics, 2014, , .	0.5	2
746	Abdomen and Thoracic Imaging. , 2014, , .		5
747	Retrospective Rigid Motion Correction in k-Space for Segmented Radial MRI. IEEE Transactions on Medical Imaging, 2014, 33, 1-10.	5.4	32

#	ARTICLE	IF	CITATIONS
748	Non-Cartesian parallel imaging reconstruction. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 1022-1040.	1.9	90
749	Predicting Carotid Plaque Characteristics Using Quantitative Color-Coded T1-Weighted MR Plaque Imaging: Correlation with Carotid Endarterectomy Specimens. <i>American Journal of Neuroradiology</i> , 2014, 35, 766-771.	1.2	19
750	A 3D MR-acquisition scheme for nonrigid bulk motion correction in simultaneous PET-MR. <i>Medical Physics</i> , 2014, 41, 082304.	1.6	33
751	Carotid Plaque Characteristics on Magnetic Resonance Plaque Imaging Following Long-term Cilostazol Therapy. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 2425-2430.	0.7	5
752	Computational Modeling of Objects Presented in Images. <i>Fundamentals, Methods, and Applications. Lecture Notes in Computer Science</i> , 2014, , .	1.0	1
753	Diffusion-Weighted Imaging of the Liver. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2014, 22, 373-395.	0.6	54
754	Arterial hyperintensity on BLADE fluid-attenuated inversion recovery images (FLAIR) in hyperacute territorial infarction: comparison with conventional FLAIR. <i>European Radiology</i> , 2014, 24, 2045-2051.	2.3	5
755	Detectability of Neural Tracts and Nuclei in the Brainstem Utilizing 3D AC-PROPELLER. <i>Journal of Neuroimaging</i> , 2014, 24, 238-244.	1.0	9
756	Radial MRI during free breathing in contrast-enhanced hepatobiliary phase imaging. <i>Acta Radiologica</i> , 2014, 55, 3-7.	0.5	5
757	High resolution T2*-weighted Magnetic Resonance Imaging at 3 Tesla using PROPELLER-EPI. <i>Zeitschrift Fur Medizinische Physik</i> , 2014, 24, 164-173.	0.6	5
758	A framework for accurate determination of the T2 distribution from multiple echo magnitude MRI images. <i>Journal of Magnetic Resonance</i> , 2014, 244, 53-63.	1.2	25
759	Fast, variable system delay correction for spiral MRI. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 773-782.	1.9	14
760	Rationale, design and methodology of the image analysis protocol for studies of patients with cerebral small vessel disease and mild stroke. <i>Brain and Behavior</i> , 2015, 5, e00415.	1.0	65
761	Graphical programming interface: A development environment for MRI methods. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1449-1460.	1.9	49
762	Super-resolution reconstruction in frequency, image, and wavelet domains to reduce through-plane partial voluming in MRI. <i>Medical Physics</i> , 2015, 42, 6919-6932.	1.6	23
763	A review of 3D first-pass, whole-heart, myocardial perfusion cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 68.	1.6	43
764	Accelerated cardiac MR stress perfusion with radial sampling after physical exercise with an MR-compatible supine bicycle ergometer. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 384-395.	1.9	20
765	POCS-based reconstruction of multiplexed sensitivity encoded MRI (POCSMUSE): A general algorithm for reducing motion-related artifacts. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1336-1348.	1.9	57

#	ARTICLE	IF	CITATIONS
766	The effects of SENSE on PROPELLER imaging. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1598-1608.	1.9	22
767	Motion artifact reduction in pediatric diffusion tensor imaging using fast prospective correction. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1353-1364.	1.9	15
768	Properties of a 2D fat navigator for prospective image domain correction of nodding motion in brain MRI. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1110-1119.	1.9	31
769	Correction of gradient nonlinearity artifacts in prospective motion correction for 7T MRI. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1562-1569.	1.9	18
770	Wavelet-space correlation imaging for high-speed MRI without motion monitoring or data segmentation. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1574-1586.	1.9	5
771	T2-Weighted Liver MRI Using the MultiVane Technique at 3T: Comparison with Conventional T2-Weighted MRI. <i>Korean Journal of Radiology</i> , 2015, 16, 1038.	1.5	21
772	Coping with motion in MRI: Developments since TRELLIS. , 2015, , .		0
773	Highest Resolution In Vivo Human Brain MRI Using Prospective Motion Correction. <i>PLoS ONE</i> , 2015, 10, e0133921.	1.1	138
774	Noise Power Spectrum in PROPELLER MR Imaging. <i>Magnetic Resonance in Medical Sciences</i> , 2015, 14, 235-242.	1.1	4
775	Improved abdominal MRI in non-breath-holding children using a radial k-space sampling technique. <i>Pediatric Radiology</i> , 2015, 45, 840-846.	1.1	25
776	Approach to MR Imaging of the Elbow and Wrist. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2015, 23, 355-366.	0.6	26
777	Toward Quantifying the Prevalence, Severity, and Cost Associated With Patient Motion During Clinical MR Examinations. <i>Journal of the American College of Radiology</i> , 2015, 12, 689-695.	0.9	168
778	Adaptive scan strategies for fetal MRI imaging using slice to volume techniques. , 2015, , .		1
779	Accuracy and Precision of Head Motion Information in Multi-Channel Free Induction Decay Navigators for Magnetic Resonance Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 1879-1889.	5.4	14
781	Morphological features of the neonatal brain following exposure to regional anesthesia during labor and delivery. <i>Magnetic Resonance Imaging</i> , 2015, 33, 213-221.	1.0	21
782	Reduction of motion, truncation and flow artifacts using BLADE sequences in cervical spine MR imaging. <i>Magnetic Resonance Imaging</i> , 2015, 33, 194-200.	1.0	10
783	Improving the robustness of 3D turbo spin echo imaging to involuntary motion. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 329-345.	1.1	17
784	Carotid Plaque Characterization Using 3D T1-Weighted MR Imaging with Histopathologic Validation: A Comparison with 2D Technique. <i>American Journal of Neuroradiology</i> , 2015, 36, 751-756.	1.2	24

#	ARTICLE	IF	CITATIONS
785	Real diffusion-weighted MRI enabling true signal averaging and increased diffusion contrast. <i>NeuroImage</i> , 2015, 122, 373-384.	2.1	88
786	Patient-initiated breath-holds in MRI: an alternative for reducing respiratory artifacts and improving image quality. <i>Clinical Imaging</i> , 2015, 39, 619-622.	0.8	0
787	MRI and fMRI Optimizations and Applications. , 2015, , 183-190.		0
788	Advances in T1-Weighted and T2-Weighted Imaging in the Abdomen and Pelvis. <i>Radiologic Clinics of North America</i> , 2015, 53, 583-598.	0.9	9
789	Motion Correction Options in PET/MRI. <i>Seminars in Nuclear Medicine</i> , 2015, 45, 212-223.	2.5	93
790	Thoracic staging of non-small-cell lung cancer using integrated 18F-FDG PET/MR imaging: diagnostic value of different MR sequences. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1257-1267.	3.3	23
791	Motion artifacts in MRI: A complex problem with many partial solutions. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 887-901.	1.9	446
792	Motion correction of magnetic resonance imaging data by using adaptive moving least squares method. <i>Magnetic Resonance Imaging</i> , 2015, 33, 659-670.	1.0	2
793	Magnetic resonance imaging acquisition techniques intended to decrease movement artefact in paediatric brain imaging: a systematic review. <i>Pediatric Radiology</i> , 2015, 45, 1271-1281.	1.1	13
794	Comparative study of image quality between axial T2-weighted BLADE and turbo spin-echo MRI of the upper abdomen on 3.0T. <i>Japanese Journal of Radiology</i> , 2015, 33, 585-590.	1.0	18
795	BLADE Sequences in Transverse T2-weighted MR Imaging of the Cervical Spine. Cut-off for Artefacts?. <i>RoFo Fortschritte Auf Dem Gebiet Der Röntgenstrahlen Und Der Bildgebenden Verfahren</i> , 2015, 187, 102-108.	0.7	6
796	Fast Volume Reconstruction From Motion Corrupted Stacks of 2D Slices. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 1901-1913.	5.4	138
797	An iterative reduced field-of-view reconstruction for periodically rotated overlapping parallel lines with enhanced reconstruction (PROPELLER) MRI. <i>Medical Physics</i> , 2015, 42, 5757-5767.	1.6	4
798	Hyperintense Vessels on T2-PROPELLER-FLAIR in Patients with Acute MCA Stroke: Prediction of Arterial Stenosis and Perfusion Abnormality. <i>American Journal of Neuroradiology</i> , 2015, 36, 2042-2047.	1.2	15
799	T2-weighted imaging of the prostate: Impact of the BLADE technique on image quality and tumor assessment. <i>Abdominal Imaging</i> , 2015, 40, 552-559.	2.0	25
800	Introductory Magnetic Resonance Imaging Physics. , 2016, , 157-166.		0
801	8 Diffusion-Weighted Imaging for Gliomas. , 2016, , .		0
802	A 32-Channel Head Coil Array with Circularly Symmetric Geometry for Accelerated Human Brain Imaging. <i>PLoS ONE</i> , 2016, 11, e0149446.	1.1	3

#	ARTICLE	IF	CITATIONS
803	Comparison of Diffusion-Weighted Imaging in the Human Brain Using Readout-Segmented EPI and PROPELLER Turbo Spin Echo With Single-Shot EPI at 7 T MRI. Investigative Radiology, 2016, 51, 435-439.	3.5	15
804	Fast temperature estimation from undersampled k-space with fully-sampled center for MR guided microwave ablation. Magnetic Resonance Imaging, 2016, 34, 1171-1180.	1.0	6
805	Retrospective correction of involuntary microscopic head movement using highly accelerated fat image navigators (3D FatNavs) at 7T. Magnetic Resonance in Medicine, 2016, 75, 1030-1039.	1.9	110
806	An MRI-compatible platform for one-dimensional motion management studies in MRI. Magnetic Resonance in Medicine, 2016, 76, 702-712.	1.9	5
807	Prospective motion correction and selective reacquisition using volumetric navigators for vessel-encoded arterial spin labeling dynamic angiography. Magnetic Resonance in Medicine, 2016, 76, 1420-1430.	1.9	13
808	Motion correction in MRI of the brain. Physics in Medicine and Biology, 2016, 61, R32-R56.	1.6	134
809	Strategies to minimize sedation in pediatric body magnetic resonance imaging. Pediatric Radiology, 2016, 46, 916-927.	1.1	102
810	Evaluation of motion and its effect on brain magnetic resonance image quality in children. Pediatric Radiology, 2016, 46, 1728-1735.	1.1	35
811	Efficacy of periodically rotated overlapping parallel lines with enhanced reconstruction (PROPELLER) for shoulder magnetic resonance (MR) imaging. European Journal of Radiology, 2016, 85, 1735-1743.	1.2	9
812	MRI in radiation oncology: Underserved needs. Magnetic Resonance in Medicine, 2016, 75, 11-14.	1.9	13
813	Pseudo-â€œprojectionâ€ driven, self-gated cardiac cine imaging using cartesian golden step phase encoding. Magnetic Resonance in Medicine, 2016, 76, 417-429.	1.9	6
814	Additional sampling directions improve detection range of wireless radiofrequency probes. Magnetic Resonance in Medicine, 2016, 76, 913-918.	1.9	0
815	Efficacy of the radial acquisition regime (RADAR) for acquiring head and neck MR images. British Journal of Radiology, 2016, 89, 20160007.	1.0	2
816	Three-dimensional echo-planar cine imaging of cerebral blood supply using arterial spin labeling. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2016, 29, 799-810.	1.1	4
817	Dixon water-fat separation in PROPELLER MRI acquired with two interleaved echoes. Magnetic Resonance in Medicine, 2016, 75, 718-728.	1.9	22
818	Realistic analytical polyhedral MRI phantoms. Magnetic Resonance in Medicine, 2016, 76, 663-678.	1.9	6
819	Motion-Robust Diffusion-Weighted Brain MRI Reconstruction Through Slice-Level Registration-Based Motion Tracking. IEEE Transactions on Medical Imaging, 2016, 35, 2258-2269.	5.4	30
820	1 Physics of Diffusion Weighted and Diffusion Tensor Imaging. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
821	Robust self-navigated body <scp>MRI</scp> using dense coil arrays. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 197-205.	1.9	34
822	Magnetic Resonance Imaging of the Liver (Including Biliary Contrast Agents) Part 1: Technical Considerations and Contrast Materials. <i>Seminars in Roentgenology</i> , 2016, 51, 308-316.	0.2	17
823	Super-resolution reconstruction of diffusion parameters from diffusion-weighted images with different slice orientations. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 181-195.	1.9	40
824	The Role of DTI in Multiple Sclerosis and Other Demyelinating Conditions. , 2016, , 331-341.		2
825	Diffusion-Weighted MR Imaging of Hepatocellular Carcinoma: Current Value in Clinical Evaluation of Tumor Response to Locoregional Treatment. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 20-30.	0.2	17
826	Survivor's Guide to DTI Acquisition. , 2016, , 89-126.		0
827	TNM Staging of Non-Small Cell Lung Cancer: Comparison of PET/MR and PET/CT. <i>Journal of Nuclear Medicine</i> , 2016, 57, 21-26.	2.8	65
828	MRI of the lung using the PROPELLER technique: Artifact reduction, better image quality and improved nodule detection. <i>European Journal of Radiology</i> , 2016, 85, 707-713.	1.2	36
829	Checking and Correcting DTI Data. , 2016, , 127-150.		4
830	Thermal noise variance of a receive radiofrequency coil as a respiratory motion sensor. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 221-228.	1.9	24
831	Optimizing the acceleration and resolution of three-dimensional fat image navigators for high-resolution motion correction at 7T. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 547-558.	1.9	26
832	Brain imaging: Comparison of T1W FLAIR BLADE with conventional T1W SE. <i>Magnetic Resonance Imaging</i> , 2017, 37, 234-242.	1.0	11
833	A New Joint-Blade SENSE Reconstruction for Accelerated PROPELLER MRI. <i>Scientific Reports</i> , 2017, 7, 42602.	1.6	3
834	Self-navigated 4D cartesian imaging of periodic motion in the body trunk using partial k-space compressed sensing. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 632-644.	1.9	30
835	Feed and Wrap MRI Technique in Infants. <i>Clinical Pediatrics</i> , 2017, 56, 1095-1103.	0.4	95
836	Model-based iterative reconstruction for single-shot <scp>EPI</scp> at 7<scp>T</scp>. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 2250-2264.	1.9	13
837	Image formation in diffusion MRI: A review of recent technical developments. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 646-662.	1.9	97
838	Integration of PET/MR Hybrid Imaging into Radiation Therapy Treatment. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2017, 25, 377-430.	0.6	8

#	ARTICLE	IF	CITATIONS
839	Edge Detection of Piecewise Smooth Functions from UnderSampled Fourier Data Using Variance Signatures. SIAM Journal of Scientific Computing, 2017, 39, A559-A592.	1.3	3
840	Advanced imaging techniques in pediatric body MRI. Pediatric Radiology, 2017, 47, 522-533.	1.1	20
841	Recent advances in parallel imaging for MRI. Progress in Nuclear Magnetic Resonance Spectroscopy, 2017, 101, 71-95.	3.9	145
842	Radial Ultrashort TE Imaging Removes the Need for Breath-Holding in Hepatic Iron Overload Quantification by R2* MRI. American Journal of Roentgenology, 2017, 209, 187-194.	1.0	12
843	MRI of cystic fibrosis lung manifestations: sequence evaluation and clinical outcome analysis. Clinical Radiology, 2017, 72, 754-763.	0.5	17
844	High-contrast high-resolution imaging of posttraumatic mandibular nerve by 3DAC-PROPELLER magnetic resonance imaging: correlation with the severity of sensory disturbance. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2017, 124, 85-94.	0.2	12
845	Pulse sequence considerations for simulation and postimplant dosimetry of prostate brachytherapy. Brachytherapy, 2017, 16, 743-753.	0.2	14
846	De-aliasing for signal restoration in Propeller MR imaging. Magnetic Resonance Imaging, 2017, 36, 12-15.	1.0	1
847	Autocalibrating motion-corrected wave-encoding for highly accelerated free-breathing abdominal MRI. Magnetic Resonance in Medicine, 2017, 78, 1757-1766.	1.9	10
848	Prospective motion correction in 2D multishot MRI using EPI navigators and multislice-to-volume image registration. Magnetic Resonance in Medicine, 2017, 78, 2127-2135.	1.9	10
849	GPU-Accelerated Self-Calibrating GRAPPA Operator Gridding for Rapid Reconstruction of Non-Cartesian MRI Data. Applied Magnetic Resonance, 2017, 48, 1055-1074.	0.6	10
850	General Requirements of MRI of the Lung and Suggested Standard Protocol. Medical Radiology, 2017, , 1-20.	0.0	4
851	MR-based respiratory and cardiac motion correction for PET imaging. Medical Image Analysis, 2017, 42, 129-144.	7.0	64
852	Accelerated mapping of magnetic susceptibility using 3D planes-a paddlewheel (POP) EPI at ultra-high field strength. NMR in Biomedicine, 2017, 30, e3620.	1.6	10
853	Relation between one- and two-dimensional noise power spectra of magnetic resonance images. Radiological Physics and Technology, 2017, 10, 161-170.	1.0	1
854	A brain phantom for motion-corrected PROPELLER showing image contrast and construction similar to those of in vivo MRI. Magnetic Resonance Imaging, 2017, 36, 32-39.	1.0	8
855	Prospective head motion correction using FID-guided on-demand image navigators. Magnetic Resonance in Medicine, 2017, 78, 193-203.	1.9	11
856	MRI artifact correction using sparse-low-rank decomposition of annihilating filter-based hankel matrix. Magnetic Resonance in Medicine, 2017, 78, 327-340.	1.9	36

#	ARTICLE	IF	CITATIONS
857	Hyperecho PROPELLER-MRI: Application to rapid high-resolution motion-insensitive T ₂ -weighted black-blood imaging of the carotid arterial vessel wall and plaque. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 515-524.	1.9	3
858	Motion correction for functional MRI with three-dimensional hybrid radial-Cartesian EPI. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 527-540.	1.9	28
859	Motion-related artifacts in structural brain images revealed with independent estimates of in-scanner head motion. <i>Human Brain Mapping</i> , 2017, 38, 472-492.	1.9	151
860	Regional hypoxic cerebral vasodilation facilitated by diameter changes primarily in anterior versus posterior circulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2025-2034.	2.4	28
861	The image evaluation of iterative motion correction reconstruction algorithm PROPELLER T2-weighted imaging compared with MultiVane T2-weighted imaging. <i>Journal of the Korean Physical Society</i> , 2017, 71, 238-243.	0.3	3
862	Optimization of prostate MRI acquisition and post-processing protocol: a pictorial review with access to acquisition protocols. <i>Acta Radiologica Open</i> , 2017, 6, 205846011774557.	0.3	19
863	Survey on Preclinical Methods to Assess Collateral Thermal Damage to Tissues Caused by Surgical Devices. <i>Journal of Japan Society of Computer Aided Surgery</i> , 2017, 19, 63-73.	0.1	0
864	Are Movement Artifacts in Magnetic Resonance Imaging a Real Problem?—A Narrative Review. <i>Frontiers in Neurology</i> , 2017, 8, 232.	1.1	129
865	Reduction of respiratory ghosting motion artifacts in conventional two-dimensional multi-slice Cartesian turbo spin-echo: which k-space filling order is the best?. <i>Radiological Physics and Technology</i> , 2018, 11, 248-254.	1.0	1
866	Maternal Immune Activation During the Third Trimester Is Associated with Neonatal Functional Connectivity of the Salience Network and Fetal to Toddler Behavior. <i>Journal of Neuroscience</i> , 2018, 38, 2877-2886.	1.7	127
867	Motion-robust submillimeter isotropic diffusion imaging through motion corrected generalized slice dithered enhanced resolution (MC-gSlider) acquisition. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1891-1906.	1.9	28
868	Multiband diffusion-weighted MRI of the eye and orbit free of geometric distortions using a RARE-EPI hybrid. <i>NMR in Biomedicine</i> , 2018, 31, e3872.	1.6	14
869	Isotropic resolution diffusion tensor imaging of lumbosacral and sciatic nerves using a phase-corrected diffusion-prepared 3D turbo spin echo. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 609-618.	1.9	13
870	Quality evaluation of no-reference MR images using multidirectional filters and image statistics. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 914-924.	1.9	20
871	Specialized Neurological Studies. , 2018, , 222-254.e10.		3
872	Neuro: Head and Neck Oncology. , 2018, , 223-248.		0
873	MR Pulse Sequences for PET/MRI. , 2018, , 27-39.		0
874	Simultaneous multi-slice combined with PROPELLER. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 496-506.	1.9	11

#	ARTICLE	IF	CITATIONS
875	Retrospective motion gating in cardiac MRI using a simultaneously acquired navigator. NMR in Biomedicine, 2018, 31, e3874.	1.6	4
876	MR Imaging and Cochlear Implants with Retained Internal Magnets: Reducing Artifacts near Highly Inhomogeneous Magnetic Fields. Radiographics, 2018, 38, 94-106.	1.4	45
877	Reducing sedation for pediatric body MRI using accelerated and abbreviated imaging protocols. Pediatric Radiology, 2018, 48, 37-49.	1.1	64
878	T1 weighted fat/water separated PROPELLER acquired with dual bandwidths. Magnetic Resonance in Medicine, 2018, 80, 2501-2513.	1.9	4
879	Comparison of DWI Methods in the Pediatric Brain: PROPELLER Turbo Spin-Echo Imaging Versus Readout-Segmented Echo-Planar Imaging Versus Single-Shot Echo-Planar Imaging. American Journal of Roentgenology, 2018, 210, 1352-1358.	1.0	22
880	Role of PROPELLER-DWI of the prostate in reducing distortion and artefact from total hip replacement metalwork. European Journal of Radiology, 2018, 102, 213-219.	1.2	31
881	Practical implications of motion correction with motion insensitive radial k -space acquisitions in MRI. British Journal of Radiology, 2018, 91, 20170593.	1.0	3
882	Multispectral diffusion-weighted imaging near metal implants. Magnetic Resonance in Medicine, 2018, 79, 987-993.	1.9	19
883	High-resolution in vivo diffusion imaging of the human brain with generalized slice dithered enhanced resolution: Simultaneous multislice (g _S MS). Magnetic Resonance in Medicine, 2018, 79, 141-151.	1.9	134
884	Rotating single-shot acquisition (RoSA) with composite reconstruction for fast high-resolution diffusion imaging. Magnetic Resonance in Medicine, 2018, 79, 264-275.	1.9	6
885	Revised PROPELLER for T2-weighted imaging of the prostate at 3 Tesla: impact on lesion detection and PI-RADS classification. European Radiology, 2018, 28, 24-30.	2.3	9
886	Prospective motion correction using coil-mounted cameras: Cross-calibration considerations. Magnetic Resonance in Medicine, 2018, 79, 1911-1921.	1.9	30
887	Joint groupwise registration and ADC estimation in the liver using a B-value weighted metric. Magnetic Resonance Imaging, 2018, 46, 1-9.	1.0	6
888	A 1-minute full brain MR exam using a multicontrast EPI sequence. Magnetic Resonance in Medicine, 2018, 79, 3045-3054.	1.9	51
889	Accelerating MRI Using GROG Gridding Followed by ESPIRiT for Non-Cartesian Trajectories. Applied Magnetic Resonance, 2018, 49, 107-124.	0.6	7
890	Processing of structural neuroimaging data in young children: Bridging the gap between current practice and state-of-the-art methods. Developmental Cognitive Neuroscience, 2018, 33, 206-223.	1.9	50
891	Magnetization-prepared shells trajectory with automated gradient waveform design. Magnetic Resonance in Medicine, 2018, 79, 2024-2035.	1.9	3
892	Steer-PROP: a GRASE-PROPELLER sequence with interecho steering gradient pulses. Magnetic Resonance in Medicine, 2018, 79, 2533-2541.	1.9	6

#	ARTICLE	IF	CITATIONS
893	Free-breathing abdominal MRI improved by repeated subsampling and artifact minimization (ReKAM). Medical Physics, 2018, 45, 178-190.	1.6	6
894	Motion-corrected space reconstruction for interleaved EPI diffusion imaging. Magnetic Resonance in Medicine, 2018, 79, 1992-2002.	1.9	21
895	Multiparametric prostate MRI: technical conduct, standardized report and clinical use. Minerva Urology and Nephrology, 2018, 70, 9-21.	1.3	20
896	Value of PET/MRI for assessing tumor resectability in NSCLC— intra-individual comparison with PET/CT. British Journal of Radiology, 2018, , 20180379.	1.0	8
897	Clinical Feasibility of Synthetic Magnetic Resonance Imaging in the Diagnosis of Internal Derangements of the Knee. Korean Journal of Radiology, 2018, 19, 311.	1.5	17
898	Exploring the sensitivity of magnetic resonance fingerprinting to motion. Magnetic Resonance Imaging, 2018, 54, 241-248.	1.0	39
899	Robust Motion Correction Strategy for Structural MRI in Unsedated Children Demonstrated with Three-dimensional Radial MPnRAGE. Radiology, 2018, 289, 509-516.	3.6	33
900	Fast, free-breathing and motion-minimized techniques for pediatric body magnetic resonance imaging. Pediatric Radiology, 2018, 48, 1197-1208.	1.1	45
901	Pros and cons of ultra-high-field MRI/MRS for human application. Progress in Nuclear Magnetic Resonance Spectroscopy, 2018, 109, 1-50.	3.9	331
902	Image reconstruction algorithm for motion insensitive MR Fingerprinting (MRF): MORF. Magnetic Resonance in Medicine, 2018, 80, 2485-2500.	1.9	34
903	Effectiveness of the periodically rotated overlapping parallel lines with enhanced reconstruction (PROPELLER) technique for reducing motion artifacts caused by mandibular movements on fat-suppressed T2-weighted magnetic resonance (MR) images. Magnetic Resonance Imaging, 2018, 54, 1-7.	1.0	4
904	Neonatal Neuroimaging. , 2018, , 922-951.e5.		0
905	Head motion measurement and correction using FID navigators. Magnetic Resonance in Medicine, 2019, 81, 258-274.	1.9	40
906	In vivo measurements of kidney glomerular number and size in healthy and Os/+ mice using MRI. American Journal of Physiology - Renal Physiology, 2019, 317, F865-F873.	1.3	24
907	In vivo magnetic resonance imaging and spectroscopy. Technological advances and opportunities for applications continue to abound. Journal of Magnetic Resonance, 2019, 306, 55-65.	1.2	10
908	Impact of a fast free-breathing 3-T abdominal MRI protocol on improving scan time and image quality for pediatric patients with tuberous sclerosis complex. Pediatric Radiology, 2019, 49, 1788-1797.	1.1	7
909	Evaluation of 3D fat-navigator based retrospective motion correction in the clinical setting of patients with brain tumors. Neuroradiology, 2019, 61, 557-563.	1.1	3
910	Efficacy of PROPELLER in reducing ocular motion artefacts and improving image quality of orbital MRI at 3 T using an eye surface coil. Clinical Radiology, 2019, 74, 734.e7-734.e12.	0.5	4

#	ARTICLE	IF	CITATIONS
911	QUEST MRI assessment of fetal brain oxidative stress in utero. <i>NeuroImage</i> , 2019, 200, 601-606.	2.1	4
913	Sorted Golden-step phase encoding: an improved Golden-step imaging technique for cardiac and respiratory self-gated cine cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 23.	1.6	1
915	Continuous prospectively navigated multi-echo GRE for improved BOLD imaging of the kidneys. <i>NMR in Biomedicine</i> , 2019, 32, e4078.	1.6	1
916	Bildverarbeitung für die Medizin 2019. <i>Informatik Aktuell</i> , 2019, , .	0.4	3
917	Non-sedated functional imaging based on deep synchronization of PROPELLER MRI and NIRS. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 175, 1-7.	2.6	3
918	Reduced respiratory motion artefact in constant TR multi-slice MRI of the mouse. <i>Magnetic Resonance Imaging</i> , 2019, 60, 1-6.	1.0	4
919	Building blocks for thoracic MRI: Challenges, sequences, and protocol design. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 682-701.	1.9	14
920	A black-blood ultra-short echo time (LUTE) sequence for 3D isotropic resolution imaging of the lungs. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3808-3818.	1.9	6
921	SPARKLING: variable-density k-space filling curves for accelerated T ₂ *-weighted MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3643-3661.	1.9	49
922	The quest for high spatial resolution diffusion-weighted imaging of the human brain in vivo. <i>NMR in Biomedicine</i> , 2019, 32, e4056.	1.6	36
923	Periodically rotated overlapping parallel lines with enhanced reconstruction acquisition to improve motion-induced artifacts in bladder cancer imaging. <i>Medicine (United States)</i> , 2019, 98, e17075.	0.4	5
924	Suppressing motion artefacts in MRI using an Inception-ResNet network with motion simulation augmentation. <i>NMR in Biomedicine</i> , 2022, 35, e4225.	1.6	21
925	Topics on quantitative liver magnetic resonance imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1840-1890.	1.1	31
926	Comparison of Motion-Insensitive T2-Weighted MRI Pulse Sequences for Visualization of the Prostatic Urethra During MR Simulation. <i>Practical Radiation Oncology</i> , 2019, 9, e534-e540.	1.1	14
927	Rigid motion-corrected magnetic resonance fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 947-961.	1.9	37
928	High resolution in vivo DT-CMR using an interleaved variable density spiral STEAM sequence. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1580-1594.	1.9	6
929	Cardiorespiratory motion tracking via self-refocused rosette navigators. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2947-2958.	1.9	5
930	Clinical 7 T MRI: Are we there yet? A review about magnetic resonance imaging at ultra-high field. <i>British Journal of Radiology</i> , 2019, 92, 20180492.	1.0	66

#	ARTICLE	IF	CITATIONS
931	Multipathway multi-echo (MPME) imaging: all main MR parameters mapped based on a single 3D scan. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1699-1713.	1.9	19
932	Accelerating Parallel Magnetic Resonance Imaging Using p-Thresholding Based Compressed-Sensing. <i>Applied Magnetic Resonance</i> , 2019, 50, 243-261.	0.6	3
933	Model-based super-resolution reconstruction of T_2 maps. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 906-919.	1.9	11
934	Image registration in dynamic renal MRI—current status and prospects. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 33-48.	1.1	20
935	Prenatal socioeconomic status and social support are associated with neonatal brain morphology, toddler language and psychiatric symptoms. <i>Child Neuropsychology</i> , 2020, 26, 170-188.	0.8	40
936	Retrospective correction of head motion using measurements from an electromagnetic tracker. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 427-437.	1.9	18
937	Influence of blade width and magnetic field strength on the ADC on PROPELLER DWI in head and neck. <i>Neuroradiology Journal</i> , 2020, 33, 39-47.	0.6	3
938	MR-MOTUS: model-based non-rigid motion estimation for MR-guided radiotherapy using a reference image and minimal k -space data. <i>Physics in Medicine and Biology</i> , 2020, 65, 015004.	1.6	28
939	Propeller echo-planar time-resolved imaging with dynamic encoding (PEPTIDE). <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2124-2137.	1.9	13
940	Reducing motion sensitivity in 3D high-resolution T_2^* -weighted MRI by navigator-based motion and nonlinear magnetic field correction. <i>NeuroImage</i> , 2020, 206, 116332.	2.1	15
941	Multispectral diffusion-weighted MRI of the instrumented cervical spinal cord: a preliminary study of 5 cases. <i>European Spine Journal</i> , 2020, 29, 1071-1077.	1.0	4
942	Multi-pathway multi-echo acquisition and neural contrast translation to generate a variety of quantitative and qualitative image contrasts. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2310-2321.	1.9	15
943	Making Magnets More Attractive. <i>Topics in Magnetic Resonance Imaging</i> , 2020, 29, 167-174.	0.7	20
944	Combined modified-Dixon and PROPELLER method with low refocusing flip angle for contrast-enhanced fat-suppressed T1-weighted MRI: A prospective cross-sectional study. <i>Magnetic Resonance Imaging</i> , 2020, 72, 143-149.	1.0	0
945	Neuroplasticity in children and adolescents in response to treatment intervention: A systematic review of the literature. <i>Clinical and Translational Neuroscience</i> , 2020, 4, 2514183X2097423.	0.4	17
946	Modified acquisition strategy for reduced motion artifact in super resolution FSE multislice MRI: Application to prostate. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2537-2550.	1.9	6
947	Marker-free optical stereo motion tracking for in-bore MRI and PET-MRI application. <i>Medical Physics</i> , 2020, 47, 3321-3331.	1.6	17
948	Deep Predictive Motion Tracking in Magnetic Resonance Imaging: Application to Fetal Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 3523-3534.	5.4	21

#	ARTICLE	IF	CITATIONS
949	A half-century of innovation in technologyâ€”preparing MRI for the 21st century. <i>British Journal of Radiology</i> , 2020, 93, 20200113.	1.0	15
950	Appearance Learning for Image-Based Motion Estimation in Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 3667-3678.	5.4	4
951	Prostate MRI Essentials. , 2020, , .		1
952	Correction of Motion Artifacts Using a Multiscale Fully Convolutional Neural Network. <i>American Journal of Neuroradiology</i> , 2020, 41, 416-423.	1.2	32
953	Self-Navigated Three-Dimensional Ultrashort Echo Time Technique for Motion-Corrected Skull MRI. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2869-2880.	5.4	8
954	Fast chemical exchange saturation transfer imaging based on PROPELLER acquisition and deep neural network reconstruction. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 3192-3205.	1.9	12
955	MRI Techniques to Decrease Imaging Times in Children. <i>Radiographics</i> , 2020, 40, 485-502.	1.4	65
956	Application of T1-weighted BLADE sequence to abdominal magnetic resonance imaging of young children: a comparison with turbo spin echo sequence. <i>Acta Radiologica</i> , 2020, 61, 1406-1413.	0.5	4
957	3T magnetic resonance for evaluation of adult pulmonary tuberculosis. <i>International Journal of Infectious Diseases</i> , 2020, 93, 287-294.	1.5	4
958	Age-related murine hippocampal CA1 laminae oxidative stress measured in vivo by QUEnch-assiSTed (QUEST) MRI: impact of isoflurane anesthesia. <i>GeroScience</i> , 2020, 42, 563-574.	2.1	10
959	Optimization methods for magnetic resonance imaging gradient waveform design. <i>NMR in Biomedicine</i> , 2020, 33, e4308.	1.6	10
960	Non-contrast coronary magnetic resonance angiography: current frontiers and future horizons. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 591-612.	1.1	20
961	Three-dimensional motion-corrected T ₁ relaxometry with MPnRAGE. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2400-2411.	1.9	10
962	Robustness of a Combined Modified Dixon and PROPELLER Sequence with Two Interleaved Echoes in Clinical Head and Neck MRI. <i>Magnetic Resonance in Medical Sciences</i> , 2021, 20, 76-82.	1.1	1
963	Free-breathing BLADE acquisition method improves T2-weighted cardiac MR image quality compared with conventional breath-hold turbo spin-echo cartesian acquisition. <i>Acta Radiologica</i> , 2021, 62, 341-347.	0.5	2
964	Cross correlation-based misregistration correction for super resolution T ₂ -weighted spin-echo images: application to prostate. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1350-1363.	1.9	1
965	Lung MRI to predict response or lack of response to treatment in interstitial lung disease: initial observations on SSFSE/PROPELLER T2 match/mismatch. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 285-292.	1.0	2
966	Accelerating in vivo fast spin echo high angular resolution diffusion imaging with an isotropic resolution in mice through compressed sensing. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1397-1413.	1.9	3

#	ARTICLE	IF	CITATIONS
967	Diffusionâ€PEPTIDE: Distortionâ€and blurringâ€free diffusion imaging with selfâ€navigated motionâ€correction and relaxometry capabilities. Magnetic Resonance in Medicine, 2021, 85, 2417-2433.	1.9	7
968	Prospective Motion Correction for Brain MRI Using an External Tracking System. Journal of Neuroimaging, 2021, 31, 57-61.	1.0	2
969	Comparison and evaluation of distortion correction techniques on an MRâ€guided radiotherapy system. Medical Physics, 2021, 48, 691-702.	1.6	3
970	T 1 â€FLAIR imaging during continuous head motion: Combining PROPELLER with an intelligent marker. Magnetic Resonance in Medicine, 2021, 85, 868-882.	1.9	5
971	Three-dimensional magnetic resonance imaging ultrashort echo-time cones for assessing lung density in pediatric patients. Pediatric Radiology, 2021, 51, 57-65.	1.1	7
972	Chest MRI Using Multivane-XD, a Novel T2-Weighted Free Breathing MR Sequence. Current Problems in Diagnostic Radiology, 2021, 50, 41-47.	0.6	1
973	Deep Learning and Its Application to Function Approximation for MR in Medicine: An Overview. Magnetic Resonance in Medical Sciences, 2022, 21, 553-568.	1.1	2
974	A Case of Congenital Open-Type Cholesteatoma Diagnosed by Diffusion-Weighted MRI Using the PROPELLER Technique. Practica Otologica, Supplement, 2021, 156, 16-20.	0.0	0
975	Autoencoder-Inspired Convolutional Network-Based Super-Resolution Method in MRI. IEEE Journal of Translational Engineering in Health and Medicine, 2021, 9, 1-13.	2.2	19
976	Learning MRI artefact removal with unpaired data. Nature Machine Intelligence, 2021, 3, 60-67.	8.3	21
977	Equivariant Filters for Efficient Tracking in 3D Imaging. Lecture Notes in Computer Science, 2021, , 193-202.	1.0	1
978	Optimizing a Feature-Based Motion Tracking System for Prospective Head Motion Estimation in MRI and PET/MRI. IEEE Transactions on Radiation and Plasma Medical Sciences, 2022, 6, 98-112.	2.7	1
979	Rosette Trajectories for Fast MRI Based on an Adaptive Reconstruction Method. IEEE Access, 2021, 9, 35164-35177.	2.6	0
981	Free induction decay navigator motion metrics for prediction of diagnostic image quality in pediatric MRI. Magnetic Resonance in Medicine, 2021, 85, 3169-3181.	1.9	2
982	LAPNet: Non-Rigid Registration Derived in k-Space for Magnetic Resonance Imaging. IEEE Transactions on Medical Imaging, 2021, 40, 3686-3697.	5.4	19
983	Distortion-Free Diffusion Imaging Using Self-Navigated Cartesian Echo-Planar Time Resolved Acquisition and Joint Magnitude and Phase Constrained Reconstruction. IEEE Transactions on Medical Imaging, 2022, 41, 63-74.	5.4	6
984	IPEM topical report: guidance on the use of MRI for external beam radiotherapy treatment planning[*]. Physics in Medicine and Biology, 2021, 66, 055025.	1.6	16
985	Calibration-Less Multi-Coil Compressed Sensing Magnetic Resonance Image Reconstruction Based on OSCAR Regularization. Journal of Imaging, 2021, 7, 58.	1.7	4

#	ARTICLE	IF	CITATIONS
986	The Magnet Is Sometimes "Off" – Practical Strategies for Optimizing Challenging Musculoskeletal MR Imaging. <i>Current Problems in Diagnostic Radiology</i> , 2021, 51, 392-392.	0.6	1
987	Pediatric Lung MRI: Currently Available and Emerging Techniques. <i>American Journal of Roentgenology</i> , 2021, 216, 781-790.	1.0	19
988	Whole-brain amide CEST imaging at 3T with a steady-state radial MRI acquisition. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 893-906.	1.9	26
989	MC ² -Net: motion correction network for multi-contrast brain MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1077-1092.	1.9	16
990	Editorial for "Diagnostic Performance of Single-Shot FLAIR With Wide Inversion Recovery Pulse Designed to Reduce Cerebrospinal Fluid and Motion Artifacts for Evaluation of Uncooperative Patients in Acute Stroke Protocol". <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1839-1840.	1.9	0
991	Free-breathing radial stack-of-stars three-dimensional Dixon gradient echo sequence in abdominal magnetic resonance imaging in sedated pediatric patients. <i>Pediatric Radiology</i> , 2021, 51, 1645-1653.	1.1	7
992	Ground-truth-free deep learning for artefacts reduction in 2D radial cardiac cine MRI using a synthetically generated dataset. <i>Physics in Medicine and Biology</i> , 2021, 66, 095005.	1.6	3
993	Lipid droplet size mapping in human adipose tissue using a clinical 3T system. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1256-1270.	1.9	5
994	Neonatal body magnetic resonance imaging: preparation, performance and optimization. <i>Pediatric Radiology</i> , 2021, , 1.	1.1	4
995	Ultrasound-based sensors to monitor physiological motion. <i>Medical Physics</i> , 2021, 48, 3614-3622.	1.6	2
996	Diagnostic Performance of MRI for Esophageal Carcinoma: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2021, 299, 583-594.	3.6	21
997	Synergistic motion compensation strategies for positron emission tomography when acquired simultaneously with magnetic resonance imaging. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200207.	1.6	10
998	Control of a wireless sensor using the pulse sequence for prospective motion correction in brain MRI. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1046-1061.	1.9	1
999	Motion-robust quantitative multiparametric brain MRI with motion-resolved MR multitasking. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 102-119.	1.9	5
1000	Diagnostic abdominal MR imaging on a prototype low-field 0.55T scanner operating at two different gradient strengths. <i>Abdominal Radiology</i> , 2021, 46, 5772-5780.	1.0	15
1001	Reducing Motion Artifacts in Pelvic Oncologic Magnetic Resonance Imaging: The Quest for the Free Lunch. <i>Canadian Association of Radiologists Journal</i> , 2021, , 084653712110391.	1.1	0
1002	Radiomics feature stability of open-source software evaluated on apparent diffusion coefficient maps in head and neck cancer. <i>Scientific Reports</i> , 2021, 11, 17633.	1.6	25
1003	Comparison of prospective and retrospective motion correction in 3D-encoded neuroanatomical MRI. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 629-645.	1.9	11

#	ARTICLE	IF	CITATIONS
1004	The comparison of the efficacy of the single shot spin echo, fiesta, and propeller T 2 - weighted MRI sequences in the detection of focal liver lesions. Cukurova Medical Journal, 2021, 46, 1033-1039.	0.1	0
1005	Rapid T2-weighted turbo spin echo MultiVane brain MRI using compressed SENSE: a qualitative analysis. Clinical Radiology, 2021, 76, 786.e15-786.e22.	0.5	4
1006	Pitfalls and Artifacts of Diffusion-Weighted Imaging. , 2021, , 29-41.		0
1007	MR Imaging in the 21st Century: Technical Innovation over the First Two Decades. Magnetic Resonance in Medical Sciences, 2022, 21, 71-82.	1.1	10
1008	Clinical feasibility of single-shot fluid-attenuated inversion recovery with wide inversion recovery pulse designed to reduce cerebrospinal fluid and motion artifacts for evaluation of uncooperative patients in acute stroke protocol. Journal of Magnetic Resonance Imaging, 2021, 53, 1833-1838.	1.9	3
1009	Efficient Global Weighted Least-Squares Translation Registration in the Frequency Domain. Lecture Notes in Computer Science, 2005, , 116-124.	1.0	13
1010	Prospective Head Motion Compensation for MRI by Updating the Gradients and Radio Frequency During Data Acquisition. Lecture Notes in Computer Science, 2005, 8, 482-489.	1.0	13
1011	Real-Time and Interactive MRI. , 2014, , 193-209.		1
1012	Thermoacoustic Imaging with VHF Signal Generation: A New Contrast Mechanism for Cancer Imaging Over Large Fields of View. , 2014, , 523-557.		7
1013	Motion Aware MR Imaging via Spatial Core Correspondence. Lecture Notes in Computer Science, 2018, , 198-205.	1.0	7
1014	Isotropic MRI Super-Resolution Reconstruction with Multi-scale Gradient Field Prior. Lecture Notes in Computer Science, 2019, 11766, 3-11.	1.0	11
1015	Nonuniform Variational Network: Deep Learning for Accelerated Nonuniform MR Image Reconstruction. Lecture Notes in Computer Science, 2019, , 57-64.	1.0	9
1016	Learning a Gradient Guidance for Spatially Isotropic MRI Super-Resolution Reconstruction. Lecture Notes in Computer Science, 2020, 12262, 136-146.	1.0	13
1018	General Requirements of MRI of the Lung and Suggested Standard Protocol. Medical Radiology, 2009, , 3-16.	0.0	7
1019	SIGNAL ACQUISITION AND K-SPACE SAMPLING. , 2004, , 367-442.		12
1020	Motion artifacts reduction in brain MRI by means of a deep residual network with densely connected multi-resolution blocks (DRN-DCMB). Magnetic Resonance Imaging, 2020, 71, 69-79.	1.0	33
1021	Diagnostic Confidence and Feasibility of a Deep Learning Accelerated HASTE Sequence of the Abdomen in a Single Breath-Hold. Investigative Radiology, 2021, 56, 313-319.	3.5	52
1022	Co-Clinical Imaging Resource Program (CIRP): Bridging the Translational Divide to Advance Precision Medicine. Tomography, 2020, 6, 273-287.	0.8	11

#	ARTICLE	IF	CITATIONS
1023	Artifacts by Misalignment of Cardiac Magnetic Resonance Phased-array Coil Elements: From Simulation to In vivo Test. <i>Current Medical Imaging</i> , 2019, 15, 301-307.	0.4	1
1024	3D Magnetic Resonance Imaging of the Human Brain — Novel Radial Sampling, Filtering and Reconstruction. , 2010, , .		1
1025	Effective Performance of T1-weighted FLAIR Imaging with BLADE in Pediatric Brains. <i>Magnetic Resonance in Medical Sciences</i> , 2012, 11, 17-26.	1.1	5
1026	The Passage to Human MR Microscopy: A Progress Report from Niigata on April 2005. <i>Magnetic Resonance in Medical Sciences</i> , 2005, 4, 83-87.	1.1	9
1027	Advances in Coronary MRA from Vessel Wall to Whole Heart Imaging. <i>Magnetic Resonance in Medical Sciences</i> , 2007, 6, 157-170.	1.1	23
1028	T1-weighted MR Imaging of the Female Pelvis Using RADAR-FSE Sequence. <i>Magnetic Resonance in Medical Sciences</i> , 2009, 8, 175-180.	1.1	3
1029	Spiral 2D T2-Weighted TSE Brain MR Imaging: Initial Clinical Experience. <i>American Journal of Neuroradiology</i> , 2021, 42, 1962-1967.	1.2	1
1030	Improved Image Quality for Static BLADE Magnetic Resonance Imaging Using the Total-Variation Regularized Least Absolute Deviation Solver. <i>Tomography</i> , 2021, 7, 555-572.	0.8	2
1032	Detection of Small Hepatic Lesions: Superparamagnetic Oxide-Enhanced Diffusion-Weighted T2 FSE Imaging. , 2009, , 213-219.		0
1033	Pitfalls and Artifacts of DW Imaging. , 2009, , 23-35.		0
1035	Non-gadolinium Perfusion Technique (Arterial Spin Labeling). , 2011, , 61-69.		0
1037	Improved Image Segmentation with Prospective Motion Correction in MRI. <i>Informatik Aktuell</i> , 2012, , 27-32.	0.4	0
1041	Fundamentals of MR Imaging. , 2014, , 1-19.		1
1042	Adaptive Sampling and Non Linear Reconstruction for Cardiac Magnetic Resonance Imaging. <i>Lecture Notes in Computer Science</i> , 2014, , 24-35.	1.0	1
1043	Adaptive Sampling and Reconstruction for Sparse Magnetic Resonance Imaging. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2014, , 115-130.	0.5	4
1044	Recent Advances in Acquisition/Reconstruction Algorithms for Undersampled Magnetic Resonance Imaging. <i>Journal of Biomedical Engineering and Medical Imaging</i> , 2014, 1, .	0.1	1
1045	Standard 3.0 T MR Imaging. , 2017, , 27-46.		0
1049	A Study on Abdominal Magnetic Resonance Imaging Using Metronome. <i>Journal of the Korean Society of MR Technology</i> , 2018, 28, 11-17.	0.2	1

#	ARTICLE	IF	CITATIONS
1051	Myocardial Perfusion Cardiovascular Magnetic Resonance. , 2019, , 51-65.e2.		0
1052	Blind Rigid Motion Estimation for Arbitrary MRI Sampling Trajectories. Informatik Aktuell, 2019, , 128-133.	0.4	0
1053	The Effect Of Number Of Excitation (Nex) Variation And Blade Technique On T2 Image Quality TSE Sagittal Knee MRI. Jurnal Biosains Pascasarjana, 2020, 21, 32.	0.2	0
1054	Optimization Image Quality of Knee MRI Sagittal Plane T2 Weighted TSE Sequences with Variations of Echo Train Length (ETL) on Cartesian and Blade Technique. E3S Web of Conferences, 2020, 202, 15015.	0.2	0
1057	Special considerations for acquisition of pediatric MRI of high spatial and temporal resolution. Advances in Magnetic Resonance Technology and Applications, 2021, 2, 3-18.	0.0	0
1058	Diffusion-Weighted Imaging. , 2020, , 65-74.		0
1060	Acquisition of Diffusion MRI Data. Advances in Magnetic Resonance Technology and Applications, 2020, 1, 477-507.	0.0	0
1062	Distortion, motion artifacts and how to address them. Advances in Magnetic Resonance Technology and Applications, 2021, 2, 203-237.	0.0	0
1063	The Utilization of Immobilization Device to Reduce Motion Artifact Caused by Breathing in Upper Extremity MRI. Journal of the Korean Society of MR Technology, 2020, 30, 11-17.	0.2	1
1064	Sigma-1 Receptor Changes Observed in Chronic Pelvic Pain Patients: A Pilot PET/MRI Study. Frontiers in Pain Research, 2021, 2, 711748.	0.9	3
1065	Recent Developments and Prospects in High-Field MR. , 2006, , 117-132.		0
1066	Magnetic Resonance Measurement of Tumor Perfusion and Vascularity. , 2007, , 73-84.		2
1067	Evaluation of the Usefulness of Motion Compensation Technique Using SMART Average Technique. Journal of the Korean Society of MR Technology, 2020, 30, 7-15.	0.2	0
1068	Imaging 'the lost tribe': a review of adolescent cancer imaging. Part 1. Cancer Imaging, 2009, 9, 70-81.	1.2	0
1069	Correction of geometric distortion in Propeller echo planar imaging using a modified reversed gradient approach. Quantitative Imaging in Medicine and Surgery, 2013, 3, 73-81.	1.1	7
1070	Arachnoid cysts: the role of the BLADE technique. Hippokratia, 2016, 20, 244-248.	0.3	1
1071	Brain imaging in the unscanned pediatric patient: comparison of periodically rotated overlapping parallel lines with enhanced reconstruction and single-shot fast spin-echo sequences. American Journal of Neuroradiology, 2003, 24, 794-8.	1.2	68
1072	Joint estimation and correction of motion and geometric distortion in segmented arterial spin labeling. Magnetic Resonance in Medicine, 2022, 87, 1876-1885.	1.9	1

#	ARTICLE	IF	CITATIONS
1073	Gradient-Guided Isotropic MRI Reconstruction From Anisotropic Acquisitions. IEEE Transactions on Computational Imaging, 2021, 7, 1240-1253.	2.6	2
1074	GRASP MRI. Journal of the Society of Biomechanisms, 2021, 45, 0-13.		
1075	Motion artifacts and correction in neuro MRI. Advances in Magnetic Resonance Technology and Applications, 2021, , 53-68.	0.0	0
1076	Impact of Deep Learning Reconstruction Combined With a Sharpening Filter on Single-Shot Fast Spin-Echo T2-Weighted Magnetic Resonance Imaging of the Uterus. Investigative Radiology, 2022, 57, 379-386.	3.5	7
1077	Correlating the Radiological Assessment of Patient Motion with the Incidence of Repeat Sequences Documented by Log Files. Current Problems in Diagnostic Radiology, 2022, 51, 534-539.	0.6	3
1078	MRI-Compatible Soft Robotic Sensing Pad for Head Motion Detection. IEEE Robotics and Automation Letters, 2022, 7, 3632-3639.	3.3	6
1079	Evaluation of motion artifacts in brain magnetic resonance images using convolutional neural network-based prediction of full-reference image quality assessment metrics. Journal of Medical Imaging, 2022, 9, 015502.	0.8	1
1080	Group feature selection for enhancing information gain in MRI reconstruction. Physics in Medicine and Biology, 2022, 67, 045011.	1.6	4
1081	High Resolution MR Imaging of the Testis Using a Small Radiofrequency Coil. Magnetic Resonance in Medical Sciences, 2022, , .	1.1	0
1084	Cardiac MR: From Theory to Practice. Frontiers in Cardiovascular Medicine, 2022, 9, 826283.	1.1	18
1085	Improved neonatal brain MRI segmentation by interpolation of motion corrupted slices. Journal of Neuroimaging, 2022, 32, 480-492.	1.0	1
1086	How Machine Learning is Powering Neuroimaging to Improve Brain Health. Neuroinformatics, 2022, 20, 943-964.	1.5	13
1087	Improved free-breathing liver fat and iron quantification using a 2D chemical shift-encoded MRI with flip angle modulation and motion-corrected averaging. European Radiology, 2022, 32, 5458-5467.	2.3	1
1088	Motion corrected silent ZTE neuroimaging. Magnetic Resonance in Medicine, 2022, 88, 195-210.	1.9	6
1089	Rigid real-time prospective motion-corrected three-dimensional multiparametric mapping of the human brain. NeuroImage, 2022, 255, 119176.	2.1	5
1090	NeuroMix: A single-scan brain exam. Magnetic Resonance in Medicine, 2022, 87, 2178-2193.	1.9	6
1093	Combining navigator and optical prospective motion correction for high-quality 500 μ m resolution quantitative multi-parameter mapping at 7T. Magnetic Resonance in Medicine, 2022, 88, 787-801.	1.9	12
1094	Free-breathing magnetic resonance imaging with radial k-space sampling for neonates and infants to reduce anesthesia. Pediatric Radiology, 2022, 52, 1326-1337.	1.1	5

#	ARTICLE	IF	CITATIONS
1096	Cranial vault imaging for pediatric head trauma using a radial VIBE MRI sequence. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 30, 113-118.	0.8	1
1099	Leaders: Learnable Deep Radial Subsampling for Mri Reconstruction. , 2022, , .		0
1100	Practical Aspects of novel MRI Techniques in Neuroradiology: Part 1â€“3D Acquisitions, Dixon Techniques and Artefact Reduction. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2022, 194, 1100-1108.	0.7	3
1102	Joint Retrospective Motion Correction and Reconstruction for Brain MRI With a Reference Contrast. <i>IEEE Transactions on Computational Imaging</i> , 2022, 8, 490-504.	2.6	3
1104	Application of Modified Restricted Boltzmann Machine (mRBM) for denoising of motion-artifacted MRI scans. , 2022, , .		0
1105	Deepâ€“learning synthesized pseudoâ€“CT</scp> for <scp>MR</scp> highâ€“resolution pediatric cranial bone imaging (<scp>MRâ€“HiPCB</scp>). <i>Magnetic Resonance in Medicine</i> , 2022, 88, 2285-2297.	1.9	7
1106	Real-time MRI motion estimation through an unsupervised k-space-driven deformable registration network (KS-RegNet). <i>Physics in Medicine and Biology</i> , 2022, 67, 135012.	1.6	6
1107	Image quality improvement and motion degradation reduction in shoulder MR imaging: comparison of BLADE and rectilinear techniques at 3-Tesla scanning. <i>Skeletal Radiology</i> , 2022, 51, 2291-2297.	1.2	1
1108	Dual-domain self-supervised learning for accelerated non-Cartesian MRI reconstruction. <i>Medical Image Analysis</i> , 2022, 81, 102538.	7.0	11
1109	A joint linear reconstruction for multishot diffusion weighted nonâ€“Carrâ€“Purcellâ€“Meiboomâ€“Gill fast spin echo with full signal. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 2139-2156.	1.9	1
1110	Accelerated 3D T2-weighted images using compressed sensing for pediatric brain imaging. <i>Neuroradiology</i> , 0, , .	1.1	2
1111	Choreography Controlled (ChoCo) brain MRI artifact generation for labeled motion-corrupted datasets. <i>Physica Medica</i> , 2022, 102, 79-87.	0.4	0
1112	Introductory magnetic resonance imaging physics. , 2022, , 173-183.		0
1113	Learning Optimal K-space Acquisition and Reconstruction using Physics-Informed Neural Networks. , 2022, , .		4
1114	T2 Turbo Spin Echo With Compressed Sensing and Propeller Acquisition (Sampling k-Space by Utilizing) Tj ETQq0 0,0 rgBT /Qverlock 10 3,5 5		
1115	Motion robust magnetic resonance imaging via efficient Fourier aggregation. <i>Medical Image Analysis</i> , 2023, 83, 102638.	7.0	0
1116	Motion correction in MR image for analysis of VSRAD using generative adversarial network. <i>PLoS ONE</i> , 2022, 17, e0274576.	1.1	3
1117	Application of deep learningâ€“based image reconstruction in MR imaging of the shoulder joint to improve image quality and reduce scan time. <i>European Radiology</i> , 2023, 33, 1513-1525.	2.3	11

#	ARTICLE	IF	CITATIONS
1118	Clinically feasible B_1 field correction for multi-organ sodium imaging at 3T. NMR in Biomedicine, 2023, 36, .	1.6	4
1119	Advancements in Gradient System Performance for Clinical and Research MRI. Journal of Magnetic Resonance Imaging, 2023, 57, 57-70.	1.9	7
1120	The Reconstruction Method Using Compressed Sensing and Convolutional Neural Network for PROPELLER MRI in Head. , 2021, , .		1
1121	An initial study on the comparison of diagnostic performance of 18F-FDG PET/MR and 18F-FDG PET/CT for thoracic staging of non-small cell lung cancer: Focus on pleural invasion. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2023, 42, 16-23.	0.1	1
1122	Movement-related artefacts (MR-ART) dataset of matched motion-corrupted and clean structural MRI brain scans. Scientific Data, 2022, 9, .	2.4	16
1123	Motion-corrected 4D-Flow MRI for neurovascular applications. NeuroImage, 2022, 264, 119711.	2.1	3
1124	Cardiac imaging. Advances in Magnetic Resonance Technology and Applications, 2023, , 383-417.	0.0	0
1125	Body imaging. Advances in Magnetic Resonance Technology and Applications, 2023, , 351-370.	0.0	0
1126	MR Spectroscopy (MRS), Chemical Exchange Saturation Transfer (CEST), and Magnetization Transfer (MT). Advances in Magnetic Resonance Technology and Applications, 2023, , 421-432.	0.0	0
1127	MR motion correction in musculoskeletal imaging. Advances in Magnetic Resonance Technology and Applications, 2023, , 371-382.	0.0	0
1128	Image-space navigators. Advances in Magnetic Resonance Technology and Applications, 2023, , 225-236.	0.0	0
1129	Why do patients move?. Advances in Magnetic Resonance Technology and Applications, 2023, , 3-12.	0.0	0
1130	Motion-robust MR imaging of the shoulder using compressed SENSE MultiVane. European Journal of Radiology Open, 2022, 9, 100450.	0.7	1
1131	Motion-Corrected Reconstruction. Advances in Magnetic Resonance Technology and Applications, 2022, , 355-389.	0.0	0
1132	Simultaneous Multislice Reconstruction. Advances in Magnetic Resonance Technology and Applications, 2022, , 159-187.	0.0	0
1133	Non-Cartesian MRI Reconstruction. Advances in Magnetic Resonance Technology and Applications, 2022, , 73-103.	0.0	2
1135	A novel anthropomorphic breathing phantom with a pneumatic MR-safe actuator for tissue deformation studies during MRI and radiotherapy. Physica Medica, 2022, 104, 43-55.	0.4	1
1136	Magnetic resonance imaging in neonates: a practical approach to optimize image quality and increase diagnostic yield. Pediatric Radiology, 0, , .	1.1	0

#	ARTICLE	IF	CITATIONS
1138	Motion artifact reduction for magnetic resonance imaging with deep learning and k-space analysis. PLoS ONE, 2023, 18, e0278668.	1.1	7
1139	14. Evaluation of Motion Correction and Development of Brain-phantom. Japanese Journal of Radiological Technology, 2023, 79, 71-77.	0.0	0
1140	Clinical Evaluation of Scout Accelerated Motion Estimation and Reduction Technique for 3D MR Imaging in the Inpatient and Emergency Department Settings. American Journal of Neuroradiology, 2023, 44, 125-133.	1.2	1
1141	Model-free cluster analysis for multi-b-value diffusion-weighted imaging of the inferior alveolar nerve. Journal of Oral and Maxillofacial Radiology, 2023, 11, 16.	0.2	0
1142	Examination of Reacquisition Mode in Readout-segmented EPI during the Body Motion. Japanese Journal of Radiological Technology, 2023, , .	0.0	0
1143	Multi-parametric MRI for radiotherapy simulation. Medical Physics, 2023, 50, 5273-5293.	1.6	3
1145	Motion guidance lines for robust data consistency-based retrospective motion correction in 2D and 3D MRI. Magnetic Resonance in Medicine, 2023, 89, 1777-1790.	1.9	4
1146	MPRAVE : IR-prepared T ₁ -Weighted Radial Stack-of-Stars 3D GRE imaging with retrospective motion correction. Magnetic Resonance in Medicine, 0, , .	1.9	0
1148	VALUE OF PERIODICALLY ROTATED OVERLAPPING PARALLEL LINES WITH ENHANCED RECONSTRUCTION TECHNIQUE COMPARED TO T2 WEIGHTED TURBO SPIN ECHO SEQUENCE ON ROTATOR CUFF INJURIES IN MRI SHOULDER.., 2023, , 71-73.		0
1149	Feasibility of online radial magnetic resonance imaging for adaptive radiotherapy of pancreatic tumors. Physics and Imaging in Radiation Oncology, 2023, 26, 100434.	1.2	0
1150	Comparison of deep learning-based reconstruction of PROPELLER Shoulder MRI with conventional reconstruction. Skeletal Radiology, 2023, 52, 1545-1555.	1.2	6
1151	Stochastic optimization of three-dimensional non-Cartesian sampling trajectory. Magnetic Resonance in Medicine, 2023, 90, 417-431.	1.9	4
1153	fMRI Scanning Methods. , 2023, , 473-484.		0
1155	Physical Principles of Non-gadolinium Perfusion Technique (Arterial Spin Labeling). , 2023, , 35-46.		0
1165	Motion correction. Advances in Magnetic Resonance Technology and Applications, 2023, , 161-171.	0.0	0
1166	Motion compensation strategies. Advances in Magnetic Resonance Technology and Applications, 2023, , 197-209.	0.0	0
1175	Managing Motion in Kidney MRI. , 2023, , 47-57.		0