

# Jaco J M Zwanenburg

## List of Publications by Year in descending order

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133  
papers

5,445  
citations

81743

39  
h-index

98622

67  
g-index

138  
all docs

138  
docs citations

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times ranked

6943  
citing authors

#	ARTICLE	IF	CITATIONS
1	Histopathology of Cerebral Microinfarcts and Microbleeds in Spontaneous Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2023, 14, 174-184.	2.3	6
2	Blood Flow Velocity Pulsatility and Arterial Diameter Pulsatility Measurements of the Intracranial Arteries Using 4D PC-MRI. <i>Neuroinformatics</i> , 2022, 20, 317-326.	1.5	2
3	Does the Internal Carotid Artery Attenuate Blood Flow Pulsatility in Small Vessel Disease? A 7T 4D Flow MRI Study. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 527-535.	1.9	10
4	Pulsatility Index in the Basal Ganglia Arteries Increases with Age in Elderly with and without Cerebral Small Vessel Disease. <i>American Journal of Neuroradiology</i> , 2022, 43, 540-546.	1.2	6
5	Dynamic brain ADC variations over the cardiac cycle and their relation to tissue strain assessed with DENSE at high-field MRI. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 266-279.	1.9	6
6	Automatic quantification of perivascular spaces in T2-weighted images at 7 T MRI. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100142.	0.4	6
7	Non-invasive Assessment of Damping of Blood Flow Velocity Pulsatility in Cerebral Arteries With MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 1785-1794.	1.9	14
8	Perforating artery flow velocity and pulsatility in patients with carotid occlusive disease. A 7 tesla MRI study. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100143.	0.4	2
9	Arterial Remodeling of the Intracranial Arteries in Patients With Hypertension and Controls. <i>Hypertension</i> , 2021, 77, 135-146.	1.3	5
10	Subvoxel vessel wall thickness measurements of the intracranial arteries using a convolutional neural network. <i>Medical Image Analysis</i> , 2021, 67, 101818.	7.0	7
11	Automated Assessment of Cerebral Arterial Perforator Function on 7T MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 234-241.	1.9	13
12	Zooming in on cerebral small vessel function in small vessel diseases with 7T MRI: Rationale and design of the "ZOOM@SVDs" study. <i>Cerebral Circulation - Cognition and Behavior</i> , 2021, 2, 100013.	0.4	8
13	An anomaly detection approach to identify chronic brain infarcts on MRI. <i>Scientific Reports</i> , 2021, 11, 7714.	1.6	33
14	Double delay alternating with nutation for tailored excitation facilitates banding-free isotropic high-resolution intracranial vessel wall imaging. <i>NMR in Biomedicine</i> , 2021, 34, e4567.	1.6	3
15	Strain Tensor Imaging: Cardiac-induced brain tissue deformation in humans quantified with high-field MRI. <i>NeuroImage</i> , 2021, 236, 118078.	2.1	7
16	Pulsatility Attenuation along the Carotid Siphon in Pseudoxanthoma Elasticum. <i>American Journal of Neuroradiology</i> , 2021, 42, 2030-2033.	1.2	1
17	Detecting low blood concentrations in joints using T1 and T2 mapping at 1.5, 3, and 7 T: an in vitro study. <i>European Radiology Experimental</i> , 2021, 5, 51.	1.7	5
18	Microbleeds colocalize with enlarged juxtacortical perivascular spaces in amnesic mild cognitive impairment and early Alzheimer's disease: A 7 Tesla MRI study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 739-746.	2.4	23

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19	Validating faster DENSE measurements of cardiac-induced brain tissue expansion as a potential tool for investigating cerebral microvascular pulsations. <i>NeuroImage</i> , 2020, 208, 116466.	2.1	21
20	Velocity Pulsatility and Arterial Distensibility Along the Internal Carotid Artery. <i>Journal of the American Heart Association</i> , 2020, 9, e016883.	1.6	14
21	Cardiac and respiration-induced brain deformations in humans quantified with high-field MRI. <i>NeuroImage</i> , 2020, 210, 116581.	2.1	38
22	Inter-patient variations in flow boundary conditions at middle cerebral artery from 7T PC-MRI and influence on Computational Fluid Dynamics of intracranial aneurysms. <i>Computers in Biology and Medicine</i> , 2020, 120, 103759.	3.9	16
23	Phase contrast MRI measurements of net cerebrospinal fluid flow through the cerebral aqueduct are confounded by respiration. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 433-444.	1.9	48
24	Intracranial Vessel Wall Magnetic Resonance Imaging Does Not Allow for Accurate and Precise Wall Thickness Measurements. <i>Stroke</i> , 2019, 50, e283-e284.	1.0	8
25	Higher Pulsatility in Cerebral Perforating Arteries in Patients With Small Vessel Disease Related Stroke, a 7T MRI Study. <i>Stroke</i> , 2019, 50, 62-68.	1.0	65
26	Quantifying cardiac-induced brain tissue expansion using DENSE. <i>NMR in Biomedicine</i> , 2019, 32, e4050.	1.6	28
27	Branching Pattern of the Cerebral Arterial Tree. <i>Anatomical Record</i> , 2019, 302, 1434-1446.	0.8	11
28	Subvoxel vessel wall thickness measurements from vessel wall MR images. , 2019, , .		0
29	Quantification of Intracranial Aneurysm Volume Pulsation with 7T MRI. <i>American Journal of Neuroradiology</i> , 2018, 39, 713-719.	1.2	8
30	T2 mapping of cerebrospinal fluid: 3T versus 7T. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 415-424.	1.1	33
31	Vascular reactivity in small cerebral perforating arteries with 7T phase contrast MRI – A proof of concept study. <i>NeuroImage</i> , 2018, 172, 470-477.	2.1	13
32	Comparison of 3T Intracranial Vessel Wall MRI Sequences. <i>American Journal of Neuroradiology</i> , 2018, 39, 1112-1120.	1.2	12
33	Automated Multi-Atlas Segmentation of Hippocampal and Extrahippocampal Subregions in Alzheimer's Disease at 3T and 7T: What Atlas Composition Works Best?. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 217-225.	1.2	11
34	White matter hyperintensity shape and location feature analysis on brain MRI; proof of principle study in patients with diabetes. <i>Scientific Reports</i> , 2018, 8, 1893.	1.6	39
35	Increased Rather than Decreased Small Vessel Pulsatility in Patients with Progressing Cerebral White Matter Hyperintensities. <i>Radiology</i> , 2018, 286, 363-364.	3.6	0
36	Diagnostic Ability of CT to Help Differentiate Stenosis of 30% in Patients with Atrial Fibrillation. <i>Radiology</i> , 2018, 286, 361-363.	3.6	0

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37	The Use and Pitfalls of Intracranial Vessel Wall Imaging: How We Do It. <i>Radiology</i> , 2018, 286, 12-28.	3.6	152
38	Ex Vivo vessel wall thickness measurements of the human circle of Willis using 7T MRI. <i>Atherosclerosis</i> , 2018, 273, 106-114.	0.4	27
39	Clinical vascular imaging in the brain at 7 T. <i>NeuroImage</i> , 2018, 168, 452-458.	2.1	38
40	Better and faster velocity pulsatility assessment in cerebral white matter perforating arteries with 7T quantitative flow MRI through improved slice profile, acquisition scheme, and postprocessing. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1473-1482.	1.9	34
41	High resolution 7T and 9.4T-MRI of human cerebral arterial casts enables accurate estimations of the cerebrovascular morphometry. <i>Scientific Reports</i> , 2018, 8, 14235.	1.6	5
42	Detailed view on slow sinusoidal, hemodynamic oscillations on the human brain cortex by Fourier transforming oxy/deoxy hyperspectral images. <i>Human Brain Mapping</i> , 2018, 39, 3558-3573.	1.9	18
43	Data on vessel wall thickness measurements of intracranial arteries derived from human circle of Willis specimens. <i>Data in Brief</i> , 2018, 19, 6-12.	0.5	15
44	Endogenous assessment of diffuse myocardial fibrosis in patients with T1 $\rho$ -mapping. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 132-138.	1.9	30
45	High-resolution intracranial vessel wall MRI in an elderly asymptomatic population: comparison of 3T and 7T. <i>European Radiology</i> , 2017, 27, 1585-1595.	2.3	59
46	Quantitative T1 mapping under precisely controlled graded hyperoxia at 7T. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1461-1469.	2.4	13
47	Abnormalities of Cerebral Deep Medullary Veins on 7 Tesla MRI in Amnesic Mild Cognitive Impairment and Early Alzheimer's Disease: A Pilot Study. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 705-710.	1.2	38
48	Targeting Cerebral Small Vessel Disease With MRI. <i>Stroke</i> , 2017, 48, 3175-3182.	1.0	52
49	Detecting Intracranial Vessel Wall Lesions With 7T-Magnetic Resonance Imaging. <i>Stroke</i> , 2017, 48, 2601-2604.	1.0	20
50	Single Breath-Hold T1 $\rho$ -Mapping of the Heart for Endogenous Assessment of Myocardial Fibrosis. <i>Investigative Radiology</i> , 2016, 51, 505-512.	3.5	17
51	Automated Hippocampal Subfield Segmentation at 7T MRI. <i>American Journal of Neuroradiology</i> , 2016, 37, 1050-1057.	1.2	66
52	Perivascular spaces on 7 Tesla brain MRI are related to markers of small vessel disease but not to age or cardiovascular risk factors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1708-1717.	2.4	38
53	Cerebrospinal fluid volumetric MRI mapping as a simple measurement for evaluating brain atrophy. <i>European Radiology</i> , 2016, 26, 1254-1262.	2.3	14
54	Quantitative Intracranial Atherosclerotic Plaque Characterization at 7T MRI: An Ex Vivo Study with Histologic Validation. <i>American Journal of Neuroradiology</i> , 2016, 37, 802-810.	1.2	34

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55	Myelin contrast across lamina at 7T, ex-vivo and in-vivo dataset. Data in Brief, 2016, 8, 990-1003.	0.5	9
56	Thinner Regions of Intracranial Aneurysm Wall Correlate with Regions of Higher Wall Shear Stress: A 7T MRI Study. American Journal of Neuroradiology, 2016, 37, 1310-1317.	1.2	40
57	7 tesla T2*-weighted MRI as a tool to improve detection of focal cortical dysplasia. Epileptic Disorders, 2016, 18, 315-323.	0.7	30
58	Assessment of blood flow velocity and pulsatility in cerebral perforating arteries with 7T quantitative flow MRI. NMR in Biomedicine, 2016, 29, 1295-1304.	1.6	91
59	Cover Image, Volume 29, Issue 9. NMR in Biomedicine, 2016, 29, i-i.	1.6	0
60	7-T MRI in Cerebrovascular Diseases. Topics in Magnetic Resonance Imaging, 2016, 25, 89-100.	0.7	21
61	Quantification of deep medullary veins at 7 T brain MRI. European Radiology, 2016, 26, 3412-3418.	2.3	27
62	Lines of Baillarger in vivo and ex vivo: Myelin contrast across lamina at 7 T MRI and histology. NeuroImage, 2016, 133, 163-175.	2.1	66
63	Cerebral amyloid angiopathy severity is linked to dilation of juxtacortical perivascular spaces. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 576-580.	2.4	76
64	Relations between location and type of intracranial atherosclerosis and parenchymal damage. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1271-1280.	2.4	11
65	Increased cortical grey matter lesion detection in multiple sclerosis with 7 T MRI: a post-mortem verification study. Brain, 2016, 139, 1472-1481.	3.7	133
66	Qualitative Evaluation of a High-Resolution 3D Multi-Sequence Intracranial Vessel Wall Protocol at 3 Tesla MRI. PLoS ONE, 2016, 11, e0160781.	1.1	12
67	Hippocampal Disconnection in Early Alzheimer's Disease: A 7 Tesla MRI Study. Journal of Alzheimer's Disease, 2015, 45, 1247-1256.	1.2	37
68	Assessing Cortical Cerebral Microinfarcts on High Resolution MR Images. Journal of Visualized Experiments, 2015, , .	0.2	16
69	High-Resolution Postcontrast Time-of-Flight MR Angiography of Intracranial Perforators at 7.0 Tesla. PLoS ONE, 2015, 10, e0121051.	1.1	37
70	Assessment of Myocardial Fibrosis in Mice Using a T2*-Weighted 3D Radial Magnetic Resonance Imaging Sequence. PLoS ONE, 2015, 10, e0129899.	1.1	19
71	Automated detection of periventricular veins on 7 T brain MRI. Proceedings of SPIE, 2015, , .	0.8	2
72	MRI of the carotid artery at 7 Tesla: Quantitative comparison with 3 Tesla. Journal of Magnetic Resonance Imaging, 2015, 41, 773-780.	1.9	26

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73	Endogenous contrast MRI of cardiac fibrosis: Beyond late gadolinium enhancement. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1181-1189.	1.9	30
74	Major depressive episodes over the course of 7 years and hippocampal subfield volumes at 7 tesla MRI: The PREDICT-MR study. <i>Journal of Affective Disorders</i> , 2015, 175, 1-7.	2.0	39
75	Distribution and natural course of intracranial vessel wall lesions in patients with ischemic stroke or TIA at 7.0 tesla MRI. <i>European Radiology</i> , 2015, 25, 1692-1700.	2.3	22
76	The Spectrum of MR Detectable Cortical Microinfarcts: A Classification Study with 7-Tesla Postmortem MRI and Histopathology. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 676-683.	2.4	54
77	Imaging the Intracranial Atherosclerotic Vessel Wall Using 7T MRI: Initial Comparison with Histopathology. <i>American Journal of Neuroradiology</i> , 2015, 36, 694-701.	1.2	70
78	Cerebral Lesions on 7 Tesla MRI in Patients with Sickle Cell Anemia. <i>Cerebrovascular Diseases</i> , 2015, 39, 181-189.	0.8	20
79	FLAIR images at 7 Tesla MRI highlight the ependyma and the outer layers of the cerebral cortex. <i>NeuroImage</i> , 2015, 104, 100-109.	2.1	13
80	Perivascular spaces in MS patients at 7 Tesla MRI: A marker of neurodegeneration?. <i>Multiple Sclerosis Journal</i> , 2015, 21, 155-162.	1.4	50
81	7.0 T MRI Detection of Cerebral Microinfarcts in Patients with a Symptomatic High-Grade Carotid artery Stenosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1715-1719.	2.4	18
82	Ischaemic Cavities in the Cerebellum: An ex vivo 7-Tesla MRI Study with Pathological Correlation. <i>Cerebrovascular Diseases</i> , 2014, 38, 17-23.	0.8	13
83	Endogenous assessment of chronic myocardial infarction with T1 $\rho$ -mapping in patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 104.	1.6	32
84	Seven-Tesla Magnetic Resonance Imaging of Atherosclerotic Plaque in the Significantly Stenosed Carotid Artery. <i>Investigative Radiology</i> , 2014, 49, 749-757.	3.5	13
85	Visualization of Perivascular Spaces and Perforating Arteries With 7 T Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2014, 49, 307-313.	3.5	102
86	Visualization of the Aneurysm Wall. <i>Neurosurgery</i> , 2014, 75, 614-622.	0.6	55
87	Advances in MRI for Elective Treatment of Lymph Nodes and Cranial Nerves in Head and Neck Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, S570-S571.	0.4	0
88	Imaging Intracranial Vessel Wall Pathology With Magnetic Resonance Imaging. <i>Circulation</i> , 2014, 130, 192-201.	1.6	143
89	High Resolution Imaging of Cerebral Small Vessel Disease with 7 T MRI. <i>Acta Neurochirurgica Supplementum</i> , 2014, 119, 125-130.	0.5	6
90	Quantification and visualization of flow in the Circle of Willis: Time-resolved three-dimensional phase contrast MRI at 7 T compared with 3 T. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 868-876.	1.9	58

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91	High-resolution MRI of the carotid arteries using a leaky waveguide transmitter and a high-density receive array at 7 T. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1186-1193.	1.9	31
92	Multi-sequence whole-brain intracranial vessel wall imaging at 7.0 tesla. <i>European Radiology</i> , 2013, 23, 2996-3004.	2.3	59
93	Ultra-High-Field MR Imaging. <i>PET Clinics</i> , 2013, 8, 311-328.	1.5	5
94	<i>In Vivo</i> Detection of Cerebral Cortical Microinfarcts with High-Resolution 7T MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 322-329.	2.4	177
95	Clinical application of multi-contrast 7-T MR imaging in multiple sclerosis: increased lesion detection compared to 3T confined to grey matter. <i>European Radiology</i> , 2013, 23, 528-540.	2.3	64
96	Clinical applications of 7T MRI in the brain. <i>European Journal of Radiology</i> , 2013, 82, 708-718.	1.2	219
97	Multicontrast MR Imaging at 7T in Multiple Sclerosis: Highest Lesion Detection in Cortical Gray Matter with 3D-FLAIR. <i>American Journal of Neuroradiology</i> , 2013, 34, 791-796.	1.2	57
98	Cerebral Small Vessel Disease In Patients With Sickle Cell Disease: Initial Findings With Ultra-High Field 7T MRI. <i>Blood</i> , 2013, 122, 1011-1011.	0.6	2
99	Generalized Multiple-Layer Appearance of the Cerebral Cortex with 3D FLAIR 7.0-T MR Imaging. <i>Radiology</i> , 2012, 262, 995-1001.	3.6	22
100	Subfields of the hippocampal formation at 7T MRI: In vivo volumetric assessment. <i>NeuroImage</i> , 2012, 61, 1043-1049.	2.1	160
101	High Prevalence of Cerebral Microbleeds at 7Tesla MRI in Patients with Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 31, 259-263.	1.2	78
102	Adiabatic turbo spin echo in human applications at 7 T. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 580-587.	1.9	16
103	Lesion detection at seven Tesla in multiple sclerosis using magnetisation prepared 3D-FLAIR and 3D-DIR. <i>European Radiology</i> , 2012, 22, 221-231.	2.3	73
104	Cerebral Microbleeds on MR Imaging: Comparison between 1.5 and 7T. <i>American Journal of Neuroradiology</i> , 2011, 32, 1043-1049.	1.2	85
105	Fast high resolution whole brain T2* weighted imaging using echo planar imaging at 7T. <i>NeuroImage</i> , 2011, 56, 1902-1907.	2.1	59
106	Direct detection of myocardial fibrosis by MRI. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 974-979.	0.9	39
107	Single shot MR tagging to quantify local tissue deformation during MRI-guided needle interventions: A feasibility study. <i>Medical Physics</i> , 2011, 38, 5321-5329.	1.6	2
108	Characterization of ex vivo healthy human axillary lymph nodes with high resolution 7 Tesla MRI. <i>European Radiology</i> , 2011, 21, 310-317.	2.3	23

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109	Dissected Sentinel Lymph Nodes of Breast Cancer Patients: Characterization with High-Spatial-Resolution 7-T MR Imaging. <i>Radiology</i> , 2011, 261, 127-135.	3.6	35
110	Vasodilatory Capacity of the Cerebral Vasculature in Patients with Carotid Artery Stenosis. <i>American Journal of Neuroradiology</i> , 2011, 32, 1030-1033.	1.2	20
111	Intracranial Vessel Wall Imaging at 7.0-T MRI. <i>Stroke</i> , 2011, 42, 2478-2484.	1.0	123
112	Fluid attenuated inversion recovery (FLAIR) MRI at 7.0 Tesla: comparison with 1.5 and 3.0 Tesla. <i>European Radiology</i> , 2010, 20, 915-922.	2.3	58
113	Visualization of cerebral microbleeds with dual-echo T2*-weighted magnetic resonance imaging at 7.0 T. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 52-59.	1.9	40
114	High-resolution magnetization-prepared 3D-FLAIR imaging at 7.0 Tesla. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 194-202.	1.9	101
115	Hypertensive cerebral hemorrhage. <i>Neurology</i> , 2010, 75, 572-573.	1.5	16
116	Perforating arteries originating from the posterior communicating artery: a 7.0-Tesla MRI study. <i>European Radiology</i> , 2009, 19, 2986-2992.	2.3	40
117	MR angiography of the cerebral perforating arteries with magnetization prepared anatomical reference at 7T: Comparison with time-of-flight. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1519-1526.	1.9	65
118	FID sampling superior to spin-echo sampling for T <sub>2</sub> -based quantification of holmium-loaded microspheres: Theory and experiment. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 1466-1476.	1.9	18
119	Interventricular Mechanical Asynchrony in Pulmonary Arterial Hypertension. <i>Journal of the American College of Cardiology</i> , 2008, 51, 750-757.	1.2	364
120	Noninvasive Depiction of the Lenticulostriate Arteries with Time-of-Flight MR Angiography at 7.0 T. <i>Cerebrovascular Diseases</i> , 2008, 26, 624-629.	0.8	52
121	Quantitative comparison of 2D and 3D circumferential strain using MRI tagging in normal and LBBB hearts. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 485-493.	1.9	11
122	Mechanical dyssynchrony or myocardial shortening as MRI predictor of response to biventricular pacing?. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 1452-1460.	1.9	29
123	The effect of left bundle branch block on left ventricular remodeling, dyssynchrony and deformation of the mitral valve apparatus: an observational cardiovascular magnetic resonance imaging study. <i>International Journal of Cardiovascular Imaging</i> , 2007, 23, 529-536.	0.7	25
124	Myocardial Strain and Torsion Quantified by Cardiovascular Magnetic Resonance Tissue Tagging. <i>Journal of the American College of Cardiology</i> , 2006, 48, 2002-2011.	1.2	189
125	Regional heterogeneity of resting perfusion in hypertrophic cardiomyopathy is related to delayed contrast enhancement but not to systolic function: A PET and MRI study. <i>Journal of Nuclear Cardiology</i> , 2006, 13, 660-667.	1.4	35
126	Extended harmonic phase tracking of myocardial motion: Improved coverage of myocardium and its effect on strain results. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 682-690.	1.9	35



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127	DENSE and HARP: Two views on the same technique of phase-based strain imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 1432-1438.	1.9	34
128	Does Myocardial Fibrosis Hinder Contractile Function and Perfusion in Idiopathic Dilated Cardiomyopathy? PET and MR Imaging Study. <i>Radiology</i> , 2006, 240, 380-388.	3.6	51
129	Correction of phase offset errors in main pulmonary artery flow quantification. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 22, 73-79.	1.9	89
130	Regional timing of myocardial shortening is related to prestretch from atrial contraction: assessment by high temporal resolution MRI tagging in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H787-H794.	1.5	27
131	Propagation of Onset and PeakTime of Myocardial Shortening in Time of Myocardial Shortening in Ischemic Versus Nonischemic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2005, 46, 2215-2222.	1.2	51
132	Timing of cardiac contraction in humans mapped by high-temporal-resolution MRI tagging: early onset and late peak of shortening in lateral wall. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H1872-H1880.	1.5	104
133	Steady-state free precession with myocardial tagging: CSPAMM in a single breathhold. <i>Magnetic Resonance in Medicine</i> , 2003, 49, 722-730.	1.9	79