

Jie Zheng

List of Publications by Year in descending order

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122
papers

3,171
citations

159525

30
h-index

182361

51
g-index

123
all docs

123
docs citations

123
times ranked

3708
citing authors

#	ARTICLE	IF	CITATIONS
1	Microcirculation of intramyocardial hemorrhage caused by reperfused myocardial infarctions with ultrasmall superparamagnetic iron oxide cardiac magnetic resonance imaging. <i>Acta Radiologica</i> , 2022, 63, 1469-1474.	0.5	3
2	Image-based biomechanical modeling for coronary atherosclerotic plaque progression and vulnerability prediction. <i>International Journal of Cardiology</i> , 2022, 352, 1-8.	0.8	6
3	Analysis of Stable Chelate-free Gadolinium Loaded Titanium Dioxide Nanoparticles for MRI-Guided Radionuclide Stimulated Cancer Treatment. <i>Current Analytical Chemistry</i> , 2022, 18, 826-835.	0.6	1
4	Noncontrast T1 ρ -dispersion imaging is sensitive to diffuse fibrosis: A cardiovascular magnetic resonance study at 3T in hypertrophic cardiomyopathy. <i>Magnetic Resonance Imaging</i> , 2022, 91, 1-8.	1.0	8
5	Compact \langle sc \rangle MR \rangle -compatible ergometer and its application in cardiac \langle sc \rangle MR \rangle under exercise stress: A preliminary study. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 1927-1936.	1.9	3
6	Quantification of myocardial oxygen extraction fraction: A proof-of-concept study. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3318-3325.	1.9	2
7	Multi-patient study for coronary vulnerable plaque model comparisons: 2D/3D and fluid-structure interaction simulations. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 1383-1397.	1.4	4
8	Pilot study of contrast-free MRI reveals significantly impaired calf skeletal muscle perfusion in diabetes with incompressible peripheral arteries. <i>Vascular Medicine</i> , 2021, 26, 367-373.	0.8	2
9	Predicting plaque vulnerability change using intravascular ultrasound+optical coherence tomography image-based fluid-structure interaction models and machine learning methods with patient follow-up data: a feasibility study. <i>BioMedical Engineering OnLine</i> , 2021, 20, 34.	1.3	10
10	Deteriorated regional calf microcirculation measured by contrast-free MRI in patients with diabetes mellitus and relation with physical activity. <i>Diabetes and Vascular Disease Research</i> , 2021, 18, 147916412110290.	0.9	6
11	Year 1 of the Bundled Payments for Care Improvement-Advanced Model. <i>New England Journal of Medicine</i> , 2021, 385, 618-627.	13.9	14
12	Synthesis of Biomimetic Melanin-Like Multifunctional Nanoparticles for pH Responsive Magnetic Resonance Imaging and Photothermal Therapy. <i>Nanomaterials</i> , 2021, 11, 2107.	1.9	4
13	Using Optical Coherence Tomography and Intravascular Ultrasound Imaging to Quantify Coronary Plaque Cap Stress/Strain and Progression: A Follow-Up Study Using 3D Thin-Layer Models. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 713525.	2.0	11
14	Low-dose dobutamine cardiovascular magnetic resonance segmental strain study of early phase of intramyocardial hemorrhage rats. <i>BMC Medical Imaging</i> , 2021, 21, 173.	1.4	0
15	Prognosis in patients with coronary heart disease and breath-holding limitations: a free-breathing cardiac magnetic resonance protocol at 3.0T. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 580.	0.7	1
16	Using optical coherence tomography and intravascular ultrasound imaging to quantify coronary plaque cap thickness and vulnerability: a pilot study. <i>BioMedical Engineering OnLine</i> , 2020, 19, 90.	1.3	10
17	Using intravascular ultrasound image-based fluid-structure interaction models and machine learning methods to predict human coronary plaque vulnerability change. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 1267-1276.	0.9	8
18	Liver extracellular volume fraction values obtained with magnetic resonance imaging can quantitatively stage liver fibrosis: a validation study in monkeys with nonalcoholic steatohepatitis. <i>European Radiology</i> , 2020, 30, 5748-5757.	2.3	2

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19	CCR2 Positron Emission Tomography for the Assessment of Abdominal Aortic Aneurysm Inflammation and Rupture Prediction. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009889.	1.3	28
20	⁶⁴ Cu-ATSM Positron Emission Tomography/Magnetic Resonance Imaging of Hypoxia in Human Atherosclerosis. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009791.	1.3	13
21	Evaluating the correlation of the impairment between skeletal muscle and heart using MRI in a spontaneous type 2 diabetes mellitus rhesus monkey model. <i>Acta Diabetologica</i> , 2020, 57, 673-679.	1.2	3
22	Human Recombinant Apyrase Therapy Protects Against Myocardial Ischemia/Reperfusion Injury and Preserves Left Ventricular Systolic Function in Rats, as Evaluated by 7T Cardiovascular Magnetic Resonance Imaging. <i>Korean Journal of Radiology</i> , 2020, 21, 647.	1.5	7
23	MR extracellular volume mapping and non-contrast T1 ρ -mapping allow early detection of myocardial fibrosis in diabetic monkeys. <i>European Radiology</i> , 2019, 29, 3006-3016.	2.3	22
24	A Multimodality Image-Based Fluid-Structure Interaction Modeling Approach for Prediction of Coronary Plaque Progression Using IVUS and Optical Coherence Tomography Data With Follow-Up. <i>Journal of Biomechanical Engineering</i> , 2019, 141, .	0.6	10
25	Multi-factor decision-making strategy for better coronary plaque burden increase prediction: a patient-specific 3D FSI study using IVUS follow-up data. <i>Biomechanics and Modeling in Mechanobiology</i> , 2019, 18, 1269-1280.	1.4	9
26	Injectable, thermosensitive, fast gelation, bioeliminable, and oxygen sensitive hydrogels. <i>Materials Science and Engineering C</i> , 2019, 99, 1191-1198.	3.8	6
27	Diffusion Tensor Imaging of the Calf Muscles in Subjects With and Without Diabetes Mellitus. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1285-1295.	1.9	9
28	Intravenous contrast-free standardized exercise perfusion imaging in diabetic feet with ulcers. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 474-480.	1.9	19
29	In Vivo Intravascular Ultrasound-Based 3D Thin-Walled Model for Human Coronary Plaque Progression Study: Transforming Research to Potential Commercialization. <i>International Journal of Computational Methods</i> , 2019, 16, 1842011.	0.8	3
30	A Machine Learning-Based Method for Intracoronary OCT Segmentation and Vulnerable Coronary Plaque Cap Thickness Quantification. <i>International Journal of Computational Methods</i> , 2019, 16, 1842008.	0.8	15
31	Cardiac Positron Emission Tomography-Magnetic Resonance Imaging. <i>Journal of Thoracic Imaging</i> , 2018, 33, 139-146.	0.8	8
32	Fluid-structure interaction models based on patient-specific IVUS at baseline and follow-up for prediction of coronary plaque progression by morphological and biomechanical factors: A preliminary study. <i>Journal of Biomechanics</i> , 2018, 68, 43-50.	0.9	19
33	2D/3D CMR tissue tracking versus CMR tagging in the assessment of spontaneous T2DM rhesus monkeys with isolated diastolic dysfunction. <i>BMC Medical Imaging</i> , 2018, 18, 47.	1.4	9
34	Self-Gated Late Gadolinium Enhancement at 7T to Image Rats with Reperfused Acute Myocardial Infarction. <i>Korean Journal of Radiology</i> , 2018, 19, 247.	1.5	8
35	Blood-Brain Barrier Disruption and Perivascular Beta-Amyloid Accumulation in the Brain of Aged Rats with Spontaneous Hypertension: Evaluation with Dynamic Contrast-Enhanced Magnetic Resonance Imaging. <i>Korean Journal of Radiology</i> , 2018, 19, 498.	1.5	22
36	Combining IVUS and Optical Coherence Tomography for More Accurate Coronary Cap Thickness Quantification and Stress/Strain Calculations: A Patient-Specific Three-Dimensional Fluid-Structure Interaction Modeling Approach. <i>Journal of Biomechanical Engineering</i> , 2018, 140, .	0.6	26

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37	Abstract 646: A Simple Multi-Risk-Factor Decision-Making Strategy for Improved Coronary Plaque Burden Increase Prediction: a Patient-Specific 3D FSI Study Using IVUS Follow-up. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	1.1	0
38	Effects of Residual Stress, Axial Stretch, and Circumferential Shrinkage on Coronary Plaque Stress and Strain Calculations: A Modeling Study Using IVUS-Based Near-Idealized Geometries. <i>Journal of Biomechanical Engineering</i> , 2017, 139, .	0.6	8
39	Cardiac Applications of PET/MR Imaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2017, 25, 325-333.	0.6	15
40	A non-contrast CMR index for assessing myocardial fibrosis. <i>Magnetic Resonance Imaging</i> , 2017, 42, 69-73.	1.0	17
41	Use of low-dose computed tomography to assess pulmonary tuberculosis among healthcare workers in a tuberculosis hospital. <i>Infectious Diseases of Poverty</i> , 2017, 6, 68.	1.5	15
42	Cap inflammation leads to higher plaque cap strain and lower cap stress: An MRI-PET/CT-based FSI modeling approach. <i>Journal of Biomechanics</i> , 2017, 50, 121-129.	0.9	28
43	Stiffness Properties of Adventitia, Media, and Full Thickness Human Atherosclerotic Carotid Arteries in the Axial and Circumferential Directions. <i>Journal of Biomechanical Engineering</i> , 2017, 139, .	0.6	17
44	Quantify patient-specific coronary material property and its impact on stress/strain calculations using in vivo IVUS data and 3D FSI models: a pilot study. <i>Biomechanics and Modeling in Mechanobiology</i> , 2017, 16, 333-344.	1.4	33
45	The quantification of blood-brain barrier disruption using dynamic contrast-enhanced magnetic resonance imaging in aging rhesus monkeys with spontaneous type 2 diabetes mellitus. <i>NeuroImage</i> , 2017, 158, 480-487.	2.1	36
46	Disease-specific cardiovascular positron emission tomography/magnetic resonance imaging: a brief review of the current literature. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016, 6, 297-307.	1.1	3
47	Evaluation of the Differences of Myocardial Fibers between Acute and Chronic Myocardial Infarction: Application of Diffusion Tensor Magnetic Resonance Imaging in a Rhesus Monkey Model. <i>Korean Journal of Radiology</i> , 2016, 17, 725.	1.5	3
48	Dynamic Diffusion Tensor Imaging Reveals Structural Changes in the Bilateral Pyramidal Tracts after Brain Stem Hemorrhage in Rats. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 33.	0.9	3
49	T_2 mapping at 7T MRI can quantitatively assess intramyocardial hemorrhage in rats with acute reperfused myocardial infarction in vivo. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 194-203.	1.9	8
50	3D MRI-based multicomponent thin layer structure only plaque models for atherosclerotic plaques. <i>Journal of Biomechanics</i> , 2016, 49, 2726-2733.	0.9	20
51	PET/MRI of Hypoxic Atherosclerosis Using ^{64}Cu -ATSM in a Rabbit Model. <i>Journal of Nuclear Medicine</i> , 2016, 57, 2006-2011.	2.8	41
52	Oximetric angiosome imaging in diabetic feet. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, spcone-spcone.	1.9	0
53	Oximetric angiosome imaging in diabetic feet. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 940-946.	1.9	7
54	Lack of significant improvements in long-term allograft survival in pediatric solid organ transplantation: A US national registry analysis. <i>Pediatric Transplantation</i> , 2015, 19, 477-483.	0.5	38

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55	Across all solid organs, adolescent age recipients have worse transplant organ survival than younger age children: A <scp>US</scp> national registry analysis. <i>Pediatric Transplantation</i> , 2015, 19, 471-476.	0.5	62
56	Endogenous contrast T1rho cardiac magnetic resonance for myocardial fibrosis in hypertrophic cardiomyopathy patients. <i>Journal of Cardiology</i> , 2015, 66, 520-526.	0.8	34
57	Vitamin D Levels Are Unrelated to the Severity of Respiratory Syncytial Virus Bronchiolitis Among Hospitalized Infants. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2015, 4, 182-188.	0.6	27
58	Myocardial Hypoxia in Dilated Cardiomyopathy: Is it Just a Matter of Supply and Demand?. <i>Circulation: Heart Failure</i> , 2015, 8, 1011-1013.	1.6	2
59	Non-contrast MRI perfusion angiosome in diabetic feet. <i>European Radiology</i> , 2015, 25, 99-105.	2.3	13
60	Assessment of myocardial edema and area at risk in a rat model of myocardial infarction with a faster T2 mapping method. <i>Acta Radiologica</i> , 2015, 56, 1085-1090.	0.5	8
61	Morphological and Stress Vulnerability Indices for Human Coronary Plaques and Their Correlations with Cap Thickness and Lipid Percent: An IVUS-Based Fluid-Structure Interaction Multi-patient Study. <i>PLoS Computational Biology</i> , 2015, 11, e1004652.	1.5	28
62	Pooled Sequencing of Candidate Genes Implicates Rare Variants in the Development of Asthma Following Severe RSV Bronchiolitis in Infancy. <i>PLoS ONE</i> , 2015, 10, e0142649.	1.1	10
63	Abstract 379: Introducing Stress-Based Quantitative Plaque Vulnerability Index for Patients with Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	1.1	0
64	Noncontrast skeletal muscle oximetry. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 318-325.	1.9	34
65	Effects of cognitive training with and without aerobic exercise on cognitively demanding everyday activities.. <i>Psychology and Aging</i> , 2014, 29, 717-730.	1.4	58
66	Higher critical plaque wall stress in patients who died of coronary artery disease compared with those who died of other causes: A 3D FSI study based on ex vivo MRI of coronary plaques. <i>Journal of Biomechanics</i> , 2014, 47, 432-437.	0.9	14
67	Image-based modeling for better understanding and assessment of atherosclerotic plaque progression and vulnerability: Data, modeling, validation, uncertainty and predictions. <i>Journal of Biomechanics</i> , 2014, 47, 834-846.	0.9	59
68	A pilot study of regional perfusion and oxygenation in calf muscles of individuals with diabetes with a noninvasive measure. <i>Journal of Vascular Surgery</i> , 2014, 59, 419-426.	0.6	26
69	Longitudinal Changes in Airway Remodeling and Air Trapping in Severe Asthma. <i>Academic Radiology</i> , 2014, 21, 986-993.	1.3	40
70	Quantitative and Semiquantitative Measures of Regional Pulmonary Microvascular Perfusion by Magnetic Resonance Imaging and Their Relationships to Global Lung Perfusion and Lung Diffusing Capacity. <i>Investigative Radiology</i> , 2013, 48, 223-230.	3.5	42
71	Accurate Measurement of Small Airways on Low-Dose Thoracic CT Scans in Smokers. <i>Chest</i> , 2013, 143, 1321-1329.	0.4	22
72	Assessment of myocardial oxygenation with MRI. <i>Quantitative Imaging in Medicine and Surgery</i> , 2013, 3, 67-72.	1.1	1

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73	In Hypertrophic Cardiomyopathy Reduction of Relative Resting Myocardial Blood Flow Is Related to Late Enhancement, T2-Signal and LV Wall Thickness. PLoS ONE, 2012, 7, e41974.	1.1	12
74	Negative Correlation of Wall Thickness With Wall Blood Pressure in a Patient-Specific Atherosclerotic Coronary Artery: A Case Report. , 2012, .		0
75	Myocardial Oxygenation Imaging: New Methods for Ischemia Detection. Current Cardiovascular Imaging Reports, 2011, 4, 159-164.	0.4	0
76	T ₂ preparation method for measuring hyperemic myocardial O ₂ consumption: in vivo validation by positron emission tomography. Journal of Magnetic Resonance Imaging, 2011, 33, 320-327.	1.9	1
77	Right and Left Ventricular Myocardial Perfusion Reserves Correlate with Right Ventricular Function and Pulmonary Hemodynamics in Patients with Pulmonary Arterial Hypertension. Radiology, 2011, 258, 119-127.	3.6	107
78	Roles of myocardial blood volume and flow in coronary artery disease: an experimental MRI study at rest and during hyperemia. European Radiology, 2010, 20, 2005-2012.	2.3	26
79	Cardiac ¹⁷ O MRI: Toward direct quantification of myocardial oxygen consumption. Magnetic Resonance in Medicine, 2010, 63, 1442-1447.	1.9	21
80	Improvement of hyperemic myocardial oxygen extraction fraction estimation by a diffusion-prepared sequence. Magnetic Resonance in Medicine, 2010, 63, 1675-1682.	1.9	2
81	Quantification of global myocardial oxygenation in humans: initial experience. Journal of Cardiovascular Magnetic Resonance, 2010, 12, 34.	1.6	14
82	Quantification of Regional Myocardial Oxygenation by Magnetic Resonance Imaging. Circulation: Cardiovascular Imaging, 2010, 3, 41-46.	1.3	32
83	Moyamoya Phenomenon Secondary to Intracranial Atherosclerotic Disease: Diagnosis by 3T Magnetic Resonance Imaging. Journal of Neuroimaging, 2009, 19, 381-384.	1.0	13
84	MRI-based biomechanical imaging: initial study on early plaque progression and vessel remodeling. Magnetic Resonance Imaging, 2009, 27, 1309-1318.	1.0	8
85	Myocardial Blood Volume Is Associated With Myocardial Oxygen Consumption. JACC: Cardiovascular Imaging, 2009, 2, 1313-1320.	2.3	31
86	Resting myocardial perfusion quantification with CMR arterial spin labeling at 1.5 T and 3.0 T. Journal of Cardiovascular Magnetic Resonance, 2008, 10, 53.	1.6	34
87	111 Detection of changes in myocardial blood flow and volume: a CMR study in a canine model of coronary artery stenosis. Journal of Cardiovascular Magnetic Resonance, 2008, 10, .	1.6	0
88	1090 Black-blood myocardial T2 and oxygenation imaging using a diffusion-weighted prepared sequence. Journal of Cardiovascular Magnetic Resonance, 2008, 10, A215.	1.6	0
89	139 Determination of myocardial OEF with a CMR method in a stenotic dog study. Journal of Cardiovascular Magnetic Resonance, 2008, 10, A40.	1.6	0
90	231 Alternation of myocardial oxygen consumption during hyperemia: detection with a CMR method. Journal of Cardiovascular Magnetic Resonance, 2008, 10, .	1.6	0

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91	Fast mapping of myocardial blood flow with MR first-pass perfusion imaging. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 1394-1400.	1.9	37
92	Feasibility study of myocardial perfusion and oxygenation by noncontrast MRI: comparison with PET study in a canine model. <i>Magnetic Resonance Imaging</i> , 2008, 26, 11-19.	1.0	22
93	Cytokine response after severe respiratory syncytial virus bronchiolitis in early life. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 726-733.e3.	1.5	43
94	Targeted Contrast Agent Helps to Monitor Advanced Plaque During Progression: A Magnetic Resonance Imaging Study in Rabbits. <i>Investigative Radiology</i> , 2008, 43, 49-55.	3.5	25
95	Airway Remodeling Measured by Multidetector CT Is Increased in Severe Asthma and Correlates With Pathology. <i>Chest</i> , 2008, 134, 1183-1191.	0.4	260
96	Quantification of Myocardial Blood Volume During Dipyridamole and Dobutamine Stress: A Perfusion CMR Study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007, 9, 785-792.	1.6	28
97	Concurrent multimodality image segmentation by active contours for radiotherapy treatment	1.6	107
98	Assessment of myocardial oxygen extraction fraction and perfusion reserve with BOLD imaging in a canine model with coronary artery stenosis. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 72-79.	1.9	14
99	Gadocoletic Acid Trisodium Salt (B22956/1). <i>Investigative Radiology</i> , 2006, 41, 279-291.	3.5	48
100	Improvement of quantification of myocardial first-pass perfusion mapping: A temporal and spatial wavelet denoising method. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 439-445.	1.9	21
101	Single-Session Magnetic Resonance Coronary Angiography and Myocardial Perfusion Imaging Using the New Blood Pool Compound B-22956 (Gadocoletic Acid). <i>Investigative Radiology</i> , 2005, 40, 604-613.	3.5	17
102	Accurate myocardial T1 measurements: Toward quantification of myocardial blood flow with arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 1135-1142.	1.9	40
103	Quantitative assessment of coronary artery plaque vulnerability by high-resolution magnetic resonance imaging and computational biomechanics: A pilot study ex vivo. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 1360-1368.	1.9	28
104	Local Maximal Stress Hypothesis and Computational Plaque Vulnerability Index for Atherosclerotic Plaque Assessment. <i>Annals of Biomedical Engineering</i> , 2005, 33, 1789-1801.	1.3	108
105	Quantifying Effects of Plaque Structure and Material Properties on Stress Distributions in Human Atherosclerotic Plaques Using 3D FSI Models. <i>Journal of Biomechanical Engineering</i> , 2005, 127, 1185-1194.	0.6	114
106	Feasibility of combining MR perfusion, angiography, and ³ He ventilation imaging for evaluation of lung function in a porcine model. <i>Academic Radiology</i> , 2005, 12, 202-209.	1.3	13
107	3D MRI-Based Multicomponent FSI Models for Atherosclerotic Plaques. <i>Annals of Biomedical Engineering</i> , 2004, 32, 947-960.	1.3	196
108	Relationship of apparent myocardial T2 and oxygenation: Towards quantification of myocardial oxygen extraction fraction. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 20, 233-241.	1.9	19

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109	Dynamic estimation of the myocardial oxygen extraction ratio during dipyridamole stress by MRI: A preliminary study in canines. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 718-726.	1.9	27
110	Effect of Stenosis Asymmetry on Blood Flow and Artery Compression: A Three-Dimensional Fluid-Structure Interaction Model. <i>Annals of Biomedical Engineering</i> , 2003, 31, 1182-1193.	1.3	111
111	Combined MR proton lung perfusion/angiography and helium ventilation: Potential for detecting pulmonary emboli and ventilation defects. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 433-438.	1.9	36
112	Altered Left Ventricular Geometry Changes the Border Zone Temporal Distribution of Stress in an Experimental Model of Left Ventricular Aneurysm: A Finite Element Model Study. <i>Circulation</i> , 2002, 106, .	1.6	20
113	Coronary artery imaging using contrast-enhanced 3D segmented EPI. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 676-681.	1.9	28
114	Contrast-enhanced coronary MR angiography: Relationship between coronary artery delineation and blood T1. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 348-354.	1.9	15
115	Three-dimensional MR pulmonary perfusion imaging and angiography with an injection of a new blood pool contrast agent B-22956/1. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 425-432.	1.9	23
116	Assessment of regional differences in myocardial blood flow using T2-weighted 3D BOLD imaging. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 573-578.	1.9	42
117	Coronary artery imaging: 3D segmented k-space data acquisition with multiple breath-holds and real-time slab following. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 301-307.	1.9	35
118	Contrast-enhanced MR Imaging of Coronary Arteries: Comparison of Intra- and Extravascular Contrast Agents in Swine. <i>Radiology</i> , 2001, 218, 670-678.	3.6	73
119	Coronary Arteries: Magnetization-prepared Contrast-enhanced Three-dimensional Volume-targeted Breath-hold MR Angiography. <i>Radiology</i> , 2001, 219, 270-277.	3.6	119
120	Accuracy of T1 measurements at high temporal resolution: Feasibility of dynamic measurement of blood T1 after contrast administration. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 576-581.	1.9	27
121	Efficacy of slow infusion of gadolinium contrast agent in three-dimensional MR coronary artery imaging. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 800-805.	1.9	33
122	Three-Dimensional Gadolinium-Enhanced Coronary Magnetic Resonance Angiography: Initial Experience. <i>Journal of Cardiovascular Magnetic Resonance</i> , 1999, 1, 33-41.	1.6	38