

Orlando P Simonetti

List of Publications by Year in descending order

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Version: 2024-02-01

138
papers

14,278
citations

71061

41
h-index

19726

117
g-index

143
all docs

143
docs citations

143
times ranked

9968
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic Value of Stress Cardiac Magnetic Resonance in Patients With Known Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 60-71.	2.3	10
2	Sustainable low-field cardiovascular magnetic resonance in changing healthcare systems. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, e246-e260.	0.5	17
3	Evidence-based cardiovascular magnetic resonance cost-effectiveness calculator for the detection of significant coronary artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 1.	1.6	15
4	T2 mapping in myocardial disease: a comprehensive review. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, .	1.6	52
5	Cardiovascular Imaging in Cardio-Oncology. <i>Heart Failure Clinics</i> , 2022, 18, 455-478.	1.0	2
6	Cardiovascular Magnetic Resonance Findings in Competitive Athletes Recovering From COVID-19 Infection. <i>JAMA Cardiology</i> , 2021, 6, 116-118.	3.0	361
7	Fully self-gated whole-heart 4D flow imaging from a 5-minute scan. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1222-1236.	1.9	12
8	Prospective correction of patient-specific respiratory motion in myocardial T ₁ and T ₂ mapping. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 855-867.	1.9	4
9	The Effects of a 6-Week Controlled, Hypocaloric Ketogenic Diet, With and Without Exogenous Ketone Salts, on Body Composition Responses. <i>Frontiers in Nutrition</i> , 2021, 8, 618520.	1.6	16
10	Prevalence of Clinical and Subclinical Myocarditis in Competitive Athletes With Recent SARS-CoV-2 Infection. <i>JAMA Cardiology</i> , 2021, 6, 1078.	3.0	244
11	Stress CMR in patients with obesity: insights from the Stress CMR Perfusion Imaging in the United States (SPINS) registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 518-527.	0.5	16
12	Cartesian sampling with Variable density and Adjustable temporal resolution (CAVA). <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2015-2025.	1.9	5
13	Unmasking Arrhythmogenic Hubs of Reentry Driving Persistent Atrial Fibrillation for Patient-specific Treatment. <i>Journal of the American Heart Association</i> , 2020, 9, e017789.	1.6	18
14	Imaging of Clinically Unrecognized Myocardial Fibrosis in Patients With Suspected Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020, 76, 945-957.	1.2	36
15	Prognostic Value of Stress CMR Perfusion Imaging in Patients With Reduced Left Ventricular Function. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2132-2145.	2.3	17
16	Evaluation of Stress Cardiac Magnetic Resonance Imaging in Risk Reclassification of Patients With Suspected Coronary Artery Disease. <i>JAMA Cardiology</i> , 2020, 5, 1401.	3.0	23
17	Lower Ischemic Heart Disease Diagnostic Costs With Treadmill Stress CMR Versus SPECT. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1840-1842.	2.3	6
18	Evaluation of dyspnea of unknown etiology in HIV patients with cardiopulmonary exercise testing and cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 74.	1.6	7

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19	Exercise cardiovascular magnetic resonance: development, current utility and future applications. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 65.	1.6	34
20	Society for Cardiovascular Magnetic Resonance (SCMR) recommended CMR protocols for scanning patients with active or convalescent phase COVID-19 infection. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 61.	1.6	63
21	Assessment of cardiac function, blood flow and myocardial tissue relaxation parameters at 0.35 T. <i>NMR in Biomedicine</i> , 2020, 33, e4317.	1.6	13
22	Multimodality Cardiac Imaging in the Era of Emerging Cancer Therapies. <i>Journal of the American Heart Association</i> , 2020, 9, e013755.	1.6	37
23	Patientâ€Adaptive Magnetic Resonance Oximetry: Comparison With Invasive Catheter Measurement of Blood Oxygen Saturation in Patients With Cardiovascular Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1449-1459.	1.9	5
24	A multi-vendor, multi-center study on reproducibility and comparability of fast strain-encoded cardiovascular magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 899-911.	0.7	13
25	Cost-Effectiveness Analysis of Stress Cardiovascular Magnetic Resonance Imaging for Stable Chest Pain Syndromes. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1505-1517.	2.3	58
26	Dietary carbohydrate restriction improves metabolic syndrome independent of weight loss. <i>JCI Insight</i> , 2019, 4, .	2.3	141
27	Cardiac Magnetic Resonance Stress Perfusion Imaging for Evaluation of Patients Withâ€Chestâ€Pain. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1741-1755.	1.2	177
28	A method to correct background phase offset for phaseâ€contrast MRI in the presence of steady flow and spatial wrapâ€around artifact. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2424-2438.	1.9	6
29	Sparsity adaptive reconstruction for highly accelerated cardiac MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3875-3887.	1.9	9
30	Extended Ketogenic Diet and Physical Training Intervention in Military Personnel. <i>Military Medicine</i> , 2019, 184, e538-e547.	0.4	38
31	Letter to the Editor: Exercise MRI in healthy individualsâ€”will the outlier please stand up?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 316, R298-R399.	0.9	1
32	Patient specific prospective respiratory motion correction for efficient, freeâ€breathing cardiovascular MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3662-3674.	1.9	11
33	Mitral annular velocity measurement with cardiac magnetic resonance imaging using a novel annular tracking algorithm: Validation against echocardiography. <i>Magnetic Resonance Imaging</i> , 2019, 55, 72-80.	1.0	11
34	Estimation of myocardial fibrosis in humans with dual energy CT. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 315-318.	0.7	14
35	A Bayesian approach for 4D flow imaging of aortic valve in a single breathâ€hold. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 811-824.	1.9	12
36	Quantification of Human Central Adipose Tissue Depots: An Anatomically Matched Comparison Between DXA and MRI. <i>Tomography</i> , 2019, 5, 358-366.	0.8	9

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37	Non-contrast estimation of diffuse myocardial fibrosis with dual energy CT: A phantom study. Journal of Cardiovascular Computed Tomography, 2018, 12, 74-80.	0.7	9
38	Human Atrial Fibrillation Drivers Resolved With Integrated Functional and Structural Imaging to Benefit Clinical Mapping. JACC: Clinical Electrophysiology, 2018, 4, 1501-1515.	1.3	51
39	The growth and evolution of cardiovascular magnetic resonance: a 20-year history of the Society for Cardiovascular Magnetic Resonance (SCMR) annual scientific sessions. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 8.	1.6	12
40	Fast implementation for compressive recovery of highly accelerated cardiac cine MRI using the balanced sparse model. Magnetic Resonance in Medicine, 2017, 77, 1505-1515.	1.9	16
41	Novel application of 3D contrast-enhanced CMR to define fibrotic structure of the human sinoatrial node in vivo. European Heart Journal Cardiovascular Imaging, 2017, 18, 862-869.	0.5	35
42	Low-Field Cardiac Magnetic Resonance Imaging. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	31
43	CMR-based blood oximetry via multi-parametric estimation using multiple T2 measurements. Journal of Cardiovascular Magnetic Resonance, 2017, 19, 88.	1.6	20
44	Graded Maximal Exercise Testing to Assess Mouse Cardio-Metabolic Phenotypes. PLoS ONE, 2016, 11, e0148010.	1.1	58
45	A Bayesian model for highly accelerated phase-contrast MRI. Magnetic Resonance in Medicine, 2016, 76, 689-701.	1.9	12
46	Cardiopulmonary exercise testing in the MRI environment. Physiological Measurement, 2016, 37, N11-N25.	1.2	15
47	Cardiovascular Magnetic Resonance in Patients With Magnetic Resonance-Conditional Cardiac Implantable Electronic Devices. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	10
48	Diagnostic Performance of Treadmill Exercise Cardiac Magnetic Resonance: The Prospective, Multicenter Exercise CMR's Accuracy for Cardiovascular Stress Testing (EXACT) Trial. Journal of the American Heart Association, 2016, 5, .	1.6	42
49	Venous oxygen saturation estimation from multiple T2 maps with varying inter-echo spacing. Journal of Cardiovascular Magnetic Resonance, 2016, 18, W29.	1.6	1
50	Human sinoatrial node structure: 3D microanatomy of sinoatrial conduction pathways. Progress in Biophysics and Molecular Biology, 2016, 120, 164-178.	1.4	81
51	Quantification of aortic stenosis diagnostic parameters: comparison of fast 3 direction and 1 direction phase contrast CMR and transthoracic echocardiography. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 35.	1.6	17
52	Rapid assessment of quantitative T_1 , T_2 and T_2^* in lower extremity muscles in response to maximal treadmill exercise. NMR in Biomedicine, 2015, 28, 998-1008.	1.6	39
53	Free-breathing myocardial T_2^* mapping using GRE-EPI and automatic Non-rigid motion correction. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 113.	1.6	17
54	Reproducibility of thoracic and abdominal aortic wall measurements with three-dimensional, variable flip angle (SPACE) MRI. Journal of Magnetic Resonance Imaging, 2015, 41, 202-212.	1.9	17

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55	Cardiovascular Adaptations In Individuals Of Various Fitness Levels Following Vo2max Test Utilizing Mri-compatible Treadmill. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 741.	0.2	0
56	Edge sharpness assessment by parametric modeling: Application to magnetic resonance imaging. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2015, 44, 138-149.	0.2	30
57	Quantification of aortic stiffness using MR Elastography and its comparison to MRI-based pulse wave velocity. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 44-51.	1.9	37
58	Atrial fibrillation driven by micro-anatomic intramural re-entry revealed by simultaneous sub-epicardial and sub-endocardial optical mapping in explanted human hearts. <i>European Heart Journal</i> , 2015, 36, 2390-2401.	1.0	347
59	Paradoxical effect of the signal-to-noise ratio of GRAPPA calibration lines: A quantitative study. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 231-239.	1.9	15
60	Variable density incoherent spatiotemporal acquisition (VISTA) for highly accelerated cardiac MRI. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1266-1278.	1.9	43
61	Iron, inflammation and atherosclerosis risk in men vs. perimenopausal women. <i>Atherosclerosis</i> , 2015, 241, 249-254.	0.4	9
62	Iron and noncontrast magnetic resonance T2* as a marker of intraplaque iron in human atherosclerosis. <i>Journal of Vascular Surgery</i> , 2015, 61, 1556-1564.	0.6	8
63	Comparison of treadmill exercise stress cardiac MRI to stress echocardiography in healthy volunteers for adequacy of left ventricular endocardial wall visualization: A pilot study. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1146-1152.	1.9	20
64	Steady-state first-pass perfusion (SSFP): A new approach to 3D first-pass myocardial perfusion imaging. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 133-144.	1.9	8
65	Abstract 18945: Baseline Myocardium At-Risk Predicts Subsequent Myocardial Injury in Non ST-Segment Elevation Acute Coronary Syndrome. <i>Circulation</i> , 2014, 130, .	1.6	0
66	The importance of k-space trajectory on off-resonance artifact in segmented echo-planar imaging. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2013, 42A, 23-31.	0.2	2
67	Improved in vivo human carotid artery wall T2 estimation. <i>Magnetic Resonance Imaging</i> , 2013, 31, 44-52.	1.0	7
68	Aliskiren Effect on Plaque Progression in Established Atherosclerosis Using High Resolution 3D MRI (ALPINE): A Double-blind Placebo-Controlled Trial. <i>Journal of the American Heart Association</i> , 2013, 2, e004879.	1.6	12
69	The Asymptotic Noise Distribution in Karhunen-Loeve Transform Eigenmodes. <i>Journal of Health & Medical Informatics</i> , 2013, 04, 122.	0.2	0
70	Non-ST-Segment Elevation Acute Coronary Syndromes. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 536-546.	1.3	8
71	Self-constraint noniterative GRAPPA reconstruction with closed-form solution. <i>Medical Physics</i> , 2012, 39, 7686-7693.	1.6	3
72	Improved Detection of Myocardial Involvement in Acute Inflammatory Cardiomyopathies Using T2 Mapping. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 102-110.	1.3	279

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73	Post-interventional three-dimensional dark blood MRI in the adult with congenital heart disease. <i>International Journal of Cardiology</i> , 2012, 158, 267-271.	0.8	6
74	Simultaneous Right and Left Heart Real-Time, Free-Breathing CMR Flow Quantification Identifies Constrictive Physiology. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 15-24.	2.3	68
75	Feasibility, Accuracy, and Reproducibility of Real-Time Full-Volume 3D Transthoracic Echocardiography to Measure LV Volumes and Systolic Function. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 239-251.	2.3	108
76	MR-compatible treadmill for exercise stress cardiac magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 880-889.	1.9	39
77	Shared velocity encoding: A method to improve the temporal resolution of phase-contrast velocity measurements. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 703-710.	1.9	39
78	Myocardial λ mapping with respiratory navigator and automatic nonrigid motion correction. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1570-1578.	1.9	74
79	Assessment of carotid stenosis using three-dimensional T2-weighted dark blood imaging: Initial experience. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 449-455.	1.9	21
80	Non-rigid registration and KLT filter to improve SNR and CNR in GRE-EPI myocardial perfusion imaging. <i>Journal of Biomedical Science and Engineering</i> , 2012, 05, 871-877.	0.2	7
81	Noncontrast MRA for the Diagnosis of Vascular Diseases. <i>Cardiology Clinics</i> , 2011, 29, 341-350.	0.9	9
82	Direct T2 Quantification of Myocardial Edema in Acute Ischemic Injury. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 269-278.	2.3	306
83	A new approach to autocalibrated dynamic parallel imaging based on the Karhunen-Loève transform: KL-SENSE and KL-GRAPPA. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1786-1792.	1.9	17
84	A Modified Sesamol Derivative Inhibits Progression of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 536-542.	1.1	28
85	Design and Rationale for the Study of Changes in Iron and Atherosclerosis Risk in Perimenopause. <i>Journal of Clinical & Experimental Cardiology</i> , 2011, 02, 152.	0.0	6
86	A method to assess spatially variant noise in dynamic MR image series. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 782-789.	1.9	29
87	Magnetic field threshold for accurate electrocardiography in the MRI environment. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1586-1591.	1.9	27
88	Real-time cine and myocardial perfusion with treadmill exercise stress cardiovascular magnetic resonance in patients referred for stress SPECT. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, 41.	1.6	42
89	Cardiac Magnetic Resonance With Edema Imaging Identifies Myocardium at Risk and Predicts Worse Outcome in Patients With Non-ST-Segment Elevation Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2480-2488.	1.2	109
90	Lipoic acid effects on established atherosclerosis. <i>Life Sciences</i> , 2010, 86, 95-102.	2.0	64

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91	Gadolinium-containing phosphatidylserine liposomes for molecular imaging of atherosclerosis. <i>Journal of Lipid Research</i> , 2009, 50, 2157-2163.	2.0	77
92	Dynamic computed tomography to determine cardiac output in patients with left ventricular assist devices. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 1213-1217.	0.4	20
93	Blood Flow in a Compliant Vessel by the Immersed Boundary Method. <i>Annals of Biomedical Engineering</i> , 2009, 37, 927-942.	1.3	21
94	T2 quantification for improved detection of myocardial edema. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, 56.	1.6	555
95	The CMR Examination in Heart Failure. <i>Heart Failure Clinics</i> , 2009, 5, 283-300.	1.0	21
96	Electrical Noise in the Intraoperative Magnetic Resonance Imaging Setting. <i>Anesthesia and Analgesia</i> , 2009, 108, 181-186.	1.1	11
97	Cardiac function and myocardial perfusion immediately following maximal treadmill exercise inside the MRI room. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008, 10, 3.	1.6	43
98	Treadmill Stress Cardiac Magnetic Resonance Imaging. <i>Journal of the American College of Cardiology</i> , 2008, 52, 1884.	1.2	9
99	In Vivo Atherosclerotic Plaque Characterization Using Magnetic Susceptibility Distinguishes Symptom-Producing Plaques. <i>JACC: Cardiovascular Imaging</i> , 2008, 1, 49-57.	2.3	58
100	Technology Insight: magnetic resonance angiography for the evaluation of patients with peripheral artery disease. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2007, 4, 677-687.	3.3	19
101	Three-dimensional Black-Blood MR Imaging of Carotid Arteries with Segmented Steady-State Free Precession: Initial Experience. <i>Radiology</i> , 2007, 243, 220-228.	3.6	48
102	Tissue Diagnosis With Magnetic Resonance Imaging. <i>Circulation</i> , 2007, 116, e338.	1.6	4
103	Reduction of flow- and eddy-currents-induced image artifacts in coronary magnetic resonance angiography using a linear centric-encoding SSFP sequence. <i>Magnetic Resonance Imaging</i> , 2007, 25, 1138-1147.	1.0	15
104	Time-resolved MR Angiography with Generalized Autocalibrating Partially Parallel Acquisition and Time-resolved Echo-sharing Angiographic Technique for Hemodialysis Arteriovenous Fistulas and Grafts. <i>Journal of Vascular and Interventional Radiology</i> , 2006, 17, 1003-1009.	0.2	23
105	Cine Delayed-Enhancement MR Imaging of the Heart: Initial Experience. <i>Radiology</i> , 2006, 239, 856-862.	3.6	11
106	Technical Aspects of Pediatric CMR. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2006, 8, 581-593.	1.6	23
107	Myocardial ischemia and right ventricular dysfunction in adult patients with sickle cell disease. <i>Haematologica</i> , 2006, 91, 1329-35.	1.7	38
108	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

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109	Preliminary investigation of respiratory self-gating for free-breathing segmented cine MRI. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 159-168.	1.9	172
110	Motion-corrected free-breathing delayed enhancement imaging of myocardial infarction. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 194-200.	1.9	115
111	Myocardial Ischemia without Coronary Artery Obstruction in Patients with Sickle Cell Disease.. <i>Blood</i> , 2005, 106, 3180-3180.	0.6	0
112	MR Imaging Evaluation of Myocardial Viability in the Setting of Equivocal SPECT Results with ^{99m} Tc Sestamibi. <i>Radiology</i> , 2004, 230, 191-197.	3.6	45
113	Myocardial Infarction: Optimization of Inversion Times at Delayed Contrast-enhanced MR Imaging. <i>Radiology</i> , 2004, 233, 921-926.	3.6	91
114	Magnetic Resonance Versus Radionuclide Pharmacological Stress Perfusion Imaging for Flow-Limiting Stenoses of Varying Severity. <i>Circulation</i> , 2004, 110, 58-65.	1.6	521
115	Comparison of ECG-Gated Rectilinear vs. Real-Time Radial k-Space Sampling Schemes in Cine True-FISP Cardiac MRI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2004, 6, 793-802.	1.6	16
116	Self-gated cardiac cine MRI. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 93-102.	1.9	351
117	MR Imaging of the Heart with Cine True Fast Imaging with Steady-State Precession: Influence of Spatial and Temporal Resolutions on Left Ventricular Functional Parameters. <i>Radiology</i> , 2002, 223, 263-269.	3.6	170
118	Cardiac Function: MR Evaluation in One Breath Hold with Real-time True Fast Imaging with Steady-State Precession. <i>Radiology</i> , 2002, 222, 835-842.	3.6	146
119	Cross-sectional Magnetic Resonance Angiography Is Accurate in Predicting Degree of Carotid Stenosis. <i>Annals of Vascular Surgery</i> , 2002, 16, 266-272.	0.4	14
120	Ultrafast Flow Quantification With Segmented k-Space Magnetic Resonance Phase Velocity Mapping. <i>Annals of Biomedical Engineering</i> , 2002, 30, 120-128.	1.3	15
121	Limits of Detection of Regional Differences in Vasodilated Flow in Viable Myocardium by First-Pass Magnetic Resonance Perfusion Imaging. <i>Circulation</i> , 2001, 104, 2412-2416.	1.6	141
122	Segmented k-Space and Real-Time Cardiac Cine MR Imaging with Radial Trajectories. <i>Radiology</i> , 2001, 221, 827-836.	3.6	59
123	An Improved MR Imaging Technique for the Visualization of Myocardial Infarction. <i>Radiology</i> , 2001, 218, 215-223.	3.6	1,265
124	Theory of High-Speed MR Imaging of the Human Heart with the Selective Line Acquisition Mode. <i>Radiology</i> , 2001, 220, 540-547.	3.6	423
125	Cine MR Angiography of the Heart with Segmented True Fast Imaging with Steady-State Precession. <i>Radiology</i> , 2001, 219, 828-834.	3.6	433
126	MR Angiography of the Thoracic Aorta with an Electrocardiographically Triggered Breath-Hold Contrast-enhanced Sequence. <i>Radiographics</i> , 2000, 20, 107-120.	1.4	32

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127	The Use of Contrast-Enhanced Magnetic Resonance Imaging to Identify Reversible Myocardial Dysfunction. <i>New England Journal of Medicine</i> , 2000, 343, 1445-1453.	13.9	2,910
128	Relationship of MRI Delayed Contrast Enhancement to Irreversible Injury, Infarct Age, and Contractile Function. <i>Circulation</i> , 1999, 100, 1992-2002.	1.6	2,310
129	MRI for physiology and function: Technical advances in MRI of congenital heart disease. <i>Seminars in Roentgenology</i> , 1998, 33, 293-301.	0.2	12
130	Hypogenetic lung syndrome: Functional and anatomic evaluation with magnetic resonance imaging and magnetic resonance angiography. <i>Journal of Magnetic Resonance Imaging</i> , 1996, 6, 798-800.	1.9	9
131	Experimental confirmation of phase encoding of instantaneous derivatives of position. <i>Magnetic Resonance in Medicine</i> , 1994, 32, 77-87.	1.9	12
132	High speed bolus tagging: time resolved velocity quantification of pulsatile flow in a single breath hold. <i>Magnetic Resonance in Medicine</i> , 1994, 32, 661-667.	1.9	4
133	MRI gradient waveform design by numerical optimization. <i>Magnetic Resonance in Medicine</i> , 1993, 29, 498-504.	1.9	15
134	Signal-to-noise, resolution, and bias function analysis of asymmetric sampling with zero-padded magnitude ft reconstruction. <i>Magnetic Resonance in Medicine</i> , 1992, 27, 247-269.	1.9	22
135	Significance of the point of expansion in interpretation of gradient moments and motion sensitivity. <i>Journal of Magnetic Resonance Imaging</i> , 1991, 1, 569-577.	1.9	44
136	Theoretical aspects of motion sensitivity and compensation in echo-planar imaging. <i>Journal of Magnetic Resonance Imaging</i> , 1991, 1, 643-650.	1.9	72
137	Multiecho multimoment refocussing of motion in magnetic resonance imaging: MEM-MO-RE. <i>Magnetic Resonance Imaging</i> , 1990, 8, 535-541.	1.0	6
138	Modified gradients for motion suppression: Variable echo time and variable bandwidth. <i>Magnetic Resonance Imaging</i> , 1990, 8, 141-151.	1.0	8