Orlando P Simonetti

List of Publications by Year
in descending order

138 papers	14,278 citations	70961 41 h-index	19690 117 g-index
143 all docs	143 docs citations	143 times ranked	9968 citing authors

#	Article	IF	Citations
1	The Use of Contrast-Enhanced Magnetic Resonance Imaging to Identify Reversible Myocardial Dysfunction. New England Journal of Medicine, 2000, 343, 1445-1453.	13.9	2,910
2	Relationship of MRI Delayed Contrast Enhancement to Irreversible Injury, Infarct Age, and Contractile Function. Circulation, 1999, 100, 1992-2002.	1.6	2,310
3	An Improved MR Imaging Technique for the Visualization of Myocardial Infarction. Radiology, 2001, 218, 215-223.	3.6	1,265
4	T2 quantification for improved detection of myocardial edema. Journal of Cardiovascular Magnetic Resonance, 2009, 11, 56.	1.6	555
5	Magnetic Resonance Versus Radionuclide Pharmacological Stress Perfusion Imaging for Flow-Limiting Stenoses of Varying Severity. Circulation, 2004, 110, 58-65.	1.6	521
6	Cine MR Angiography of the Heart with Segmented True Fast Imaging with Steady-State Precession. Radiology, 2001, 219, 828-834.	3.6	433
7	Theory of High-Speed MR Imaging of the Human Heart with the Selective Line Acquisition Mode. Radiology, 2001, 220, 540-547.	3.6	423
8	Cardiovascular Magnetic Resonance Findings in Competitive Athletes Recovering From COVID-19 Infection. JAMA Cardiology, 2021, 6, 116-118.	3.0	361
9	Self-gated cardiac cine MRI. Magnetic Resonance in Medicine, 2004, 51, 93-102.	1.9	351
10	Atrial fibrillation driven by micro-anatomic intramural re-entry revealed by simultaneous sub-epicardial and sub-endocardial optical mapping in explanted human hearts. European Heart Journal, 2015, 36, 2390-2401.	1.0	347
11	Direct T2 Quantification of Myocardial Edema in Acute Ischemic Injury. JACC: Cardiovascular Imaging, 2011, 4, 269-278.	2.3	306
12	Improved Detection of Myocardial Involvement in Acute Inflammatory Cardiomyopathies Using T2 Mapping. Circulation: Cardiovascular Imaging, 2012, 5, 102-110.	1.3	279
13	Prevalence of Clinical and Subclinical Myocarditis in Competitive Athletes With Recent SARS-CoV-2 Infection. JAMA Cardiology, 2021, 6, 1078.	3.0	244
14	Cardiac Magnetic Resonance Stress Perfusion Imaging for Evaluation of Patients WithÂChestÂPain. Journal of the American College of Cardiology, 2019, 74, 1741-1755.	1.2	177
15	Preliminary investigation of respiratory self-gating for free-breathing segmented cine MRI. Magnetic Resonance in Medicine, 2005, 53, 159-168.	1.9	172
16	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. Radiology, 2002, 223, 263-269.	3.6	170
17	Cardiac Function: MR Evaluation in One Breath Hold with Real-time True Fast Imaging with Steady-State Precession. Radiology, 2002, 222, 835-842.	3.6	146
18	Limits of Detection of Regional Differences in Vasodilated Flow in Viable Myocardium by First-Pass Magnetic Resonance Perfusion Imaging. Circulation, 2001, 104, 2412-2416.	1.6	141

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19	Dietary carbohydrate restriction improves metabolic syndrome independent of weight loss. JCI Insight, 2019, 4, .	2.3	141
20	Motion-corrected free-breathing delayed enhancement imaging of myocardial infarction. Magnetic Resonance in Medicine, 2005, 53, 194-200.	1.9	115
21	Cardiac Magnetic Resonance With Edema Imaging Identifies Myocardium at Risk and Predicts Worse Outcome in Patients With Nonâ€“ST-Segment Elevation Acute Coronary Syndrome. Journal of the American College of Cardiology, 2010, 55, 2480-2488.	1.2	109
22	Feasibility, Accuracy, and Reproducibility of Real-Time Full-Volume 3D Transthoracic Echocardiography to Measure LV Volumes and Systolic Function. JACC: Cardiovascular Imaging, 2012, 5, 239-251.	2.3	108
23	Myocardial Infarction: Optimization of Inversion Times at Delayed Contrast-enhanced MR Imaging. Radiology, 2004, 233, 921-926.	3.6	91
24	Human sinoatrial node structure: 3D microanatomy of sinoatrial conduction pathways. Progress in Biophysics and Molecular Biology, 2016, 120, 164-178.	1.4	81
25	Gadolinium-containing phosphatidylserine liposomes for molecular imaging of atherosclerosis. Journal of Lipid Research, 2009, 50, 2157-2163.	2.0	77
26	Myocardial T₂ mapping with respiratory navigator and automatic nonrigid motion correction. Magnetic Resonance in Medicine, 2012, 68, 1570-1578.	1.9	74
27	Theoretical aspects of motion sensitivity and compensation in echo-planar imaging. Journal of Magnetic Resonance Imaging, 1991, 1, 643-650.	1.9	72
28	Simultaneous Right and Left Heart Real-Time, Free-Breathing CMR Flow Quantification Identifies Constrictive Physiology. JACC: Cardiovascular Imaging, 2012, 5, 15-24.	2.3	68
29	Lipoic acid effects on established atherosclerosis. Life Sciences, 2010, 86, 95-102.	2.0	64
30	Society for Cardiovascular Magnetic Resonance (SCMR) recommended CMR protocols for scanning patients with active or convalescent phase COVID-19 infection. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 61.	1.6	63
31	Segmented k-Space and Real-Time Cardiac Cine MR Imaging with Radial Trajectories. Radiology, 2001, 221, 827-836.	3.6	59
32	In Vivo Atherosclerotic Plaque Characterization Using Magnetic Susceptibility Distinguishes Symptom-Producing Plaques. JACC: Cardiovascular Imaging, 2008, 1, 49-57.	2.3	58
33	Graded Maximal Exercise Testing to Assess Mouse Cardio-Metabolic Phenotypes. PLoS ONE, 2016, 11, e0148010.	1.1	58
34	Cost-Effectiveness Analysis of Stress Cardiovascular Magnetic Resonance Imaging for Stable Chest Pain Syndromes. JACC: Cardiovascular Imaging, 2020, 13, 1505-1517.	2.3	58
35	T2 mapping in myocardial disease: a comprehensive review. Journal of Cardiovascular Magnetic Resonance, 2022, 24, .	1.6	52
36	Human Atrial Fibrillation Drivers ResolvedÂWith Integrated Functional andÂStructural Imaging to Benefit ClinicalÂMapping. JACC: Clinical Electrophysiology, 2018, 4, 1501-1515.	1.3	51

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37	Three-dimensional Black-Blood MR Imaging of Carotid Arteries with Segmented Steady-State Free Precession: Initial Experience. Radiology, 2007, 243, 220-228.	3.6	48
38	MR Imaging Evaluation of Myocardial Viability in the Setting of Equivocal SPECT Results with99mTc Sestamibi. Radiology, 2004, 230, 191-197.	3.6	45
39	Significance of the point of expansion in interpretation of gradient moments and motion sensitivity. Journal of Magnetic Resonance Imaging, 1991, 1, 569-577.	1.9	44
40	Cardiac function and myocardial perfusion immediately following maximal treadmill exercise inside the MRI room. Journal of Cardiovascular Magnetic Resonance, 2008, 10, 3.	1.6	43
41	Variable density incoherent spatiotemporal acquisition (VISTA) for highly accelerated cardiac MRI. Magnetic Resonance in Medicine, 2015, 74, 1266-1278.	1.9	43
42	Real-time cine and myocardial perfusion with treadmill exercise stress cardiovascular magnetic resonance in patients referred for stress SPECT. Journal of Cardiovascular Magnetic Resonance, 2010, 12, 41.	1.6	42
43	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
44	MRâ€compatible treadmill for exercise stress cardiac magnetic resonance imaging. Magnetic Resonance in Medicine, 2012, 67, 880-889.	1.9	39
45	Shared velocity encoding: A method to improve the temporal resolution of phaseâ€contrast velocity measurements. Magnetic Resonance in Medicine, 2012, 68, 703-710.	1.9	39
46	Rapid assessment of quantitative T₁, T₂ and T₂* in lower extremity muscles in response to maximal treadmill exercise. NMR in Biomedicine, 2015, 28, 998-1008.	1.6	39
47	Extended Ketogenic Diet and Physical Training Intervention in Military Personnel. Military Medicine, 2019, 184, e538-e547.	0.4	38
48	Myocardial ischemia and right ventricular dysfunction in adult patients with sickle cell disease. Haematologica, 2006, 91, 1329-35.	1.7	38
49	Quantification of aortic stiffness using MR Elastography and its comparison to MRIâ€based pulse wave velocity. Journal of Magnetic Resonance Imaging, 2015, 41, 44-51.	1.9	37
50	Multimodality Cardiac Imaging in the Era of Emerging Cancer Therapies. Journal of the American Heart Association, 2020, 9, e013755.	1.6	37
51	Imaging of Clinically Unrecognized Myocardial Fibrosis in Patients With Suspected Coronary Artery Disease. Journal of the American College of Cardiology, 2020, 76, 945-957.	1.2	36
52	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
53	Exercise cardiovascular magnetic resonance: development, current utility and future applications. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 65.	1.6	34
54	MR Angiography of the Thoracic Aorta with an Electrocardiographically Triggered Breath-Hold Contrast-enhanced Sequence. Radiographics, 2000, 20, 107-120.	1.4	32

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55	Low-Field Cardiac Magnetic Resonance Imaging. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	31
56	Edge sharpness assessment by parametric modeling: Application to magnetic resonance imaging. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2015, 44, 138-149.	0.2	30
57	A method to assess spatially variant noise in dynamic MR image series. Magnetic Resonance in Medicine, 2010, 63, 782-789.	1.9	29
58	A Modified Sesamol Derivative Inhibits Progression of Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 536-542.	1.1	28
59	Magnetic field threshold for accurate electrocardiography in the MRI environment. Magnetic Resonance in Medicine, 2010, 64, 1586-1591.	1.9	27
60	Time-resolved MR Angiography with Generalized Autocalibrating Partially Parallel Acquisition and Time-resolved Echo-sharing Angiographic Technique for Hemodialysis Arteriovenous Fistulas and Grafts. Journal of Vascular and Interventional Radiology, 2006, 17, 1003-1009.	0.2	23
61	Technical Aspects of Pediatric CMR. Journal of Cardiovascular Magnetic Resonance, 2006, 8, 581-593.	1.6	23
62	Evaluation of Stress Cardiac Magnetic Resonance Imaging in Risk Reclassification of Patients With Suspected Coronary Artery Disease. JAMA Cardiology, 2020, 5, 1401.	3.0	23
63	Signal-to-noise, resolution, and bias function analysis of asymmetric sampling with zero-padded magnitude ft reconstruction. Magnetic Resonance in Medicine, 1992, 27, 247-269.	1.9	22
64	Blood Flow in a Compliant Vessel by the Immersed Boundary Method. Annals of Biomedical Engineering, 2009, 37, 927-942.	1.3	21
65	The CMR Examination in Heart Failure. Heart Failure Clinics, 2009, 5, 283-300.	1.0	21
66	Assessment of carotid stenosis using threeâ€dimensional T2â€weighted dark blood imaging: Initial experience. Journal of Magnetic Resonance Imaging, 2012, 35, 449-455.	1.9	21
67	Dynamic computed tomography to determine cardiac output in patients with left ventricular assist devices. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 1213-1217.	0.4	20
68	Comparison of treadmill exercise stress cardiac MRI to stress echocardiography in healthy volunteers for adequacy of left ventricular endocardial wall visualization: A pilot study. Journal of Magnetic Resonance Imaging, 2014, 39, 1146-1152.	1.9	20
69	CMR-based blood oximetry via multi-parametric estimation using multiple T2 measurements. Journal of Cardiovascular Magnetic Resonance, 2017, 19, 88.	1.6	20
70	Technology Insight: magnetic resonance angiography for the evaluation of patients with peripheral artery disease. Nature Clinical Practice Cardiovascular Medicine, 2007, 4, 677-687.	3.3	19
71	Unmasking Arrhythmogenic Hubs of Reentry Driving Persistent Atrial Fibrillation for Patientâ€Specific Treatment. Journal of the American Heart Association, 2020, 9, e017789.	1.6	18
72	Single-Session Magnetic Resonance Coronary Angiography and Myocardial Perfusion Imaging Using the New Blood Pool Compound B-22956 (Gadocoletic Acid). Investigative Radiology, 2005, 40, 604-613.	3.5	17

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73	A new approach to autocalibrated dynamic parallel imaging based on the Karhunenâ€Loeve transform: KLâ€TSENSE and KLâ€TGRAPPA. Magnetic Resonance in Medicine, 2011, 65, 1786-1792.	1.9	17
74	Free-breathing myocardial T2* mapping using GRE-EPI and automatic Non-rigid motion correction. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 113.	1.6	17
75	Reproducibility of thoracic and abdominal aortic wall measurements with threeâ€dimensional, variable flip angle (SPACE) MRI. Journal of Magnetic Resonance Imaging, 2015, 41, 202-212.	1.9	17
76	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
77	Prognostic Value of Stress CMR Perfusion Imaging in Patients With Reduced LeftÂVentricular Function. JACC: Cardiovascular Imaging, 2020, 13, 2132-2145.	2.3	17
78	Sustainable low-field cardiovascular magnetic resonance in changing healthcare systems. European Heart Journal Cardiovascular Imaging, 2022, 23, e246-e260.	0.5	17
79	Comparison of ECG?Gated Rectilinear vs. Real?Time Radial K?Space Sampling Schemes in Cine True?FISP Cardiac MRI. Journal of Cardiovascular Magnetic Resonance, 2004, 6, 793-802.	1.6	16
80	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
81	The Effects of a 6-Week Controlled, Hypocaloric Ketogenic Diet, With and Without Exogenous Ketone Salts, on Body Composition Responses. Frontiers in Nutrition, 2021, 8, 618520.	1.6	16
82	Stress CMR in patients with obesity: insights from the Stress CMR Perfusion Imaging in the United States (SPINS) registry. European Heart Journal Cardiovascular Imaging, 2021, 22, 518-527.	0.5	16
83	MRI gradient waveform design by numerical optimization. Magnetic Resonance in Medicine, 1993, 29, 498-504.	1.9	15
84	Ultrafast Flow Quantification With Segmented k-Space Magnetic Resonance Phase Velocity Mapping. Annals of Biomedical Engineering, 2002, 30, 120-128.	1.3	15
85	Reduction of flow- and eddy-currents-induced image artifacts in coronary magnetic resonance angiography using a linear centric-encoding SSFP sequence. Magnetic Resonance Imaging, 2007, 25, 1138-1147.	1.0	15
86	Paradoxical effect of the signalâ€toâ€noise ratio of GRAPPA calibration lines: A quantitative study. Magnetic Resonance in Medicine, 2015, 74, 231-239.	1.9	15
87	Cardiopulmonary exercise testing in the MRI environment. Physiological Measurement, 2016, 37, N11-N25.	1.2	15
88	Evidence-based cardiovascular magnetic resonance cost-effectiveness calculator for the detection of significant coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 1.	1.6	15
89	Cross-sectional Magnetic Resonance Angiography Is Accurate in Predicting Degree of Carotid Stenosis. Annals of Vascular Surgery, 2002, 16, 266-272.	0.4	14
90	Estimation of myocardial fibrosis in humans with dual energy CT. Journal of Cardiovascular Computed Tomography, 2019, 13, 315-318.	0.7	14

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91	Assessment of cardiac function, blood flow and myocardial tissue relaxation parameters at 0.35 T. NMR in Biomedicine, 2020, 33, e4317.	1.6	13
92	A multi-vendor, multi-center study on reproducibility and comparability of fast strain-encoded cardiovascular magnetic resonance imaging. International Journal of Cardiovascular Imaging, 2020, 36, 899-911.	0.7	13
93	Experimental confirmation of phase encoding of instantaneous derivatives of position. Magnetic Resonance in Medicine, 1994, 32, 77-87.	1.9	12
94	MRI for physiology and function: Technical advances in MRI of congenital heart disease. Seminars in Roentgenology, 1998, 33, 293-301.	0.2	12
95	Aliskiren Effect on Plaque Progression in Established Atherosclerosis Using High Resolution 3D MRI (ALPINE): A Doubleâ€Blind Placeboâ€Controlled Trial. Journal of the American Heart Association, 2013, 2, e004879.	1.6	12
96	A Bayesian model for highly accelerated phase-contrast MRI. Magnetic Resonance in Medicine, 2016, 76, 689-701.	1.9	12
97	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
98	A Bayesian approach for 4D flow imaging of aortic valve in a single breathâ€hold. Magnetic Resonance in Medicine, 2019, 81, 811-824.	1.9	12
99	Fully selfâ€gated wholeâ€heart 4D flow imaging from a 5â€minute scan. Magnetic Resonance in Medicine, 2021, 85, 1222-1236.	1.9	12
100	Cine Delayed-Enhancement MR Imaging of the Heart: Initial Experience. Radiology, 2006, 239, 856-862.	3.6	11
101	Electrical Noise in the Intraoperative Magnetic Resonance Imaging Setting. Anesthesia and Analgesia, 2009, 108, 181-186.	1.1	11
102	Patient specific prospective respiratory motion correction for efficient, freeâ€breathing cardiovascular MRI. Magnetic Resonance in Medicine, 2019, 81, 3662-3674.	1.9	11
103	Mitral annular velocity measurement with cardiac magnetic resonance imaging using a novel annular tracking algorithm: Validation against echocardiography. Magnetic Resonance Imaging, 2019, 55, 72-80.	1.0	11
104	Cardiovascular Magnetic Resonance in Patients With Magnetic Resonanceâ€“Conditional Cardiac Implantable Electronic Devices. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	10
105	Prognostic Value of Stress Cardiac Magnetic Resonance in Patients With Known Coronary Artery Disease. JACC: Cardiovascular Imaging, 2022, 15, 60-71.	2.3	10
106	Hypogenetic lung syndrome: Functional and anatomic evaluation with magnetic resonance imaging and magnetic resonance angiography. Journal of Magnetic Resonance Imaging, 1996, 6, 798-800.	1.9	9
107	Treadmill Stress Cardiac Magnetic Resonance Imaging. Journal of the American College of Cardiology, 2008, 52, 1884.	1.2	9
108	Noncontrast MRA for the Diagnosis of Vascular Diseases. Cardiology Clinics, 2011, 29, 341-350.	0.9	9

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109	Iron, inflammation and atherosclerosis risk in men vs. perimenopausal women. Atherosclerosis, 2015, 241, 249-254.	0.4	9
110	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
111	Sparsity adaptive reconstruction for highly accelerated cardiac MRI. Magnetic Resonance in Medicine, 2019, 81, 3875-3887.	1.9	9
112	Quantification of Human Central Adipose Tissue Depots: An Anatomically Matched Comparison Between DXA and MRI. Tomography, 2019, 5, 358-366.	0.8	9
113	Modified gradients for motion suppression: Variable echo time and variable bandwidth. Magnetic Resonance Imaging, 1990, 8, 141-151.	1.0	8
114	Nonâ€“ST-Segment Elevation Acute Coronary Syndromes. Circulation: Cardiovascular Imaging, 2012, 5, 536-546.	1.3	8
115	Steadyâ€state firstâ€pass perfusion (SSFPP): A new approach to 3D firstâ€pass myocardial perfusion imaging. Magnetic Resonance in Medicine, 2014, 71, 133-144.	1.9	8
116	Iron and noncontrast magnetic resonance T2* as a marker of intraplaque iron in human atherosclerosis. Journal of Vascular Surgery, 2015, 61, 1556-1564.	0.6	8
117	Improved in vivo human carotid artery wall T2âŽ estimation. Magnetic Resonance Imaging, 2013, 31, 44-52.	1.0	7
118	Evaluation of dyspnea of unknown etiology in HIV patients with cardiopulmonary exercise testing and cardiovascular magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 74.	1.6	7
119	Non-rigid registration and KLT filter to improve SNR and CNR in GRE-EPI myocardial perfusion imaging. Journal of Biomedical Science and Engineering, 2012, 05, 871-877.	0.2	7
120	Multiecho multimoment refocussing of motion in magnetic resonance imaging: MEM-MO-RE. Magnetic Resonance Imaging, 1990, 8, 535-541.	1.0	6
121	Post-interventional three-dimensional dark blood MRI in the adult with congenital heart disease. International Journal of Cardiology, 2012, 158, 267-271.	0.8	6
122	A method to correct background phase offset for phaseâ€contrast MRI in the presence of steady flow and spatial wrapâ€around artifact. Magnetic Resonance in Medicine, 2019, 81, 2424-2438.	1.9	6
123	Lower Ischemic Heart Disease DiagnosticÂCosts With Treadmill Stress CMR Versus SPECT. JACC: Cardiovascular Imaging, 2020, 13, 1840-1842.	2.3	6
124	Design and Rationale for the Study of Changes in Iron and Atherosclerosis Risk in Perimenopause. Journal of Clinical & Experimental Cardiology, 2011, 02, 152.	0.0	6
125	CArtesian sampling with Variable density and Adjustable temporal resolution (CAVA). Magnetic Resonance in Medicine, 2020, 83, 2015-2025.	1.9	5
126	Patientâ€Adaptive Magnetic Resonance Oximetry: Comparison With Invasive Catheter Measurement of Blood Oxygen Saturation in Patients With Cardiovascular Disease. Journal of Magnetic Resonance Imaging, 2020, 52, 1449-1459.	1.9	5

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127	High speed bolus tagging: time resolved velocity quantification of pulsatile flow in a single breath hold. Magnetic Resonance in Medicine, 1994, 32, 661-667.	1.9	4
128	Tissue Diagnosis With Magnetic Resonance Imaging. Circulation, 2007, 116, e338.	1.6	4
129	Prospective correction of patientâ€specific respiratory motion in myocardial T₁ and T₂ mapping. Magnetic Resonance in Medicine, 2021, 85, 855-867.	1.9	4
130	SCâ€GRAPPA: Selfâ€constraint noniterative GRAPPA reconstruction with closedâ€form solution. Medical Physics, 2012, 39, 7686-7693.	1.6	3
131	The importance of kâ€space trajectory on offâ€resonance artifact in segmented echoâ€planar imaging. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2013, 42A, 23-31.	0.2	2
132	Cardiovascular Imaging in Cardio-Oncology. Heart Failure Clinics, 2022, 18, 455-478.	1.0	2
133	Venous oxygen saturation estimation from multiple T2 maps with varying inter-echo spacing. Journal of Cardiovascular Magnetic Resonance, 2016, 18, W29.	1.6	1
134	Letter to the Editor: Exercise MRI in healthy individualsâ€”will the outlier please stand up?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 316, R298-R399.	0.9	1
135	Cardiovascular Adaptations In Individuals Of Various Fitness Levels Following Vo2max Test Utilizing Mri-compatible Treadmill. Medicine and Science in Sports and Exercise, 2015, 47, 741.	0.2	0
136	Myocardial Ischemia without Coronary Artery Obstruction in Patients with Sickle Cell Disease.. Blood, 2005, 106, 3180-3180.	0.6	0
137	The Asymptotic Noise Distribution in Karhunen-Loeve Transform Eigenmodes. Journal of Health & Medical Informatics, 2013, 04, 122.	0.2	0
138	Abstract 18945: Baseline Myocardium At-Risk Predicts Subsequent Myocardial Injury in Non ST-Segment Elevation Acute Coronary Syndrome. Circulation, 2014, 130, .	1.6	0