Thomas A Treibel

List of Publications by Year
in descending order

161 papers	8,863 citations	50244 46 h-index	48277 88 g-index
170 all docs	170 docs citations	170 times ranked	10261 citing authors

#	Article	IF	Citations
1	Hypertrophic cardiomyopathy: insights from extracellular volume mapping. European Journal of Preventive Cardiology, 2022, 28, e39-e41.	0.8	6
2	Non-invasive characterization of pleural and pericardial effusions using T1 mapping by magnetic resonance imaging. European Heart Journal Cardiovascular Imaging, 2022, 23, 1117-1126.	0.5	8
3	Reverse Myocardial Remodeling Following Valve Repair in Patients With Chronic Severe Primary Degenerative Mitral Regurgitation. JACC: Cardiovascular Imaging, 2022, 15, 224-236.	2.3	17
4	Impact of afterload and infiltration on coexisting aortic stenosis and transthyretin amyloidosis. Heart, 2022, 108, 67-72.	1.2	8
5	Pre-existing polymerase-specific T cells expand in abortive seronegative SARS-CoV-2. Nature, 2022, 601, 110-117.	13.7	280
6	Heterologous infection and vaccination shapes immunity against SARS-CoV-2 variants. Science, 2022, 375, 183-192.	6.0	91
7	Improving cardiovascular magnetic resonance access in low- and middle-income countries for cardiomyopathy assessment: rapid cardiovascular magnetic resonance. European Heart Journal, 2022, 43, 2496-2507.	1.0	12
8	Aortic regurgitation management: a systematic review of clinical practice guidelines and recommendations. European Heart Journal Quality of Care & Clinical Outcomes, 2022, 8, 113-126.	1.8	2
9	Futility in Transcatheter Aortic Valve Implantation: A Search for Clarity. Interventional Cardiology Review, 2022, 17, e01.	0.7	6
10	Automated Inâ€Ł ine Artificial Intelligence Measured Global Longitudinal Shortening and Mitral Annular Plane Systolic Excursion: Reproducibility and Prognostic Significance. Journal of the American Heart Association, 2022, 11, e023849.	1.6	11
11	Cardiac Computed Tomography: Application in Valvular Heart Disease. Frontiers in Cardiovascular Medicine, 2022, 9, 849540.	1.1	6
12	Precision measurement of cardiac structure and function in cardiovascular magnetic resonance using machine learning. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 16.	1.6	30
13	Myocardial Fibrosis Quantified by Cardiac CT Predicts Outcome in Severe Aortic Stenosis After Transcatheter Intervention. JACC: Cardiovascular Imaging, 2022, 15, 542-544.	2.3	9
14	HLAâ€ĐR polymorphism in SARSâ€CoVâ€2 infection and susceptibility to symptomatic COVIDâ€19. Immunology, 2022, 166, 68-77.	2.0	18
15	Association of Myocardial Fibrosis and Stroke Volume by Cardiovascular Magnetic Resonance in Patients With Severe Aortic Stenosis With Outcome After Valve Replacement. JAMA Cardiology, 2022, 7, 513.	3.0	2
16	Preprocedural Prognostic Factors in Acute Decompensated Aortic Stenosis. American Journal of Cardiology, 2022, 174, 96-100.	0.7	3
17	United Kingdom standards for non-invasive cardiac imaging: recommendations from the Imaging Council of the British Cardiovascular Society. Heart, 2022, 108, e7-e7.	1.2	3
18	Immune boosting by B.1.1.529 (Omicron) depends on previous SARS-CoV-2 exposure. Science, 2022, 377, .	6.0	241

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19	Reverse Remodeling Following Valve Replacement in Coexisting Aortic Stenosis and Transthyretin Cardiac Amyloidosis. Circulation: Cardiovascular Imaging, 2022, 15, .	1.3	12
20	Valvular heart disease in the community: the unknown knowns in electronic health record coding. European Heart Journal Quality of Care & Clinical Outcomes, 2021, 7, 616-617.	1.8	0
21	Prevalence and Outcomes of Concomitant Aortic Stenosis and CardiacÂAmyloidosis. Journal of the American College of Cardiology, 2021, 77, 128-139.	1.2	187
22	Diagnosis and risk stratification in hypertrophic cardiomyopathy using machine learning wall thickness measurement: a comparison with human test-retest performance. The Lancet Digital Health, 2021, 3, e20-e28.	5.9	57
23	Measurement of T1 Mapping in Patients With Cardiac Devices: Off-Resonance Error Extends Beyond Visual Artifact but Can Be Quantified and Corrected. Frontiers in Cardiovascular Medicine, 2021, 8, 631366.	1.1	6
24	Patterns of myocardial injury in recovered troponin-positive COVID-19 patients assessed by cardiovascular magnetic resonance. European Heart Journal, 2021, 42, 1866-1878.	1.0	274
25	Antibody response to first BNT162b2 dose in previously SARS-CoV-2-infected individuals. Lancet, The, 2021, 397, 1057-1058.	6.3	360
26	Natriuretic peptide release during exercise in patients with valvular heart disease: A systematic review. International Journal of Clinical Practice, 2021, 75, e14137.	0.8	1
27	Longitudinal assessment of symptoms and risk of SARS-CoV-2 infection in healthcare workers across 5 hospitals to understand ethnic differences in infection risk.. EClinicalMedicine, 2021, 34, 100835.	3.2	20
28	Prior SARS-CoV-2 infection rescues B and T cell responses to variants after first vaccine dose. Science, 2021, 372, 1418-1423.	6.0	286
29	Moderate Aortic Stenosis: What is it and When Should We Intervene?. Interventional Cardiology Review, 2021, 16, e09.	0.7	10
30	Prognostic Value of Pulmonary Transit Time and Pulmonary Blood Volume Estimation Using Myocardial PerfusionÂCMR. JACC: Cardiovascular Imaging, 2021, 14, 2107-2119.	2.3	18
31	Cardiac amyloidosis in nonâ€transplant cardiac surgery. Journal of Cardiac Surgery, 2021, 36, 2901-2910.	0.3	0
32	Prospective Case-Control Study of Cardiovascular Abnormalities 6ÂMonthsÂFollowing Mild COVID-19 inÂHealthcare Workers. JACC: Cardiovascular Imaging, 2021, 14, 2155-2166.	2.3	111
33	Editorial: Multimodality Imaging in Valvular Heart Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 708889.	1.1	1
34	Markers of Myocardial Damage Predict Mortality in Patients With Aortic Stenosis. Journal of the American College of Cardiology, 2021, 78, 545-558.	1.2	41
35	Blood transcriptional biomarkers of acute viral infection for detection of pre-symptomatic SARS-CoV-2 infection: a nested, case-control diagnostic accuracy study. Lancet Microbe, The, 2021, 2, e508-e517.	3.4	52
36	Coronary Revascularization in Patients Undergoing Aortic Valve Replacement for Severe Aortic Stenosis. JACC: Cardiovascular Interventions, 2021, 14, 2083-2096.	1.1	15

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37	Computed tomography vs cardiovascular magnetic resonance imaging derived extracellular volume fraction in patients with stable new-onset chest pain. European Heart Journal, 2021, 42, .	1.0	0
38	Myocardial changes on 3T cardiovascular magnetic resonance imaging in response to haemodialysis with fluid removal. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 125.	1.6	9
39	Heterologous infection and vaccination shapes immunity against SARS-CoV-2 variants. Science, 2021, , eabm0811.	6.0	10
40	Myocardial Perfusion Imaging After Severe COVID-19 Infection Demonstrates Regional Ischemia Rather Than Global Blood Flow Reduction. Frontiers in Cardiovascular Medicine, 2021, 8, 764599.	1.1	9
41	Dilated cardiomyopathy and arrhythmogenic left ventricular cardiomyopathy: a comprehensive genotype-imaging phenotype study. European Heart Journal Cardiovascular Imaging, 2020, 21, 326-336.	0.5	90
42	Extracellular Volume Associates WithÂOutcomes More Strongly Than Native or Post-Contrast Myocardial T1. JACC: Cardiovascular Imaging, 2020, 13, 44-54.	2.3	68
43	Cardiac Amyloidosis is Underdiagnosed in Patients Undergoing Transcatheter Aortic Valve Replacement. Structural Heart, 2020, 4, 512-514.	0.2	1
44	H3K27ac acetylome signatures reveal the epigenomic reorganization in remodeled non-failing human hearts. Clinical Epigenetics, 2020, 12, 106.	1.8	20
45	Validation of four-dimensional flow cardiovascular magnetic resonance for aortic stenosis assessment. Scientific Reports, 2020, 10, 10569.	1.6	29
46	The Myocardium in Aortic Stenosis Revisited. JACC: Cardiovascular Imaging, 2020, 13, 2270-2273.	2.3	0
47	Identifying Cardiac Amyloid in Aortic Stenosis. JACC: Cardiovascular Imaging, 2020, 13, 2177-2189.	2.3	65
48	Clinical academic research in the time of Corona: A simulation study in England and a call for action. PLoS ONE, 2020, 15, e0237298.	1.1	8
49	Myocardial fibrosis in asymptomatic and symptomatic chronic severeÂprimary mitral regurgitation and relationship to tissue characterisation and left ventricularÂfunction on cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 86.	1.6	13
50	Asymptomatic health-care worker screening during the COVID-19 pandemic â€“ Authors' reply. Lancet, The, 2020, 396, 1394-1395.	6.3	7
51	DPD Quantification in CardiacÂAmyloidosis. JACC: Cardiovascular Imaging, 2020, 13, 1353-1363.	2.3	61
52	COVID-19: PCR screening of asymptomatic health-care workers at London hospital. Lancet, The, 2020, 395, 1608-1610.	6.3	295
53	Extracellular Myocardial Volume in Patients With Aortic Stenosis. Journal of the American College of Cardiology, 2020, 75, 304-316.	1.2	141
54	Cardiovascular Remodeling Experienced by Real-World, Unsupervised, Young Novice Marathon Runners. Frontiers in Physiology, 2020, 11, 232.	1.3	12

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55	Prevalence and outcome of dual aortic stenosis and cardiac amyloid pathologyÂin patients referred for transcatheter aortic valve implantation. European Heart Journal, 2020, 41, 2759-2767.	1.0	128
56	Extracellular Volume Imaging in Aortic Stenosis During Routine Pre-TAVR Cardiac Computed Tomography. JACC: Cardiovascular Imaging, 2020, 13, 2602-2604.	2.3	6
57	Discordant neutralizing antibody and T cell responses in asymptomatic and mild SARS-CoV-2 infection. Science Immunology, 2020, 5, .	5.6	172
58	Healthcare Workers Bioresource: Study outline and baseline characteristics of a prospective healthcare worker cohort to study immune protection and pathogenesis in COVID-19. Wellcome Open Research, 2020, 5, 179.	0.9	10
59	Healthcare Workers Bioresource: Study outline and baseline characteristics of a prospective healthcare worker cohort to study immune protection and pathogenesis in COVID-19. Wellcome Open Research, 2020, 5, 179.	0.9	21
60	Computed tomography cardiac angiography for planning invasive angiographic procedures in patients with previous coronary artery bypass grafting. EuroIntervention, 2020, 15, e1351-e1357.	1.4	9
61	Abstract 14709: Dual Pathology of Severe Aortic Stenosis and Cardiac Amyloidosis: Multi-center Study of Prevalence and Outcome. Circulation, 2020, 142, .	1.6	0
62	Two-Minute k-Space and Timeâ€“accelerated Aortic Four-dimensional Flow MRI: Dual-Center Study of Feasibility and Impact on Velocity and Wall Shear Stress Quantification. Radiology: Cardiothoracic Imaging, 2019, 1, e180008.	0.9	10
63	Multimodality Imaging Markers of Adverse Myocardial Remodeling in Aortic Stenosis. JACC: Cardiovascular Imaging, 2019, 12, 1532-1548.	2.3	30
64	Sex and regional differences in myocardial plasticity in aortic stenosis are revealed by 3D model machine learning. European Heart Journal Cardiovascular Imaging, 2019, 21, 417-427.	0.5	7
65	P434Left ventricular mechanics reveals a benign reduction in ejection fraction after valve replacement in aortic stenosis. European Heart Journal Cardiovascular Imaging, 2019, 20, .	0.5	0
66	515Right ventricular dysfunction detected by cardiovascular magnetic resonance is associated with late mortality in severe aortic stenosis. European Heart Journal Cardiovascular Imaging, 2019, 20, .	0.5	3
67	12Cardiac amyloid in TAVI Patients - bystander or disease modifier?. European Heart Journal Cardiovascular Imaging, 2019, 20, .	0.5	0
68	Sex differences in left ventricular remodelling, myocardial fibrosis and mortality after aortic valve replacement. Heart, 2019, 105, 1818-1824.	1.2	30
69	A Multicenter, Scan-Rescan, Human and Machine Learning CMR Study to Test Generalizability and Precision in Imaging Biomarker Analysis. Circulation: Cardiovascular Imaging, 2019, 12, e009214.	1.3	75
70	The Effect of Blood Composition on T1ÂMapping. JACC: Cardiovascular Imaging, 2019, 12, 1888-1890.	2.3	9
71	P432aortic stenosis. the role of aortoseptal angulation as a predictive factor for asymmetrical septal hypertrophy. European Heart Journal Cardiovascular Imaging, 2019, 20, .	0.5	0
72	247Characterisation of pleural and pericardial effusions with T1 mapping. European Heart Journal Cardiovascular Imaging, 2019, 20, .	0.5	4

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73	24Amyloid-AS: detecting occult Cardiac Amyloid during TAVI work-up Computed Tomography. European Heart Journal Cardiovascular Imaging, 2019, 20, .	0.5	2
74	Rationale and design of the randomized, controlled Early Valve Replacement Guided by Biomarkers of Left Ventricular Decompensation in Asymptomatic Patients with Severe Aortic Stenosis (EVOLVED) trial. American Heart Journal, 2019, 212, 91-100.	1.2	74
75	Variation in cardiovascular magnetic resonance myocardial contouring: Insights from an international survey. Journal of Magnetic Resonance Imaging, 2019, 50, 1336-1338.	1.9	11
76	16â€...Myocardial extracellular volume in patients with aortic stenosis undergoing valve intervention: a multicentre T1 mapping study. , 2019, , .		0
77	480Right ventricular dysfunction is associated with late mortality in severe aortic stenosis: results from a multi-centre outcome study in patients undergoing aortic valve replacement. European Heart Journal, 2019, 40, .	1.0	1
78	Myocardial Storage, Inflammation, and Cardiac Phenotype in Fabry Disease After One Year of Enzyme Replacement Therapy. Circulation: Cardiovascular Imaging, 2019, 12, e009430.	1.3	47
79	Texture analysis of cardiovascular magnetic resonance cine images differentiates aetiologies of left ventricular hypertrophy. Clinical Radiology, 2019, 74, 140-149.	0.5	39
80	Native T1 and Extracellular Volume inÂTransthyretin Amyloidosis. JACC: Cardiovascular Imaging, 2019, 12, 810-819.	2.3	172
81	Cardiac Structural and Functional Consequences of Amyloid Deposition byÂCardiac Magnetic Resonance andÂEchocardiography and TheirÂPrognosticÂRoles. JACC: Cardiovascular Imaging, 2019, 12, 823-833.	2.3	113
82	T1 and T2 Mapping and Extracellular Volume in Cardiomyopathy. , 2019, , 391-399.e4.		0
83	Myocardial Extracellular Volume Quantification by Cardiovascular Magnetic Resonance and Computed Tomography. Current Cardiology Reports, 2018, 20, 15.	1.3	83
84	Synthetic extracellular volume fractionâ€"state of play. Wiener Klinische Wochenschrift, 2018, 130, 165-167.	1.0	0
85	Myocardial native T1 and extracellular volume with healthy ageing and gender. European Heart Journal Cardiovascular Imaging, 2018, 19, 615-621.	0.5	78
86	Reverse Myocardial Remodeling FollowingÂValve Replacement in PatientsÂWith Aortic Stenosis. Journal of the American College of Cardiology, 2018, 71, 860-871.	1.2	266
87	Prevalence of Cardiac Amyloidosis in Patients Referred for Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2018, 71, 463-464.	1.2	111
88	Reappraising myocardial fibrosis in severe aortic stenosis: an invasive and non-invasive study in 133 patients. European Heart Journal, 2018, 39, 699-709.	1.0	178
89	CMR-Verified Regression of Cardiac AL Amyloid After Chemotherapy. JACC: Cardiovascular Imaging, 2018, 11, 152-154.	2.3	90
90	Sex Dimorphism in the MyocardialÂResponse to Aortic Stenosis. JACC: Cardiovascular Imaging, 2018, 11, 962-973.	2.3	85

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91	Extracellular volume with bolusâ€•only technique in amyloidosis patients: Diagnostic accuracy, correlation with other clinical cardiac measures, and ability to track changes in amyloid load over time. Journal of Magnetic Resonance Imaging, 2018, 47, 1677-1684.	1.9	7
92	3â€…SPECT/CT quantification of DPD scintigraphy in cardiac amyloid. , 2018, , .		0
93	Proteomic Analysis of the Myocardium in Hypertrophic Obstructive Cardiomyopathy. Circulation Genomic and Precision Medicine, 2018, 11, e001974.	1.6	38
94	P5470Septal hypertrophy in aortic stenosis and its regression after valve replacement is more plastic in males than females: insights from 3D machine learning approach. European Heart Journal, 2018, 39, .	1.0	0
95	Relationship between endotoxin core, staphylococcal and varicella antibody levels and outcome following aortic valve replacement surgery: a prospective observational study. Perioperative Medicine (London, England), 2018, 7, 20.	0.6	0
96	INCA (Peru) Study: Impact of Nonâ€•Invasive Cardiac Magnetic Resonance Assessment in the Developing World. Journal of the American Heart Association, 2018, 7, e008981.	1.6	23
97	3â€…The detection of cardiac amyloidosis using extracellular volume quantification by computed tomography. , 2018, , .		0
98	Myocardial Scar and Mortality in Severe Aortic Stenosis. Circulation, 2018, 138, 1935-1947.	1.6	181
99	Cardiac amyloidosis in aortic stenosis: The tip of the iceberg. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 965-966.	0.4	10
100	1â€…A multi-centre study of cardiac amyloidosis in tavi patients. , 2018, , .		1
101	Response by Kozor et al to Letter Regarding Article, â€œLeft Ventricular Hypertrophy Revisited: Cell and Matrix Expansion Have Disease-Specific Relationshipsâ€• Circulation, 2018, 137, 2672-2673.	1.6	0
102	Myocardial Hypertrophy, Matrix Expansion, and Focal Scar. Circulation: Cardiovascular Imaging, 2018, 11, e007975.	1.3	2
103	Myocardial Edema and Prognosis inÂAmyloidosis. Journal of the American College of Cardiology, 2018, 71, 2919-2931.	1.2	145
104	Reply. Journal of the American College of Cardiology, 2018, 71, 2984-2985.	1.2	0
105	Diagnostic performance of T₁ and T₂ mapping to detect intramyocardial hemorrhage in reperfused STâ€•segment elevation myocardial infarction (STEMI) patients. Journal of Magnetic Resonance Imaging, 2017, 46, 877-886.	1.9	24
106	Automatic quantification of the myocardial extracellular volume by cardiac computed tomography: Synthetic ECV by CCT. Journal of Cardiovascular Computed Tomography, 2017, 11, 221-226.	0.7	34
107	Letter by Treibel et al Regarding Article, â€œSex-Related Discordance Between Aortic Valve Calcification and Hemodynamic Severity of Aortic Stenosis: Is Valvular Fibrosis the Explanation?â€• Circulation Research, 2017, 120, e24-e25.	2.0	0
108	015â€…Clinical utility of T1 mapping in cardiac ATTR amyloidosis â€“ diagnostic performance and prognostic capability. Heart, 2017, 103, A12-A13.	1.2	0

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109	Synthetic Myocardial Extracellular VolumeÂFraction. JACC: Cardiovascular Imaging, 2017, 10, 1402-1404.	2.3	30
110	Functional assessment of coronary artery disease by cardiac computed tomography. Expert Review of Cardiovascular Therapy, 2017, 15, 657-665.	0.6	7
111	Magnetic Resonance in TransthyretinÂCardiac Amyloidosis. Journal of the American College of Cardiology, 2017, 70, 466-477.	1.2	290
112	001â€…Multiparametric mapping to understand pathophysiology in cardiac amyloidosis. Heart, 2017, 103, A1-A2.	1.2	12
113	Redefining viability by cardiovascular magnetic resonance in acute ST-segment elevation myocardial infarction. Scientific Reports, 2017, 7, 14676.	1.6	11
114	024â€…Spectrum and significance of CMR findings in cardiac transthyretin amyloidosis. Heart, 2017, 103, A20-A21.	1.2	0
115	028â€…Routine identification of hypoperfusion in cardiac amyloidosis by myocardial blood flow mapping. Heart, 2017, 103, A24-A24.	1.2	3
116	008â€…Demonstration of cardiac AL amyloidosis regression after succesful chemotherapy. a CMR study. Heart, 2017, 103, A7.1-A7.	1.2	0
117	Measurement of liver and spleen interstitial volume in patients with systemic amyloid light-chain amyloidosis using equilibrium contrast CT. Abdominal Radiology, 2017, 42, 2646-2651.	1.0	9
118	A case report in cardiovascular magnetic resonance: the contrast agent matters in amyloid. BMC Medical Imaging, 2017, 17, 3.	1.4	9
119	Insight into hypertrophied hearts: a cardiovascular magnetic resonance study of papillary muscle mass and T1 mapping. European Heart Journal Cardiovascular Imaging, 2017, 18, 1034-1040.	0.5	31
120	Cardiac computed tomography for the detection of cardiac amyloidosis. Journal of Cardiovascular Computed Tomography, 2017, 11, 155-156.	0.7	3
121	Left Ventricular Hypertrophy Revisited. Circulation, 2017, 136, 2519-2521.	1.6	37
122	Aortic Stenosis, a Left Ventricular Disease: Insights from Advanced Imaging. Current Cardiology Reports, 2016, 18, 80.	1.3	36
123	Impact of microvascular obstruction on semiautomated techniques for quantifying acute and chronic myocardial infarction by cardiovascular magnetic resonance. Open Heart, 2016, 3, e000535.	0.9	18
124	Residual Myocardial Iron Following Intramyocardial Hemorrhage During the Convalescent Phase of Reperfused ST-Segmentâ€“Elevation Myocardial Infarction and Adverse Left Ventricular Remodeling. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	120
125	Response to Letters Regarding Article, â€œPrognostic Value of Late Gadolinium Enhancement Cardiovascular Magnetic Resonance in Cardiac Amyloidosisâ€• Circulation, 2016, 133, e450-1.	1.6	4
126	Occult Transthyretin Cardiac Amyloid in Severe Calcific Aortic Stenosis. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	210

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127	Automated Extracellular Volume Fraction Mapping Provides Insights Into the Pathophysiology of Left Ventricular Remodeling Postâ€"Reperfused STâ€Elevation Myocardial Infarction. Journal of the American Heart Association, 2016, 5, .	1.6	46
128	CMR findings in high endurance veteran athletes - a 247 subject study. Journal of Cardiovascular Magnetic Resonance, 2016, 18, O38.	1.6	5
129	Hematocrit, iron and HDL-cholesterol explain 90% of variation in native blood T1. Journal of Cardiovascular Magnetic Resonance, 2016, 18, O86.	1.6	3
130	Reproducibility of native T1 mapping using ShMOLLI and MOLLI - implications for sample size calculation. Journal of Cardiovascular Magnetic Resonance, 2016, 18, P2.	1.6	4
131	Myocardial Fibrosis in Hypertensive HeartÂFailure. Journal of the American College of Cardiology, 2016, 67, 261-263.	1.2	3
132	Automatic Measurement of the MyocardialÂInterstitium. JACC: Cardiovascular Imaging, 2016, 9, 54-63.	2.3	127
133	Defining left ventricular remodeling following acute ST-segment elevation myocardial infarction using cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 26.	1.6	55
134	Myocardial T1 Mapping. Circulation Journal, 2015, 79, 487-494.	0.7	69
135	29â€...Synthetic ECV â€" simplifying ECV quantification by deriving haematocrit from T1 blood. Heart, 2015, 101, A16.2-A17.	1.2	2
136	T1 mapping and T2 mapping at 3T for quantifying the area-at-risk in reperfused STEMI patients. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 73.	1.6	70
137	Extracellular volume quantification by dynamic equilibrium cardiac computed tomography in cardiac amyloidosis. Journal of Cardiovascular Computed Tomography, 2015, 9, 585-592.	0.7	108
138	Diagnosis of apical hypertrophic cardiomyopathy: T-wave inversion and relative but not absolute apical left ventricular hypertrophy. International Journal of Cardiology, 2015, 183, 143-148.	0.8	55
139	Differential Myocyte Responses in Patients with Cardiac Transthyretin Amyloidosis and Light-Chain Amyloidosis: A Cardiac MR Imaging Study. Radiology, 2015, 277, 388-397.	3.6	146
140	Free-breathing T2* mapping using respiratory motion corrected averaging. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 3.	1.6	29
141	Extracellular volume quantification in isolated hypertension - changes at the detectable limits?. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 74.	1.6	79
142	Prognostic Value of Late Gadolinium Enhancement Cardiovascular Magnetic Resonance in Cardiac Amyloidosis. Circulation, 2015, 132, 1570-1579.	1.6	442
143	Remote Ischemic Conditioning Reduces Myocardial Infarct Size and Edema in Patients With ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Interventions, 2015, 8, 178-188.	1.1	199
144	Reproducibility of native myocardial T1 mapping in the assessment of Fabry disease and its role in early detection of cardiac involvement by cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 99.	1.6	154

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145	T1 mapping: non-invasive evaluation of myocardial tissue composition by cardiovascular magnetic resonance. Expert Review of Cardiovascular Therapy, 2014, 12, 1455-1464.	0.6	15
146	Native T1 Mapping in Transthyretin Amyloidosis. JACC: Cardiovascular Imaging, 2014, 7, 157-165.	2.3	339
147	Cardiac amyloid burden assessment by T1 mapping predicts survival in patients with systemic AL amyloidosis - a 2 year follow-up study. Journal of Cardiovascular Magnetic Resonance, 2014, 16, O5.	1.6	2
148	Myocardial Tissue Characterization: Histological and Pathophysiological Correlation. Current Cardiovascular Imaging Reports, 2014, 7, 9254.	0.4	49
149	AL and ATTR cardiac amyloid are different: native T1 mapping and ECV detect different biology. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P341.	1.6	11
150	Reply. JACC: Cardiovascular Imaging, 2014, 7, 849-850.	2.3	1
151	T1 Mapping for Characterization of Intracellular and Extracellular Myocardial Diseases in Heart Failure. Current Cardiovascular Imaging Reports, 2014, 7, 9287.	0.4	37
152	T1 Mapping for Diffuse Myocardial Fibrosis. Journal of the American College of Cardiology, 2013, 62, 1288-1289.	1.2	33
153	Treatment of left ventricular non-compaction with cardiac resynchronization therapy. QJM - Monthly Journal of the Association of Physicians, 2013, 106, 575-579.	0.2	2
154	Identification and Assessment of Anderson-Fabry Disease by Cardiovascular Magnetic Resonance Noncontrast Myocardial T1 Mapping. Circulation: Cardiovascular Imaging, 2013, 6, 392-398.	1.3	399
155	A Meta-Analysis of the Mechanism of Blood Pressure Change With Aging. Journal of the American College of Cardiology, 2009, 54, 2087-2092.	1.2	127
156	Are â€œHigh Riskâ€•Features Associated with Increased Gastrointestinal Pathology in Patients Aged Less Than 50 Years with Dyspepsia?. Gastrointestinal Endoscopy, 2008, 67, AB95.	0.5	0
157	Dysphagia in Young Patients: Worth Having a Look?. Gastrointestinal Endoscopy, 2008, 67, AB190.	0.5	0
158	Appropriateness of Colonoscopy for Patients with Isolated Abdominal Pain. Gastrointestinal Endoscopy, 2008, 67, AB322.	0.5	2
159	Myocardial T1 mapping: where are we now and where are we going?. Research Reports in Clinical Cardiology, 0, , 339.	0.2	3
160	Mitral regurgitation quantification by cardiac magnetic resonance imaging (MRI) remains reproducible between software solutions. Wellcome Open Research, 0, 6, 253.	0.9	0
161	Longitudinal Assessment of Symptoms and Risk of SARS-CoV-2 Infection in Healthcare Workers Across 5 Hospitals to Understand Ethnic Differences in Infection Risk. SSRN Electronic Journal, 0, , .	0.4	0