

# Charlotte H Manisty

## List of Publications by Year in descending order

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Version: 2024-02-01

182  
papers

8,396  
citations

81434

41  
h-index

64407

83  
g-index

199  
all docs

199  
docs citations

199  
times ranked

12881  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence to support magnetic resonance conditional labelling of all pacemaker and defibrillator leads in patients with cardiac implantable electronic devices. <i>European Heart Journal</i> , 2022, 43, 2469-2478.	1.0	22
2	Hypertrophic cardiomyopathy: insights from extracellular volume mapping. <i>European Journal of Preventive Cardiology</i> , 2022, 28, e39-e41.	0.8	6
3	Non-invasive characterization of pleural and pericardial effusions using T1 mapping by magnetic resonance imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1117-1126.	0.5	8
4	Pre-existing polymerase-specific T cells expand in abortive seronegative SARS-CoV-2. <i>Nature</i> , 2022, 601, 110-117.	13.7	280
5	Detailed Assessment of Low-Voltage Zones Localization by Cardiac MRI in Patients With Implantable Devices. <i>JACC: Clinical Electrophysiology</i> , 2022, 8, 225-235.	1.3	4
6	Heterologous infection and vaccination shapes immunity against SARS-CoV-2 variants. <i>Science</i> , 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. <i>European Heart Journal</i> , 2022, 43, 2496-2507.	1.0	12
8	Automated In-Plane Artificial Intelligence Measured Global Longitudinal Shortening and Mitral Annular Plane Systolic Excursion: Reproducibility and Prognostic Significance. <i>Journal of the American Heart Association</i> , 2022, 11, e023849.	1.6	11
9	Quantitative Myocardial Perfusion Predicts Outcomes in Patients With Prior Surgical Revascularization. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1141-1151.	1.2	10
10	Rapid synchronous type 1 IFN and virus-specific T cell responses characterize first wave non-severe SARS-CoV-2 infections. <i>Cell Reports Medicine</i> , 2022, 3, 100557.	3.3	36
11	Precision measurement of cardiac structure and function in cardiovascular magnetic resonance using machine learning. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 16.	1.6	30
12	HLA-DR polymorphism in SARS-CoV-2 infection and susceptibility to symptomatic COVID-19. <i>Immunology</i> , 2022, 166, 68-77.	2.0	18
13	Echocardiographic and Cardiac Magnetic Resonance Imaging-Derived Strains in Relation to Late Gadolinium Enhancement in Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2022, 171, 132-139.	0.7	4
14	Non-invasive Imaging in Women With Heart Failure – Diagnosis and Insights Into Disease Mechanisms. <i>Current Heart Failure Reports</i> , 2022, 19, 114-125.	1.3	2
15	An integrated approach to cardioprotection in lymphomas. <i>Lancet Haematology</i> , 2022, 9, e445-e454.	2.2	5
16	Multimodality Imaging for Cardiotoxicity: State of the Art and Future Perspectives. <i>Journal of Cardiovascular Pharmacology</i> , 2022, 80, 547-561.	0.8	2
17	Immune boosting by B.1.1.529 (Omicron) depends on previous SARS-CoV-2 exposure. <i>Science</i> , 2022, 377, .	6.0	241
18	Progression of echocardiographic parameters and prognosis in transthyretin cardiac amyloidosis. <i>European Journal of Heart Failure</i> , 2022, 24, 1700-1712.	2.9	26

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19	Age matters: differences in exercise-induced cardiovascular remodelling in young and middle aged healthy sedentary individuals. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 738-746.	0.8	10
20	Cardiac magnetic resonance assessment of progressive myo-pericarditis due to cobalt cardiotoxicity. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, e71-e71.	0.5	0
21	Diagnosis and risk stratification in hypertrophic cardiomyopathy using machine learning wall thickness measurement: a comparison with human test-retest performance. <i>The Lancet Digital Health</i> , 2021, 3, e20-e28.	5.9	57
22	Breaking down the barriers: Re-evaluating risk of MRI in patients with cardiac implantable electronic devices via collaborative practice. <i>Revista Portuguesa De Cardiologia</i> , 2021, 40, 53-55.	0.2	0
23	Role of cardiovascular magnetic resonance imaging in cardio-oncology. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 383-396.	0.5	31
24	Breaking down the barriers: Re-evaluating risk of MRI in patients with cardiac implantable electronic devices via collaborative practice. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2021, 40, 53-55.	0.2	0
25	Measurement of T1 Mapping in Patients With Cardiac Devices: Off-Resonance Error Extends Beyond Visual Artifact but Can Be Quantified and Corrected. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 631366.	1.1	6
26	OUP accepted manuscript. <i>European Heart Journal</i> , 2021, , .	1.0	1
27	Patterns of myocardial injury in recovered troponin-positive COVID-19 patients assessed by cardiovascular magnetic resonance. <i>European Heart Journal</i> , 2021, 42, 1866-1878.	1.0	274
28	Antibody response to first BNT162b2 dose in previously SARS-CoV-2-infected individuals. <i>Lancet, The</i> , 2021, 397, 1057-1058.	6.3	360
29	British Society for Echocardiography and British Cardio-Oncology Society guideline for transthoracic echocardiographic assessment of adult cancer patients receiving anthracyclines and/or trastuzumab. <i>Echo Research and Practice</i> , 2021, 8, G1-G18.	0.6	17
30	Time series analysis and mechanistic modelling of heterogeneity and sero-reversion in antibody responses to mild SARS-CoV-2 infection. <i>EBioMedicine</i> , 2021, 65, 103259.	2.7	61
31	BSE and BCOS Guideline for Transthoracic Echocardiographic Assessment of Adult Cancer Patients Receiving Anthracyclines and/or Trastuzumab. <i>JACC: CardioOncology</i> , 2021, 3, 1-16.	1.7	37
32	Optimising cardiovascular care of patients with multiple myeloma. <i>Heart</i> , 2021, 107, 1774-1782.	1.2	3
33	Longitudinal assessment of symptoms and risk of SARS-CoV-2 infection in healthcare workers across 5 hospitals to understand ethnic differences in infection risk.. <i>EClinicalMedicine</i> , 2021, 34, 100835.	3.2	20
34	Prior SARS-CoV-2 infection rescues B and T cell responses to variants after first vaccine dose. <i>Science</i> , 2021, 372, 1418-1423.	6.0	286
35	Delayed-onset myocarditis following COVID-19. <i>Lancet Respiratory Medicine</i> , 2021, 9, e32-e34.	5.2	54
36	Prognostic Value of Pulmonary Transit Time and Pulmonary Blood Volume Estimation Using Myocardial Perfusion CMR. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2107-2119.	2.3	18

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37	Prospective Case-Control Study of Cardiovascular Abnormalities 6MonthsFollowing Mild COVID-19 inHealthcare Workers. JACC: Cardiovascular Imaging, 2021, 14, 2155-2166.	2.3	111
38	Access to MRI for patients with cardiac pacemakers and implantable cardioverter defibrillators. Open Heart, 2021, 8, e001598.	0.9	12
39	Use of quantitative cardiovascular magnetic resonance myocardial perfusion mapping for characterization of ischemia in patients with left internal mammary coronary artery bypass grafts. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 82.	1.6	6
40	Maximal Wall Thickness Measurement in Hypertrophic Cardiomyopathy. JACC: Cardiovascular Imaging, 2021, 14, 2123-2134.	2.3	18
41	Automated Noncontrast Myocardial Tissue Characterization for Hypertrophic Cardiomyopathy: Holy Grail or False Prophet?. Circulation, 2021, 144, 600-603.	1.6	3
42	The Relationship Between Oxygen Uptake and the Rate of Myocardial Deformation During Exercise. Bioengineered, 2021, 10, 85-93.	1.4	0
43	Temporary device malfunction of an MR conditional cardiac resynchronization defibrillator when undergoing MRI without appropriate re-programming: a case report. European Heart Journal - Case Reports, 2021, 5, ytab198.	0.3	0
44	Limited value of pulse wave analysis in assessing arterial wave reflection and stiffness in the pulmonary artery. Physiological Reports, 2021, 9, e15024.	0.7	1
45	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
46	Non-invasive Ischaemia Testing in Patients With Prior Coronary Artery Bypass Graft Surgery: Technical Challenges, Limitations, and Future Directions. Frontiers in Cardiovascular Medicine, 2021, 8, 795195.	1.1	3
47	Heterologous infection and vaccination shapes immunity against SARS-CoV-2 variants. Science, 2021, , eabm0811.	6.0	10
48	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
49	Quantitative cardiac MRI. Journal of Magnetic Resonance Imaging, 2020, 51, 693-711.	1.9	35
50	Training for a First-Time Marathon Reverses Age-Related Aortic Stiffening. Journal of the American College of Cardiology, 2020, 75, 60-71.	1.2	40
51	Making MRI available for patients with cardiac implantable electronic devices: growing need and barriers to change. European Radiology, 2020, 30, 1378-1384.	2.3	24
52	Graft-versus-host disease: a case report of a rare but reversible cause of constrictive pericarditis. European Heart Journal - Case Reports, 2020, 4, 1-5.	0.3	0
53	Repeatability of Cardiac Magnetic Resonance Radiomics: A Multi-Centre Multi-Vendor Test-Retest Study. Frontiers in Cardiovascular Medicine, 2020, 7, 586236.	1.1	17
54	How to Follow, Manage and Treat CardiacDysfunction in Patients With Her2+ Breast Cancer. JACC: CardioOncology, 2020, 2, 661-665.	1.7	4

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55	Opportunities for improved cardiovascular disease prevention in oncology patients. <i>Current Opinion in Cardiology</i> , 2020, 35, 531-537.	0.8	6
56	Identifying Cardiac Amyloid in Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2177-2189.	2.3	65
57	Clinical academic research in the time of Corona: A simulation study in England and a call for action. <i>PLoS ONE</i> , 2020, 15, e0237298.	1.1	8
58	Imaging Protocol, Feasibility, and Reproducibility of Cardiovascular Phenotyping in a Large Tri-Ethnic Population-Based Study of Older People: The Southall and Brent Revisited (SABRE) Study. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 591946.	1.1	6
59	Asymptomatic health-care worker screening during the COVID-19 pandemic – Authors' reply. <i>Lancet, The</i> , 2020, 396, 1394-1395.	6.3	7
60	Recreational marathon running does not cause exercise-induced left ventricular hypertrabeculation. <i>International Journal of Cardiology</i> , 2020, 315, 67-71.	0.8	10
61	DPD Quantification in Cardiac Amyloidosis. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1353-1363.	2.3	61
62	COVID-19: PCR screening of asymptomatic health-care workers at London hospital. <i>Lancet, The</i> , 2020, 395, 1608-1610.	6.3	295
63	Reply. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2278-2279.	1.2	0
64	Baseline cardiovascular risk assessment in cancer patients scheduled to receive cardiotoxic cancer therapies: a position statement and new risk assessment tools from the Cardio-Oncology Study Group of the Heart Failure Association of the European Society of Cardiology in collaboration with the International Cardio-Oncology Society. <i>European Journal of Heart Failure</i> , 2020,	2.9	364
65	Cardiac Tumors. <i>JACC: CardioOncology</i> , 2020, 2, 293-311.	1.7	200
66	Inline perfusion mapping provides insights into the disease mechanism in hypertrophic cardiomyopathy. <i>Heart</i> , 2020, 106, 824-829.	1.2	26
67	Re: Performing MRI on patients with MRI-conditional and non-conditional cardiac implantable electronic devices: an update for radiologists. <i>Clinical Radiology</i> , 2020, 75, 391-393.	0.5	0
68	Improving the Generalizability of Convolutional Neural Network-Based Segmentation on CMR Images. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 105.	1.1	74
69	The Prognostic Significance of Quantitative Myocardial Perfusion: An Artificial Intelligence Based Approach Using Perfusion Mapping. <i>Circulation</i> , 2020, 141, 1282-1291.	1.6	100
70	Cardiovascular Remodeling Experienced by Real-World, Unsupervised, Young Novice Marathon Runners. <i>Frontiers in Physiology</i> , 2020, 11, 232.	1.3	12
71	Discordant neutralizing antibody and T cell responses in asymptomatic and mild SARS-CoV-2 infection. <i>Science Immunology</i> , 2020, 5, .	5.6	172
72	Healthcare Workers Bioresource: Study outline and baseline characteristics of a prospective healthcare worker cohort to study immune protection and pathogenesis in COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 179.	0.9	10

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73	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
74	Advanced Imaging Modalities to Monitor for Cardiotoxicity. Current Treatment Options in Oncology, 2019, 20, 73.	1.3	33
75	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
76	Quantitative Myocardial Perfusion in Fabry Disease. Circulation: Cardiovascular Imaging, 2019, 12, e008872.	1.3	32
77	Authors' response to "Cardiovascular magnetic resonance: a promising method for detecting myocardial scar in patients with cardiac implantable devices". International Journal of Cardiology, 2019, 294, 60.	0.8	0
78	Tales of the Unexpected. JACC: Case Reports, 2019, 1, 337-338.	0.3	0
79	Multimodality advanced cardiac imaging for diagnosis and treatment monitoring in cardiac lymphoma. European Heart Journal, 2019, 40, 2926-2926.	1.0	1
80	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
81	The Effect of Blood Composition on T1 Mapping. JACC: Cardiovascular Imaging, 2019, 12, 1888-1890.	2.3	9
82	Metal-on-metal hips and heart failure "Can we relax?". International Journal of Cardiology, 2019, 284, 65-66.	0.8	2
83	A rare case of Rosai-Dorfman disease presenting with cardiac tamponade. European Heart Journal Cardiovascular Imaging, 2019, 20, 718-718.	0.5	2
84	Quantitative myocardial perfusion in coronary artery disease: A perfusion mapping study. Journal of Magnetic Resonance Imaging, 2019, 50, 756-762.	1.9	35
85	Cardiac Rhythm Device Identification Using Neural Networks. JACC: Clinical Electrophysiology, 2019, 5, 576-586.	1.3	36
86	MRI for patients with cardiac implantable electronic devices: simplifying complexity with a "one-stop" service model. BMJ Quality and Safety, 2019, 28, 853-858.	1.8	13
87	11...Novice marathon training reverses vascular ageing. , 2019, , .		0
88	Clinical impact of cardiovascular magnetic resonance with optimized myocardial scar detection in patients with cardiac implantable devices. International Journal of Cardiology, 2019, 279, 72-78.	0.8	29
89	Texture analysis of cardiovascular magnetic resonance cine images differentiates aetiologies of left ventricular hypertrophy. Clinical Radiology, 2019, 74, 140-149.	0.5	39
90	Myocardial native T1 and extracellular volume with healthy ageing and gender. European Heart Journal Cardiovascular Imaging, 2018, 19, 615-621.	0.5	78

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91	Reverse Myocardial Remodeling Following Valve Replacement in Patients With Aortic Stenosis. Journal of the American College of Cardiology, 2018, 71, 860-871.	1.2	266
92	The risk of cardiac failure following metal-on-metal hip arthroplasty. Bone and Joint Journal, 2018, 100-B, 20-27.	1.9	30
93	21 Proximal but not distal aortic stiffness explains blood pressure reduction associated with exercise training for a first time marathon. , 2018, , .		0
94	22 Myocardial perfusion is influenced by age, gender, diabetes, myocardial fibrosis and the use of beta-blockers: a perfusion mapping study. , 2018, , .		0
95	23 MRI-conditionality has no impact on pacemaker and defibrillator lead parameter changes with MRI at 1.5 t. , 2018, , .		0
96	Pericardial Disease in Cancer Patients. Current Treatment Options in Cardiovascular Medicine, 2018, 20, 60.	0.4	45
97	Diagnostic performance of T <sub>1</sub> and T <sub>2</sub> mapping to detect intramyocardial hemorrhage in reperfused ST-segment elevation myocardial infarction (STEMI) patients. Journal of Magnetic Resonance Imaging, 2017, 46, 877-886.	1.9	24
98	Late Anthracycline-Related Cardiotoxicity in Low-Risk Breast Cancer Patients. Journal of the American College of Cardiology, 2017, 69, 2573-2575.	1.2	12
99	014 Wideband free breathing MOCO LGE changes patient care in patients with implantable cardiac defibrillators. Heart, 2017, 103, A11-A12.	1.2	2
100	Wave Intensity Analysis Provides Novel Insights Into Pulmonary Arterial Hypertension and Chronic Thromboembolic Pulmonary Hypertension. Journal of the American Heart Association, 2017, 6, .	1.6	39
101	Assessing for Cardiotoxicity from Metal-on-Metal Hip Implants with Advanced Multimodality Imaging Techniques. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1827-1835.	1.4	21
102	Pulmonary artery wave propagation and reservoir function in conscious man: impact of pulmonary vascular disease, respiration and dynamic stress tests. Journal of Physiology, 2017, 595, 6463-6476.	1.3	11
103	Diagnosis and Prognosis in Sudden Cardiac Arrest Survivors Without Coronary Artery Disease. Circulation: Cardiovascular Imaging, 2017, 10, e006709.	1.3	44
104	Redefining viability by cardiovascular magnetic resonance in acute ST-segment elevation myocardial infarction. Scientific Reports, 2017, 7, 14676.	1.6	11
105	013 Free-breathing MOCO LGE leads to better image quality and faster scanning times in clinical practice. Heart, 2017, 103, A10-A11.	1.2	0
106	023 Myocardial perfusion reserve falls in diabetes and with increasing age a perfusion mapping study. Heart, 2017, 103, A19-A20.	1.2	0
107	004 Perfusion mapping in hypertrophic cardiomyopathy: microvascular dysfunction occurs regardless of hypertrophy. Heart, 2017, 103, A4.1-A4.	1.2	2
108	Evaluation of splenic switch off in a tertiary imaging centre: validation and assessment of utility. European Heart Journal Cardiovascular Imaging, 2017, 18, 1216-1221.	0.5	21



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109	Insight into hypertrophied hearts: a cardiovascular magnetic resonance study of papillary muscle mass and T1 mapping. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1034-1040.	0.5	31
110	Resonance as the Mechanism of Daytime Periodic Breathing in Patients with Heart Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 237-246.	2.5	20
111	P187 IN SEVERE AORTIC STENOSIS, DECREASED SYSTEMIC VASCULAR RESISTANCE IS ASSOCIATED WITH A LARGER, THICKER WALLED VENTRICLE EXCEPT FOR THE SEPTUM. <i>Artery Research</i> , 2017, 20, 107.	0.3	0
112	Improved Exercise-Related Skeletal Muscle Oxygen Consumption Following Uptake of Endurance Training Measured Using Near-Infrared Spectroscopy. <i>Frontiers in Physiology</i> , 2017, 8, 1018.	1.3	30
113	Impact of microvascular obstruction on semiautomated techniques for quantifying acute and chronic myocardial infarction by cardiovascular magnetic resonance. <i>Open Heart</i> , 2016, 3, e000535.	0.9	18
114	Residual Myocardial Iron Following Intramyocardial Hemorrhage During the Convalescent Phase of Reperfused ST-Segment Elevation Myocardial Infarction and Adverse Left Ventricular Remodeling. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	1.3	120
115	Cardiac MRI evaluation of myocardial disease. <i>Heart</i> , 2016, 102, 1429-1435.	1.2	62
116	Response to Letters Regarding Article, "Prognostic Value of Late Gadolinium Enhancement Cardiovascular Magnetic Resonance in Cardiac Amyloidosis" • <i>Circulation</i> , 2016, 133, e450-1.	1.6	4
117	Organisation & models of cardio-oncology clinics. <i>International Journal of Cardiology</i> , 2016, 214, 381-382.	0.8	8
118	Ultrafast Magnetic Resonance Imaging for Iron Quantification in Thalassemia Participants in the Developing World. <i>Circulation</i> , 2016, 134, 432-434.	1.6	23
119	Provision of magnetic resonance imaging for patients with "MR-conditional" cardiac implantable electronic devices: an unmet clinical need. <i>Europace</i> , 2016, 19, euw063.	0.7	22
120	Automated Extracellular Volume Fraction Mapping Provides Insights Into the Pathophysiology of Left Ventricular Remodeling Post-Reperfused ST-Elevation Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	46
121	Reproducibility of native T1 mapping using ShMOLLI and MOLLI - implications for sample size calculation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P2.	1.6	4
122	Detection of metallic cobalt and chromium liver deposition following failed hip replacement using T2* and R2 magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 29.	1.6	24
123	Automatic Measurement of the Myocardial Interstitium. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 54-63.	2.3	127
124	Defining left ventricular remodeling following acute ST-segment elevation myocardial infarction using cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 26.	1.6	55
125	Quantification of both the area-at-risk and acute myocardial infarct size in ST-segment elevation myocardial infarction using T1-mapping. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 57.	1.6	41
126	Myocardial T1 Mapping. <i>Circulation Journal</i> , 2015, 79, 487-494.	0.7	69



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127	29â€¦Synthetic ECV â€œ simplifying ECV quantification by deriving haematocrit from T1 blood. Heart, 2015, 101, A16.2-A17.	1.2	2
128	Abnormal septal convexity into the left ventricle occurs in subclinical hypertrophic cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 64.	1.6	19
129	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
130	Evidence that conflict regarding size of haemodynamic response to interventricular delay optimization of cardiac resynchronization therapy may arise from differences in how atrioventricular delay is kept constant. Europace, 2015, 17, 1823-1833.	0.7	14
131	Effect of Study Design on the Reported Effect of Cardiac Resynchronization Therapy (CRT) on Quantitative Physiological Measures: Stratified Metaâ€¦Analysis in Narrowâ€¦QRS Heart Failure and Implications for Planning Future Studies. Journal of the American Heart Association, 2015, 4, e000896.	1.6	10
132	Splenic Switch-off: A Tool to Assess Stress Adequacy in Adenosine Perfusion Cardiac MR Imaging. Radiology, 2015, 276, 732-740.	3.6	75
133	Safe use of MRI in people with cardiac implantable electronic devices. Heart, 2015, 101, 1950-1953.	1.2	25
134	Prognostic Value of Late Gadolinium Enhancement Cardiovascular Magnetic Resonance in Cardiac Amyloidosis. Circulation, 2015, 132, 1570-1579.	1.6	442
135	42â€¦Meta-Analysis Identifying the Source of Conflict Between Different Trial Reports on the Effect of CRT in Heart Failure with Narrow QRS Complexes. Heart, 2014, 100, A23.1-A23.	1.2	1
136	40â€¦The Effect of Altering AV Delay on the Pre-Ejection Period in Patients with Biventricular Pacemakers. Heart, 2014, 100, A22.1-A22.	1.2	0
137	Patient-Accessible Tool for Shared Decision Making in Cardiovascular Primary Prevention. Circulation, 2014, 129, 2539-2546.	1.6	74
138	Automated speckle tracking algorithm to aid on-axis imaging in echocardiography. Journal of Medical Imaging, 2014, 1, 037001.	0.8	1
139	Calibration of echocardiographic tissue doppler velocity, using simple universally applicable methods. , 2014, , .		0
140	Novel cardiac pacemaker-based human model of periodic breathing to develop real-time, pre-emptive technology for carbon dioxide stabilisation. Open Heart, 2014, 1, e000055.	0.9	4
141	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
142	Applicability of the iterative technique for cardiac resynchronization therapy optimization: full-disclosure, 50-sequential-patient dataset of transmitral Doppler traces, with implications for future research design and guidelines. Europace, 2014, 16, 541-550.	0.7	16
143	Definitions of Outcome, Response and Effect in Imaging Research to Avoid Confusion. JACC: Cardiovascular Imaging, 2014, 7, 104-106.	2.3	5
144	What proportion of symptomatic side effects in patients taking statins are genuinely caused by the drug? Systematic review of randomized placebo-controlled trials to aid individual patient choice. European Journal of Preventive Cardiology, 2014, 21, 464-474.	0.8	169

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145	Serum albumin changes and multivariate dynamic risk modelling in chronic heart failure. <i>International Journal of Cardiology</i> , 2014, 176, 437-443.	0.8	20
146	Guidance for accurate and consistent tissue Doppler velocity measurement: comparison of echocardiographic methods using a simple vendor-independent method for local validation. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 817-827.	0.5	13
147	39â€¦Evidence that Haemodynamic Response to VV Delay Optimisation of Crt Devices May be Simply a Function of the Method of Programming AV Delay. <i>Heart</i> , 2014, 100, A21.2-A22.	1.2	0
148	A novel fully automated method for mitral regurgitant orifice area quantification. <i>International Journal of Cardiology</i> , 2013, 166, 688-695.	0.8	7
149	First-in-man safety evaluation of renal denervation for chronic systolic heart failure: Primary outcome from REACH-Pilot study. <i>International Journal of Cardiology</i> , 2013, 162, 189-192.	0.8	274
150	Evidence-based recommendations for PISA measurements in mitral regurgitation: systematic review, clinical and in-vitro study. <i>International Journal of Cardiology</i> , 2013, 168, 1220-1228.	0.8	19
151	Choosing between velocity-time-integral ratio and peak velocity ratio for calculation of the dimensionless index (or aortic valve area) in serial follow-up of aortic stenosis. <i>International Journal of Cardiology</i> , 2013, 167, 1524-1531.	0.8	20
152	Metaâ€¦analysis of the comparative effects of different classes of antihypertensive agents on brachial and central systolic blood pressure, and augmentation index. <i>British Journal of Clinical Pharmacology</i> , 2013, 75, 79-92.	1.1	85
153	Metaâ€¦analysis of symptomatic response attributable to the pacing component of cardiac resynchronization therapy. <i>European Journal of Heart Failure</i> , 2013, 15, 1419-1428.	2.9	40
154	Attenuation of Wave Reflection by Wave Entrapment Creates a â€œHorizon Effectâ€•in the Human Aorta. <i>Hypertension</i> , 2012, 60, 778-785.	1.3	79
155	The Acute Effects of Changes to AV Delay on BP and Stroke Volume. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 122-130.	2.1	34
156	001â€¦Unbiased assessment of symptomatic â€œresponse rateâ€•to cardiac resynchronisation therapy by systematic review of randomised controlled trials (REVERSE, MIRACLE, MIRACLE ICD, MIRACLE ICD II,) Tj ETQq0 0 0r.rgBT /Overlock 10 TF		
157	010â€¦Multicentre validation of the adverse prognostic implications of declining serum albumin levels in chronic heart failure. <i>Heart</i> , 2012, 98, A9.1-A9.	1.2	0
158	003â€¦Validating markers of mechanical dyssynchrony by experimental manipulation of interventricular timings: what is needed to make them a reasonable prospect for cardiac resynchronisation therapy selection?. <i>Heart</i> , 2012, 98, A5.1-A5.	1.2	2
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