

Pankaj Garg

List of Publications by Year in descending order

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Version: 2024-02-01

209
papers

3,366
citations

212478

28
h-index

206121

51
g-index

211
all docs

211
docs citations

211
times ranked

4616
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiovascular examination using hand-held cardiac ultrasound. <i>Journal of Echocardiography</i> , 2022, 20, 1-9.	0.4	5
2	Sodium glucose co-transporter 2 inhibitors in heart failure with preserved ejection fraction: a systematic review and meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2022, 29, e227-e229.	0.8	18
3	Ventricular flow analysis and its association with exertional capacity in repaired tetralogy of Fallot: 4D flow cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 4.	1.6	15
4	Valvular Cardiomyopathy: The Value of Cardiovascular Magnetic Resonance Imaging. <i>Cardiology Research and Practice</i> , 2022, 2022, 1-9.	0.5	2
5	CMR Measures of Left Atrial Volume Index and Right Ventricular Function Have Prognostic Value in Chronic Thromboembolic Pulmonary Hypertension. <i>Frontiers in Medicine</i> , 2022, 9, 840196.	1.2	2
6	Imaging and Risk Stratification in Pulmonary Arterial Hypertension: Time to Include Right Ventricular Assessment. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 797561.	1.1	7
7	Training and clinical testing of artificial intelligence derived right atrial cardiovascular magnetic resonance measurements. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 25.	1.6	8
8	Left ventricular four-dimensional blood flow distribution, energetics, and vorticity in chronic myocardial infarction patients with/without left ventricular thrombus. <i>European Journal of Radiology</i> , 2022, 150, 110233.	1.2	4
9	Cardiac magnetic resonance identifies raised left ventricular filling pressure: prognostic implications. <i>European Heart Journal</i> , 2022, 43, 2511-2522.	1.0	32
10	Validation of aortic valve pressure gradient quantification using semi-automated 4D flow CMR pipeline. <i>BMC Research Notes</i> , 2022, 15, 151.	0.6	3
11	Training and Clinical Validation of Artificial Intelligence Derived Right Atrial Cardiovascular Magnetic Resonance Measurements. , 2022, , .		0
12	Isolated OPCABG in moderate chronic ischemic mitral regurgitation: is it a justifiable alternative approach ?. <i>General Thoracic and Cardiovascular Surgery</i> , 2022, , .	0.4	0
13	Right ventricular remodelling in pulmonary arterial hypertension predicts treatment response. <i>Heart</i> , 2022, 108, 1392-1400.	1.2	15
14	Mitral regurgitation quantified by CMR 4D-flow is associated with microvascular obstruction post reperfused ST-segment elevation myocardial infarction. <i>BMC Research Notes</i> , 2022, 15, 181.	0.6	5
15	Streamline-based three-dimensional peak-velocity tracing of transvalvular flow using four-dimensional flow cardiac magnetic resonance imaging for left ventricular diastolic assessment in aortic regurgitation: a case report. <i>Journal of Medical Case Reports</i> , 2022, 16, 205.	0.4	3
16	Management of asymptomatic severe aortic stenosis: a systematic review and meta-analysis. <i>Open Heart</i> , 2022, 9, e001982.	0.9	7
17	Cardiovascular medication in patients with raised NT-proBNP, but no heart failure in the SHEAF registry. <i>Open Heart</i> , 2022, 9, e001974.	0.9	0
18	Validation of Artificial Intelligence Cardiac MRI Measurements: Relationship to Heart Catheterization and Mortality Prediction. <i>Radiology</i> , 2022, 305, 68-79.	3.6	12

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19	Ultrasml Superparamagnetic Particles of Iron Oxide and Cardiac Magnetic Resonance: Novel Imaging in Everyday Conditions. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6913.	1.3	2
20	Meta-analysis of echocardiographic quantification of left ventricular filling pressure. <i>ESC Heart Failure</i> , 2021, 8, 566-576.	1.4	27
21	Cardiac MRI for the prognostication of heart failure with preserved ejection fraction: A systematic review and meta-analysis. <i>Magnetic Resonance Imaging</i> , 2021, 76, 116-122.	1.0	20
22	Cardiac Amyloidosis. , 2021, , 37-69.		0
23	Left ventricular fibrosis and hypertrophy are associated with mortality in heart failure with preserved ejection fraction. <i>Scientific Reports</i> , 2021, 11, 617.	1.6	33
24	Multicenter Consistency Assessment of Valvular Flow Quantification With Automated Valve Tracking in 4D Flow CMR. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1354-1366.	2.3	21
25	Feasibility and validation of trans-valvular flow derived by four-dimensional flow cardiovascular magnetic resonance imaging in patients with atrial fibrillation. <i>Wellcome Open Research</i> , 2021, 6, 73.	0.9	5
26	SAUN: Stack attention U-Net for left ventricle segmentation from cardiac cine magnetic resonance imaging. <i>Medical Physics</i> , 2021, 48, 1750-1763.	1.6	15
27	Association Between Renin-Angiotensin-Aldosterone System Inhibitors and Clinical Outcomes in Patients With COVID-19. <i>JAMA Network Open</i> , 2021, 4, e213594.	2.8	92
28	Left ventricular blood flow kinetic energy is associated with the six-minute walk test and left ventricular remodelling post valvular intervention in aortic stenosis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 1470-1482.	1.1	2
29	Feasibility and validation of trans-valvular flow derived by four-dimensional flow cardiovascular magnetic resonance imaging in patients with atrial fibrillation. <i>Wellcome Open Research</i> , 2021, 6, 73.	0.9	7
30	Detrimental Immediate- and Medium-Term Clinical Effects of Right Ventricular Pacing in Patients With Myocardial Fibrosis. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012256.	1.3	3
31	Cardiovascular magnetic resonance predicts all-cause mortality in pulmonary hypertension associated with heart failure with preserved ejection fraction. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 3019-3025.	0.7	12
32	Biomarkers Associated with Mortality in Aortic Stenosis: A Systematic Review and Meta-Analysis. <i>Medical Sciences (Basel, Switzerland)</i> , 2021, 9, 29.	1.3	10
33	Standard and emerging CMR methods for mitral regurgitation quantification. <i>International Journal of Cardiology</i> , 2021, 331, 316-321.	0.8	24
34	Myocardial T1-mapping and extracellular volume in pulmonary arterial hypertension: A systematic review and meta-analysis. <i>Magnetic Resonance Imaging</i> , 2021, 79, 66-75.	1.0	16
35	Clinical Translation of Three-Dimensional Scar, Diffusion Tensor Imaging, Four-Dimensional Flow, and Quantitative Perfusion in Cardiac MRI: A Comprehensive Review. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 682027.	1.1	11
36	Reproducibility of left ventricular blood flow kinetic energy measured by four-dimensional flow CMR. <i>BMC Research Notes</i> , 2021, 14, 289.	0.6	1

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37	Diagnostic accuracy of handheld cardiac ultrasound device for assessment of left ventricular structure and function: systematic review and meta-analysis. <i>Heart</i> , 2021, 107, 1826-1834.	1.2	15
38	Impact of age, sex and ethnicity on intra-cardiac flow components and left ventricular kinetic energy derived from 4D flow CMR. <i>International Journal of Cardiology</i> , 2021, 336, 105-112.	0.8	10
39	The Role of SGLT2 Inhibitors in Heart Failure: A Systematic Review and Meta-Analysis. <i>Cardiology Research and Practice</i> , 2021, 2021, 1-11.	0.5	22
40	MA-SOCRATIS: An automatic pipeline for robust segmentation of the left ventricle and scar. <i>Computerized Medical Imaging and Graphics</i> , 2021, 93, 101982.	3.5	5
41	Cardiovascular magnetic resonance imaging: emerging techniques and applications. <i>Heart</i> , 2021, 107, 697-704.	1.2	16
42	Characterisation of the patients with suspected heart failure: experience from the SHEAF registry. <i>Open Heart</i> , 2021, 8, e001448.	0.9	10
43	A machine learning cardiac magnetic resonance approach to extract disease features and automate pulmonary arterial hypertension diagnosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 236-245.	0.5	40
44	Mitral valve disease in sarcoidosis diagnosed by cardiovascular magnetic resonance. <i>Lancet</i> , The, 2021, 398, 1358.	6.3	3
45	The importance of three dimensional coronary artery reconstruction accuracy when computing virtual fractional flow reserve from invasive angiography. <i>Scientific Reports</i> , 2021, 11, 19694.	1.6	9
46	Left ventricular blood flow energetics after acute ST-segment elevation myocardial infarction associate with left ventricular remodeling. <i>European Heart Journal</i> , 2021, 42, .	1.0	0
47	Myocardial inflammation and energetics by cardiac MRI: a review of emerging techniques. <i>BMC Medical Imaging</i> , 2021, 21, 164.	1.4	8
48	Four-dimensional flow cardiovascular magnetic resonance for the assessment of mitral stenosis. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab465.	0.3	3
49	Assessment of mitral valve regurgitation by cardiovascular magnetic resonance imaging. <i>Nature Reviews Cardiology</i> , 2020, 17, 298-312.	6.1	103
50	Myocardial Effects of Aldosterone Antagonism in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2020, 9, e011521.	1.6	21
51	Feasibility and reproducibility of a cardiovascular magnetic resonance free-breathing, multi-shot, navigated image acquisition technique for ventricular volume quantification during continuous exercise. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 1837-1851.	1.1	5
52	Validation of four-dimensional flow cardiovascular magnetic resonance for aortic stenosis assessment. <i>Scientific Reports</i> , 2020, 10, 10569.	1.6	29
53	Age-associated changes in 4D flow CMR derived Tricuspid Valvular Flow and Right Ventricular Blood Flow Kinetic Energy. <i>Scientific Reports</i> , 2020, 10, 9908.	1.6	13
54	Cardiac Magnetic Resonance in Pulmonary Hypertensionâ€”an Update. <i>Current Cardiovascular Imaging Reports</i> , 2020, 13, 30.	0.4	16

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55	Feasibility and validation of trans-valvular flow derived by four-dimensional flow cardiovascular magnetic resonance imaging in pacemaker recipients. <i>Magnetic Resonance Imaging</i> , 2020, 74, 46-55.	1.0	5
56	Left Ventricular Blood Flow Kinetic Energy Assessment by 4D Flow Cardiovascular Magnetic Resonance: A Systematic Review of the Clinical Relevance. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 37.	0.8	10
57	Clinical predictors of all-cause mortality in patients presenting to specialist heart failure clinic with raised NT-proBNP and no heart failure. <i>ESC Heart Failure</i> , 2020, 7, 1791-1800.	1.4	7
58	Diagnostic accuracy of CT pulmonary angiography in suspected pulmonary hypertension. <i>European Radiology</i> , 2020, 30, 4918-4929.	2.3	29
59	Left ventricular thrombus formation in myocardial infarction is associated with altered left ventricular blood flow energetics. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 108-117.	0.5	57
60	Intracardiac 4D Flow MRI in Congenital Heart Disease: Recommendations on Behalf of the ISMRM Flow & Motion Study Group. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, spcone.	1.9	35
61	Intracardiac 4D Flow MRI in Congenital Heart Disease: Recommendations on Behalf of the ISMRM Flow & Motion Study Group. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 677-681.	1.9	32
62	A Systematic Review of 4D-Flow MRI Derived Mitral Regurgitation Quantification Methods. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 103.	1.1	32
63	Regression of Left Ventricular Mass in Athletes Undergoing Complete Detraining Is Mediated by Decrease in Intracellular but Not Extracellular Compartments. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009417.	1.3	18
64	The Role of Cardiac MRI in the Management of Ventricular Arrhythmias in Ischaemic and Non-ischaemic Dilated Cardiomyopathy. <i>Arrhythmia and Electrophysiology Review</i> , 2019, 8, 191-201.	1.3	18
65	A Systematic Review of Right Ventricular Diastolic Assessment by 4D Flow CMR. <i>BioMed Research International</i> , 2019, 2019, 1-8.	0.9	17
66	Early and late mortality and morbidity after post-MI ventricular septal rupture repair: predictors, strategies, and results. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 35, 437-444.	0.2	5
67	Silent cerebral infarction and cognitive function following TAVI: an observational two-centre UK comparison of the first-generation CoreValve and second-generation Lotus valve. <i>BMJ Open</i> , 2019, 9, e022329.	0.8	6
68	Mineralocorticoid receptor antagonist pre-treatment and early post-treatment to minimize reperfusion injury after ST-elevation myocardial infarction: The MINIMIZE STEMI trial. <i>American Heart Journal</i> , 2019, 211, 60-67.	1.2	18
69	25-...Mitral inflow velocity encoded imaging by CMR for the assessment of left ventricular haemodynamics. , 2019, , .		0
70	26-...A non-invasive CMR assessment for predicting mean pulmonary artery pressure in pulmonary hypertension. , 2019, , .		0
71	27-...Mixed venous oxygen levels in pulmonary hypertension is associated with right heart multi-parametric assessment. , 2019, , .		0
72	CMR quantitation of change in mitral regurgitation following transcatheter aortic valve replacement (TAVR): impact on left ventricular reverse remodeling and outcome. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 161-170.	0.7	10

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73	Feasibility study of a single breath-hold, 3D mDIXON pulse sequence for late gadolinium enhancement imaging of ischemic scar. Journal of Magnetic Resonance Imaging, 2019, 49, 1437-1445.	1.9	11
74	Clinical evaluation of two dark blood methods of late gadolinium quantification of ischemic scar. Journal of Magnetic Resonance Imaging, 2019, 50, 146-152.	1.9	15
75	â€œRFEFâ€ and mitral regurgitation jet direction: surrogate markers for likelihood of left ventricle reverse remodeling in patients with moderate chronic ischemic mitral regurgitation. Indian Journal of Thoracic and Cardiovascular Surgery, 2019, 35, 158-167.	0.2	2
76	â€˜CLASâ€™™ score: an objective tool to standardize and predict mitral valve repairability. Indian Journal of Thoracic and Cardiovascular Surgery, 2019, 35, 15-24.	0.2	5
77	Diagnosis of Pulmonary Hypertension with Cardiac MRI: Derivation and Validation of Regression Models. Radiology, 2019, 290, 61-68.	3.6	43
78	Deep Learningâ€“based Method for Fully Automatic Quantification of Left Ventricle Function from Cine MR Images: A Multivendor, Multicenter Study. Radiology, 2019, 290, 81-88.	3.6	152
79	Effect of Red Blood Cell Storage Duration on Outcome After Paediatric Cardiac Surgery: A Prospective Observational Study. Heart Lung and Circulation, 2019, 28, 784-791.	0.2	9
80	Effects of hyperaemia on left ventricular longitudinal strain in patients with suspected coronary artery disease. Netherlands Heart Journal, 2018, 26, 85-93.	0.3	10
81	Cardiovascular magnetic resonance measures of aortic stiffness in asymptomatic patients with type 2 diabetes: association with glycaemic control and clinical outcomes. Cardiovascular Diabetology, 2018, 17, 35.	2.7	15
82	Cardiovascular magnetic resonance assessment of 1st generation CoreValve and 2nd generation Lotus valves. Journal of Interventional Cardiology, 2018, 31, 391-399.	0.5	6
83	CT derived left atrial size identifies left heart disease in suspected pulmonary hypertension: Derivation and validation of predictive thresholds. International Journal of Cardiology, 2018, 260, 172-177.	0.8	17
84	Comparison of fast acquisition strategies in whole-heart four-dimensional flow cardiac MR: Two-center, 1.5 Tesla, phantom and in vivo validation study. Journal of Magnetic Resonance Imaging, 2018, 47, 272-281.	1.9	52
85	Quantitative deformation analysis differentiates ischaemic and non-ischaemic cardiomyopathy: sub-group analysis of the VINDICATE trial. European Heart Journal Cardiovascular Imaging, 2018, 19, 816-823.	0.5	7
86	Role of Cardiac T1 Mapping and Extracellular Volume (ECV) in the Assessment of Myocardial Infarction. Anatolian Journal of Cardiology, 2018, 19, 404-411.	0.5	17
87	12â€˜...Cardiac effects of complete enforced detraining assessed by cardiovascular magnetic resonance. , 2018, , .		0
88	4â€˜...Four-dimensional left ventricular blood flow energetics independently predict adverse remodelling post st-elevation myocardial infarction. , 2018, , .		0
89	49â€˜...Reduced myocardial perfusion reserve in systolic heart failure a therapeutic target?. , 2018, , .		0
90	17â€˜...Single breath-hold, 3d mdixon pulse sequence for late gadolinium enhancement imaging of ischaemic scar: a feasibility study. , 2018, , .		0

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91	Comparison of Image Acquisition Techniques in Four-Dimensional Flow Cardiovascular MR on 3 Tesla in Volunteers and Tetralogy of Fallot Patients. , 2018, 2018, 1115-1118.		6
92	P5646Cardiac effects of complete enforced detraining assessed by cardiovascular magnetic resonance. European Heart Journal, 2018, 39, .	1.0	0
93	Impact of Age and Diastolic Function on Novel, 4D flow CMR Biomarkers of Left Ventricular Blood Flow Kinetic Energy. Scientific Reports, 2018, 8, 14436.	1.6	42
94	Left ventricular blood flow kinetic energy after myocardial infarction - insights from 4D flow cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 61.	1.6	64
95	Fully automated, inline quantification of myocardial blood flow with cardiovascular magnetic resonance: repeatability of measurements in healthy subjects. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 48.	1.6	54
96	51â€¦Assessment of cardiovascular response during continuous exercise using multi-shot, navigated, steady-state free precession cardiovascular magnetic resonance imaging: a pilot study of healthy controls. , 2018, , .		0
97	Surgical removal of failed ruptured Sinus of Valsalva Aneurysm device. Asian Cardiovascular and Thoracic Annals, 2017, 25, 213-215.	0.2	0
98	Effect of cellular and extracellular pathology assessed by T1 mapping on regional contractile function in hypertrophic cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2017, 19, 16.	1.6	32
99	Cardiac biomarkers of acute coronary syndrome: from history to high-sensitivity cardiac troponin. Internal and Emergency Medicine, 2017, 12, 147-155.	1.0	186
100	The utility of global longitudinal strain in the identification of prior myocardial infarction in patients with preserved left ventricular ejection fraction. International Journal of Cardiovascular Imaging, 2017, 33, 1561-1569.	0.7	21
101	029â€¦Diabetes, microalbuminuria and subclinical cardiac disease: identification and monitoring of individuals at risk of heart failure. Heart, 2017, 103, A25-A25.	1.2	1
102	026â€¦Dimensional flow cardiovascular magnetic resonance: two-centre, 1.5t, phantom and in-vivo validation study. Heart, 2017, 103, A21.2-A22.	1.2	0
103	Cardiac T1 Mapping and Extracellular Volume (ECV) in clinical practice: a comprehensive review. Journal of Cardiovascular Magnetic Resonance, 2017, 18, 89.	1.6	551
104	Synthetic Myocardial Extracellular Volumeâ€”Fraction. JACC: Cardiovascular Imaging, 2017, 10, 1402-1404.	2.3	30
105	Effect of Prime Blood Storage Duration on Clinical Outcome After Pediatric Cardiac Surgery. World Journal for Pediatric & Congenital Heart Surgery, 2017, 8, 166-173.	0.3	3
106	Hemodiafiltrationâ€”A Technique for Physiological Correction of Priming Solution in Pediatric Cardiac Surgery: An In Vitro Study. Artificial Organs, 2017, 41, 773-778.	1.0	4
107	Clinical applications of intra-cardiac four-dimensional flow cardiovascular magnetic resonance: A systematic review. International Journal of Cardiology, 2017, 249, 486-493.	0.8	62
108	Normokalemic nondepolarizing long-acting blood cardioplegia. Asian Cardiovascular and Thoracic Annals, 2017, 25, 495-501.	0.2	1

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109	Diabetes Mellitus, Microalbuminuria, and Subclinical Cardiac Disease: Identification and Monitoring of Individuals at Risk of Heart Failure. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	67
110	Transverse Split Sternotomy. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017, 12, 275-281.	0.4	2
111	Native T1 Mapping. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	1
112	Acute Infarct Extracellular Volume Mapping to Quantify Myocardial Area at Risk and Chronic Infarct Size on Cardiovascular Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	39
113	The role of left ventricular deformation in the assessment of microvascular obstruction and intramyocardial haemorrhage. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 361-370.	0.7	18
114	105â€¦Differences in myocardial mechanics between ischaemic and non-ischaemic cardiomyopathy assessed by cmr: a sub-group analysis of the vindicate trial. <i>Heart</i> , 2017, 103, A77.2-A78.	1.2	0
115	THU0101â€¦Cardiovascular magnetic resonance imaging characterisation of cardiovascular abnormalities in individuals at risk of developing rheumatoid arthritis. , 2017, , .		0
116	104â€¦A service review and comparison of resource?utilisation with the change in recommendations from nice 2010 cg95 to the nice 2016update (chest pain of recent onset: assessment and diagnosis). <i>Heart</i> , 2017, 103, A77.1-A77.	1.2	0
117	Dialyzer-based cell salvage system: a superior alternative to conventional cell salvage in off-pump coronary artery bypass grafting. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 24, iw371.	0.5	2
118	Myocardial strain and symptom severity in severe aortic stenosis: insights from cardiovascular magnetic resonance. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017, 7, 38-47.	1.1	29
119	Single-Dose Lignocaine-Based Blood Cardioplegia in Single Valve Replacement Patients. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2017, 32, 90-95.	0.2	6
120	Post-procedural myocardial infarction following surgical aortic valve replacement and transcatheter aortic valve implantation. <i>EuroIntervention</i> , 2017, 13, e153-e160.	1.4	7
121	Athletic Cardiac Adaptation in Males Is a Consequence of Elevated Myocyte Mass. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e003579.	1.3	95
122	Relationship between cardiac deformation parameters measured by cardiovascular magnetic resonance and aerobic fitness in endurance athletes. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 48.	1.6	26
123	Ventricular longitudinal function is associated with microvascular obstruction and intramyocardial haemorrhage. <i>Open Heart</i> , 2016, 3, e000337.	0.9	7
124	Sex-related differences in left ventricular remodeling in severe aortic stenosis and reverse remodeling after aortic valve replacement: A cardiovascular magnetic resonance study. <i>American Heart Journal</i> , 2016, 175, 101-111.	1.2	52
125	Assessing Myocardial Extracellular Volume by T1 Mapping to Distinguish Hypertrophic Cardiomyopathy From Athlete's Heart. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2189-2190.	1.2	105
126	Acute Reverse Remodelling After Transcatheter Aortic Valve Implantation: A Link Between Myocardial Fibrosis and Left Ventricular Mass Regression. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1411-1418.	0.8	29

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127	Right ventricular function following surgical aortic valve replacement and transcatheter aortic valve implantation: A cardiovascular MR study. <i>International Journal of Cardiology</i> , 2016, 223, 639-644.	0.8	14
128	Advanced Analysis Techniques for Intra-cardiac Flow Evaluation from 4D Flow MRI. <i>Current Radiology Reports</i> , 2016, 4, 38.	0.4	38
129	38â€¦Myocardial Infarction following Surgical and Trans-Catheter Aortic Valve Replacement â€œ Is Peri-Procedural Revascularisation for TAVI Necessary?. <i>Heart</i> , 2016, 102, A26.2-A27.	1.2	0
130	10â€¦Quantitative myocardial perfusion and longitudinal strain by feature tracking in newly diagnosed, treatment naïve rheumatoid arthritis. <i>Heart</i> , 2016, 102, A7.2-A8.	1.2	0
131	9â€¦Global longitudinal strain using feature tracking identifies the presence of chronic myocardial infarction in patients with normal LV ejection fraction. <i>Heart</i> , 2016, 102, A7.1-A7.	1.2	0
132	39â€¦The Impact of New Left Bundle Branch Block Following Trans-Catheter Aortic Valve Impantation. Is There a TAVI LBBB-induced Cardiomyopathy? Insights from Cardiovascular Magnetic Resonance Imaging. <i>Heart</i> , 2016, 102, A27-A28.	1.2	0
133	42â€¦Gender Differences in Response to Transcatheter Aortic Valve Implantation in Patients with Severe Aortic Stenosis Assessed by Feature Tracking. <i>Heart</i> , 2016, 102, A30.2-A31.	1.2	0
134	40â€¦Quantification of Aortic Regurgitation Following Transcatheter Aortic Valve Implantation (TAVI): A CMR Study of Two Prosthesis Designs. <i>Heart</i> , 2016, 102, A28-A29.	1.2	0
135	11â€¦Left ventricular end diastolic filling pressure predicted by left atrial strain measured by feature tracking. <i>Heart</i> , 2016, 102, A8-A8.	1.2	0
136	Post-procedural myocardial infarction following surgical and trans-catheter aortic valve replacement - mechanistic insights from cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P337.	1.6	0
137	Reliability and reproducibility of trans-valvular flow measurement by 4D flow magnetic resonance imaging in acute myocardial infarct patients: two centre study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P36.	1.6	3
138	Diagnostic accuracy of Dixon water fat suppression coronary artery magnetic resonance angiography at 3.0 Tesla. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, Q11.	1.6	0
139	A Novel and Practical Screening Tool for the Detection of Silent Myocardial Infarction in Patients With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3316-3323.	1.8	15
140	Noninvasive cardiac imaging in suspected acute coronary syndrome. <i>Nature Reviews Cardiology</i> , 2016, 13, 266-275.	6.1	14
141	Cardiovascular magnetic resonance evaluation of symptomatic severe aortic stenosis: association of circumferential myocardial strain and mortality. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 13.	1.6	30
142	The impact of trans-catheter aortic valve replacement induced left-bundle branch block on cardiac reverse remodeling. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 22.	1.6	21
143	Extra-cellular expansion in the normal, non-infarcted myocardium is associated with worsening of regional myocardial function after acute myocardial infarction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 73.	1.6	28
144	Chest Pain of Uncertain Aetiology: Role of Contrast Enhanced Computed Tomography in the Emergency Department. <i>Open Cardiovascular Medicine Journal</i> , 2016, 10, 205-211.	0.6	0

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145	Reply to Fluorescein Dye-Assisted Identification of Multiple VSDs. World Journal for Pediatric & Congenital Heart Surgery, 2015, 6, 487-487.	0.3	0
146	86-Abnormal Left Ventricular Geometry is Prevalent in Asymptomatic Patients with Established Rheumatoid Arthritis Compared with those with Early Disease and Healthy Controls. Heart, 2015, 101, A47-A48.	1.2	0
147	22-Surgical aortic valve replacement (SAVR) upon right ventricular function: a cardiac mri study: Abstract 22 Table 1. Heart, 2015, 101, A12.2-A13.	1.2	0
148	16-Relationship of mitral annular plane systolic excursion and intra-myocardial haemorrhage in reperfused st-elevation myocardial infarction. Heart, 2015, 101, A8.2-A9.	1.2	0
149	21-Left atrial remodelling following treatment of symptomatic severe aortic stenosis. Heart, 2015, 101, A12.1-A12.	1.2	0
150	85-Newly Diagnosed, Treatment-Naive Patients with Rheumatoid Arthritis have early Abnormalities of Vascular and Myocardial Function. Heart, 2015, 101, A46.2-A47.	1.2	0
151	87-Dilatation of the Thoracic Aorta and Increased Arterial Stiffness is Common in Patients with Giant Cell Arteritis - Preliminary Findings from a Cardiac Magnetic Resonance Study. Heart, 2015, 101, A48.1-A48.	1.2	0
152	95-Left Ventricular Mass Regression Occurs very early following Transcatheter Aortic Valve Implantation for Severe Aortic Stenosis. Heart, 2015, 101, A54-A55.	1.2	0
153	Pretransfusion Comparison of Dialyser-Based Hemoconcentrator with Cell Saver System for Perioperative Cell Salvage. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2015, 10, 334-341.	0.4	6
154	Imaging Tuberos Sclerosis: The Incremental Benefit of Three-Dimensional and Speckle Tracking Echocardiography. Echocardiography, 2015, 32, 1432-1434.	0.3	1
155	97-Men and Women differ in their Adaptation to Aortic Stenosis and in Reverse Remodelling following Aortic Valve Intervention. Heart, 2015, 101, A55.2-A56.	1.2	0
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