Bharath Ambale Venkatesh

List of Publications by Year
in descending order

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152	4,342	109321	133252
papers	citations	35 h-index	59 g-index

181	181	181	7207
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cardiovascular Event Prediction by Machine Learning. Circulation Research, 2017, 121, 1092-1101.	4.5	414
2	Reference ranges (â€œnormal valuesâ€) for cardiovascular magnetic resonance (CMR) in adults and children: 2020 update. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 87.	3.3	233
3	Cardiac MRI: a central prognostic tool in myocardial fibrosis. Nature Reviews Cardiology, 2015, 12, 18-29.	13.7	164
4	Analysis of cardiac magnetic resonance imaging in 36,000 individuals yields genetic insights into dilated cardiomyopathy. Nature Communications, 2020, 11, 2254.	12.8	140
5	Association of Fitness in Young Adulthood With Survival and Cardiovascular Risk. JAMA Internal Medicine, 2016, 176, 87.	5.1	115
6	Cardiac Magnetic Resonanceâ€“Measured Left Atrial Volume and Function and Incident Atrial Fibrillation. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	104
7	Cumulative Blood Pressure in Early Adulthood and Cardiac Dysfunction in Middle Age. Journal of the American College of Cardiology, 2015, 65, 2679-2687.	2.8	103
8	Natural Selection on Genes Related to Cardiovascular Health in High-Altitude Adapted Andeans. American Journal of Human Genetics, 2017, 101, 752-767.	6.2	99
9	Associations of electrocardiographic P-wave characteristics with left atrial function, and diffuse left ventricular fibrosis defined by cardiac magnetic resonance: The PRIMERI Study. Heart Rhythm, 2015, 12, 155-162.	0.7	92
10	A Phase <scp>II</scp> study of autologous mesenchymal stromal cells and câ€kit positive cardiac cells, alone or in combination, in patients with ischaemic heart failure: the <scp>CCTRN CONCERTâ€HF</scp> trial. European Journal of Heart Failure, 2021, 23, 661-674.	7.1	89
11	Interstitial Fibrosis, Left Ventricular Remodeling, and Myocardial Mechanical Behavior in a Population-Based Multiethnic Cohort. Circulation: Cardiovascular Imaging, 2014, 7, 292-302.	2.6	86
12	Resting Heart Rate as Predictor for Left Ventricular Dysfunction and Heart Failure. Journal of the American College of Cardiology, 2014, 63, 1182-1189.	2.8	86
13	Association of Obesity in Early AdulthoodÂand Middle Age With IncipientÂLeft Ventricular Dysfunction andÂStructural Remodeling. JACC: Heart Failure, 2014, 2, 500-508.	4.1	85
14	Left atrial structure and functional quantitation using cardiovascular magnetic resonance and multimodality tissue tracking: validation and reproducibility assessment. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 52.	3.3	83
15	Association of Aortic Stiffness With Left Ventricular Remodeling and Reduced Left Ventricular Function Measured by Magnetic Resonance Imaging. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	79
16	Left ventricular shape variation in asymptomatic populations: the multi-ethnic study of atherosclerosis. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 56.	3.3	75
17	Raceâ€“Ethnic and Sex Differences in Left Ventricular Structure and Function: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. Journal of the American Heart Association, 2015, 4, e001264.	3.7	75
18	Left Atrial Mechanical Function and Incident Ischemic Cerebrovascular Events Independent of AF. JACC: Cardiovascular Imaging, 2019, 12, 2417-2427.	5.3	68

#	Article	IF	Citations
19	Association of Longitudinal Changes in Left Ventricular Structure and Function With Myocardial Fibrosis. Hypertension, 2014, 64, 508-515.	2.7	67
20	Aortic Arch Pulse Wave Velocity Assessed by Magnetic Resonance Imaging as a Predictor of Incident Cardiovascular Events. Hypertension, 2017, 70, 524-530.	2.7	67
21	Association of Liver Fibrosis With Cardiovascular Diseases in the General Population. Circulation: Cardiovascular Imaging, 2018, 11, e007241.	2.6	67
22	Cardiac and skeletal muscle effects in the randomized HOPE-Duchenne trial. Neurology, 2019, 92, e866-e878.	1.1	64
23	Relation of Torsion and Myocardial Strains to LV Ejection Fraction in Hypertension. JACC: Cardiovascular Imaging, 2012, 5, 273-281.	5.3	58
24	Multi-Ethnic Study of Atherosclerosis: Association between Left Atrial Function Using Tissue Tracking from Cine MR Imaging and Myocardial Fibrosis. Radiology, 2014, 273, 703-713.	7.3	58
25	Association of Elevated NT-proBNP With Myocardial Fibrosis in the Multi-Ethnic Study of Atherosclerosis (MESA). Journal of the American College of Cardiology, 2017, 70, 3102-3109.	2.8	58
26	Ten-year longitudinal change in aortic stiffness assessed by cardiac MRI in the second half of the human lifespan: the multi-ethnic study of atherosclerosis. European Heart Journal Cardiovascular Imaging, 2016, 17, 1044-1053.	1.2	52
27	Left Atrial Structure in Relationship to Age, Sex, Ethnicity, and Cardiovascular Risk Factors. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	52
28	Pulmonary vascular volume, impaired left ventricular filling and dyspnea: The MESA Lung Study. PLoS ONE, 2017, 12, e0176180.	2.5	50
29	Diastolic function assessed from tagged MRI predicts heart failure and atrial fibrillation over an 8-year follow-up period: the multi-ethnic study of atherosclerosis. European Heart Journal Cardiovascular Imaging, 2014, 15, 442-449.	1.2	47
30	Evaluation of Cell Therapy on Exercise Performance and Limb Perfusion in Peripheral Artery Disease. Circulation, 2017, 135, 1417-1428.	1.6	46
31	Left ventricular shape predicts different types of cardiovascular events in the general population. Heart, 2017, 103, 499-507.	2.9	45
32	Left atrial dimension and traditional cardiovascular risk factors predict 20-year clinical cardiovascular events in young healthy adults: the CARDIA study. European Heart Journal Cardiovascular Imaging, 2014, 15, 893-899.	1.2	44
33	Imaging Insights on the Aorta in Aging. Circulation: Cardiovascular Imaging, 2018, 11, e005617.	2.6	44
34	Inter-study reproducibility of cardiovascular magnetic resonance tagging. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 37.	3.3	41
35	Association of myocardial fibrosis and cardiovascular events: the multi-ethnic study of atherosclerosis. European Heart Journal Cardiovascular Imaging, 2019, 20, 168-176.	1.2	40
36	Association of left atrial structure and function and incident cardiovascular disease in patients with diabetes mellitus: results from multi-ethnic study of atherosclerosis (MESA). European Heart Journal Cardiovascular Imaging, 2017, 18, 1138-1144.	1.2	39

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37	Left ventricular global function index predicts incident heart failure and cardiovascular disease in young adults: the coronary artery risk development in young adults (CARDIA) study. European Heart Journal Cardiovascular Imaging, 2019, 20, 533-540.	1.2	39
38	Association of Cardiovascular Risk Factors and Myocardial Fibrosis With Early Cardiac Dysfunction in Type 1 Diabetes: The Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Study. Diabetes Care, 2017, 40, 405-411.	8.6	38
39	Reference Ranges and Regional Patterns of Left Ventricular Strain and Strain Rate Using Two-Dimensional Speckle-Tracking Echocardiography in a Healthy Middle-Aged Black and White Population: The CARDIA Study. Journal of the American Society of Echocardiography, 2017, 30, 647-658.e2.	2.8	34
40	Prevalence of Unexplained Left Ventricular Hypertrophy by Cardiac Magnetic Resonance Imaging in MESA. Journal of the American Heart Association, 2019, 8, e012250.	3.7	33
41	Left Atrioventricular Coupling Index as a Prognostic Marker of Cardiovascular Events: The MESA Study. Hypertension, 2021, 78, 661-671.	2.7	33
42	Comparison of strain measurement from multimodality tissue tracking with strain-encoding MRI and harmonic phase MRI in pulmonary hypertension. International Journal of Cardiology, 2015, 182, 342-348.	1.7	31
43	Electrocardiographic Impact of Myocardial Diffuse Fibrosis and Scar: MESA (Multi-Ethnic Study of) Tj ETQq1 1 0.784314 rgBT /Overlock	7.3	30
44	The impact of ambrisentan and tadalafil upfront combination therapy on cardiac function in scleroderma associated pulmonary arterial hypertension patients: cardiac magnetic resonance feature tracking study. Pulmonary Circulation, 2018, 8, 1-11.	1.7	30
45	Left Ventricular Hypertrophy and Remodeling and Risk of Cognitive Impairment and Dementia. Hypertension, 2018, 71, 429-436.	2.7	29
46	Association Between Inflammatory Markers and Myocardial Fibrosis. Hypertension, 2018, 72, 902-908.	2.7	29
47	Reproducibility of functional aortic analysis using magnetic resonance imaging: the MESA. European Heart Journal Cardiovascular Imaging, 2016, 17, 909-917.	1.2	28
48	Estimation of aortic pulse wave transit time in cardiovascular magnetic resonance using complex wavelet cross-spectrum analysis. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 65.	3.3	26
49	Metabolic Syndrome Is Associated With Impaired Diastolic Function Independently of MRI-Derived Myocardial Extracellular Volume: The MESA Study. Diabetes, 2018, 67, 1007-1012.	0.6	26
50	Cumulative blood pressure from early adulthood to middle age is associated with left atrial remodelling and subclinical dysfunction assessed by three-dimensional echocardiography: a prospective post hoc analysis from the coronary artery risk development in young adults study. European Heart Journal Cardiovascular Imaging, 2018, 19, 977-984.	1.2	26
51	Association of right atrial structure with incident atrial fibrillation: a longitudinal cohort cardiovascular magnetic resonanceÂstudy from the Multi-Ethnic Study of AtherosclerosisÂ(MESA). Journal of Cardiovascular Magnetic Resonance, 2020, 22, 36.	3.3	26
52	3D left ventricular strain from unwrapped harmonic phase measurements. Journal of Magnetic Resonance Imaging, 2010, 31, 854-862.	3.4	25
53	Hypertrabeculated Left Ventricular Myocardium in Relationship to Myocardial Function and Fibrosis: The Multi-Ethnic Study of Atherosclerosis. Radiology, 2017, 284, 667-675.	7.3	25
54	Rationale and Design for PACE: Patients with Intermittent Claudication Injected with ALDH Bright Cells. American Heart Journal, 2014, 168, 667-673.e2.	2.7	24

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55	Allogeneic Mesenchymal Cell Therapy in Anthracycline-Induced Cardiomyopathy HeartÂFailure Patients. JACC: CardioOncology, 2020, 2, 581-595.	4.0	24
56	Association of Aortic Root Dilation from Early Adulthood to Middle Age with Cardiac Structure and Function: The CARDIA Study. Journal of the American Society of Echocardiography, 2017, 30, 1172-1179.	2.8	23
57	Evaluation of Right Ventricular Systolic Function in Chagas Disease Using Cardiac Magnetic Resonance Imaging. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	22
58	Relation of Sex Hormone Levels With Prevalent and 10-Year Change in Aortic Distensibility Assessed by MRI: The Multi-Ethnic Study of Atherosclerosis. American Journal of Hypertension, 2018, 31, 774-783.	2.0	22
59	MR proton spectroscopy for myocardial lipid deposition quantification: A quantitative comparison between 1.5T and 3T. Journal of Magnetic Resonance Imaging, 2012, 36, 1222-1230.	3.4	20
60	Regional myocardial functional patterns: Quantitative tagged magnetic resonance imaging in an adult population free of cardiovascular risk factors: The multi-ethnic study of atherosclerosis (MESA). Journal of Magnetic Resonance Imaging, 2015, 42, 153-159.	3.4	20
61	Information maximizing component analysis of left ventricular remodeling due to myocardial infarction. Journal of Translational Medicine, 2015, 13, 343.	4.4	20
62	Association of subclinical atherosclerosis using carotid intima-media thickness, carotid plaque, and coronary calcium score with left ventricular dyssynchrony: The multi-ethnic Study of Atherosclerosis. Atherosclerosis, 2015, 239, 412-418.	0.8	20
63	Right Ventricular Systolic Dysfunction in Chagas Disease Defined by Speckle-Tracking Echocardiography: A Comparative Study with Cardiac Magnetic Resonance Imaging. Journal of the American Society of Echocardiography, 2017, 30, 493-502.	2.8	20
64	Non-contrast coronary magnetic resonance angiography: current frontiers and future horizons. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 591-612.	2.0	20
65	Progression of Coronary Artery Calcium and Incident Heart Failure: The Multiâ€Ethnic Study of Atherosclerosis. Journal of the American Heart Association, 2017, 6, .	3.7	19
66	Effect of cardiosphere-derived cells on segmental myocardial function after myocardial infarction: ALLSTAR randomised clinical trial. Open Heart, 2021, 8, e001614.	2.3	15
67	Change in Left Atrioventricular Coupling Index to Predict Incident Atrial Fibrillation: The Multi-Ethnic Study of Atherosclerosis (MESA). Radiology, 2022, 303, 317-326.	7.3	15
68	Threeâ€dimensional plus time biventricular strain from tagged MR images by phaseâ€unwrapped harmonic phase. Journal of Magnetic Resonance Imaging, 2011, 34, 799-810.	3.4	14
69	Left ventricular torsion shear angle volume analysis in patients with hypertension: a global approach for LV diastolic function. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 70.	3.3	13
70	Baseline assessment and comparison of arterial anatomy, hyperemic flow, and skeletal muscle perfusion in peripheral artery disease: The Cardiovascular Cell Therapy Research Network â€œPatients with Intermittent Claudication Injected with ALDH Bright Cellsâ€•(CCTRN PACE) study. American Heart Journal, 2017, 183, 24-34.	2.7	13
71	Coronary Artery Calcium From Early Adulthood to Middle Age and Left Ventricular Structure and Function. Circulation: Cardiovascular Imaging, 2019, 12, e009228.	2.6	13
72	Automated Stenosis Detection and Classification in X-ray Angiography Using Deep Neural Network. , 2019, , .		13

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73	Left Atrioventricular Coupling Index to Predict Incident Heart Failure: The Multi-Ethnic Study of Atherosclerosis. Frontiers in Cardiovascular Medicine, 2021, 8, 704611.	2.4	13
74	Myocardial fibrosis by T1 mapping magnetic resonance imaging predicts incident cardiovascular events and all-cause mortality: the Multi-Ethnic Study of Atherosclerosis. European Heart Journal Cardiovascular Imaging, 2022, 23, 1407-1416.	1.2	13
75	Orthogonal decomposition of left ventricular remodeling in myocardial infarction. GigaScience, 2017, 6, 1-15.	6.4	12
76	Reproducibility and Changes in Vena Caval Blood Flow by Using 4D Flow MRI in Pulmonary Emphysema and Chronic Obstructive Pulmonary Disease (COPD): The Multi-Ethnic Study of Atherosclerosis (MESA) COPD Substudy. Radiology, 2019, 292, 585-594.	7.3	12
77	Healthy aging of the left ventricle in relationship to cardiovascular risk factors: The Multi-Ethnic Study of Atherosclerosis (MESA). PLoS ONE, 2017, 12, e0179947.	2.5	12
78	Heterogeneous distribution of myocardial steatosisâ€"An ex vivo evaluation. Magnetic Resonance in Medicine, 2012, 68, 1-7.	3.0	11
79	Association of serum leptin with future left ventricular structure and function: The Multi-Ethnic Study of Atherosclerosis (MESA). International Journal of Cardiology, 2015, 193, 64-68.	1.7	11
80	Hepatic steatosis is associated with cardiometabolic risk in a rural Indian population: A prospective cohort study. International Journal of Cardiology, 2016, 225, 161-166.	1.7	11
81	Association of soluble interleukinâ€2 receptor Î± and tumour necrosis factor receptor 1 with heart failure: The Multiâ€Ethnic Study of Atherosclerosis. ESC Heart Failure, 2020, 7, 639-644.	3.1	11
82	References Values for Left Atrial Volumes, Emptying Fractions, Strains, and Strain Rates and Their Determinants by Age, Gender, and Ethnicity: The Multiethnic Study of Atherosclerosis (MESA). Academic Radiology, 2021, 28, 356-363.	2.5	11
83	Associations of Left Atrial Function and Structure With Supraventricular Ectopy: The Multiâ€Ethnic Study of Atherosclerosis. Journal of the American Heart Association, 2021, 10, e018093.	3.7	11
84	Subclinical myocardial disease by cardiac magnetic resonance imaging and spectroscopy in healthy HIV/Hepatitis C virus-coinfected persons. Journal of International Medical Research, 2017, 45, 1693-1707.	1.0	10
85	Electrocardiographic Strain Pattern Is Associated With Left Ventricular Concentric Remodeling, Scar, and Mortality Over 10ÂYears: The Multiâ€Ethnic Study of Atherosclerosis. Journal of the American Heart Association, 2017, 6, .	3.7	10
86	Pulmonary hyperinflation due to gas trapping and pulmonary artery size: The MESA COPD Study. PLoS ONE, 2017, 12, e0176812.	2.5	10
87	Regional abnormalities on cardiac magnetic resonance imaging and arrhythmic events in patients with cardiac sarcoidosis. Journal of Cardiovascular Electrophysiology, 2019, 30, 1967-1976.	1.7	10
88	Temporal Changes in Resting Heart Rate, Left Ventricular Dysfunction, Heart Failure and Cardiovascular Disease: CARDIA Study. American Journal of Medicine, 2020, 133, 946-953.	1.5	10
89	Coffee and tea consumption in the early adult lifespan and left ventricular function in middle age: the CARDIA study. ESC Heart Failure, 2020, 7, 1510-1519.	3.1	9
90	Role of Imaging in Diagnosis and Management of COVID-19: A Multiorgan Multimodality Imaging Review. Frontiers in Medicine, 2021, 8, 765975.	2.6	9

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91	Estimating Errors in Concentration Measurements Obtained from Image Analysis. Vadose Zone Journal, 2009, 8, 108-118.	2.2	8
92	Left Atrial Strain to Address the Cryptogenic Puzzle. JACC: Cardiovascular Imaging, 2018, 11, 1566-1568.	5.3	8
93	Integrating baseline MR imaging biomarkers into BCLC and CLIP improves overall survival prediction of patients with hepatocellular carcinoma (HCC). European Radiology, 2021, 31, 1630-1641.	4.5	8
94	Deep Learning Analysis of Cardiac MRI in Legacy Datasets: Multi-Ethnic Study of Atherosclerosis. Frontiers in Cardiovascular Medicine, 2021, 8, 807728.	2.4	8
95	Feature Tracking Cardiac Magnetic Resonance Imaging in the Assessment of Left Atrial Function. Journal of the American College of Cardiology, 2014, 63, 2434-2435.	2.8	7
96	Sleep-disordered breathing and left ventricular scar on cardiac magnetic resonance: results of the Multi-Ethnic Study of Atherosclerosis. Journal of Clinical Sleep Medicine, 2020, 16, 855-862.	2.6	7
97	Association of smoking and right ventricular function in middle age: CARDIA study. Open Heart, 2020, 7, e001270.	2.3	6
98	Association of Proâ€Bâ€Type Natriuretic Peptide With Cardiac Magnetic Resonanceâ€“Measured Global and Regional Cardiac Function and Structure Over 10ÂYears: The MESA Study. Journal of the American Heart Association, 2021, 10, e019243.	3.7	6
99	Association of Longitudinal Changes in NT-proBNP With Changes in Left Atrial Volume and Function: MESA. American Journal of Hypertension, 2021, 34, 626-635.	2.0	6
100	Rare Genetic Variants Associated With Myocardial Fibrosis: Multi-Ethnic Study of Atherosclerosis. Frontiers in Cardiovascular Medicine, 2022, 9, 804788.	2.4	6
101	Regional Strain Score as Prognostic Marker of Cardiovascular Events From the Multi-Ethnic Study of Atherosclerosis (MESA). Frontiers in Cardiovascular Medicine, 2022, 9, .	2.4	6
102	Lessons on Quality Control in Large Scale Imaging Trials: the Multi-Ethnic Study of Atherosclerosis (MESA). Current Cardiovascular Imaging Reports, 2015, 8, 1.	0.6	5
103	Associations between menopause, cardiac remodeling, and diastolic function: the CARDIA study. Menopause, 2021, 28, 1166-1175.	2.0	5
104	Cardiovascular ultrashort echo time to map fibrosisâ€"promises and challenges. British Journal of Radiology, 2019, 92, 20190465.	2.2	4
105	Cross-sectional imaging in patients with primary sclerosing cholangitis: Single time-point liver or spleen volume is associated with survival. European Journal of Radiology, 2020, 132, 109331.	2.6	4
106	Temporal change in inflammatory biomarkers and risk of cardiovascular events: the Multiâ€ethnic Study of Atherosclerosis. ESC Heart Failure, 2021, 8, 3769-3782.	3.1	4
107	Right ventricular function as assessed by cardiac magnetic resonance imagingâ€derived strain parameters compared to highâ€fidelity micromanometer catheter measurements. Pulmonary Circulation, 2021, 11, 1-10.	1.7	4
108	Change in Physical Activity and Cardiac Structure over 10 Years: The Multi-Ethnic Study of Atherosclerosis. Medicine and Science in Sports and Exercise, 2019, 51, 2033-2040.	0.4	3

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109	Sex Differences in the Association of Cumulative Body Mass Index from Early Adulthood to Middle Age and Left Atrial Remodeling Evaluated by Three-Dimensional Echocardiography: The Coronary Artery Risk Development in Young Adults Study. Journal of the American Society of Echocardiography, 2020, 33, 878-887.e3.	2.8	3
110	Evaluation of liver T1 using MOLLI gradient echo readout under the influence of fat. Magnetic Resonance Imaging, 2022, 85, 57-63.	1.8	3
111	Primer on Commonly Occurring MRI Artifacts and How to Overcome Them. Radiographics, 2022, 42, E102-E103.	3.3	3
112	Determinants of left atrioventricular coupling index: The Multi-Ethnic Study of Atherosclerosis (MESA). Archives of Cardiovascular Diseases, 2022, 115, 414-425.	1.6	3
113	Pulmonary Artery Acceleration Time in Young Adulthood and Cardiovascular Outcomes Later in Life: The Coronary Artery Risk Development in Young Adults Study. Journal of the American Society of Echocardiography, 2020, 33, 82-89.e1.	2.8	2
114	Left Atrial Remodeling Assessed by Serial Longitudinal Cardiac MRI in MESA. JACC: Cardiovascular Imaging, 2021, 14, 1678-1680.	5.3	2
115	MRI for the assessment of aortic stiffness and pulsatile hemodynamics. , 2022, , 67-76.		2
116	Oxidative Stress and Menopausal Status: The Coronary Artery Risk Development in Young Adults Cohort Study. Journal of Women's Health, 2022, 31, 1057-1065.	3.3	2
117	Measuring 3D left ventricular strain from unwrapped harmonic phase. , 2008, , .		1
118	3D left ventricular strain by phase unwrapping: A simulated annealing based branch-cut placement method. , 2009, , .		1
119	Association between left atrial function using multimodality tissue tracking from cine MRI and myocardial scar in the multi-ethnic study of atherosclerosis (MESA). Journal of Cardiovascular Magnetic Resonance, 2013, 15, P266.	3.3	1
120	Reply. Journal of the American College of Cardiology, 2014, 64, 422.	2.8	1
121	CORONARY ARTERY STRUCTURAL REMODELING BY COMPUTED TOMOGRAPHY AND ECHOCARDIOGRAPHIC LEFT VENTRICULAR MASS CHANGES OVER THE NEXT 5 YEARS: THE CORONARY ARTERY RISK DEVELOPMENT IN YOUNG ADULTS (CARDIA) STUDY. Journal of the American College of Cardiology, 2017, 69, 1604.	2.8	1
122	Probing the Liver-Heart Axis. Radiology, 2019, 291, 338-339.	7.3	1
123	Abstract 011: Cardiovascular Risk Prediction Using Machine Learning In A Large Japanese Cohort. Circulation, 2021, 143, .	1.6	1
124	Extracellular volume-guided late gadolinium enhancement analysis for non-ischemic cardiomyopathy: The Womenâ€™s Interagency HIV Study. BMC Medical Imaging, 2021, 21, 116.	2.7	1
125	Abstract 12226: Left Atrial Structure and Function and Cardiovascular Events in Patients With Diabetes Mellitus: Results From Multi-Ethnic Study of Atherosclerosis (MESA). Circulation, 2014, 130, .	1.6	1
126	Late Breaking Abstract - Apparent diffusion coefficient by 3He MRI and quantitative emphysema subtypes by CT. , 2019, , .		1

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127	Intermediate Markers Underlying Electrocardiographic Predictors of Incident Atrial Fibrillation: the MESA. Circulation: Arrhythmia and Electrophysiology, 2021, , CIRCEP121009805.	4.8	1
128	Deep Learning-based Automated Aortic Area and Distensibility Assessment: the Multi-Ethnic Study of Atherosclerosis (MESA). Journal of Digital Imaging, 2022, 35, 594-604.	2.9	1
129	Left ventricular torsional hysteresis in patients with hypertension: a global parameter for diastolic function. Journal of Cardiovascular Magnetic Resonance, 2013, 15, O28.	3.3	0
130	Diastolic function from tagged MRI and myocardial fibrosis: the Multi-Ethnic study of Atherosclerosis (MESA). Journal of Cardiovascular Magnetic Resonance, 2013, 15, O82.	3.3	0
131	Left atrial structure and functional quantitation using cardiac magnetic resonance: comparison of manual delineation vs. multimodality tissue tracking based semi-automated methods. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P348.	3.3	0
132	Comparison of strain measurement from multimodality tissue tracking with strain-encoding MRI and harmonic ophase MRI in Pulmonary Hypertension. Journal of Cardiovascular Magnetic Resonance, 2014, 16, O38.	3.3	0
133	Estimation of aortic pulse wave transit time in MRI using complex wavelet cross-spectrum analysis. , 2015, , .		0
134	Reply. Journal of the American College of Cardiology, 2015, 66, 2473.	2.8	0
135	T1 Mapping in Stem Cell Therapy. , 2018, , 87-100.		0
136	THE ROLE OF ATHEROSCLEROSIS AND LEFT VENTRICULAR STRUCTURE AND FUNCTION IN FRAILTY DEVELOPMENT: RESULTS FROM THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS (MESA). Journal of the American College of Cardiology, 2019, 73, 1545.	2.8	0
137	WHOLE-BODY MRI TO ASSESS SUBCLINICAL CARDIOVASCULAR DISEASE AND FRAILTY DEVELOPMENT. Innovation in Aging, 2019, 3, S87-S88.	0.1	0
138	Application of measurement error models to correct for systematic differences among readers and vendors in echocardiography measurements: the CARDIA study. Journal of Applied Statistics, 2020, 47, 1315-1324.	1.3	0
139	Editorial for â€œCardiac Involvement in Consecutive Elite Athletes Recovered From COVIDâ€19 â€“ A Magnetic Resonance Studyâ€. Journal of Magnetic Resonance Imaging, 2021, 53, 1730-1731.	3.4	0
140	A Case for Left Atrial Function Assessment in Dilated Cardiomyopathy. Radiology, 2021, , 212091.	7.3	0
141	Abstract 16673: Framingham Risk Trajectories Predict Left Ventricular Dyssynchrony as a Measure of Subclinical Myocardial Dysfunction: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. Circulation, 2014, 130, .	1.6	0
142	Abstract P138: The Association of Long-Term Air Pollution Exposure With Left Atrial Structure and Function in the Multi-Ethnic Study of Atherosclerosis. Circulation, 2020, 141, .	1.6	0
143	Ventilation defect quantification on 3He MRI through deep learning: the MESA COPD Study. , 2020, , .		0
144	Abstract 13463: Left Atrioventricular Coupling Index as a Prognostic Marker: The Multi-ethnic Study of Atherosclerosis. Circulation, 2020, 142, .	1.6	0

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145	Abstract 14478: Left Ventricular (LV) Determinants of Left Atrial (LA) Remodeling in Ischemic Cardiomyopathy (iCM): From the Allogeneic Heart Stem Cells to Achieve Myocardial Regeneration (ALLSTAR) Double Blind Placebo Controlled Trial. Circulation, 2020, 142, .	1.6	0
146	Abstract 12730: Cardiosphere-derived Cells Improve Segmental Myocardial Circumferential Strain by Magnetic Resonance Imaging: Results From the Allogeneic Heart Stem Cells to Achieve Myocardial Regeneration Study. Circulation, 2020, 142, .	1.6	0
147	Abstract 13738: Longitudinal Changes and Remodeling in the Right Atrium: The Multi-ethnic Study of Atherosclerosis. Circulation, 2020, 142, .	1.6	0
148	Abstract 13514: Gender-Stratified Difference in the Association Between Coronary Artery Calcium and Incident Peripheral Artery Disease: The Multi-Ethnic Study of Atherosclerosis. Circulation, 2020, 142, .	1.6	0
149	Reproducibility of Cardiac Magnetic Resonance Imaging in Patients With Cardiac Implantable Electrical Devices. JACC: Cardiovascular Imaging, 2022, , .	5.3	0
150	Building Confidence in AI-Interpreted CMR. JACC: Cardiovascular Imaging, 2022, 15, 428-430.	5.3	0
151	Association of coronary artery calcification and thoracic aortic calcification with incident peripheral arterial disease in the Multi-Ethnic Study of Atherosclerosis (MESA). European Heart Journal Open, 2021, 1, oeab042.	2.3	0
152	Human-in-the-Loop Artificial Intelligence in Cardiac MRI. Radiology, 0, , .	7.3	0