

# David A Bluemke

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

773 papers	53,141 citations	110 h-index	203 g-index
868 ext. papers	61,694 ext. citations	7.6 avg, IF	7.3 L-index

#	Paper	IF	Citations
773	Long COVID: post-acute sequelae of COVID-19 with a cardiovascular focus.. <i>European Heart Journal</i> , <b>2022</b> ,	9.5	22
772	Evaluation of liver T1 using MOLLI gradient echo readout under the influence of fat. <i>Magnetic Resonance Imaging</i> , <b>2022</b> , 85, 57-63	3.3	0
771	Change in Left Atrioventricular Coupling Index to Predict Incident Atrial Fibrillation: The Multi-Ethnic Study of Atherosclerosis (MESA).. <i>Radiology</i> , <b>2022</b> , 210315	20.5	1
770	Deep Learning-based Automated Aortic Area and Distensibility Assessment: the Multi-Ethnic Study of Atherosclerosis (MESA).. <i>Journal of Digital Imaging</i> , <b>2022</b> , 1	5.3	
769	Society for Cardiovascular Magnetic Resonance (SCMR) guidelines for reporting cardiovascular magnetic resonance examinations.. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2022</b> , 24, 29	6.9	0
768	Deep learning-based atherosclerotic coronary plaque segmentation on coronary CT angiography.. <i>European Radiology</i> , <b>2022</b> , 1	8	1
767	Deep Learning Analysis of Cardiac MRI in Legacy Datasets: Multi-Ethnic Study of Atherosclerosis.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 807728	5.4	0
766	HIV indirectly accelerates coronary artery disease by promoting the effects of risk factors: longitudinal observational study. <i>Scientific Reports</i> , <b>2021</b> , 11, 23110	4.9	1
765	Intermediate Markers Underlying Electrocardiographic Predictors of Incident Atrial Fibrillation: the MESA. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2021</b> , CIRCEP121009805	6.4	
764	Cardiovascular Magnetic Resonance for Patients With COVID-19. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> ,	8.4	5
763	Contribution of Risk Factors to the Development of Coronary Atherosclerosis as Confirmed via Coronary CT Angiography: A Longitudinal Radiomics-based Study. <i>Radiology</i> , <b>2021</b> , 299, 97-106	20.5	7
762	Association of Pro-B-Type Natriuretic Peptide With Cardiac Magnetic Resonance-Measured Global and Regional Cardiac Function and Structure Over 10 Years: The MESA Study. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e019243	6	1
761	Metabolic syndrome and its factors are associated with noncalcified coronary burden in psoriasis: An observational cohort study. <i>Journal of the American Academy of Dermatology</i> , <b>2021</b> , 84, 1329-1338	4.5	8
760	Left ventricular fibro-fatty replacement in arrhythmogenic right ventricular dysplasia/cardiomyopathy: prevalence, patterns, and association with arrhythmias. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 58	6.9	3
759	Aortic enlargement in chronic obstructive pulmonary disease (COPD) and emphysema: The Multi-Ethnic Study of Atherosclerosis (MESA) COPD study. <i>International Journal of Cardiology</i> , <b>2021</b> , 331, 214-220	3.2	4
758	Pericardial Fat and the Risk of Heart Failure. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 2638-2652	13.5	13
757	Quantitative Analysis of Adipose Depots by Using Chest CT and Associations with All-Cause Mortality in Chronic Obstructive Pulmonary Disease: Longitudinal Analysis from MESA Arthritis Ancillary Study. <i>Radiology</i> , <b>2021</b> , 299, 703-711	20.5	7

756	Associations of Angiopoietins With Heart Failure Incidence and Severity. <i>Journal of Cardiac Failure</i> , <b>2021</b> , 27, 786-795	3.3	4
755	Temporal change in inflammatory biomarkers and risk of cardiovascular events: the Multi-ethnic Study of Atherosclerosis. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 3769-3782	3.7	1
754	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). <i>Academic Radiology</i> , <b>2021</b> , 28, 356-363	4.3	5
753	Impaired Coronary Blood Flow in Patients with Psoriasis: Findings from an Observational Cohort Study. <i>Journal of Investigative Dermatology</i> , <b>2021</b> , 141, 913-916	4.3	0
752	Next-Generation Hardware Advances in CT: Cardiac Applications. <i>Radiology</i> , <b>2021</b> , 298, 3-17	20.5	7
751	Cardiovascular risk factors and illicit drug use may have a more profound effect on coronary atherosclerosis progression in people living with HIV. <i>European Radiology</i> , <b>2021</b> , 31, 2756-2767	8	1
750	Adipose tissue biomarkers and type 2 diabetes incidence in normoglycemic participants in the MESArthritis Ancillary Study: A cohort study. <i>PLoS Medicine</i> , <b>2021</b> , 18, e1003700	11.6	1
749	Association of neutrophil-to-lymphocyte ratio with non-calcified coronary artery burden in psoriasis: Findings from an observational cohort study. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2021</b> , 15, 372-379	2.8	6
748	Myocarditis Associated with mRNA COVID-19 Vaccination. <i>Radiology</i> , <b>2021</b> , 301, E409-E411	20.5	19
747	Left Atrial Remodeling Assessed by Serial Longitudinal Cardiac MRI in MESA. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 1678-1680	8.4	
746	Evaluation for Myocarditis in Competitive Student Athletes Recovering From Coronavirus Disease 2019 With Cardiac Magnetic Resonance Imaging. <i>JAMA Cardiology</i> , <b>2021</b> , 6, 945-950	16.2	74
745	The relationship between systemic inflammation and increased left ventricular mass is partly mediated by noncalcified coronary artery disease burden in psoriasis. <i>American Journal of Preventive Cardiology</i> , <b>2021</b> , 7, 100211	1.9	2
744	Impact of COVID-19 on Cardiovascular Testing in the United States Versus the Rest of the World. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 1787-1799	8.4	8
743	Left Atrioventricular Coupling Index to Predict Incident Heart Failure: The Multi-Ethnic Study of Atherosclerosis. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 704611	5.4	1
742	Left Atrioventricular Coupling Index as a Prognostic Marker of Cardiovascular Events: The MESA Study. <i>Hypertension</i> , <b>2021</b> , 78, 661-671	8.5	4
741	Abdominal subcutaneous adipose tissue negatively associates with subclinical coronary artery disease in men with psoriasis. <i>American Journal of Preventive Cardiology</i> , <b>2021</b> , 8, 100231	1.9	
740	Association of Longitudinal Changes in NT-proBNP With Changes in Left Atrial Volume and Function: MESA. <i>American Journal of Hypertension</i> , <b>2021</b> , 34, 626-635	2.3	3
739	Association of coronary artery calcification and thoracic aortic calcification with incident peripheral arterial disease in the Multi-Ethnic Study of Atherosclerosis (MESA).. <i>European Heart Journal Open</i> , <b>2021</b> , 1, oeab042		

738	Association of Quantified Costal Cartilage Calcification and Long-Term Cumulative Blood Glucose Exposure: The Multi-Ethnic Study of Atherosclerosis.. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 785957	5.7	
737	Coronary CT Angiography and Carotid MRI Improve Phenotyping of Disease Extent Compared with ACC/AHA Risk Score Alone. <i>Radiology: Cardiothoracic Imaging</i> , <b>2020</b> , 2, e190068	8.3	2
736	How to Measure the Aorta Using MRI: A Practical Guide. <i>Journal of Magnetic Resonance Imaging</i> , <b>2020</b> , 52, 971-977	5.6	7
735	T mapping performance and measurement repeatability: results from the multi-national T mapping standardization phantom program (T1MES). <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2020</b> , 22, 31	6.9	10
734	Cardiac cine CT approaching 1 mSv: implementation and assessment of a 58-ms temporal resolution protocol. <i>International Journal of Cardiovascular Imaging</i> , <b>2020</b> , 36, 1583-1591	2.5	0
733	Association of soluble interleukin-2 receptor and tumour necrosis factor receptor 1 with heart failure: The Multi-Ethnic Study of Atherosclerosis. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 639-644	3.7	4
732	Peer-reviewed Publications in 2020: Still Needed?. <i>Radiology</i> , <b>2020</b> , 295, 495	20.5	
731	Standardized image interpretation and post-processing in cardiovascular magnetic resonance - 2020 update : Society for Cardiovascular Magnetic Resonance (SCMR): Board of Trustees Task Force on Standardized Post-Processing. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2020</b> , 22, 19	6.9	173
730	Chronic inflammation in psoriasis promotes visceral adiposity associated with noncalcified coronary burden over time. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	7
729	Association of right atrial structure with incident atrial fibrillation: a longitudinal cohort cardiovascular magnetic resonance study from the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2020</b> , 22, 36	6.9	8
728	Risk Factors for First and Subsequent CVD Events in Type 1 Diabetes: The DCCT/EDIC Study. <i>Diabetes Care</i> , <b>2020</b> , 43, 867-874	14.6	26
727	Application of machine learning to determine top predictors of noncalcified coronary burden in psoriasis: An observational cohort study. <i>Journal of the American Academy of Dermatology</i> , <b>2020</b> , 83, 1647-1653	4.5	9
726	Association Between Soluble Lectinlike Oxidized Low-Density Lipoprotein Receptor-1 and Coronary Artery Disease in Psoriasis. <i>JAMA Dermatology</i> , <b>2020</b> , 156, 151-157	5.1	9
725	Endothelin-1, cardiac morphology, and heart failure: the MESA angiogenesis study. <i>Journal of Heart and Lung Transplantation</i> , <b>2020</b> , 39, 45-52	5.8	5
724	Change in NT-proBNP (N-Terminal Pro-B-Type Natriuretic Peptide) Level and Risk of Dementia in Multi-Ethnic Study of Atherosclerosis (MESA). <i>Hypertension</i> , <b>2020</b> , 75, 316-323	8.5	6
723	Association Among Noncalcified Coronary Burden, Fractional Flow Reserve, and Myocardial Injury in Psoriasis. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e017417	6	3
722	Hyperlipidaemia and IFNgamma/TNFalpha Synergism are associated with cholesterol crystal formation in Endothelial cells partly through modulation of Lysosomal pH and Cholesterol homeostasis. <i>EBioMedicine</i> , <b>2020</b> , 59, 102876	8.8	3
721	Treatment of Psoriasis With Biologic Therapy Is Associated With Improvement of Coronary Artery Plaque Lipid-Rich Necrotic Core: Results From a Prospective, Observational Study. <i>Circulation: Cardiovascular Imaging</i> , <b>2020</b> , 13, e011199	3.9	20

720	Reference ranges ("normal values") for cardiovascular magnetic resonance (CMR) in adults and children: 2020 update. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2020</b> , 22, 87	6.9	53
719	Chronic Stress-Related Neural Activity Associates With Subclinical Cardiovascular Disease in Psoriasis: A Prospective Cohort Study. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 465-477	8.4	30
718	Multiparametric deep learning tissue signatures for a radiological biomarker of breast cancer: Preliminary results. <i>Medical Physics</i> , <b>2020</b> , 47, 75-88	4.4	10
717	An Optimized Test Bolus Contrast Injection Protocol for Consistent Coronary Artery Luminal Enhancement for Coronary CT Angiography. <i>Academic Radiology</i> , <b>2020</b> , 27, 371-380	4.3	4
716	Imaging Publications in the COVID-19 Pandemic: Applying New Research Results to Clinical Practice. <i>Radiology</i> , <b>2020</b> , 297, E228-E231	20.5	18
715	Writing a Great Review for. <i>Radiology</i> , <b>2020</b> , 295, 496-498	20.5	1
714	Cardiac Autoimmunity Is Associated With Subclinical Myocardial Dysfunction in Patients With Type 1 Diabetes Mellitus. <i>Circulation</i> , <b>2020</b> , 141, 1107-1109	16.7	5
713	Left Ventricular Mass at MRI and Long-term Risk of Cardiovascular Events: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Radiology</i> , <b>2019</b> , 293, 107-114	20.5	27
712	Prognostic implications of QRS dispersion for major adverse cardiovascular events in asymptomatic women and men: the Multi-Ethnic Study of Atherosclerosis. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2019</b> , 56, 45-53	2.4	1
711	Genome-Wide Analysis of Left Ventricular Image-Derived Phenotypes Identifies Fourteen Loci Associated With Cardiac Morphogenesis and Heart Failure Development. <i>Circulation</i> , <b>2019</b> , 140, 1318-1330	16.7	56
710	Safety and Monitoring for Cardiac Magnetic Resonance Imaging. <i>Contemporary Cardiology</i> , <b>2019</b> , 145-150.	1	
709	Coronary artery plaque characteristics and treatment with biologic therapy in severe psoriasis: results from a prospective observational study. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 721-728	9.9	112
708	Baseline ST elevation and myocardial scar: Results from the multi-ethnic study of atherosclerosis. <i>Journal of Electrocardiology</i> , <b>2019</b> , 56, 29-33	1.4	1
707	CMR and CT of the Patient With Cardiac Devices: Safety, Efficacy, and Optimization Strategies. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 890-903	8.4	5
706	Left Atrial Mechanical Function and Incident Ischemic Cerebrovascular Events Independent of AF: Insights From the MESA Study. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 2417-2427	8.4	31
705	Aortic pulse wave velocity in children with Cushing syndrome: A window into a marker of early cardiovascular disease. <i>Endocrinology, Diabetes and Metabolism</i> , <b>2019</b> , 2, e00054	2.7	1
704	Detection of Left Ventricular Hypertrophy Using Bayesian Additive Regression Trees: The MESA. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e009959	6	13
703	Arrhythmogenic Right Ventricular Cardiomyopathy <b>2019</b> , 410-419.e3		

702	The Association of Coronary Artery Calcification With Subsequent Incidence of Cardiovascular Disease in Type 1 Diabetes: The DCCT/EDIC Trials. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 1341-1349	8.4	24
701	Prevalence of Unexplained Left Ventricular Hypertrophy by Cardiac Magnetic Resonance Imaging in MESA. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e012250	6	17
700	Left ventricular and proximal aorta coupling in magnetic resonance imaging: aging together?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 317, H300-H307	5.2	5
699	Association of aortic vascular uptake of FDG by PET/CT and aortic wall thickness by MRI in psoriasis: a prospective observational study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2019</b> , 46, 2488-2495	8.8	7
698	Association of Biologic Therapy With Coronary Inflammation in Patients With Psoriasis as Assessed by Perivascular Fat Attenuation Index. <i>JAMA Cardiology</i> , <b>2019</b> , 4, 885-891	16.2	72
697	Obstructive Sleep Apnea and Structural/Functional Properties of the Thoracic Ascending Aorta: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Cardiology</i> , <b>2019</b> , 142, 180-188	1.6	4
696	Association between reduced myocardial contraction fraction and cardiovascular disease outcomes: The Multi-Ethnic Study of Atherosclerosis. <i>International Journal of Cardiology</i> , <b>2019</b> , 293, 10-16 <sup>3,2</sup>	3.2	7
695	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. <i>Radiology</i> , <b>2019</b> , 292, 585-594	20.5	9
694	Change in left atrial function predicts incident atrial fibrillation: the Multi-Ethnic Study of Atherosclerosis. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2019</b> , 20, 979-987	4.1	24
693	Imaging of Nonischemic Cardiomyopathy. <i>IDKD Springer Series</i> , <b>2019</b> , 189-197	1.1	
692	Change in Physical Activity and Cardiac Structure over 10 Years: The Multi-Ethnic Study of Atherosclerosis. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 2033-2040	1.2	0
691	Left Ventricular Strain Is Abnormal in Preclinical and Overt Hypertrophic Cardiomyopathy: Cardiac MR Feature Tracking. <i>Radiology</i> , <b>2019</b> , 290, 640-648	20.5	30
690	Editor's Recognition Awards. <i>Radiology</i> , <b>2019</b> , 290, 1-2	20.5	2
689	Retinal vascular changes and right ventricular structure and function: the MESA-Right Ventricle and MESA-Eye studies. <i>Pulmonary Circulation</i> , <b>2019</b> , 9, 2045894018819781	2.7	4
688	Association of myocardial fibrosis and cardiovascular events: the multi-ethnic study of atherosclerosis. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2019</b> , 20, 168-176	4.1	26
687	Vascular calcification in patients with large-vessel vasculitis compared to patients with hyperlipidemia. <i>Seminars in Arthritis and Rheumatism</i> , <b>2019</b> , 48, 1068-1073	5.3	9
686	The Power of Publishing. <i>Radiology</i> , <b>2018</b> , 286, 735-736	20.5	1
685	Relation of Sex Hormone Levels With Prevalent and 10-Year Change in Aortic Distensibility Assessed by MRI: The Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Hypertension</i> , <b>2018</b> , 31, 774-783	2.3	12



684	Response by Lerman et al to Letters Regarding Article, "Coronary Plaque Characterization in Psoriasis Reveals High-Risk Features That Improve After Treatment in a Prospective Observational Study". <i>Circulation</i> , <b>2018</b> , 137, 1092-1093	16.7	1
683	Association of Liver Fibrosis With Cardiovascular Diseases in the General Population: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Circulation: Cardiovascular Imaging</i> , <b>2018</b> , 11, e007241	3.9	36
682	Absence of Fibrosis and Inflammation by Cardiac Magnetic Resonance Imaging in Rheumatoid Arthritis Patients with Low to Moderate Disease Activity. <i>Journal of Rheumatology</i> , <b>2018</b> , 45, 1078-1084	4.1	10
681	Radiology in 2018: Are You Working with AI or Being Replaced by AI?. <i>Radiology</i> , <b>2018</b> , 287, 365-366	20.5	27
680	Prevalence and Progression of Late Gadolinium Enhancement in Children and Adolescents With Hypertrophic Cardiomyopathy. <i>Circulation</i> , <b>2018</b> , 138, 782-792	16.7	40
679	Metabolic Syndrome Is Associated With Impaired Diastolic Function Independently of MRI-Derived Myocardial Extracellular Volume: The MESA Study. <i>Diabetes</i> , <b>2018</b> , 67, 1007-1012	0.9	17
678	Optimized energy of spectral coronary CT angiography for coronary plaque detection and quantification. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2018</b> , 12, 108-114	2.8	17
677	Rest and Stress Longitudinal Systolic Left Ventricular Mechanics in Hypertrophic Cardiomyopathy: Implications for Prognostication. <i>Journal of the American Society of Echocardiography</i> , <b>2018</b> , 31, 578-586	5.8	8
676	Left Ventricular Hypertrophy and Remodeling and Risk of Cognitive Impairment and Dementia: MESA (Multi-Ethnic Study of Atherosclerosis). <i>Hypertension</i> , <b>2018</b> , 71, 429-436	8.5	14
675	New statin use and left ventricular structure: Estimating long-term associations in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Pharmacoepidemiology and Drug Safety</i> , <b>2018</b> , 27, 570-580	2.6	3
674	SiSSR: Simultaneous subdivision surface registration for the quantification of cardiac function from computed tomography in canines. <i>Medical Image Analysis</i> , <b>2018</b> , 46, 215-228	15.4	5
673	Dose Efficiency of Quarter-Millimeter Photon-Counting Computed Tomography: First-in-Human Results. <i>Investigative Radiology</i> , <b>2018</b> , 53, 365-372	10.1	42
672	Hypertrophy Regression With N-Acetylcysteine in Hypertrophic Cardiomyopathy (HALT-HCM): A Randomized, Placebo-Controlled, Double-Blind Pilot Study. <i>Circulation Research</i> , <b>2018</b> , 122, 1109-1118	15.7	28
671	Imaging the myocardial ischemic cascade. <i>International Journal of Cardiovascular Imaging</i> , <b>2018</b> , 34, 1249-1263	12.63	24
670	Visualization of acute edema in the left atrial myocardium after radiofrequency ablation: Application of a novel high-resolution 3-dimensional magnetic resonance imaging sequence. <i>Heart Rhythm</i> , <b>2018</b> , 15, 1189-1197	6.7	7
669	Pulmonary artery stiffness in chronic obstructive pulmonary disease (COPD) and emphysema: The Multi-Ethnic Study of Atherosclerosis (MESA) COPD Study. <i>Journal of Magnetic Resonance Imaging</i> , <b>2018</b> , 47, 262-271	5.6	5
668	Photon-Counting Computed Tomography for Vascular Imaging of the Head and Neck: First In Vivo Human Results. <i>Investigative Radiology</i> , <b>2018</b> , 53, 135-142	10.1	66
667	Lower DHEA-S levels predict disease and worse outcomes in post-menopausal women with idiopathic, connective tissue disease- and congenital heart disease-associated pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2018</b> , 51,	13.6	33

666	Diabetes mellitus and insulin resistance associate with left ventricular shape and torsion by cardiovascular magnetic resonance imaging in asymptomatic individuals from the multi-ethnic study of atherosclerosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2018</b> , 20, 53	6.9	11
665	Myocardial T1 mapping and determination of partition coefficients at 3 tesla: comparison between gadobenate dimeglumine and gadofosveset trisodium. <i>Radiologia Brasileira</i> , <b>2018</b> , 51, 13-19	1.7	1
664	Radiology: Responding to Rapid Changes in Our Field. <i>Radiology</i> , <b>2018</b> , 288, 1	20.5	2
663	Definition of Left Ventricular Segments for Cardiac Magnetic Resonance Imaging. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 926-928	8.4	12
662	F-Fluorodeoxyglucose-Positron Emission Tomography As an Imaging Biomarker in a Prospective, Longitudinal Cohort of Patients With Large Vessel Vasculitis. <i>Arthritis and Rheumatology</i> , <b>2018</b> , 70, 439-449	9.5	143
661	Sex hormone levels and change in left ventricular structure among men and post-menopausal women: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Maturitas</i> , <b>2018</b> , 108, 37-44	5	34
660	Association Between Inflammatory Markers and Myocardial Fibrosis. <i>Hypertension</i> , <b>2018</b> , 72, 902-908	8.5	18
659	Carotid Artery Wall Thickness and Incident Cardiovascular Events: A Comparison between US and MRI in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Radiology</i> , <b>2018</b> , 289, 649-657	20.5	12
658	Histamine H Receptor Polymorphisms, Myocardial Transcripts, and Heart Failure (from the Multi-Ethnic Study of Atherosclerosis and Beta-Blocker Effect on Remodeling and Gene Expression Trial). <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 256-261	3	9
657	Quarter-millimeter spectral coronary stent imaging with photon-counting CT: Initial experience. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2018</b> , 12, 509-515	2.8	25
656	Association Between Aortic Vascular Inflammation and Coronary Artery Plaque Characteristics in Psoriasis. <i>JAMA Cardiology</i> , <b>2018</b> , 3, 949-956	16.2	38
655	ENet (Omega-Net): Fully automatic, multi-view cardiac MR detection, orientation, and segmentation with deep neural networks. <i>Medical Image Analysis</i> , <b>2018</b> , 48, 95-106	15.4	70
654	Regional myocardial strain measurements from 4DCT in patients with normal LV function. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2018</b> , 12, 372-378	2.8	17
653	Opportunities to Reduce CT Radiation Exposure, Experience Over 5 Years at the NIH Clinical Center. <i>Radiation Protection Dosimetry</i> , <b>2017</b> , 175, 482-492	0.9	2
652	Diffuse interstitial fibrosis assessed by cardiac magnetic resonance is associated with dispersion of ventricular repolarization in patients with hypertrophic cardiomyopathy. <i>Journal of Arrhythmia</i> , <b>2017</b> , 33, 201-207	1.5	10
651	Low-dose lung cancer screening with photon-counting CT: a feasibility study. <i>Physics in Medicine and Biology</i> , <b>2017</b> , 62, 202-213	3.8	47
650	Right Ventricular Structure and Function Are Associated With Incident Atrial Fibrillation: MESA-RV Study (Multi-Ethnic Study of Atherosclerosis-Right Ventricle). <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2017</b> , 10,	6.4	9
649	Association between central sleep apnea and left ventricular structure: the Multi-Ethnic Study of Atherosclerosis. <i>Journal of Sleep Research</i> , <b>2017</b> , 26, 477-480	5.8	5



648	Left ventricular hypertrophy by ECG versus cardiac MRI as a predictor for heart failure. <i>Heart</i> , <b>2017</b> , 103, 49-54	5.1	22
647	Community delivery of semiautomated fractal analysis tool in cardiac mr for trabecular phenotyping. <i>Journal of Magnetic Resonance Imaging</i> , <b>2017</b> , 46, 1082-1088	5.6	12
646	Left Atrial Structure in Relationship to Age, Sex, Ethnicity, and Cardiovascular Risk Factors: MESA (Multi-Ethnic Study of Atherosclerosis). <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10,	3.9	27
645	Cardiac and Respiratory Motion Correction for Simultaneous Cardiac PET/MR. <i>Journal of Nuclear Medicine</i> , <b>2017</b> , 58, 846-852	8.9	46
644	Exercise-QTc is associated with diffuse interstitial fibrosis reflected by lower approximated T1 relaxation time in hypertrophic cardiomyopathy patients. <i>Journal of Electrocardiology</i> , <b>2017</b> , 50, 484-490 <sup>1.4</sup>	1.4	2
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