

# Ramachandran S. Vasan

## List of Publications by Year in descending order

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Version: 2024-02-01

1,069  
papers

157,879  
citations

77

176  
h-index

99

361  
g-index

1118  
all docs

1118  
docs citations

1118  
times ranked

129562  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Plasma Kidney Injury Molecule 1 in CKD: Findings From the Boston Kidney Biopsy Cohort and CRIC Studies. <i>American Journal of Kidney Diseases</i> , 2022, 79, 231-243.e1.   | 2.1 | 15        |
| 2  | Association of clonal hematopoiesis with chronic obstructive pulmonary disease. <i>Blood</i> , 2022, 139, 357-368.   | 0.6 | 106       |
| 3  | Matrix Gla Protein Levels Are Associated With Arterial Stiffness and Incident Heart Failure With Preserved Ejection Fraction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, ATVBHA121316664.                                     | 1.1 | 10        |
| 4  | Deep learning enables genetic analysis of the human thoracic aorta. <i>Nature Genetics</i> , 2022, 54, 40-51.  | 9.4 | 90        |
| 5  | Accelerometer-Measured, Habitual Physical Activity and Circulating Brain-Derived Neurotrophic Factor: A Cross-Sectional Study. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 805-814.  | 1.2 | 2         |
| 6  | Lifetime Risk of Heart Failure Among Participants in the Framingham Study. <i>Journal of the American College of Cardiology</i> , 2022, 79, 250-263.   | 1.2 | 13        |
| 7  | The association of lung function and pulmonary vasculature volume with cardiorespiratory fitness in the community. <i>European Respiratory Journal</i> , 2022, 60, 2101821.  | 3.1 | 4         |
| 8  | Circulating metabolite profile in young adulthood identifies long-term diabetes susceptibility: the Coronary Artery Risk Development in Young Adults (CARDIA) study. <i>Diabetologia</i> , 2022, 65, 657-674.  | 2.9 | 2         |
| 9  | Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. <i>Cell Genomics</i> , 2022, 2, 100084.   | 3.0 | 29        |
| 10 | Genome-wide association study reveals novel genetic loci: a new polygenic risk score for mitral valve prolapse. <i>European Heart Journal</i> , 2022, 43, 1668-1680.   | 1.0 | 25        |
| 11 | Differences in estimates for 10-year risk of cardiovascular disease in Black versus White individuals with identical risk factor profiles using pooled cohort equations: an in silico cohort study. <i>The Lancet Digital Health</i> , 2022, 4, e55-e63. | 5.9 | 22        |
| 12 | Trans-ethnic genome-wide association study of blood metabolites in the Chronic Renal Insufficiency Cohort (CRIC) study. <i>Kidney International</i> , 2022, 101, 814-823.  | 2.6 | 8         |
| 13 | Collaborative Cohort of Cohorts for COVID-19 Research (C4R) Study: Study Design. <i>American Journal of Epidemiology</i> , 2022, 191, 1153-1173.   | 1.6 | 11        |
| 14 | Trans Fatty Acid Biomarkers and Incident Type 2 Diabetes: Pooled Analysis of 12 Prospective Cohort Studies in the Fatty Acids and Outcomes Research Consortium (FORCE). <i>Diabetes Care</i> , 2022, 45, 854-863.  | 4.3 | 8         |
| 15 | Inclusion of Smoking Data in Cardiovascular Disease Risk Estimation. <i>JAMA Cardiology</i> , 2022, 7, 195.  | 3.0 | 11        |
| 16 | Hypertension-Mediated Organ Damage: Prevalence, Correlates, and Prognosis in the Community. <i>Hypertension</i> , 2022, 79, 505-515.   | 1.3 | 25        |
| 17 | Newer Drugs to Reduce High Blood Pressure and Mitigate Hypertensive Target Organ Damage. <i>Current Hypertension Reports</i> , 2022, 24, 1-20.   | 1.5 | 5         |
| 18 | Arterial Stiffness and Long-Term Risk of Health Outcomes: The Framingham Heart Study. <i>Hypertension</i> , 2022, 79, 1045-1056.   | 1.3 | 45        |

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|----|--|-----|-----------|
| 19 | Clinical correlates of plasma insulin levels over the life course and association with incident type 2 diabetes: the Framingham Heart Study. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002581.           | 1.2 | 0         |
| 20 | Daily steps and all-cause mortality: a meta-analysis of 15 international cohorts. <i>Lancet Public Health</i> , The, 2022, 7, e219-e228.   | 4.7 | 189       |
| 21 | A plasma metabolite score of three eicosanoids predicts incident type 2 diabetes: a prospective study in three independent cohorts. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002519.                    | 1.2 | 10        |
| 22 | Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data. <i>Nature Genetics</i> , 2022, 54, 263-273.   | 9.4 | 156       |
| 23 | Association of Cardiometabolic Disease With Cancer in the Community. <i>JACC: CardioOncology</i> , 2022, 4, 69-81.   | 1.7 | 10        |
| 24 | Association of Uremic Solutes With Cardiovascular Death in Diabetic Kidney Disease. <i>American Journal of Kidney Diseases</i> , 2022, 80, 502-512.e1.   | 2.1 | 15        |
| 25 | Prevalence, Predictors, Progression, and Prognosis of Hypertension Subtypes in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2022, 11, e024202.                                       | 1.6 | 4         |
| 26 | Relations of Metabolic Health and Obesity to Brain Aging in Young to Middle-Aged Adults. <i>Journal of the American Heart Association</i> , 2022, 11, e022107.   | 1.6 | 9         |
| 27 | Red blood cell fatty acid patterns from 7 countries: Focus on the Omega-3 index. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2022, 179, 102418.   | 1.0 | 21        |
| 28 | Biomarkers of Kidney Tubule Disease and Risk of End-Stage Kidney Disease in Persons With Diabetes and CKD. <i>Kidney International Reports</i> , 2022, 7, 1514-1523.   | 0.4 | 11        |
| 29 | Polygenic transcriptome risk scores for COPD and lung function improve cross-ethnic portability of prediction in the NHLBI TOPMed program. <i>American Journal of Human Genetics</i> , 2022, 109, 857-870.             | 2.6 | 7         |
| 30 | Meta-analysis of genome-wide association studies identifies ancestry-specific associations underlying circulating total tau levels. <i>Communications Biology</i> , 2022, 5, 336.                                      | 2.0 | 6         |
| 31 | Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential. <i>Science Advances</i> , 2022, 8, eabl6579.                                     | 4.7 | 36        |
| 32 | Diet Quality Scores Are Positively Associated with Whole Blood-Derived Mitochondrial DNA Copy Number in the Framingham Heart Study. <i>Journal of Nutrition</i> , 2022, 152, 690-697.                                  | 1.3 | 7         |
| 33 | Temporal Trends in the Remaining Lifetime Risk of Cardiovascular Disease Among Middle-Aged Adults Across 6 Decades: The Framingham Study. <i>Circulation</i> , 2022, 145, 1324-1338.                                   | 1.6 | 19        |
| 34 | Association of orthostatic blood pressure response with incident heart failure: The Framingham Heart Study. <i>PLoS ONE</i> , 2022, 17, e0267057.  | 1.1 | 2         |
| 35 | Identifying Blood Biomarkers for Dementia Using Machine Learning Methods in the Framingham Heart Study. <i>Cells</i> , 2022, 11, 1506.   | 1.8 | 7         |
| 36 | Notable paradoxical phenomena in associations between cardiovascular health score, subclinical and clinical cardiovascular disease in the community: The Framingham Heart Study. <i>PLoS ONE</i> , 2022, 17, e0267267. | 1.1 | 1         |

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|----|--|-----|-----------|
| 37 | Integrative Analysis of Circulating Metabolite Levels That Correlate With Physical Activity and Cardiorespiratory Fitness. <i>Circulation Genomic and Precision Medicine</i> , 2022, 15, 101161CIRCGEN121003592.   | 1.6 | 1         |
| 38 | Lymphocyte activation gene-3-associated protein networks are associated with HDL-cholesterol and mortality in the Trans-omics for Precision Medicine program. <i>Communications Biology</i> , 2022, 5, 362.  | 2.0 | 5         |
| 39 | The Value of Rare Genetic Variation in the Prediction of Common Obesity in European Ancestry Populations. <i>Frontiers in Endocrinology</i> , 2022, 13, 863893.  | 1.5 | 7         |
| 40 | Insulin-Like Growth Factor, Inflammation, and MRI Markers of Alzheimer's Disease in Predominantly Middle-Aged Adults. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 311-322.   | 1.2 | 6         |
| 41 | Predictors of incident diabetes in two populations: framingham heart study and hispanic community health study / study of latinos. <i>BMC Public Health</i> , 2022, 22, .  | 1.2 | 6         |
| 42 | Multi-system trajectories and the incidence of heart failure in the Framingham Offspring Study. <i>PLoS ONE</i> , 2022, 17, e0268576.  | 1.1 | 0         |
| 43 | Association of Thromboxane Generation With Survival in Aspirin Users and Nonusers. <i>Journal of the American College of Cardiology</i> , 2022, 80, 233-250.   | 1.2 | 14        |
| 44 | Quantitative Comparison of Statistical Methods for Analyzing Human Metabolomics Data. <i>Metabolites</i> , 2022, 12, 519.  | 1.3 | 7         |
| 45 | Incidence rates of dilated cardiomyopathy in adult first-degree relatives versus matched controls. <i>IJC Heart and Vasculature</i> , 2022, 41, 101065.  | 0.6 | 5         |
| 46 | Red Blood Cell DHA Is Inversely Associated with Risk of Incident Alzheimer's Disease and All-Cause Dementia: Framingham Offspring Study. <i>Nutrients</i> , 2022, 14, 2408.  | 1.7 | 14        |
| 47 | Arsenic Exposure, Blood DNA Methylation, and Cardiovascular Disease. <i>Circulation Research</i> , 2022, 131, .  | 2.0 | 20        |
| 48 | Association of Aortic Stiffness and Pressure Pulsatility With Global Amyloid- $\beta^2$ and Regional Tau Burden Among Framingham Heart Study Participants Without Dementia. <i>JAMA Neurology</i> , 2022, 79, 710.   | 4.5 | 10        |
| 49 | Assessing the contribution of rare genetic variants to phenotypes of chronic obstructive pulmonary disease using whole-genome sequence data. <i>Human Molecular Genetics</i> , 2022, 31, 3873-3885.  | 1.4 | 2         |
| 50 | Proteomics and Population Biology in the Cardiovascular Health Study (CHS): design of a study with mentored access and active data sharing. <i>European Journal of Epidemiology</i> , 2022, 37, 755-765.   | 2.5 | 6         |
| 51 | Genome-Wide Association Study Highlights APOH as a Novel Locus for Lipoprotein(a) Levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 458-464.   | 1.1 | 29        |
| 52 | Association of Circulating Metabolites in Plasma or Serum and Risk of Stroke. <i>Neurology</i> , 2021, 96, .   | 1.5 | 24        |
| 53 | The southern rural health and mortality penalty: A review of regional health inequities in the United States. <i>Social Science and Medicine</i> , 2021, 268, 113443.  | 1.8 | 58        |
| 54 | Coronary Artery Calcium Score Directed Primary Prevention With Statins on the Basis of the 2018 American College of Cardiology/American Heart Association/Multisociety Cholesterol Guidelines. <i>Journal of the American Heart Association</i> , 2021, 10, e018342. | 1.6 | 10        |

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|----|--|------|-----------|
| 55 | Associations of <math>\omega</math>-3 Fatty Acids With Interstitial Lung Disease and Lung Imaging Abnormalities Among Adults. American Journal of Epidemiology, 2021, 190, 95-108.   | 1.6  | 11        |
| 56 | Association of antecedent cardiovascular risk factor levels and trajectories with cardiovascular magnetic resonance-derived cardiac function and structure. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 2.                             | 1.6  | 4         |
| 57 | Deep convolutional neural networks to predict cardiovascular risk from computed tomography. Nature Communications, 2021, 12, 715.  | 5.8  | 101       |
| 58 | Whole genome sequence analyses of eGFR in 23,732 people representing multiple ancestries in the NHLBI trans-omics for precision medicine (TOPMed) consortium. EBioMedicine, 2021, 63, 103157.  | 2.7  | 14        |
| 59 | Proteomic Signatures of Lifestyle Risk Factors for Cardiovascular Disease: A Cross-sectional Analysis of the Plasma Proteome in the Framingham Heart Study. Journal of the American Heart Association, 2021, 10, e018020.                          | 1.6  | 14        |
| 60 | Associations of the Mediterranean-Dietary Approaches to Stop Hypertension Intervention for Neurodegenerative Delay diet with cardiac remodelling in the community: the Framingham Heart Study. British Journal of Nutrition, 2021, 126, 1888-1896. | 1.2  | 13        |
| 61 | Intrinsic Frequencies of Carotid Pressure Waveforms Predict Heart Failure Events. Hypertension, 2021, 77, 338-346.   | 1.3  | 10        |
| 62 | Association of lung diffusion capacity with cardiac remodeling and risk of heart failure: The Framingham heart study. PLoS ONE, 2021, 16, e0246355.  | 1.1  | 0         |
| 63 | Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299.  | 13.7 | 1,069     |
| 64 | Cardiovascular Risk Factors Are Associated With Future Cancer. JACC: CardioOncology, 2021, 3, 48-58.   | 1.7  | 83        |
| 65 | Proteomic profiling reveals biomarkers and pathways in type 2 diabetes risk. JCI Insight, 2021, 6, .   | 2.3  | 26        |
| 66 | Age dependent associations of risk factors with heart failure: pooled population based cohort study. BMJ, The, 2021, 372, n461.  | 3.0  | 83        |
| 67 | Biological Pathways in Adolescent Aortic Stiffness. Journal of the American Heart Association, 2021, 10, e018419.  | 1.6  | 8         |
| 68 | Association of Blood Pressure and Heart Rate Responses to Submaximal Exercise With Incident Heart Failure: The Framingham Heart Study. Journal of the American Heart Association, 2021, 10, e019460.   | 1.6  | 9         |
| 69 | Conjoint Associations of Adherence to Physical Activity and Dietary Guidelines With Cardiometabolic Health: The Framingham Heart Study. Journal of the American Heart Association, 2021, 10, e019800.  | 1.6  | 7         |
| 70 | Epidemiology of Heart Failure Stages in Middle-aged Black People in the Community: Prevalence and Prognosis in the Atherosclerosis Risk in Communities Study. Journal of the American Heart Association, 2021, 10, e016524.                        | 1.6  | 10        |
| 71 | Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. Nature Communications, 2021, 12, 2182.  | 5.8  | 17        |
| 72 | Shared Genetic and Environmental Architecture of Cardiac Phenotypes Assessed via Echocardiography. Circulation Genomic and Precision Medicine, 2021, 14, e003244.  | 1.6  | 2         |

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|----|---|-----|-----------|
| 73 | Circulating growth factors and cardiac remodeling in the community: The Framingham Heart Study. <i>International Journal of Cardiology</i> , 2021, 329, 217-224.  | 0.8 | 2         |
| 74 | Sex-Specific Prevalence, Incidence, and Mortality Associated With Atrial Fibrillation in Heart Failure. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 1366-1375.   | 1.3 | 10        |
| 75 | Multioomic Profiling in Black and White Populations Reveals Novel Candidate Pathways in Left Ventricular Hypertrophy and Incident Heart Failure Specific to Black Adults. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003191.  | 1.6 | 7         |
| 76 | Whole-genome sequencing association analysis of quantitative red blood cell phenotypes: The NHLBI TOPMed program. <i>American Journal of Human Genetics</i> , 2021, 108, 874-893.   | 2.6 | 28        |
| 77 | Biomarkers representing key aging-related biological pathways are associated with subclinical atherosclerosis and all-cause mortality: The Framingham Study. <i>PLoS ONE</i> , 2021, 16, e0251308.  | 1.1 | 8         |
| 78 | Plasma Metabolomic Signatures of Healthy Dietary Patterns in the Chronic Renal Insufficiency Cohort (CRIC) Study. <i>Journal of Nutrition</i> , 2021, 151, 2894-2907.   | 1.3 | 12        |
| 79 | Prognostic Significance of Echocardiographic Measures of Cardiac Remodeling in the Community. <i>Current Cardiology Reports</i> , 2021, 23, 86.   | 1.3 | 5         |
| 80 | Metabolic Cost of Exercise Initiation in Patients With Heart Failure With Preserved Ejection Fraction vs Community-Dwelling Adults. <i>JAMA Cardiology</i> , 2021, 6, 653.  | 3.0 | 7         |
| 81 | Sex Differences in the Associations of Visceral Adipose Tissue and Cardiometabolic and Cardiovascular Disease Risk: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2021, 10, e019968.                             | 1.6 | 33        |
| 82 | Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. <i>Nature Communications</i> , 2021, 12, 3505.   | 5.8 | 49        |
| 83 | Framingham Heart Study. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2680-2692.   | 1.2 | 35        |
| 84 | Heart failure risk estimation based on novel biomarkers. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 655-672.   | 1.5 | 5         |
| 85 | Using an erythrocyte fatty acid fingerprint to predict risk of all-cause mortality: the Framingham Offspring Cohort. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1447-1454.  | 2.2 | 18        |
| 86 | Kidney Function and Aortic Stiffness, Pulsatility, and Endothelial Function in African Americans: The Jackson Heart Study. <i>Kidney Medicine</i> , 2021, 3, 702-711.e1.  | 1.0 | 4         |
| 87 | Abnormal hearing patterns are not associated with endothelium-dependent vasodilation and carotid intima-media thickness: The Framingham Heart Study. <i>Vascular Medicine</i> , 2021, 26, 1358863X2110250.  | 0.8 | 2         |
| 88 | Coronary Artery Calcium Assessed Years Before Was Positively Associated With Subtle White Matter Injury of the Brain in Asymptomatic Middle-Aged Men: The Framingham Heart Study. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e011753. | 1.3 | 4         |
| 89 | Mind Diet Adherence and Cognitive Performance in the Framingham Heart Study. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 827-839.   | 1.2 | 30        |
| 90 | Rare Coding Variants Associated With Electrocardiographic Intervals Identify Monogenic Arrhythmia Susceptibility Genes: A Multi-Ancestry Analysis. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003300.                         | 1.6 | 7         |

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|-----|--|-----|-----------|
| 91  | Physical activity and fitness in the community: the Framingham Heart Study. <i>European Heart Journal</i> , 2021, 42, 4565-4575.   | 1.0 | 38        |
| 92  | Blood DNA Methylation and Incident Coronary Heart Disease. <i>JAMA Cardiology</i> , 2021, 6, 1237.   | 3.0 | 24        |
| 93  | Relations of arterial stiffness and endothelial dysfunction with incident venous thromboembolism. <i>Thrombosis Research</i> , 2021, 204, 108-113.   | 0.8 | 2         |
| 94  | Association of Mildly Reduced Kidney Function With Cardiovascular Disease: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2021, 10, e020301.   | 1.6 | 13        |
| 95  | Population sequencing data reveal a compendium of mutational processes in the human germ line. <i>Science</i> , 2021, 373, 1030-1035.  | 6.0 | 43        |
| 96  | Long-term air pollution exposure and sex-specific cardiometabolic health trajectories: the Framingham Offspring Study. <i>ISEE Conference Abstracts</i> , 2021, 2021, .  | 0.0 | 0         |
| 97  | Metabolite Biomarkers of CKD Progression in Children. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 1178-1189.  | 2.2 | 18        |
| 98  | The genomics of heart failure: design and rationale of the HERMES consortium. <i>ESC Heart Failure</i> , 2021, 8, 5531-5541.   | 1.4 | 11        |
| 99  | Whole-genome sequencing in diverse subjects identifies genetic correlates of leukocyte traits: The NHLBI TOPMed program. <i>American Journal of Human Genetics</i> , 2021, 108, 1836-1851.   | 2.6 | 14        |
| 100 | Presence and transmission of mitochondrial heteroplasmic mutations in human populations of European and African ancestry. <i>Mitochondrion</i> , 2021, 60, 33-42.  | 1.6 | 6         |
| 101 | Associations of circulating dimethylarginines with the metabolic syndrome in the Framingham Offspring study. <i>PLoS ONE</i> , 2021, 16, e0254577.   | 1.1 | 1         |
| 102 | Digital Peripheral Arterial Tonometry and Cardiovascular Disease Events: The Framingham Heart Study. <i>Stroke</i> , 2021, 52, 2866-2873.  | 1.0 | 5         |
| 103 | Cardiac MRI shows an association of lower cardiorespiratory fitness with decreased myocardial mass and higher cardiac stiffness in the general population – The Sedentary's Heart. <i>Progress in Cardiovascular Diseases</i> , 2021, 68, 25-35. | 1.6 | 8         |
| 104 | Feasibility, Methodology, and Interpretation of Broad-Scale Assessment of Cardiorespiratory Fitness in a Large Community-Based Sample. <i>American Journal of Cardiology</i> , 2021, 157, 56-63.   | 0.7 | 6         |
| 105 | Discrepancies in Observed and Predicted Longitudinal Change in Central Hemodynamic Measures: The Framingham Heart Study. <i>Hypertension</i> , 2021, 78, 973-982.  | 1.3 | 1         |
| 106 | The Molecular Basis of Predicting Atherosclerotic Cardiovascular Disease Risk. <i>Circulation Research</i> , 2021, 128, 287-303.   | 2.0 | 46        |
| 107 | Metabolomic Profiles and Heart Failure Risk in Black Adults: Insights From the Jackson Heart Study. <i>Circulation: Heart Failure</i> , 2021, 14, e007275.   | 1.6 | 29        |
| 108 | Association of mitochondrial DNA copy number with cardiometabolic diseases. <i>Cell Genomics</i> , 2021, 1, 100006.  | 3.0 | 26        |

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|-----|---|------|-----------|
| 109 | Arteriosclerosis, Atherosclerosis, and Cardiovascular Health: Joint Relations to the Incidence of Cardiovascular Disease. <i>Hypertension</i> , 2021, 78, 1232-1240.  | 1.3  | 16        |
| 110 | Aortic Root Diameter and Arterial Stiffness: Conjoint Relations to the Incidence of Cardiovascular Disease in the Framingham Heart Study. <i>Hypertension</i> , 2021, 78, 1278-1286.                                      | 1.3  | 1         |
| 111 | Association of Estimated Cardiorespiratory Fitness in Midlife With Cardiometabolic Outcomes and Mortality. <i>JAMA Network Open</i> , 2021, 4, e2131284.  | 2.8  | 13        |
| 112 | Lifetime Risk of Heart Failure and Trends in Incidence Rates Among Individuals With Type 2 Diabetes Between 1995 and 2018. <i>Journal of the American Heart Association</i> , 2021, 10, e021230.                          | 1.6  | 2         |
| 113 | Whole-Genome Sequencing Association Analyses of Stroke and Its Subtypes in Ancestrally Diverse Populations From Trans-Omics for Precision Medicine Project. <i>Stroke</i> , 2021, , STROKEAHA120031792.                   | 1.0  | 16        |
| 114 | Population study of the gut microbiome: associations with diet, lifestyle, and cardiometabolic disease. <i>Genome Medicine</i> , 2021, 13, 188.   | 3.6  | 27        |
| 115 | Prognostic Significance of Echocardiographic Measures of Cardiac Remodeling. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 72-81.e6.   | 1.2  | 13        |
| 116 | Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. <i>Nature Communications</i> , 2020, 11, 163.   | 5.8  | 466       |
| 117 | Searching for parent-of-origin effects on cardiometabolic traits in imprinted genomic regions. <i>European Journal of Human Genetics</i> , 2020, 28, 646-655.   | 1.4  | 5         |
| 118 | Genome-wide meta-analysis of variant-by-diuretic interactions as modulators of lipid traits in persons of European and African ancestry. <i>Pharmacogenomics Journal</i> , 2020, 20, 482-493.                             | 0.9  | 4         |
| 119 | Cumulative sugar-sweetened beverage consumption is associated with higher concentrations of circulating ceramides in the Framingham Offspring Cohort. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 420-428. | 2.2  | 13        |
| 120 | Whole genome sequence analysis of pulmonary function and COPD in 19,996 multi-ethnic participants. <i>Nature Communications</i> , 2020, 11, 5182.   | 5.8  | 32        |
| 121 | Comprehensive Metabolic Phenotyping Refines Cardiovascular Risk in Young Adults. <i>Circulation</i> , 2020, 142, 2110-2127.   | 1.6  | 23        |
| 122 | An Early-Onset Subgroup of Type 2 Diabetes: A Multigenerational, Prospective Analysis in the Framingham Heart Study. <i>Diabetes Care</i> , 2020, 43, 3086-3093.  | 4.3  | 14        |
| 123 | Metabolomic signatures of cardiac remodelling and heart failure risk in the community. <i>ESC Heart Failure</i> , 2020, 7, 3707-3715.   | 1.4  | 20        |
| 124 | Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020, 586, 763-768.  | 13.7 | 376       |
| 125 | Cardiovascular health, genetic risk, and risk of dementia in the Framingham Heart Study. <i>Neurology</i> , 2020, 95, e1341-e1350.  | 1.5  | 37        |
| 126 | The association of non-alcoholic fatty liver disease and cardiac structure and function—Framingham Heart Study. <i>Liver International</i> , 2020, 40, 2445-2454.   | 1.9  | 21        |



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|-----|--|-----|-----------|
| 127 | An update on genetic risk scores for coronary artery disease: are they useful for predicting disease risk and guiding clinical decisions?. Expert Review of Cardiovascular Therapy, 2020, 18, 443-447.                             | 0.6 | 2         |
| 128 | Life Course Developmental Approach to Cardiovascular Health and Cardiovascular Disease Prevention. Journal of the American College of Cardiology, 2020, 76, 2708-2711.   | 1.2 | 8         |
| 129 | Association of Lower Plasma Homocysteine Concentrations with Greater Risk of All-Cause Mortality in the Community: The Framingham Offspring Study. Journal of Clinical Medicine, 2020, 9, 2016.                                    | 1.0 | 11        |
| 130 | Association of Exhaled Carbon Monoxide With Ideal Cardiovascular Health, Circulating Biomarkers, and Incidence of Heart Failure in the Framingham Offspring Study. Journal of the American Heart Association, 2020, 9, e016762.    | 1.6 | 1         |
| 131 | Association of Changes in Cardiovascular Health Metrics and Risk of Subsequent Cardiovascular Disease and Mortality. Journal of the American Heart Association, 2020, 9, e017458.  | 1.6 | 38        |
| 132 | A Contemporary Approach to Hypertensive Cardiomyopathy: Reversing Left Ventricular Hypertrophy. Current Hypertension Reports, 2020, 22, 85.  | 1.5 | 13        |
| 133 | Circulating testican-2 is a podocyte-derived marker of kidney health. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25026-25035.   | 3.3 | 19        |
| 134 | Eicosanoid Inflammatory Mediators Are Robustly Associated With Blood Pressure in the General Population. Journal of the American Heart Association, 2020, 9, e017598.  | 1.6 | 17        |
| 135 | Sex-Specific Associations of Cardiovascular Risk Factors and Biomarkers With Incident Heart Failure. Journal of the American College of Cardiology, 2020, 76, 1455-1465.   | 1.2 | 54        |
| 136 | Metabolic Architecture of Acute Exercise Response in Middle-Aged Adults in the Community. Circulation, 2020, 142, 1905-1924.   | 1.6 | 65        |
| 137 | Growth Differentiation Factor 15 and NT-proBNP as Blood-Based Markers of Vascular Brain Injury and Dementia. Journal of the American Heart Association, 2020, 9, e014659.  | 1.6 | 32        |
| 138 | Premature Parental Cardiovascular Disease and Subclinical Disease Burden in the Offspring. Journal of the American Heart Association, 2020, 9, e015406.  | 1.6 | 3         |
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| 834 | Long-Term Trends in the Incidence of Heart Failure After Myocardial Infarction. <i>Circulation</i> , 2008, 118, 2057-2062.  | 1.6 | 428       |
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| 838 | Response to Letter Regarding Article, "Association of Leukocyte Telomere Length With Circulating Biomarkers of the Renin-Angiotensin-Aldosterone System: The Framingham Heart Study". <i>Circulation</i> , 2008, 118, . | 1.6 | 1         |
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