

Ramachandran S. Vasani

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1,015
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120,088
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156
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322
g-index

1,118
ext. papers

137,984
ext. citations

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avg, IF

8.22
L-index

#	Paper	IF	Citations
1015	Evaluating the added predictive ability of a new marker: from area under the ROC curve to reclassification and beyond. <i>Statistics in Medicine</i> , 2008 , 27, 157-72; discussion 207-12	2.3	4529
1014	General cardiovascular risk profile for use in primary care: the Framingham Heart Study. <i>Circulation</i> , 2008 , 117, 743-53	16.3	4269
1013	Diabetes mellitus, fasting blood glucose concentration, and risk of vascular disease: a collaborative meta-analysis of 102 prospective studies. <i>Lancet, The</i> , 2010 , 375, 2215-22	36.2	2727
1012	Obesity and the risk of heart failure. <i>New England Journal of Medicine</i> , 2002 , 347, 305-13	57.2	2109
1011	Metabolite profiles and the risk of developing diabetes. <i>Nature Medicine</i> , 2011 , 17, 448-53	49.3	2042
1010	Abdominal visceral and subcutaneous adipose tissue compartments: association with metabolic risk factors in the Framingham Heart Study. <i>Circulation</i> , 2007 , 116, 39-48	16.3	1893
1009	Vitamin D deficiency and risk of cardiovascular disease. <i>Circulation</i> , 2008 , 117, 503-11	16.3	1766
1008	Long-term trends in the incidence of and survival with heart failure. <i>New England Journal of Medicine</i> , 2002 , 347, 1397-402	57.2	1608
1007	C-reactive protein concentration and risk of coronary heart disease, stroke, and mortality: an individual participant meta-analysis. <i>Lancet, The</i> , 2010 , 375, 132-40	36.2	1595
1006	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011 , 478, 103-9	47.5	1582
1005	Lifetime risk for development of atrial fibrillation: the Framingham Heart Study. <i>Circulation</i> , 2004 , 110, 1042-6	16.3	1514
1004	Impact of high-normal blood pressure on the risk of cardiovascular disease. <i>New England Journal of Medicine</i> , 2001 , 345, 1291-7	57.2	1466
1003	Arterial stiffness and cardiovascular events: the Framingham Heart Study. <i>Circulation</i> , 2010 , 121, 505-11	16.3	1465
1002	Temporal relations of atrial fibrillation and congestive heart failure and their joint influence on mortality: the Framingham Heart Study. <i>Circulation</i> , 2003 , 107, 2920-5	16.3	1396
1001	Common genetic determinants of vitamin D insufficiency: a genome-wide association study. <i>Lancet, The</i> , 2010 , 376, 180-8	36.2	1181
1000	The progression from hypertension to congestive heart failure. <i>JAMA - Journal of the American Medical Association</i> , 1996 , 275, 1557-1562	26.8	1194
999	Plasma natriuretic peptide levels and the risk of cardiovascular events and death. <i>New England Journal of Medicine</i> , 2004 , 350, 655-63	57.2	1145

998	Lifetime risk for developing congestive heart failure: the Framingham Heart Study. <i>Circulation</i> , 2002 , 106, 3068-72	16.3	1130
997	Congestive heart failure in subjects with normal versus reduced left ventricular ejection fraction: prevalence and mortality in a population-based cohort. <i>Journal of the American College of Cardiology</i> , 1999 , 33, 1948-55	4.6	1091
996	Changes in arterial stiffness and wave reflection with advancing age in healthy men and women: the Framingham Heart Study. <i>Hypertension</i> , 2004 , 43, 1239-45	8	1072
995	Genome-wide association study of blood pressure and hypertension. <i>Nature Genetics</i> , 2009 , 41, 677-87	35.2	1072
994	Aortic pulse wave velocity improves cardiovascular event prediction: an individual participant meta-analysis of prospective observational data from 17,635 subjects. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 636-646	4.6	1088
993	Obesity and systemic oxidative stress: clinical correlates of oxidative stress in the Framingham Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 434-9	9.1	1047
992	Multiple biomarkers for the prediction of first major cardiovascular events and death. <i>New England Journal of Medicine</i> , 2006 , 355, 2631-9	57.2	1013
991	Genome-wide meta-analyses identify multiple loci associated with smoking behavior. <i>Nature Genetics</i> , 2010 , 42, 441-7	35.2	923
990	Obesity and the risk of new-onset atrial fibrillation. <i>JAMA - Journal of the American Medical Association</i> , 2004 , 292, 2471-7	26.8	921
989	Residual lifetime risk for developing hypertension in middle-aged women and men: The Framingham Heart Study. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 287, 1003-10	26.8	861
988	Biomarkers of cardiovascular disease: molecular basis and practical considerations. <i>Circulation</i> , 2006 , 113, 2335-62	16.3	876
987	Assessment of frequency of progression to hypertension in non-hypertensive participants in the Framingham Heart Study: a cohort study. <i>Lancet, The</i> , 2001 , 358, 1682-6	36.2	761
986	Pericardial fat, visceral abdominal fat, cardiovascular disease risk factors, and vascular calcification in a community-based sample: the Framingham Heart Study. <i>Circulation</i> , 2008 , 117, 605-13	16.3	760
985	Impact of obesity on plasma natriuretic peptide levels. <i>Circulation</i> , 2004 , 109, 594-600	16.3	739
984	Body mass index, metabolic syndrome, and risk of type 2 diabetes or cardiovascular disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 2906-12	5.4	715
983	Development of a risk score for atrial fibrillation (Framingham Heart Study): a community-based cohort study. <i>Lancet, The</i> , 2009 , 373, 739-45	36.2	737
982	Prevalence, clinical features and prognosis of diastolic heart failure: an epidemiologic perspective. <i>Journal of the American College of Cardiology</i> , 1995 , 26, 1565-74	4.6	702
981	50 year trends in atrial fibrillation prevalence, incidence, risk factors, and mortality in the Framingham Heart Study: a cohort study. <i>Lancet, The</i> , 2015 , 386, 154-62	36.2	716

980	Soft drink consumption and risk of developing cardiometabolic risk factors and the metabolic syndrome in middle-aged adults in the community. <i>Circulation</i> , 2007 , 116, 480-8	16.3	686
979	Visceral and subcutaneous adipose tissue volumes are cross-sectionally related to markers of inflammation and oxidative stress: the Framingham Heart Study. <i>Circulation</i> , 2007 , 116, 1234-41	16.3	663
978	The Framingham Heart Study and the epidemiology of cardiovascular disease: a historical perspective. <i>Lancet, The</i> , 2014 , 383, 999-1008	36.2	639
977	Aortic stiffness, blood pressure progression, and incident hypertension. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 875-81	26.8	632
976	Relations of serum phosphorus and calcium levels to the incidence of cardiovascular disease in the community. <i>Archives of Internal Medicine</i> , 2007 , 167, 879-85		606
975	The Third Generation Cohort of the National Heart, Lung, and Blood Institute's Framingham Heart Study: design, recruitment, and initial examination. <i>American Journal of Epidemiology</i> , 2007 , 165, 1328-35	37	597
974	A risk score for predicting stroke or death in individuals with new-onset atrial fibrillation in the community: the Framingham Heart Study. <i>JAMA - Journal of the American Medical Association</i> , 2003 , 290, 1049-56	26.8	578
973	Defining diastolic heart failure: a call for standardized diagnostic criteria. <i>Circulation</i> , 2000 , 101, 2118-21	16.3	585
972	Low-grade albuminuria and incidence of cardiovascular disease events in nonhypertensive and nondiabetic individuals: the Framingham Heart Study. <i>Circulation</i> , 2005 , 112, 969-75	16.3	572
971	Inflammatory markers and risk of heart failure in elderly subjects without prior myocardial infarction: the Framingham Heart Study. <i>Circulation</i> , 2003 , 107, 1486-91	16.3	557
970	Predicting the 30-year risk of cardiovascular disease: the framingham heart study. <i>Circulation</i> , 2009 , 119, 3078-84	16.3	566
969	Cross-sectional relations of digital vascular function to cardiovascular risk factors in the Framingham Heart Study. <i>Circulation</i> , 2008 , 117, 2467-74	16.3	540
968	Triglyceride-mediated pathways and coronary disease: collaborative analysis of 101 studies. <i>Lancet, The</i> , 2010 , 375, 1634-9	36.2	527
967	Clinical correlates and heritability of flow-mediated dilation in the community: the Framingham Heart Study. <i>Circulation</i> , 2004 , 109, 613-9	16.3	481
966	Increasing cardiovascular disease burden due to diabetes mellitus: the Framingham Heart Study. <i>Circulation</i> , 2007 , 115, 1544-50	16.3	474
965	Relation of disease pathogenesis and risk factors to heart failure with preserved or reduced ejection fraction: insights from the framingham heart study of the national heart, lung, and blood institute. <i>Circulation</i> , 2009 , 119, 3070-7	16.3	480
964	The progression from hypertension to congestive heart failure. <i>JAMA - Journal of the American Medical Association</i> , 1996 , 275, 1557-62	26.8	463
963	Epidemiology and clinical course of heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2011 , 13, 18-28	12	452

962	Parental atrial fibrillation as a risk factor for atrial fibrillation in offspring. <i>JAMA - Journal of the American Medical Association</i> , 2004 , 291, 2851-5	26.8	435
961	Natural history of asymptomatic left ventricular systolic dysfunction in the community. <i>Circulation</i> , 2003 , 108, 977-82	16.3	441
960	Serum aldosterone and the incidence of hypertension in nonhypertensive persons. <i>New England Journal of Medicine</i> , 2004 , 351, 33-41	57.2	429
959	Association between C reactive protein and coronary heart disease: mendelian randomisation analysis based on individual participant data. <i>BMJ, The</i> , 2011 , 342, d548	5.7	433
958	Clinical utility of different lipid measures for prediction of coronary heart disease in men and women. <i>JAMA - Journal of the American Medical Association</i> , 2007 , 298, 776-85	26.8	417
957	Lipid profiling identifies a triacylglycerol signature of insulin resistance and improves diabetes prediction in humans. <i>Journal of Clinical Investigation</i> , 2011 , 121, 1402-11	15.3	414
956	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , 2011 , 43, 1131-8	35.2	413
955	Galectin-3, a marker of cardiac fibrosis, predicts incident heart failure in the community. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1249-56	4.6	410
954	Metabolite profiling identifies pathways associated with metabolic risk in humans. <i>Circulation</i> , 2012 , 125, 2222-31	16.3	398
953	Meta-analysis of genome-wide association studies in >80 000 subjects identifies multiple loci for C-reactive protein levels. <i>Circulation</i> , 2011 , 123, 731-8	16.3	398
952	Gamma glutamyl transferase and metabolic syndrome, cardiovascular disease, and mortality risk: the Framingham Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 127-33	9.1	395
951	Impact of glucose intolerance and insulin resistance on cardiac structure and function: sex-related differences in the Framingham Heart Study. <i>Circulation</i> , 2003 , 107, 448-54	16.3	392
950	Dose-response associations between accelerometry measured physical activity and sedentary time and all cause mortality: systematic review and harmonised meta-analysis. <i>BMJ, The</i> , 2019 , 366, l4570	5.7	386
949	Long-term outcomes in individuals with prolonged PR interval or first-degree atrioventricular block. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 301, 2571-7	26.8	378
948	Relations of serum uric acid to longitudinal blood pressure tracking and hypertension incidence. <i>Hypertension</i> , 2005 , 45, 28-33	8	364
947	Common variants in KCNN3 are associated with lone atrial fibrillation. <i>Nature Genetics</i> , 2010 , 42, 240-4	35.2	373
946	β-Aminoisobutyric acid induces browning of white fat and hepatic β-oxidation and is inversely correlated with cardiometabolic risk factors. <i>Cell Metabolism</i> , 2014 , 19, 96-108	23.7	358
945	Impact of age and sex on plasma natriuretic peptide levels in healthy adults. <i>American Journal of Cardiology</i> , 2002 , 90, 254-8	2.9	359

944	Metabolite profiling and cardiovascular event risk: a prospective study of 3 population-based cohorts. <i>Circulation</i> , 2015 , 131, 774-85	16.3	367
943	Adiposity, cardiometabolic risk, and vitamin D status: the Framingham Heart Study. <i>Diabetes</i> , 2010 , 59, 242-8	0.7	350
942	Plasma natriuretic peptides for community screening for left ventricular hypertrophy and systolic dysfunction: the Framingham heart study. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 288, 1252-9	26.8	353
941	How to diagnose heart failure with preserved ejection fraction: the HFA-PEFF diagnostic algorithm: a consensus recommendation from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2019 , 40, 3297-3317	9	385
940	Inflammatory markers and the risk of Alzheimer disease: the Framingham Study. <i>Neurology</i> , 2007 , 68, 1902-8	5.7	354
939	Long-term trends in the incidence of heart failure after myocardial infarction. <i>Circulation</i> , 2008 , 118, 2057-62	16.3	351
938	Genome-wide association study of PR interval. <i>Nature Genetics</i> , 2010 , 42, 153-9	35.2	351
937	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011 , 43, 1005-11	35.2	342
936	Prognostic utility of novel biomarkers of cardiovascular stress: the Framingham Heart Study. <i>Circulation</i> , 2012 , 126, 1596-604	16.3	335
935	Atrial Fibrillation Begets Heart Failure and Vice Versa: Temporal Associations and Differences in Preserved Versus Reduced Ejection Fraction. <i>Circulation</i> , 2016 , 133, 484-92	16.3	343
934	Local shear stress and brachial artery flow-mediated dilation: the Framingham Heart Study. <i>Hypertension</i> , 2004 , 44, 134-9	8	323
933	Abdominal subcutaneous adipose tissue: a protective fat depot?. <i>Diabetes Care</i> , 2009 , 32, 1068-75	14.1	309
932	Mitral annular calcification predicts cardiovascular morbidity and mortality: the Framingham Heart Study. <i>Circulation</i> , 2003 , 107, 1492-6	16.3	319
931	Variants in ZFHX3 are associated with atrial fibrillation in individuals of European ancestry. <i>Nature Genetics</i> , 2009 , 41, 879-81	35.2	314
930	Current Diagnostic and Treatment Strategies for Specific Dilated Cardiomyopathies: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2016 , 134, e579-e646	16.3	318
929	Metabolic profiling of the human response to a glucose challenge reveals distinct axes of insulin sensitivity. <i>Molecular Systems Biology</i> , 2008 , 4, 214	11.8	299
928	Left ventricular dilatation and the risk of congestive heart failure in people without myocardial infarction. <i>New England Journal of Medicine</i> , 1997 , 336, 1350-5	57.2	304
927	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016 , 7, 10023	16.9	297

926	Trends in the incidence of type 2 diabetes mellitus from the 1970s to the 1990s: the Framingham Heart Study. <i>Circulation</i> , 2006 , 113, 2914-8	16.3	288
925	Relation of brachial and digital measures of vascular function in the community: the Framingham heart study. <i>Hypertension</i> , 2011 , 57, 390-6	8	288
924	Association of common variants in NPPA and NPPB with circulating natriuretic peptides and blood pressure. <i>Nature Genetics</i> , 2009 , 41, 348-53	35.2	302
923	LDL Particle Number and Risk of Future Cardiovascular Disease in the Framingham Offspring Study - Implications for LDL Management. <i>Journal of Clinical Lipidology</i> , 2007 , 1, 583-92	2.8	295
922	Pericardial fat is associated with prevalent atrial fibrillation: the Framingham Heart Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010 , 3, 345-50	6	283
921	Fatty liver is associated with dyslipidemia and dysglycemia independent of visceral fat: the Framingham Heart Study. <i>Hepatology</i> , 2010 , 51, 1979-87	10.9	279
920	2-Aminoadipic acid is a biomarker for diabetes risk. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4309-17	15.3	279
919	Association of plasma leptin levels with incident Alzheimer disease and MRI measures of brain aging. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 2565-72	26.8	274
918	Metabolic signatures of exercise in human plasma. <i>Science Translational Medicine</i> , 2010 , 2, 33ra37	16.9	270
917	Reference ranges for testosterone in men generated using liquid chromatography tandem mass spectrometry in a community-based sample of healthy nonobese young men in the Framingham Heart Study and applied to three geographically distinct cohorts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 2430-9	5.4	271
916	Plasma asymmetric dimethylarginine and incidence of cardiovascular disease and death in the community. <i>Circulation</i> , 2009 , 119, 1592-600	16.3	271
915	Neck circumference as a novel measure of cardiometabolic risk: the Framingham Heart study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 3701-10	5.4	254
914	Abdominal subcutaneous and visceral adipose tissue and insulin resistance in the Framingham heart study. <i>Obesity</i> , 2010 , 18, 2191-8	7.7	254
913	Genome-wide association study of coronary heart disease and its risk factors in 8,090 African Americans: the NHLBI CARE Project. <i>PLoS Genetics</i> , 2011 , 7, e1001300	5.7	249
912	Pulse pressure and risk of new-onset atrial fibrillation. <i>JAMA - Journal of the American Medical Association</i> , 2007 , 297, 709-15	26.8	253
911	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016 , 48, 1171-1184	35.2	255
910	Epidemiology of uncontrolled hypertension in the United States. <i>Circulation</i> , 2005 , 112, 1651-62	16.3	245
909	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021 , 590, 290-299	47.5	246

908	Aminotransferase levels and 20-year risk of metabolic syndrome, diabetes, and cardiovascular disease. <i>Gastroenterology</i> , 2008 , 135, 1935-44, 1944.e1	7.8	246
907	Overweight, obesity, and the development of stage 3 CKD: the Framingham Heart Study. <i>American Journal of Kidney Diseases</i> , 2008 , 52, 39-48	7.2	255
906	Alcohol consumption and the prevalence of the Metabolic Syndrome in the US.: a cross-sectional analysis of data from the Third National Health and Nutrition Examination Survey. <i>Diabetes Care</i> , 2004 , 27, 2954-9	14.1	233
905	Statistical methods for assessment of added usefulness of new biomarkers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 1703-11	5.7	241
904	Increased small low-density lipoprotein particle number: a prominent feature of the metabolic syndrome in the Framingham Heart Study. <i>Circulation</i> , 2006 , 113, 20-9	16.3	237
903	Single versus combined blood pressure components and risk for cardiovascular disease: the Framingham Heart Study. <i>Circulation</i> , 2009 , 119, 243-50	16.3	234
902	Cross-sectional relations of peripheral microvascular function, cardiovascular disease risk factors, and aortic stiffness: the Framingham Heart Study. <i>Circulation</i> , 2005 , 112, 3722-8	16.3	233
901	Carotid artery atherosclerosis, MRI indices of brain ischemia, aging, and cognitive impairment: the Framingham study. <i>Stroke</i> , 2009 , 40, 1590-6	6.5	228
900	Cardiac dysfunction and noncardiac dysfunction as precursors of heart failure with reduced and preserved ejection fraction in the community. <i>Circulation</i> , 2011 , 124, 24-30	16.3	223
899	Determinants of echocardiographic aortic root size. The Framingham Heart Study. <i>Circulation</i> , 1995 , 91, 734-40	16.3	216
898	Framingham Heart Study 100K Project: genome-wide associations for blood pressure and arterial stiffness. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S3	2	213
897	Impact of impaired fasting glucose on cardiovascular disease: the Framingham Heart Study. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 264-70	4.6	214
896	Hemodynamic correlates of blood pressure across the adult age spectrum: noninvasive evaluation in the Framingham Heart Study. <i>Circulation</i> , 2010 , 122, 1379-86	16.3	225
895	Association between familial atrial fibrillation and risk of new-onset atrial fibrillation. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 304, 2263-9	26.8	217
894	Relations of biomarkers of distinct pathophysiological pathways and atrial fibrillation incidence in the community. <i>Circulation</i> , 2010 , 121, 200-7	16.3	215
893	Vitamin K and vitamin D status: associations with inflammatory markers in the Framingham Offspring Study. <i>American Journal of Epidemiology</i> , 2008 , 167, 313-20	3.7	207
892	Genome-wide association identifies OBFC1 as a locus involved in human leukocyte telomere biology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 9293-8	11.1	210
891	Predictors of new-onset diastolic and systolic hypertension: the Framingham Heart Study. <i>Circulation</i> , 2005 , 111, 1121-7	16.3	207

890	Predictors of new-onset heart failure: differences in preserved versus reduced ejection fraction. <i>Circulation: Heart Failure</i> , 2013 , 6, 279-86	7.2	211
889	NRXN3 is a novel locus for waist circumference: a genome-wide association study from the CHARGE Consortium. <i>PLoS Genetics</i> , 2009 , 5, e1000539	5.7	201
888	Resistin, adiponectin, and risk of heart failure the Framingham offspring study. <i>Journal of the American College of Cardiology</i> , 2009 , 53, 754-62	4.6	199
887	Absence of association or genetic linkage between the angiotensin-converting-enzyme gene and left ventricular mass. <i>New England Journal of Medicine</i> , 1996 , 334, 1023-8	57.2	206
886	Serum insulin-like growth factor I and risk for heart failure in elderly individuals without a previous myocardial infarction: the Framingham Heart Study. <i>Annals of Internal Medicine</i> , 2003 , 139, 642-8	7.8	195
885	Inflammatory biomarkers are associated with total brain volume: the Framingham Heart Study. <i>Neurology</i> , 2007 , 68, 1032-8	5.7	194
884	Relation of obesity to cognitive function: importance of central obesity and synergistic influence of concomitant hypertension. The Framingham Heart Study. <i>Current Alzheimer Research</i> , 2007 , 4, 111-6	2.9	191
883	Cross-sectional correlates of increased aortic stiffness in the community: the Framingham Heart Study. <i>Circulation</i> , 2007 , 115, 2628-36	16.3	192
882	A genome-wide association study of the human metabolome in a community-based cohort. <i>Cell Metabolism</i> , 2013 , 18, 130-43	23.7	189
881	Red blood cell β fatty acid levels and markers of accelerated brain aging. <i>Neurology</i> , 2012 , 78, 658-64	5.7	185
880	A risk score for predicting near-term incidence of hypertension: the Framingham Heart Study. <i>Annals of Internal Medicine</i> , 2008 , 148, 102-10	7.8	185
879	Large-scale genomic studies reveal central role of ABO in sP-selectin and sICAM-1 levels. <i>Human Molecular Genetics</i> , 2010 , 19, 1863-72	5.5	183
878	Relations of thyroid function to body weight: cross-sectional and longitudinal observations in a community-based sample. <i>Archives of Internal Medicine</i> , 2008 , 168, 587-92		181
877	Contribution of clinical correlates and 13 C-reactive protein gene polymorphisms to interindividual variability in serum C-reactive protein level. <i>Circulation</i> , 2006 , 113, 1415-23	16.3	181
876	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016 , 48, 1151-1161	35.2	179
875	Adult height and the risk of cause-specific death and vascular morbidity in 1 million people: individual participant meta-analysis. <i>International Journal of Epidemiology</i> , 2012 , 41, 1419-33	7.6	180
874	CCL2 polymorphisms are associated with serum monocyte chemoattractant protein-1 levels and myocardial infarction in the Framingham Heart Study. <i>Circulation</i> , 2005 , 112, 1113-20	16.3	176
873	Brachial artery vasodilator function and systemic inflammation in the Framingham Offspring Study. <i>Circulation</i> , 2004 , 110, 3604-9	16.3	176

872	Large-scale gene-centric analysis identifies novel variants for coronary artery disease. <i>PLoS Genetics</i> , 2011 , 7, e1002260	5.7	174
871	Low-grade albuminuria and the risks of hypertension and blood pressure progression. <i>Circulation</i> , 2005 , 111, 1370-6	16.3	177
870	Relations of arterial stiffness and endothelial function to brain aging in the community. <i>Neurology</i> , 2013 , 81, 984-91	5.7	172
869	A combined epidemiologic and metabolomic approach improves CKD prediction. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 1330-8	12.3	173
868	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , 2018 , 9, 260	16.9	169
867	Association of plasma natriuretic peptide levels with metabolic risk factors in ambulatory individuals. <i>Circulation</i> , 2007 , 115, 1345-53	16.3	168
866	Genetic variants associated with cardiac structure and function: a meta-analysis and replication of genome-wide association data. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 168-78	26.8	169
865	Association of oxidative stress, insulin resistance, and diabetes risk phenotypes: the Framingham Offspring Study. <i>Diabetes Care</i> , 2007 , 30, 2529-35	14.1	162
864	Clinical and genetic correlates of aldosterone-to-renin ratio and relations to blood pressure in a community sample. <i>Hypertension</i> , 2007 , 49, 846-56	8	165
863	Alcohol consumption and risk for congestive heart failure in the Framingham Heart Study. <i>Annals of Internal Medicine</i> , 2002 , 136, 181-91	7.8	167
862	Correlates of echocardiographic indices of cardiac remodeling over the adult life course: longitudinal observations from the Framingham Heart Study. <i>Circulation</i> , 2010 , 122, 570-8	16.3	164
861	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. <i>Nature Communications</i> , 2014 , 5, 5068	16.9	163
860	Genetic and non-genetic correlates of vitamins K and D. <i>European Journal of Clinical Nutrition</i> , 2009 , 63, 458-64	5	158
859	Metabolic syndrome, insulin resistance, and brachial artery vasodilator function in Framingham Offspring participants without clinical evidence of cardiovascular disease. <i>American Journal of Cardiology</i> , 2008 , 101, 82-8	2.9	159
858	Serum brain-derived neurotrophic factor and the risk for dementia: the Framingham Heart Study. <i>JAMA Neurology</i> , 2014 , 71, 55-61	16.8	157
857	Relations of plasma matrix metalloproteinase-9 to clinical cardiovascular risk factors and echocardiographic left ventricular measures: the Framingham Heart Study. <i>Circulation</i> , 2004 , 109, 2850-6	16.3	154
856	The epidemiology of "asymptomatic" left ventricular systolic dysfunction: implications for screening. <i>Annals of Internal Medicine</i> , 2003 , 138, 907-16	7.8	153
855	Cohort Profile: The Framingham Heart Study (FHS): overview of milestones in cardiovascular epidemiology. <i>International Journal of Epidemiology</i> , 2015 , 44, 1800-13	7.6	156

854	Distribution and categorization of echocardiographic measurements in relation to reference limits: the Framingham Heart Study: formulation of a height- and sex-specific classification and its prospective validation. <i>Circulation</i> , 1997 , 96, 1863-73	16.3	153
853	The Framingham Heart Study 100K SNP genome-wide association study resource: overview of 17 phenotype working group reports. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S1	2	149
852	Heart rate recovery after treadmill exercise testing and risk of cardiovascular disease events (The Framingham Heart Study). <i>American Journal of Cardiology</i> , 2002 , 90, 848-52	2.9	150
851	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. <i>Nature Genetics</i> , 2016 , 48, 1162-70	35.2	152
850	Systemic inflammation and COPD: the Framingham Heart Study. <i>Chest</i> , 2008 , 133, 19-25	1.2	149
849	Multimarker approach to evaluate the incidence of the metabolic syndrome and longitudinal changes in metabolic risk factors: the Framingham Offspring Study. <i>Circulation</i> , 2007 , 116, 984-92	16.3	155
848	Endogenous sex hormones and cardiovascular disease incidence in men. <i>Annals of Internal Medicine</i> , 2006 , 145, 176-84	7.8	148
847	Plasma homocysteine and risk for congestive heart failure in adults without prior myocardial infarction. <i>JAMA - Journal of the American Medical Association</i> , 2003 , 289, 1251-7	26.8	150
846	Epidemiology of cardiovascular disease in young individuals. <i>Nature Reviews Cardiology</i> , 2018 , 15, 230-240	41.3	160
845	Genetic determinants of serum testosterone concentrations in men. <i>PLoS Genetics</i> , 2011 , 7, e1002313	5.7	147
844	Lifetime risk of cardiovascular disease among individuals with and without diabetes stratified by obesity status in the Framingham heart study. <i>Diabetes Care</i> , 2008 , 31, 1582-4	14.1	148
843	Association of genome-wide variation with the risk of incident heart failure in adults of European and African ancestry: a prospective meta-analysis from the cohorts for heart and aging research in genomic epidemiology (CHARGE) consortium. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 256-66		146
842	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. <i>Human Molecular Genetics</i> , 2011 , 20, 2273-84	5.5	145
841	Genome-wide association analysis of blood-pressure traits in African-ancestry individuals reveals common associated genes in African and non-African populations. <i>American Journal of Human Genetics</i> , 2013 , 93, 545-54	10.5	144
840	The Role of Hypertension in the Pathogenesis of Heart Failure. <i>Archives of Internal Medicine</i> , 1996 , 156, 1789		140
839	Association of circulating endothelial microparticles with cardiometabolic risk factors in the Framingham Heart Study. <i>European Heart Journal</i> , 2014 , 35, 2972-9	9	143
838	Usefulness of exercise testing in the prediction of coronary disease risk among asymptomatic persons as a function of the Framingham risk score. <i>Circulation</i> , 2004 , 110, 1920-5	16.3	139
837	Framingham Heart Study 100K project: genome-wide associations for cardiovascular disease outcomes. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S5	2	137

836	Age as a risk factor. <i>Medical Clinics of North America</i> , 2012 , 96, 87-91	6.9	135
835	Association of parental heart failure with risk of heart failure in offspring. <i>New England Journal of Medicine</i> , 2006 , 355, 138-47	57.2	139
834	Multiple biomarkers and the risk of incident hypertension. <i>Hypertension</i> , 2007 , 49, 432-8	8	137
833	Thyroid function and the risk of Alzheimer disease: the Framingham Study. <i>Archives of Internal Medicine</i> , 2008 , 168, 1514-20		134
832	Epidemiology of incident heart failure in a contemporary elderly cohort: the health, aging, and body composition study. <i>Archives of Internal Medicine</i> , 2009 , 169, 708-15		135
831	Increasing trends in incidence of overweight and obesity over 5 decades. <i>American Journal of Medicine</i> , 2007 , 120, 242-50	2.3	136
830	Longitudinal tracking of left ventricular mass over the adult life course: clinical correlates of short- and long-term change in the framingham offspring study. <i>Circulation</i> , 2009 , 119, 3085-92	16.3	141
829	Relative importance of borderline and elevated levels of coronary heart disease risk factors. <i>Annals of Internal Medicine</i> , 2005 , 142, 393-402	7.8	135
828	Association Between HIV Infection and the Risk of Heart Failure With Reduced Ejection Fraction and Preserved Ejection Fraction in the Antiretroviral Therapy Era: Results From the Veterans Aging Cohort Study. <i>JAMA Cardiology</i> , 2017 , 2, 536-546	15.8	139
827	Inflammatory biomarkers, cerebral microbleeds, and small vessel disease: Framingham Heart Study. <i>Neurology</i> , 2015 , 84, 825-32	5.7	132
826	Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. <i>American Journal of Human Genetics</i> , 2014 , 94, 349-60	10.5	133
825	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. <i>Nature Communications</i> , 2020 , 11, 163	16.9	135
824	Predicting Heart Failure With Preserved and Reduced Ejection Fraction: The International Collaboration on Heart Failure Subtypes. <i>Circulation: Heart Failure</i> , 2016 , 9,	7.2	133
823	Epidemiology and pathophysiology of mitral valve prolapse: new insights into disease progression, genetics, and molecular basis. <i>Circulation</i> , 2014 , 129, 2158-70	16.3	137
822	Long-term trends in myocardial infarction incidence and case fatality in the National Heart, Lung, and Blood Institute's Framingham Heart study. <i>Circulation</i> , 2009 , 119, 1203-10	16.3	131
821	Genome-wide association to body mass index and waist circumference: the Framingham Heart Study 100K project. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S18	2	128
820	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019 , 570, 71-76	47.5	129
819	Ideal cardiovascular health: associations with biomarkers and subclinical disease and impact on incidence of cardiovascular disease in the Framingham Offspring Study. <i>Circulation</i> , 2014 , 130, 1676-83	16.3	131

818	Sustained and shorter bouts of physical activity are related to cardiovascular health. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 109-15	0.6	123
817	Candidate gene association resource (CARE): design, methods, and proof of concept. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 267-75		125
816	Phenotypic Characterization of Genetically Lowered Human Lipoprotein(a) Levels. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2761-2772	4.6	131
815	Low serum magnesium and the development of atrial fibrillation in the community: the Framingham Heart Study. <i>Circulation</i> , 2013 , 127, 33-8	16.3	126
814	Distribution and clinical correlates of the interleukin receptor family member soluble ST2 in the Framingham Heart Study. <i>Clinical Chemistry</i> , 2012 , 58, 1673-81	5.3	122
813	Patterns of abdominal fat distribution: the Framingham Heart Study. <i>Diabetes Care</i> , 2009 , 32, 481-5	14.1	123
812	The Emerging Risk Factors Collaboration: analysis of individual data on lipid, inflammatory and other markers in over 1.1 million participants in 104 prospective studies of cardiovascular diseases. <i>European Journal of Epidemiology</i> , 2007 , 22, 839-69	11.8	126
811	Cross-sectional association of kidney function with valvular and annular calcification: the Framingham heart study. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 521-7	12.3	126
810	Heritability and a genome-wide linkage scan for arterial stiffness, wave reflection, and mean arterial pressure: the Framingham Heart Study. <i>Circulation</i> , 2005 , 112, 194-9	16.3	123
809	Relations of plasma total TIMP-1 levels to cardiovascular risk factors and echocardiographic measures: the Framingham heart study. <i>European Heart Journal</i> , 2004 , 25, 1509-16	9	120
808	The Association of Obesity and Cardiometabolic Traits With Incident HFpEF and HFrEF. <i>JACC: Heart Failure</i> , 2018 , 6, 701-709	7.6	124
807	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020 , 586, 763-768	47.5	129
806	Relations of inflammatory biomarkers and common genetic variants with arterial stiffness and wave reflection. <i>Hypertension</i> , 2008 , 51, 1651-7	8	119
805	Aortic root remodeling over the adult life course: longitudinal data from the Framingham Heart Study. <i>Circulation</i> , 2010 , 122, 884-90	16.3	120
804	Loci influencing blood pressure identified using a cardiovascular gene-centric array. <i>Human Molecular Genetics</i> , 2013 , 22, 1663-78	5.5	119
803	Cardiac function and obesity. <i>British Heart Journal</i> , 2003 , 89, 1127-9		111
802	Triglycerides as vascular risk factors: new epidemiologic insights. <i>Current Opinion in Cardiology</i> , 2009 , 24, 345-50	2	114
801	Relations of serum aldosterone to cardiac structure: gender-related differences in the Framingham Heart Study. <i>Hypertension</i> , 2004 , 43, 957-62	8	115

800	Relations of exercise blood pressure response to cardiovascular risk factors and vascular function in the Framingham Heart Study. <i>Circulation</i> , 2012 , 125, 2836-43	16.3	112
799	Association of Cardiovascular Biomarkers With Incident Heart Failure With Preserved and Reduced Ejection Fraction. <i>JAMA Cardiology</i> , 2018 , 3, 215-224	15.8	118
798	Metabolomic Profiles of Body Mass Index in the Framingham Heart Study Reveal Distinct Cardiometabolic Phenotypes. <i>PLoS ONE</i> , 2016 , 11, e0148361	3.6	112
797	B-type natriuretic peptide and C-reactive protein in the prediction of atrial fibrillation risk: the CHARGE-AF Consortium of community-based cohort studies. <i>Europace</i> , 2014 , 16, 1426-33	3.8	116
796	Cardiac natriuretic peptides, obesity, and insulin resistance: evidence from two community-based studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 3242-9	5.4	117
795	A genome-wide association meta-analysis of circulating sex hormone-binding globulin reveals multiple Loci implicated in sex steroid hormone regulation. <i>PLoS Genetics</i> , 2012 , 8, e1002805	5.7	112
794	Aptamer-Based Proteomic Profiling Reveals Novel Candidate Biomarkers and Pathways in Cardiovascular Disease. <i>Circulation</i> , 2016 , 134, 270-85	16.3	115
793	Age-Specific Trends in Incidence, Mortality, and Comorbidities of Heart Failure in Denmark, 1995 to 2012. <i>Circulation</i> , 2017 , 135, 1214-1223	16.3	120
792	Arterial stiffness in mild-to-moderate CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 2044-53	12.3	110
791	Insulin-like growth factor-1 and risk of Alzheimer dementia and brain atrophy. <i>Neurology</i> , 2014 , 82, 1613-9	5.7	110
790	Biomarkers of the osteoprotegerin pathway: clinical correlates, subclinical disease, incident cardiovascular disease, and mortality. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 1849-54	9.1	111
789	Echocardiographic evaluation of patients with acute rheumatic fever and rheumatic carditis. <i>Circulation</i> , 1996 , 94, 73-82	16.3	109
788	Diastolic heart failure--no time to relax. <i>New England Journal of Medicine</i> , 2001 , 344, 56-9	57.2	113
787	Relation of multiple inflammatory biomarkers to incident atrial fibrillation. <i>American Journal of Cardiology</i> , 2009 , 104, 92-6	2.9	111
786	Antecedent blood pressure and risk of cardiovascular disease: the Framingham Heart Study. <i>Circulation</i> , 2002 , 105, 48-53	16.3	110
785	Estimated risks for developing obesity in the Framingham Heart Study. <i>Annals of Internal Medicine</i> , 2005 , 143, 473-80	7.8	109
784	Risk factor profile for chronic non-communicable diseases: results of a community-based study in Kerala, India. <i>Indian Journal of Medical Research</i> , 2010 , 131, 53-63	2.7	107
783	Clinical correlates and heritability of erythrocyte eicosapentaenoic and docosahexaenoic acid content in the Framingham Heart Study. <i>Atherosclerosis</i> , 2012 , 225, 425-31	1.4	106

782	Relation of platelet and leukocyte inflammatory transcripts to body mass index in the Framingham heart study. <i>Circulation</i> , 2010 , 122, 119-29	16.3	107
781	Usefulness of the triglyceride-high-density lipoprotein versus the cholesterol-high-density lipoprotein ratio for predicting insulin resistance and cardiometabolic risk (from the Framingham Offspring Cohort). <i>American Journal of Cardiology</i> , 2008 , 101, 497-501	2.9	105
780	Single-gene mutations and increased left ventricular wall thickness in the community: the Framingham Heart Study. <i>Circulation</i> , 2006 , 113, 2697-705	16.3	107
779	Validation of an atrial fibrillation risk algorithm in whites and African Americans. <i>Archives of Internal Medicine</i> , 2010 , 170, 1909-17		105
778	Long-term outcomes of secondary atrial fibrillation in the community: the Framingham Heart Study. <i>Circulation</i> , 2015 , 131, 1648-55	16.3	105
777	Serum brain-derived neurotrophic factor and vascular endothelial growth factor levels are associated with risk of stroke and vascular brain injury: Framingham Study. <i>Stroke</i> , 2013 , 44, 2768-75	6.5	101
776	Metabolite profiles during oral glucose challenge. <i>Diabetes</i> , 2013 , 62, 2689-98	0.7	103
775	Free testosterone levels are associated with mobility limitation and physical performance in community-dwelling men: the Framingham Offspring Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 2790-9	5.4	105
774	Association of circulating cholesteryl ester transfer protein activity with incidence of cardiovascular disease in the community. <i>Circulation</i> , 2009 , 120, 2414-20	16.3	106
773	Cardiovascular risk factors predictive for survival and morbidity-free survival in the oldest-old Framingham Heart Study participants. <i>Journal of the American Geriatrics Society</i> , 2005 , 53, 1944-50	5.4	102
772	Temporal Trends in the Incidence of and Mortality Associated With Heart Failure With Preserved and Reduced Ejection Fraction. <i>JACC: Heart Failure</i> , 2018 , 6, 678-685	7.6	104
771	Asymmetric dimethylarginine as a mediator of vascular dysfunction and a marker of cardiovascular disease and mortality: an intriguing interaction with diabetes mellitus. <i>Diabetes and Vascular Disease Research</i> , 2010 , 7, 105-18	3.2	100
770	Association of multiple inflammatory markers with carotid intimal medial thickness and stenosis (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2007 , 99, 1598-602	2.9	100
769	The natural history of left ventricular geometry in the community: clinical correlates and prognostic significance of change in LV geometric pattern. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 870-8	8.1	100
768	Association of leukocyte telomere length with circulating biomarkers of the renin-angiotensin-aldosterone system: the Framingham Heart Study. <i>Circulation</i> , 2008 , 117, 1138-44	16.3	98
767	Inflammation, kidney function and albuminuria in the Framingham Offspring cohort. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 920-6	4.1	97
766	Influence of sex and hormone status on circulating natriuretic peptides. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 618-26	4.6	100
765	Elevated galectin-3 precedes the development of CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 1470-7	12.3	102

764	Association of metabolic dysregulation with volumetric brain magnetic resonance imaging and cognitive markers of subclinical brain aging in middle-aged adults: the Framingham Offspring Study. <i>Diabetes Care</i> , 2011 , 34, 1766-70	14.1	97
763	Association of Aortic Stiffness With Cognition and Brain Aging in Young and Middle-Aged Adults: The Framingham Third Generation Cohort Study. <i>Hypertension</i> , 2016 , 67, 513-9	8	97
762	Mendelian randomization studies do not support a causal role for reduced circulating adiponectin levels in insulin resistance and type 2 diabetes. <i>Diabetes</i> , 2013 , 62, 3589-98	0.7	95
761	Duffy antigen receptor for chemokines (Darc) polymorphism regulates circulating concentrations of monocyte chemoattractant protein-1 and other inflammatory mediators. <i>Blood</i> , 2010 , 115, 5289-99	2.1	96
760	Multimarker approach for the prediction of heart failure incidence in the community. <i>Circulation</i> , 2010 , 122, 1700-6	16.3	99
759	Genome-wide association with select biomarker traits in the Framingham Heart Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S11	2	94
758	Depressive symptoms, coronary heart disease, and overall mortality in the Framingham Heart Study. <i>Psychosomatic Medicine</i> , 2005 , 67, 697-702	3.6	91
757	Prevalence and prognostic impact of subclinical cardiovascular disease in individuals with the metabolic syndrome and diabetes. <i>Diabetes</i> , 2007 , 56, 1718-26	0.7	92
756	Cross-classification of microalbuminuria and reduced glomerular filtration rate: associations between cardiovascular disease risk factors and clinical outcomes. <i>Archives of Internal Medicine</i> , 2007 , 167, 1386-92		93
755	Genome scan of systemic biomarkers of vascular inflammation in the Framingham Heart Study: evidence for susceptibility loci on 1q. <i>Atherosclerosis</i> , 2005 , 182, 307-14	1.4	91
754	A systematic assessment of causes of death after heart failure onset in the community: impact of age at death, time period, and left ventricular systolic dysfunction. <i>Circulation: Heart Failure</i> , 2011 , 4, 36-43	7.2	96
753	Multimarker approach to evaluate correlates of vascular stiffness: the Framingham Heart Study. <i>Circulation</i> , 2009 , 119, 37-43	16.3	93
752	Discriminating clinical features of heart failure with preserved vs. reduced ejection fraction in the community. <i>European Heart Journal</i> , 2012 , 33, 1734-41	9	95
751	Association of branched-chain amino acids and other circulating metabolites with risk of incident dementia and Alzheimer's disease: A prospective study in eight cohorts. <i>Alzheimeris and Dementia</i> , 2018 , 14, 723-733	1.2	88
750	Epidemiology of Left Ventricular Systolic Dysfunction and Heart Failure in the Framingham Study: An Echocardiographic Study Over 3 Decades. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1-11	8.1	96
749	Deep-coverage whole genome sequences and blood lipids among 16,324 individuals. <i>Nature Communications</i> , 2018 , 9, 3391	16.9	89
748	Burden of rare sarcomere gene variants in the Framingham and Jackson Heart Study cohorts. <i>American Journal of Human Genetics</i> , 2012 , 91, 513-9	10.5	94
747	Dietary factors and incident atrial fibrillation: the Framingham Heart Study. <i>American Journal of Clinical Nutrition</i> , 2011 , 93, 261-6	6.6	91

746	Age- and sex-based reference limits and clinical correlates of myocardial strain and synchrony: the Framingham Heart Study. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 692-9	3.7	90
745	Blood pressure tracking over the adult life course: patterns and correlates in the Framingham heart study. <i>Hypertension</i> , 2012 , 60, 1393-9	8	90
744	Circulating retinol-binding protein 4, cardiovascular risk factors and prevalent cardiovascular disease in elderly. <i>Atherosclerosis</i> , 2009 , 206, 239-44	1.4	88
743	Associations of Blood Pressure and Cholesterol Levels During Young Adulthood With Later Cardiovascular Events. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 330-341	4.6	92
742	Cross-sectional relations of multiple biomarkers from distinct biological pathways to brachial artery endothelial function. <i>Circulation</i> , 2006 , 113, 938-45	16.3	86
741	Blood pressure from mid- to late life and risk of incident dementia. <i>Neurology</i> , 2017 , 89, 2447-2454	5.7	86
740	Sex hormone-binding globulin, but not testosterone, is associated prospectively and independently with incident metabolic syndrome in men: the framingham heart study. <i>Diabetes Care</i> , 2011 , 34, 2464-70	14.1	85
739	Induced Pluripotent Stem Cell Differentiation Enables Functional Validation of GWAS Variants in Metabolic Disease. <i>Cell Stem Cell</i> , 2017 , 20, 547-557.e7	17.2	85
738	Common genetic variation at the IL1RL1 locus regulates IL-33/ST2 signaling. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4208-18	15.3	86
737	Plasma homocysteine, hypertension incidence, and blood pressure tracking: the Framingham Heart Study. <i>Hypertension</i> , 2003 , 42, 1100-5	8	84
736	Relations of lipid concentrations to heart failure incidence: the Framingham Heart Study. <i>Circulation</i> , 2009 , 120, 2345-51	16.3	87
735	Association of Smoking Cessation With Subsequent Risk of Cardiovascular Disease. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 642-650	26.8	83
734	Reproducibility of speckle-tracking-based strain measures of left ventricular function in a community-based study. <i>Journal of the American Society of Echocardiography</i> , 2013 , 26, 1258-1266.e2	5.7	84
733	Galectin 3 and incident atrial fibrillation in the community. <i>American Heart Journal</i> , 2014 , 167, 729-34.e1	4.7	84
732	Multiple marker approach to risk stratification in patients with stable coronary artery disease. <i>European Heart Journal</i> , 2010 , 31, 3024-31	9	84
731	Cross-sectional relations of electrocardiographic QRS duration to left ventricular dimensions: the Framingham Heart Study. <i>Journal of the American College of Cardiology</i> , 2005 , 45, 685-9	4.6	80
730	Risk factors for heart failure. <i>Medical Clinics of North America</i> , 2004 , 88, 1145-72	6.9	83
729	Electrocardiographic QRS duration and the risk of congestive heart failure: the Framingham Heart Study. <i>Hypertension</i> , 2006 , 47, 861-7	8	83

728	Impact of obesity on the risk of heart failure and survival after the onset of heart failure. <i>Medical Clinics of North America</i> , 2004 , 88, 1273-94	6.9	81
727	Echocardiographic reference values for aortic root size: the Framingham Heart Study. <i>Journal of the American Society of Echocardiography</i> , 1995 , 8, 793-800	5.7	82
726	Distinct metabolomic signatures are associated with longevity in humans. <i>Nature Communications</i> , 2015 , 6, 6791	16.9	80
725	Gene-age interactions in blood pressure regulation: a large-scale investigation with the CHARGE, Global BPgen, and ICBP Consortia. <i>American Journal of Human Genetics</i> , 2014 , 95, 24-38	10.5	79
724	Clinical and genetic correlates of growth differentiation factor 15 in the community. <i>Clinical Chemistry</i> , 2012 , 58, 1582-91	5.3	79
723	A multi-marker approach to predict incident CKD and microalbuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2010 , 21, 2143-9	12.3	78
722	Heritability and genetic linkage of plasma natriuretic peptide levels. <i>Circulation</i> , 2003 , 108, 13-6	16.3	81
721	Clinical correlates and prognostic significance of exercise-induced ventricular premature beats in the community: the Framingham Heart Study. <i>Circulation</i> , 2004 , 109, 2417-22	16.3	79
720	Corrigendum to: 'Vascular endothelial growth factor, its soluble receptor, and hepatocyte growth factor: clinical and genetic correlates and association with vascular function'. <i>European Heart Journal</i> , 2010 , 31, 2557-2557	9	78
719	Antecedent blood pressure, body mass index, and the risk of incident heart failure in later life. <i>Hypertension</i> , 2007 , 50, 869-76	8	80
718	Genome-wide association of echocardiographic dimensions, brachial artery endothelial function and treadmill exercise responses in the Framingham Heart Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S2	2	78
717	Ceramide Remodeling and Risk of Cardiovascular Events and Mortality. <i>Journal of the American Heart Association</i> , 2018 , 7,	5.7	77
716	Short-Term Exposure to Air Pollution and Biomarkers of Oxidative Stress: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016 , 5,	5.7	77
715	Biomarkers of extracellular matrix metabolism (MMP-9 and TIMP-1) and risk of stroke, myocardial infarction, and cause-specific mortality: cohort study. <i>PLoS ONE</i> , 2011 , 6, e16185	3.6	76
714	Association of lifestyle factors with abdominal subcutaneous and visceral adiposity: the Framingham Heart Study. <i>Diabetes Care</i> , 2009 , 32, 505-10	14.1	78
713	Is the relation of systolic blood pressure to risk of cardiovascular disease continuous and graded, or are there critical values?. <i>Hypertension</i> , 2003 , 42, 453-6	8	79
712	Hand osteoarthritis in relation to mortality and incidence of cardiovascular disease: data from the Framingham heart study. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 74-81	2.3	78
711	Association of arterial stiffness with progression of subclinical brain and cognitive disease. <i>Neurology</i> , 2016 , 86, 619-26	5.7	75

710	Apolipoprotein B improves risk assessment of future coronary heart disease in the Framingham Heart Study beyond LDL-C and non-HDL-C. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 1321-7	3.8	79
709	Eight genetic loci associated with variation in lipoprotein-associated phospholipase A2 mass and activity and coronary heart disease: meta-analysis of genome-wide association studies from five community-based studies. <i>European Heart Journal</i> , 2012 , 33, 238-51	9	74
708	Separating the mechanism-based and off-target actions of cholesteryl ester transfer protein inhibitors with CETP gene polymorphisms. <i>Circulation</i> , 2010 , 121, 52-62	16.3	83
707	Exercise blood pressure and the risk of incident cardiovascular disease (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2008 , 101, 1614-20	2.9	76
706	Revised Framingham Stroke Risk Profile to Reflect Temporal Trends. <i>Circulation</i> , 2017 , 135, 1145-1159	16.3	77
705	Circulating biomarkers of extracellular matrix remodeling and risk of atherosclerotic events. <i>Current Opinion in Lipidology</i> , 2006 , 17, 45-53	4.3	74
704	Aortic Stiffness and the Risk of Incident Mild Cognitive Impairment and Dementia. <i>Stroke</i> , 2016 , 47, 2256-61	6.1	79
703	Genetics and genomics for the prevention and treatment of cardiovascular disease: update: a scientific statement from the American Heart Association. <i>Circulation</i> , 2013 , 128, 2813-51	16.3	75
702	Left ventricular hypertrophy patterns and incidence of heart failure with preserved versus reduced ejection fraction. <i>American Journal of Cardiology</i> , 2014 , 113, 117-22	2.9	77
701	Common genetic variation in the 3'-BCL11B gene desert is associated with carotid-femoral pulse wave velocity and excess cardiovascular disease risk: the AortaGen Consortium. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 81-90		77
700	Sugar- and Artificially Sweetened Beverages and the Risks of Incident Stroke and Dementia: A Prospective Cohort Study. <i>Stroke</i> , 2017 , 48, 1139-1146	6.5	77
699	Thyroid function and Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2009 , 16, 503-7	4.2	75
698	Variation in estrogen-related genes and cross-sectional and longitudinal blood pressure in the Framingham Heart Study. <i>Journal of Hypertension</i> , 2005 , 23, 2193-200	1.5	74
697	Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2354-2364	26.8	81
696	Reference limits for N-terminal-pro-B-type natriuretic peptide in healthy individuals (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2011 , 108, 1341-5	2.9	73
695	Association of educational level with inflammatory markers in the Framingham Offspring Study. <i>American Journal of Epidemiology</i> , 2006 , 163, 622-8	3.7	74
694	Relations of plasma homocysteine to left ventricular structure and function: the Framingham Heart Study. <i>European Heart Journal</i> , 2004 , 25, 523-30	9	72
693	Doppler transmitral flow indexes and risk of atrial fibrillation (the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2003 , 91, 1079-83	2.9	73

692	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimeris and Dementia</i> , 2018 , 14, 707-722	1.2	73
691	Association of Serum Vitamin D with the Risk of Incident Dementia and Subclinical Indices of Brain Aging: The Framingham Heart Study. <i>Journal of Alzheimeris Disease</i> , 2016 , 51, 451-61	4.2	72
690	Biomarkers in cardiovascular disease: Statistical assessment and section on key novel heart failure biomarkers. <i>Trends in Cardiovascular Medicine</i> , 2017 , 27, 123-133	6.6	70
689	Long-term cardiovascular risks associated with an elevated heart rate: the Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2014 , 3, e000668	5.7	71
688	Plasma leptin levels and incidence of heart failure, cardiovascular disease, and total mortality in elderly individuals. <i>Diabetes Care</i> , 2009 , 32, 612-6	14.1	75
687	Mitral annular calcification is a predictor for incident atrial fibrillation. <i>Atherosclerosis</i> , 2004 , 173, 291-4	1.4	74
686	Changes in erythrocyte membrane trans and marine fatty acids between 1999 and 2006 in older Americans. <i>Journal of Nutrition</i> , 2012 , 142, 1297-303	3.9	72
685	Circulating insulin-like growth factor-1 and its binding protein-3: metabolic and genetic correlates in the community. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 1479-84	9.1	71
684	Relations of serum phosphorus levels to echocardiographic left ventricular mass and incidence of heart failure in the community. <i>European Journal of Heart Failure</i> , 2010 , 12, 812-8	12	72
683	How to diagnose heart failure with preserved ejection fraction: the HFA-PEFF diagnostic algorithm: a consensus recommendation from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Journal of Heart Failure</i> , 2020 , 22, 391-412	12	74
682	Circulating brain-derived neurotrophic factor concentrations and the risk of cardiovascular disease in the community. <i>Journal of the American Heart Association</i> , 2015 , 4, e001544	5.7	70
681	Integrative network analysis reveals molecular mechanisms of blood pressure regulation. <i>Molecular Systems Biology</i> , 2015 , 11, 799	11.8	70
680	Genetic association analyses highlight biological pathways underlying mitral valve prolapse. <i>Nature Genetics</i> , 2015 , 47, 1206-11	35.2	74
679	Recent Update to the US Cholesterol Treatment Guidelines: A Comparison With International Guidelines. <i>Circulation</i> , 2016 , 133, 1795-806	16.3	74
678	Combined admixture mapping and association analysis identifies a novel blood pressure genetic locus on 5p13: contributions from the CARE consortium. <i>Human Molecular Genetics</i> , 2011 , 20, 2285-95	5.5	69
677	Longitudinal tracking of left atrial diameter over the adult life course: Clinical correlates in the community. <i>Circulation</i> , 2010 , 121, 667-74	16.3	76
676	Effects of Arterial Stiffness on Brain Integrity in Young Adults From the Framingham Heart Study. <i>Stroke</i> , 2016 , 47, 1030-6	6.5	70
675	Genomewide meta-analysis identifies loci associated with IGF-I and IGFBP-3 levels with impact on age-related traits. <i>Aging Cell</i> , 2016 , 15, 811-24	9.5	69

674	Biomarkers of cardiovascular stress and incident chronic kidney disease. <i>Clinical Chemistry</i> , 2013 , 59, 1613-20	5.3	70
673	Insulin resistance and the relationship of a dyslipidemia to coronary heart disease: the Framingham Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1208-14	9.1	70
672	Analysis commons, a team approach to discovery in a big-data environment for genetic epidemiology. <i>Nature Genetics</i> , 2017 , 49, 1560-1563	35.2	67
671	Large-scale genome-wide analysis identifies genetic variants associated with cardiac structure and function. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1798-1812	15.3	70
670	Components of hemodynamic load and cardiovascular events: the Framingham Heart Study. <i>Circulation</i> , 2015 , 131, 354-61; discussion 361	16.3	70
669	Association of urinary KIM-1, L-FABP, NAG and NGAL with incident end-stage renal disease and mortality in American Indians with type 2 diabetes mellitus. <i>Diabetologia</i> , 2015 , 58, 188-98	10	68
668	Relation of Central Arterial Stiffness to Incident Heart Failure in the Community. <i>Journal of the American Heart Association</i> , 2015 , 4,	5.7	71
667	Eight common genetic variants associated with serum DHEAS levels suggest a key role in ageing mechanisms. <i>PLoS Genetics</i> , 2011 , 7, e1002025	5.7	67
666	Genetic cardiovascular risk prediction: will we get there?. <i>Circulation</i> , 2010 , 122, 2323-34	16.3	71
665	The impact of assay quality and reference ranges on clinical decision making in the diagnosis of androgen disorders. <i>Steroids</i> , 2008 , 73, 1311-7	2.7	67
664	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program		65
663	Prevalence, Correlates, and Prognosis of Healthy Vascular Aging in a Western Community-Dwelling Cohort: The Framingham Heart Study. <i>Hypertension</i> , 2017 , 70, 267-274	8	69
662	Genetics of the Framingham Heart Study population. <i>Advances in Genetics</i> , 2008 , 62, 33-65	3.2	66
661	Association of plasma ADMA levels with MRI markers of vascular brain injury: Framingham offspring study. <i>Stroke</i> , 2009 , 40, 2959-64	6.5	66
660	Erythrocyte long-chain omega-3 fatty acid levels are inversely associated with mortality and with incident cardiovascular disease: The Framingham Heart Study. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 718-727.e6	2.8	65
659	Application of non-HDL cholesterol for population-based cardiovascular risk stratification: results from the Multinational Cardiovascular Risk Consortium. <i>Lancet, The</i> , 2019 , 394, 2173-2183	36.2	72
658	Short-Term Exposure to Ambient Air Pollution and Biomarkers of Systemic Inflammation: The Framingham Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1793-1800	9.1	64
657	Epidemiology of heart failure with preserved ejection fraction. <i>Heart Failure Clinics</i> , 2014 , 10, 377-88	3.2	63

656	Relationship of lycopene intake and consumption of tomato products to incident CVD. <i>British Journal of Nutrition</i> , 2013 , 110, 545-51	3.4	65
655	Serum gamma-glutamyl transferase and risk of heart failure in the community. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 1855-60	9.1	65
654	Genomic variation associated with mortality among adults of European and African ancestry with heart failure: the cohorts for heart and aging research in genomic epidemiology consortium. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 248-55		65
653	Dimethylguanidino valeric acid is a marker of liver fat and predicts diabetes. <i>Journal of Clinical Investigation</i> , 2017 , 127, 4394-4402	15.3	66
652	LXR/RXR signaling and neutrophil phenotype following myocardial infarction classify sex differences in remodeling. <i>Basic Research in Cardiology</i> , 2018 , 113, 40	11.7	65
651	Relations of Central Hemodynamics and Aortic Stiffness with Left Ventricular Structure and Function: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016 , 5, e002693	5.7	62
650	Relation of circulating liver transaminase concentrations to risk of new-onset atrial fibrillation. <i>American Journal of Cardiology</i> , 2013 , 111, 219-24	2.9	65
649	Multiple inflammatory biomarkers in relation to cardiovascular events and mortality in the community. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1728-33	9.1	65
648	Prevalence, distribution, and risk factor correlates of high pericardial and intrathoracic fat depots in the Framingham heart study. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 559-66	3.7	62
647	Association of Ideal Cardiovascular Health With Vascular Brain Injury and Incident Dementia. <i>Stroke</i> , 2016 , 47, 1201-6	6.5	64
646	Cross-sectional relations of arterial stiffness, pressure pulsatility, wave reflection, and arterial calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2495-500	9.1	62
645	Associations of long-term and early adult atherosclerosis risk factors with aortic and mitral valve calcium. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 2491-8	4.6	66
644	Serum resistin concentrations and risk of new onset heart failure in older persons: the health, aging, and body composition (Health ABC) study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1144-9	9.1	62
643	Elevated midlife blood pressure increases stroke risk in elderly persons: the Framingham Study. <i>Archives of Internal Medicine</i> , 2001 , 161, 2343-50		61
642	Does endomyocardial biopsy aid in the diagnosis of active rheumatic carditis?. <i>Circulation</i> , 1993 , 88, 2198-2005	8.05	64
641	Relation between soluble ST2, growth differentiation factor-15, and high-sensitivity troponin I and incident atrial fibrillation. <i>American Heart Journal</i> , 2014 , 167, 109-115.e2	4.7	61
640	A genome-wide association study identifies novel loci associated with circulating IGF-I and IGFBP-3. <i>Human Molecular Genetics</i> , 2011 , 20, 1241-51	5.5	60
639	Thyroid function and left ventricular structure and function in the Framingham Heart Study. <i>Thyroid</i> , 2010 , 20, 369-73	6	58

638	Risk assessment for incident heart failure in individuals with atrial fibrillation. <i>European Journal of Heart Failure</i> , 2013 , 15, 843-9	12	64
637	Association of sex hormones, aging, and atrial fibrillation in men: the Framingham Heart Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014 , 7, 307-12	6	59
636	Association of subcutaneous and visceral adiposity with albuminuria: the Framingham Heart Study. <i>Obesity</i> , 2011 , 19, 1284-9	7.7	72
635	Pericardial fat volume correlates with inflammatory markers: the Framingham Heart Study. <i>Obesity</i> , 2010 , 18, 1039-45	7.7	60
634	Relationships of BMI to cardiovascular risk factors differ by ethnicity. <i>Obesity</i> , 2010 , 18, 1638-45	7.7	59
633	Aortic Stiffness, Increased White Matter Free Water, and Altered Microstructural Integrity: A Continuum of Injury. <i>Stroke</i> , 2017 , 48, 1567-1573	6.5	59
632	Relation of season and temperature to endothelium-dependent flow-mediated vasodilation in subjects without clinical evidence of cardiovascular disease (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2007 , 100, 518-23	2.9	59
631	Plasminogen activator inhibitor and the risk of cardiovascular disease: The Framingham Heart Study. <i>Thrombosis Research</i> , 2016 , 140, 30-35	7.3	59
630	Does low diastolic blood pressure contribute to the risk of recurrent hypertensive cardiovascular disease events? The Framingham Heart Study. <i>Hypertension</i> , 2015 , 65, 299-305	8	63
629	Association of sex steroids, gonadotrophins, and their trajectories with clinical cardiovascular disease and all-cause mortality in elderly men from the Framingham Heart Study. <i>Clinical Endocrinology</i> , 2013 , 78, 629-34	3.3	58
628	Breastfeeding in infancy and adult cardiovascular disease risk factors. <i>American Journal of Medicine</i> , 2009 , 122, 656-63.e1	2.3	58
627	Novel markers for heart failure diagnosis and prognosis. <i>Current Opinion in Cardiology</i> , 2005 , 20, 201-10	2	58
626	70-year legacy of the Framingham Heart Study. <i>Nature Reviews Cardiology</i> , 2019 , 16, 687-698	14.3	61
625	Forward and backward wave morphology and central pressure augmentation in men and women in the Framingham Heart Study. <i>Hypertension</i> , 2014 , 64, 259-65	8	60
624	Association of novel biomarkers of cardiovascular stress with left ventricular hypertrophy and dysfunction: implications for screening. <i>Journal of the American Heart Association</i> , 2013 , 2, e000399	5.7	55
623	Physical Activity, Brain Volume, and Dementia Risk: The Framingham Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 789-795	6.2	57
622	Positive association of serum prolactin concentrations with all-cause and cardiovascular mortality. <i>European Heart Journal</i> , 2014 , 35, 1215-21	9	58
621	Blood pressure and the risk of developing diabetes in african americans and whites: ARIC, CARDIA, and the framingham heart study. <i>Diabetes Care</i> , 2011 , 34, 873-9	14.1	57

620	Identification of cis- and trans-acting genetic variants explaining up to half the variation in circulating vascular endothelial growth factor levels. <i>Circulation Research</i> , 2011 , 109, 554-63	15.3	57
619	Relations of biomarkers representing distinct biological pathways to left ventricular geometry. <i>Circulation</i> , 2008 , 118, 2252-8, 5p following 2258	16.3	58
618	Plasma brain natriuretic peptide levels and blood pressure tracking in the Framingham Heart Study. <i>Hypertension</i> , 2003 , 41, 978-83	8	56
617	A multi-step, dynamic allosteric model of testosterone's binding to sex hormone binding globulin. <i>Molecular and Cellular Endocrinology</i> , 2015 , 399, 190-200	4.3	58
616	Fat quality and incident cardiovascular disease, all-cause mortality, and cancer mortality. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 227-34	5.4	56
615	Genetic predisposition to higher blood pressure increases coronary artery disease risk. <i>Hypertension</i> , 2013 , 61, 995-1001	8	56
614	Age trends in estradiol and estrone levels measured using liquid chromatography tandem mass spectrometry in community-dwelling men of the Framingham Heart Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 733-40	6.2	55
613	Circulating CD34(+) progenitor cell frequency is associated with clinical and genetic factors. <i>Blood</i> , 2013 , 121, e50-6	2.1	54
612	Plasma lipid transfer proteins and cardiovascular disease. The Framingham Heart Study. <i>Atherosclerosis</i> , 2013 , 228, 230-6	1.4	52
611	Reference intervals for plasma L-arginine and the L-arginine:asymmetric dimethylarginine ratio in the Framingham Offspring Cohort. <i>Journal of Nutrition</i> , 2011 , 141, 2186-90	3.9	53
610	Analysis of a urinary biomarker panel for incident kidney disease and clinical outcomes. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 1880-8	12.3	54
609	Association of physical activity and heart failure with preserved vs. reduced ejection fraction in the elderly: the Framingham Heart Study. <i>European Journal of Heart Failure</i> , 2013 , 15, 742-6	12	55
608	BMI vs. waist circumference for identifying vascular risk. <i>Obesity</i> , 2008 , 16, 463-9	7.7	54
607	Circulating ghrelin, leptin, and soluble leptin receptor concentrations and cardiometabolic risk factors in a community-based sample. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 3149-57	4	54
606	Thyroid function and lipid subparticle sizes in patients with short-term hypothyroidism and a population-based cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 888-94	5.4	54
605	Left ventricular mass, blood pressure, and lowered cognitive performance in the Framingham offspring. <i>Hypertension</i> , 2007 , 49, 439-45	8	53
604	Nonalcoholic fatty liver disease and vascular function: cross-sectional analysis in the Framingham heart study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1284-91	9.1	55
603	Genome-Wide Association Study for Incident Myocardial Infarction and Coronary Heart Disease in Prospective Cohort Studies: The CHARGE Consortium. <i>PLoS ONE</i> , 2016 , 11, e0144997	3.6	54

602	Advances in the epidemiology of heart failure and left ventricular remodeling. <i>Circulation</i> , 2011 , 124, e516-9	16.3	51
601	Cross-sectional associations between abdominal and thoracic adipose tissue compartments and adiponectin and resistin in the Framingham Heart Study. <i>Diabetes Care</i> , 2009 , 32, 903-8	14.1	52
600	Risk factors for acute ischaemic stroke in young adults in South India. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007 , 78, 959-63	5.3	53
599	Clinical and genetic correlates of serum aldosterone in the community: the Framingham Heart Study. <i>American Journal of Hypertension</i> , 2005 , 18, 657-65	2.1	53
598	Atrial fibrillation is associated with lower cognitive performance in the Framingham offspring men. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2006 , 15, 214-22	2.7	53
597	Urine biomarkers of tubular injury do not improve on the clinical model predicting chronic kidney disease progression. <i>Kidney International</i> , 2017 , 91, 196-203	9.6	57
596	Lack of association between serum magnesium and the risks of hypertension and cardiovascular disease. <i>American Heart Journal</i> , 2010 , 160, 715-20	4.7	54
595	Cholesterol Metabolism by Uncultured Human Gut Bacteria Influences Host Cholesterol Level. <i>Cell Host and Microbe</i> , 2020 , 28, 245-257.e6	22.8	53
594	Vascular endothelial growth factor, its soluble receptor, and hepatocyte growth factor: clinical and genetic correlates and association with vascular function. <i>European Heart Journal</i> , 2009 , 30, 1121-7	9	51
593	Cross-sectional relations of multiple inflammatory biomarkers to peripheral arterial disease: The Framingham Offspring Study. <i>Atherosclerosis</i> , 2009 , 203, 509-14	1.4	50
592	Association of estrogen receptor beta gene polymorphisms with left ventricular mass and wall thickness in women. <i>American Journal of Hypertension</i> , 2005 , 18, 1388-95	2.1	53
591	Relations of Arterial Stiffness and Brachial Flow-Mediated Dilation With New-Onset Atrial Fibrillation: The Framingham Heart Study. <i>Hypertension</i> , 2016 , 68, 590-6	8	52
590	Association of Accelerometer-Measured Light-Intensity Physical Activity With Brain Volume: The Framingham Heart Study. <i>JAMA Network Open</i> , 2019 , 2, e192745	10.1	53
589	Deep coverage whole genome sequences and plasma lipoprotein(a) in individuals of European and African ancestries. <i>Nature Communications</i> , 2018 , 9, 2606	16.9	54
588	Association of Nonalcoholic Fatty Liver Disease With Lower Brain Volume in Healthy Middle-aged Adults in the Framingham Study. <i>JAMA Neurology</i> , 2018 , 75, 97-104	16.8	53
587	Effects of long-term averaging of quantitative blood pressure traits on the detection of genetic associations. <i>American Journal of Human Genetics</i> , 2014 , 95, 49-65	10.5	51
586	Relations of circulating resistin and adiponectin and cardiac structure and function: the Framingham Offspring Study. <i>Obesity</i> , 2012 , 20, 1882-6	7.7	51
585	Relations of matrix remodeling biomarkers to blood pressure progression and incidence of hypertension in the community. <i>Circulation</i> , 2009 , 119, 1101-7	16.3	50

584	Interpretation of echocardiographic measurements: a call for standardization. <i>American Heart Journal</i> , 2000 , 139, 412-22	4.7	52
583	Evolution of Mitral Valve Prolapse: Insights From the Framingham Heart Study. <i>Circulation</i> , 2016 , 133, 1688-95	16.3	52
582	Microvascular Function Contributes to the Relation Between Aortic Stiffness and Cardiovascular Events: The Framingham Heart Study. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.7	53
581	Serum ß-Trape Protein and ß-Microglobulin as Predictors of ESRD, Mortality, and Cardiovascular Disease in Adults With CKD in the Chronic Renal Insufficiency Cohort (CRIC) Study. <i>American Journal of Kidney Diseases</i> , 2016 , 68, 68-76	7.2	50
580	Interpreting metabolomic profiles using unbiased pathway models. <i>PLoS Computational Biology</i> , 2010 , 6, e1000692	4.8	50
579	Association of amine biomarkers with incident dementia and Alzheimer's disease in the Framingham Study. <i>Alzheimeris and Dementia</i> , 2017 , 13, 1327-1336	1.2	50
578	Association of leukocyte telomere length with echocardiographic left ventricular mass: the Framingham heart study. <i>Circulation</i> , 2009 , 120, 1195-202	16.3	51
577	Burden and prognostic importance of subclinical cardiovascular disease in overweight and obese individuals. <i>Circulation</i> , 2007 , 116, 375-84	16.3	50
576	Alcohol Consumption, Left Atrial Diameter, and Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2016 , 5,	5.7	49
575	Physical activity measured by accelerometry and its associations with cardiac structure and vascular function in young and middle-aged adults. <i>Journal of the American Heart Association</i> , 2015 , 4, e001528	5.7	50
574	A genome-wide association study of saturated, mono- and polyunsaturated red blood cell fatty acids in the Framingham Heart Offspring Study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015 , 94, 65-72	2.7	48
573	Cross-sectional association of dietary patterns with insulin-resistant phenotypes among adults without diabetes in the Framingham Offspring Study. <i>British Journal of Nutrition</i> , 2009 , 102, 576-83	3.4	49
572	Heart failure in the twenty-first century: is it a coronary artery disease or hypertension problem?. <i>Cardiology Clinics</i> , 2007 , 25, 487-95; v	2.4	52
571	Circulating cortisol and cognitive and structural brain measures: The Framingham Heart Study. <i>Neurology</i> , 2018 , 91, e1961-e1970	5.7	48
570	Multiple biomarkers and risk of clinical and subclinical vascular brain injury: the Framingham Offspring Study. <i>Circulation</i> , 2012 , 125, 2100-7	16.3	49
569	Neck circumference and the development of cardiovascular disease risk factors in the Framingham Heart Study. <i>Diabetes Care</i> , 2013 , 36, e3	14.1	48
568	Aldosterone, C-reactive protein, and plasma B-type natriuretic peptide are associated with the development of metabolic syndrome and longitudinal changes in metabolic syndrome components: findings from the Jackson Heart Study. <i>Diabetes Care</i> , 2013 , 36, 3084-92	14.1	48
567	Myocardial infarction associated with a myocardial bridge. <i>International Journal of Cardiology</i> , 1989 , 25, 240-1	3	48

566	The role of hypertension in the pathogenesis of heart failure. A clinical mechanistic overview. <i>Archives of Internal Medicine</i> , 1996 , 156, 1789-96		48
565	An exome array study of the plasma metabolome. <i>Nature Communications</i> , 2016 , 7, 12360	16.9	47
564	The Future of Cardiovascular Epidemiology. <i>Circulation</i> , 2016 , 133, 2626-33	16.3	48
563	Relative Contributions of Arterial Stiffness and Hypertension to Cardiovascular Disease: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016 , 5,	5.7	50
562	Lifetime Smoking History and Risk of Lung Cancer: Results From the Framingham Heart Study. <i>Journal of the National Cancer Institute</i> , 2018 , 110, 1201-1207	9.3	50
561	Genetics of coronary artery disease. <i>Circulation</i> , 2013 , 128, 1131-8	16.3	47
560	Validation of the health ABC heart failure model for incident heart failure risk prediction: the Cardiovascular Health Study. <i>Circulation: Heart Failure</i> , 2010 , 3, 495-502	7.2	51
559	Burden and rates of treatment and control of cardiovascular disease risk factors in obesity: the Framingham Heart Study. <i>Diabetes Care</i> , 2008 , 31, 1367-72	14.1	46
558	The relation of genetic and environmental factors to systemic inflammatory biomarker concentrations. <i>Circulation: Cardiovascular Genetics</i> , 2009 , 2, 229-37		47
557	Associations of plasma natriuretic peptide, adrenomedullin, and homocysteine levels with alterations in arterial stiffness: the Framingham Heart Study. <i>Circulation</i> , 2007 , 115, 3079-85	16.3	48
556	Thrombolytic therapy for prosthetic valve thrombosis: a study based on serial Doppler echocardiographic evaluation. <i>American Heart Journal</i> , 1992 , 123, 1575-80	4.7	45
555	Atrial flutter: Clinical risk factors and adverse outcomes in the Framingham Heart Study. <i>Heart Rhythm</i> , 2016 , 13, 233-40	6.5	47
554	Cardiometabolic correlates and heritability of fetuin-A, retinol-binding protein 4, and fatty-acid binding protein 4 in the Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1943-7	5.4	46
553	Parental obesity and offspring serum alanine and aspartate aminotransferase levels: the Framingham heart study. <i>Gastroenterology</i> , 2008 , 134, 953-9	7.8	46
552	Prevalence, clinical correlates, and prognosis of discrete upper septal thickening on echocardiography: the Framingham Heart Study. <i>Echocardiography</i> , 2009 , 26, 247-53	1.4	43
551	Vitamin E supplement use and the incidence of cardiovascular disease and all-cause mortality in the Framingham Heart Study: Does the underlying health status play a role?. <i>Atherosclerosis</i> , 2009 , 205, 549-53	1.4	47
550	Plasma renin and risk of cardiovascular disease and mortality: the Framingham Heart Study. <i>European Heart Journal</i> , 2007 , 28, 2644-52	9	48
549	Genome-wide scan for pulse pressure in the National Heart, Lung and Blood Institute's Framingham Heart Study. <i>Hypertension</i> , 2004 , 44, 152-5	8	47

548	Genetic Architecture of the Cardiovascular Risk Proteome. <i>Circulation</i> , 2018 , 137, 1158-1172	16.3	45
547	Distinct Aspects of Left Ventricular Mechanical Function Are Differentially Associated With Cardiovascular Outcomes and All-Cause Mortality in the Community. <i>Journal of the American Heart Association</i> , 2015 , 4, e002071	5.7	45
546	Predictors and outcomes of heart failure with mid-range ejection fraction. <i>European Journal of Heart Failure</i> , 2018 , 20, 651-659	12	46
545	Association of visceral and subcutaneous adiposity with kidney function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008 , 3, 1786-91	6.7	46
544	Relations of inflammation and novel risk factors to valvular calcification. <i>American Journal of Cardiology</i> , 2006 , 97, 1502-5	2.9	47
543	Characteristics of Framingham offspring participants with long-lived parents. <i>Archives of Internal Medicine</i> , 2007 , 167, 438-44		45
542	Relation of long-term exposure to air pollution to brachial artery flow-mediated dilation and reactive hyperemia. <i>American Journal of Cardiology</i> , 2014 , 113, 2057-63	2.9	44
541	Distribution and categorization of left ventricular measurements in the general population: results from the population-based Gutenberg Heart Study. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 604-13	3.7	44
540	Asymmetric dimethylarginine reference intervals determined with liquid chromatography-tandem mass spectrometry: results from the Framingham offspring cohort. <i>Clinical Chemistry</i> , 2009 , 55, 1539-45	5.3	44
539	Heritability and correlates of intercellular adhesion molecule-1 in the Framingham Offspring Study. <i>Journal of the American College of Cardiology</i> , 2004 , 44, 168-73	4.6	44
538	Prevalence, Neurohormonal Correlates, and Prognosis of Heart Failure Stages in the Community. <i>JACC: Heart Failure</i> , 2016 , 4, 808-815	7.6	43
537	Familial clustering of mitral valve prolapse in the community. <i>Circulation</i> , 2015 , 131, 263-8	16.3	46
536	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. <i>American Journal of Epidemiology</i> , 2019 , 188, 991-1012	3.7	43
535	Long-term risk of cardiovascular events across a spectrum of adverse major plasma lipid combinations in the Framingham Heart Study. <i>American Heart Journal</i> , 2014 , 168, 878-83.e1	4.7	43
534	Relations of biomarkers of extracellular matrix remodeling to incident cardiovascular events and mortality. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2283-8	9.1	43
533	Visceral and subcutaneous adiposity and brachial artery vasodilator function. <i>Obesity</i> , 2009 , 17, 2054-9	7.7	43
532	Novel approach to examining first cardiovascular events after hypertension onset. <i>Hypertension</i> , 2005 , 45, 39-45	8	43
531	Relations of circulating GDF-15, soluble ST2, and troponin-I concentrations with vascular function in the community: The Framingham Heart Study. <i>Atherosclerosis</i> , 2016 , 248, 245-51	1.4	42

530	Red blood cell fatty acids and biomarkers of inflammation: a cross-sectional study in a community-based cohort. <i>Atherosclerosis</i> , 2015 , 240, 431-6	1.4	43
529	Presentation blood glucose and death, hospitalization, and future diabetes risk in patients with acute heart failure syndromes. <i>European Heart Journal</i> , 2015 , 36, 924-31	9	44
528	Efficient Variant Set Mixed Model Association Tests for Continuous and Binary Traits in Large-Scale Whole-Genome Sequencing Studies. <i>American Journal of Human Genetics</i> , 2019 , 104, 260-274	10.5	41
527	Diabetes and the risk of heart failure. <i>Heart Failure Clinics</i> , 2012 , 8, 125-33	3.2	42
526	Serum fibroblast growth factor-23 is associated with incident kidney disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 192-200	12.3	44
525	Relation of obesity to circulating B-type natriuretic peptide concentrations in blacks: the Jackson Heart Study. <i>Circulation</i> , 2011 , 124, 1021-7	16.3	42
524	Maternal influence on blood pressure suggests involvement of mitochondrial DNA in the pathogenesis of hypertension: the Framingham Heart Study. <i>Journal of Hypertension</i> , 2007 , 25, 2067-73	1.5	41
523	Metabolic syndrome and inflammatory biomarkers: a community-based cross-sectional study at the Framingham Heart Study. <i>Diabetology and Metabolic Syndrome</i> , 2012 , 4, 28	5.4	39
522	Relation of visceral adiposity to circulating natriuretic peptides in ambulatory individuals. <i>American Journal of Cardiology</i> , 2011 , 108, 979-84	2.9	41
521	Six Novel Loci Associated with Circulating VEGF Levels Identified by a Meta-analysis of Genome-Wide Association Studies. <i>PLoS Genetics</i> , 2016 , 12, e1005874	5.7	40
520	Cross-sectional relations of serum aldosterone and urine sodium excretion to urinary albumin excretion in a community-based sample. <i>Kidney International</i> , 2006 , 69, 2064-9	9.6	40
519	Relations of insulin sensitivity to longitudinal blood pressure tracking: variations with baseline age, body mass index, and blood pressure. <i>Circulation</i> , 2005 , 112, 1719-27	16.3	39
518	Response to Letter Regarding Article, "Atrial Fibrillation Begets Heart Failure and Vice Versa: Temporal Associations and Differences in Preserved Versus Reduced Ejection Fraction". <i>Circulation</i> , 2016 , 133, e692-3	16.3	41
517	Genome-wide association study of cardiac structure and systolic function in African Americans: the Candidate Gene Association Resource (CARE) study. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 37-46		38
516	Clinical and genetic correlates of circulating angiopoietin-2 and soluble Tie-2 in the community. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 300-6		39
515	Association of Pregnancy Complications and Characteristics With Future Risk of Elevated Blood Pressure: The VÅterbotten Intervention Program. <i>Hypertension</i> , 2017 , 69, 475-483	8	40
514	Association of the endogenous nitric oxide synthase inhibitor ADMA with carotid artery intimal media thickness in the Framingham Heart Study offspring cohort. <i>Stroke</i> , 2009 , 40, 2715-9	6.5	38
513	Relation of subcutaneous and visceral adipose tissue to coronary and abdominal aortic calcium (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2009 , 104, 543-7	2.9	39

512	The aging heart. <i>Clinical Science</i> , 2018 , 132, 1367-1382	6.3	37
511	Associations of Circulating Growth Differentiation Factor-15 and ST2 Concentrations With Subclinical Vascular Brain Injury and Incident Stroke. <i>Stroke</i> , 2015 , 46, 2568-75	6.5	38
510	Heart Failure in Women--Insights from the Framingham Heart Study. <i>Cardiovascular Drugs and Therapy</i> , 2015 , 29, 377-90	3.8	41
509	Genome-wide association and functional studies identify a role for IGFBP3 in hip osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 1861-7	2.3	38
508	Loss-of-Function Variants, Low-Density Lipoprotein Cholesterol, and Risk of Coronary Heart Disease and Stroke: Data From 9 Studies of Blacks and Whites. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10, e001632		38
507	Genome-wide association study of L-arginine and dimethylarginines reveals novel metabolic pathway for symmetric dimethylarginine. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 864-72		38
506	Obstructive sleep apnea and plasma natriuretic peptide levels in a community-based sample. <i>Sleep</i> , 2006 , 29, 1301-6	1	38
505	Circulating Proneurotensin Concentrations and Cardiovascular Disease Events in the Community: The Framingham Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1692-7	9.1	37
504	Trajectories of Blood Lipid Concentrations Over the Adult Life Course and Risk of Cardiovascular Disease and All-Cause Mortality: Observations From the Framingham Study Over 35 Years. <i>Journal of the American Heart Association</i> , 2019 , 8, e011433	5.7	41
503	Twenty-Year Trends in the American Heart Association Cardiovascular Health Score and Impact on Subclinical and Clinical Cardiovascular Disease: The Framingham Offspring Study. <i>Journal of the American Heart Association</i> , 2018 , 7,	5.7	41
502	Clinical correlates of change in inflammatory biomarkers: The Framingham Heart Study. <i>Atherosclerosis</i> , 2013 , 228, 217-23	1.4	38
501	Relations Between Aortic Stiffness and Left Ventricular Mechanical Function in the Community. <i>Journal of the American Heart Association</i> , 2017 , 6,	5.7	38
500	Aortic-Brachial Arterial Stiffness Gradient and Cardiovascular Risk in the Community: The Framingham Heart Study. <i>Hypertension</i> , 2017 , 69, 1022-1028	8	37
499	Interrelations Between Arterial Stiffness, Target Organ Damage, and Cardiovascular Disease Outcomes. <i>Journal of the American Heart Association</i> , 2019 , 8, e012141	5.7	36
498	Heritability and risks associated with early onset hypertension: multigenerational, prospective analysis in the Framingham Heart Study. <i>BMJ, The</i> , 2017 , 357, j1949	5.7	38
497	Carotid Atherosclerosis and Cerebral Microbleeds: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016 , 5, e002377	5.7	35
496	Development and Validation of Risk Prediction Models for Cardiovascular Events in Black Adults: The Jackson Heart Study Cohort. <i>JAMA Cardiology</i> , 2016 , 1, 15-25	15.8	36
495	Aortic root remodeling and risk of heart failure in the Framingham Heart study. <i>JACC: Heart Failure</i> , 2013 , 1, 79-83	7.6	36

494	Soluble ST2 predicts elevated SBP in the community. <i>Journal of Hypertension</i> , 2013 , 31, 1431-6; discussion 1436	1.5	35
493	Plasma resistin, adiponectin, and risk of incident atrial fibrillation: the Framingham Offspring Study. <i>American Heart Journal</i> , 2012 , 163, 119-124.e1	4.7	39
492	Pathophysiology of Hypertensive Heart Disease: Beyond Left Ventricular Hypertrophy. <i>Current Hypertension Reports</i> , 2020 , 22, 11	4.5	37
491	Association of Left Atrial Function Index with Atrial Fibrillation and Cardiovascular Disease: The Framingham Offspring Study. <i>Journal of the American Heart Association</i> , 2018 , 7,	5.7	35
490	Relationship of proximal tubular injury to chronic kidney disease as assessed by urinary kidney injury molecule-1 in five cohort studies. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, 1460-70	4.1	34
489	Insulin resistance and atrial fibrillation (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2012 , 109, 87-90	2.9	36
488	Contemporary trends in dyslipidemia in the Framingham Heart Study. <i>Archives of Internal Medicine</i> , 2009 , 169, 279-86		35
487	Clinical correlates of circulating visfatin levels in a community-based sample. <i>Diabetes Care</i> , 2007 , 30, 1278-80	14.1	34
486	Filtration markers as predictors of ESRD and mortality in Southwestern American Indians with type 2 diabetes. <i>American Journal of Kidney Diseases</i> , 2015 , 66, 75-83	7.2	33
485	Natural History of Obesity Subphenotypes: Dynamic Changes Over Two Decades and Prognosis in the Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 738-752	5.4	34
484	Cardiovascular Health Status and Incidence of Heart Failure in the Framingham Offspring Study. <i>Circulation: Heart Failure</i> , 2016 , 9, e002416	7.2	34
483	Long- and short-term air pollution exposure and measures of arterial stiffness in the Framingham Heart Study. <i>Environment International</i> , 2018 , 121, 139-147	12.8	33
482	Aminotransferase levels are associated with cardiometabolic risk above and beyond visceral fat and insulin resistance: the Framingham Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 139-46	9.1	35
481	Prioritizing causal disease genes using unbiased genomic features. <i>Genome Biology</i> , 2014 , 15, 534	17.7	33
480	Exhaled carbon monoxide and risk of metabolic syndrome and cardiovascular disease in the community. <i>Circulation</i> , 2010 , 122, 1470-7	16.3	34
479	Urine Kidney Injury Biomarkers and Risks of Cardiovascular Disease Events and All-Cause Death: The CRIC Study. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017 , 12, 761-771	6.7	35
478	Risk for hypertension crosses generations in the community: a multi-generational cohort study. <i>European Heart Journal</i> , 2017 , 38, 2300-2308	9	35
477	Serum Insulin-Like Growth Factor 1 and the Risk of Ischemic Stroke: The Framingham Study. <i>Stroke</i> , 2017 , 48, 1760-1765	6.5	33

476	Brachial artery diameter, blood flow and flow-mediated dilation in sleep-disordered breathing. <i>Vascular Medicine</i> , 2009 , 14, 351-60	3.2	33
475	Liver Fat Is Associated With Markers of Inflammation and Oxidative Stress in Analysis of Data From the Framingham Heart Study. <i>Clinical Gastroenterology and Hepatology</i> , 2019 , 17, 1157-1164.e4	6.6	32
474	Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. <i>Nature Genetics</i> , 2020 , 52, 969-983	35.2	32
473	Heritability, linkage, and genetic associations of exercise treadmill test responses. <i>Circulation</i> , 2007 , 115, 2917-24	16.3	32
472	Prognosis of Adults With Borderline Left Ventricular Ejection Fraction. <i>JACC: Heart Failure</i> , 2016 , 4, 502-10	10	32
471	The impact of APOE genotype on survival: Results of 38,537 participants from six population-based cohorts (E2-CHARGE). <i>PLoS ONE</i> , 2019 , 14, e0219668	3.6	30
470	Relations between subclinical disease markers and type 2 diabetes, metabolic syndrome, and incident cardiovascular disease: the Jackson Heart Study. <i>Diabetes Care</i> , 2015 , 38, 1082-8	14.1	31
469	Circulating angiopoietin-2, its soluble receptor Tie-2, and mortality in the general population. <i>European Journal of Heart Failure</i> , 2013 , 15, 1327-34	12	30
468	Clinical and echocardiographic correlates of plasma procollagen type III amino-terminal peptide levels in the community. <i>American Heart Journal</i> , 2007 , 154, 291-7	4.7	32
467	ADP Platelet Hyperreactivity Predicts Cardiovascular Disease in the FHS (Framingham Heart Study). <i>Journal of the American Heart Association</i> , 2018 , 7,	5.7	32
466	Circulating Adipokines and Vascular Function: Cross-Sectional Associations in a Community-Based Cohort. <i>Hypertension</i> , 2016 , 67, 294-300	8	30
465	Low-density-lipoprotein cholesterol concentrations and risk of incident diabetes: epidemiological and genetic insights from the Framingham Heart Study. <i>Diabetologia</i> , 2015 , 58, 2774-80	10	30
464	Pleiotropy among common genetic loci identified for cardiometabolic disorders and C-reactive protein. <i>PLoS ONE</i> , 2015 , 10, e0118859	3.6	30
463	Association of genetic variation in the mitochondrial genome with blood pressure and metabolic traits. <i>Hypertension</i> , 2012 , 60, 949-56	8	30
462	Directed Non-targeted Mass Spectrometry and Chemical Networking for Discovery of Eicosanoids and Related Oxylipins. <i>Cell Chemical Biology</i> , 2019 , 26, 433-442.e4	7.9	29
461	Transfer function-derived central pressure and cardiovascular disease events: the Framingham Heart Study. <i>Journal of Hypertension</i> , 2016 , 34, 1528-34	1.5	32
460	Correlates and reference limits of plasma gamma-glutamyltransferase fractions from the Framingham Heart Study. <i>Clinica Chimica Acta</i> , 2013 , 417, 19-25	3.9	29
459	Aldosterone and the risk of hypertension. <i>Current Hypertension Reports</i> , 2013 , 15, 102-7	4.5	29

458	Clinical and genetic factors associated with lipoprotein-associated phospholipase A2 in the Framingham Heart Study. <i>Atherosclerosis</i> , 2009 , 204, 601-7	1.4	29
457	Clinical and genetic correlates of soluble P-selectin in the community. <i>Journal of Thrombosis and Haemostasis</i> , 2008 , 6, 20-31	15	29
456	Genomewide linkage analysis of weight change in the Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 3197-201	5.4	29
455	The role of hypertension in the pathogenesis of heart failure. A clinical mechanistic overview. <i>Archives of Internal Medicine</i> , 1996 , 156, 1789-1796		28
454	A fully adjusted two-stage procedure for rank-normalization in genetic association studies. <i>Genetic Epidemiology</i> , 2019 , 43, 263-275	2.5	28
453	Cross-Sectional Association of Frailty and Arterial Stiffness in Community-Dwelling Older Adults: The Framingham Heart Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 373-379	6.2	28
452	Urinary Biomarkers and Risk of ESRD in the Atherosclerosis Risk in Communities Study. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015 , 10, 1956-63	6.7	30
451	Implications of the US cholesterol guidelines on eligibility for statin therapy in the community: comparison of observed and predicted risks in the Framingham Heart Study Offspring Cohort. <i>Journal of the American Heart Association</i> , 2015 , 4,	5.7	28
450	Plasma Fibroblast Growth Factor 23: Clinical Correlates and Association With Cardiovascular Disease and Mortality in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016 , 5,	5.7	28
449	Meta-analysis of genome-wide association studies of HDL cholesterol response to statins. <i>Journal of Medical Genetics</i> , 2016 , 53, 835-845	5.6	28
448	Thoracic periaortic and visceral adipose tissue and their cross-sectional associations with measures of vascular function. <i>Obesity</i> , 2013 , 21, 1496-503	7.7	27
447	Pathogenesis of elevated peripheral pulse pressure: some reflections and thinking forward. <i>Hypertension</i> , 2008 , 51, 33-6	8	29
446	Vascular stiffness and genetic variation at the endothelial nitric oxide synthase locus: the Framingham Heart study. <i>Hypertension</i> , 2007 , 49, 1285-90	8	27
445	Assessing the clinical utility of biomarkers in medicine. <i>Biomarkers in Medicine</i> , 2007 , 1, 419-36	2.2	28
444	Biological Variability of Estimated GFR and Albuminuria in CKD. <i>American Journal of Kidney Diseases</i> , 2018 , 72, 538-546	7.2	31
443	Preventing heart failure: the role of physical activity. <i>Current Opinion in Cardiology</i> , 2015 , 30, 543-50	2	28
442	Moderate-to-vigorous physical activity with accelerometry is associated with visceral adipose tissue in adults. <i>Journal of the American Heart Association</i> , 2015 , 4, e001379	5.7	26
441	Atrial fibrillation without comorbidities: Prevalence, incidence and prognosis (from the Framingham Heart Study). <i>American Heart Journal</i> , 2016 , 177, 138-44	4.7	28

440	Trajectories of Risk Factors and Risk of New-Onset Atrial Fibrillation in the Framingham Heart Study. <i>Hypertension</i> , 2016 , 68, 597-605	8	28
439	Circulating biomarkers and incident ischemic stroke in the Framingham Offspring Study. <i>Neurology</i> , 2016 , 87, 1206-11	5.7	29
438	Endothelial function, arterial stiffness and adherence to the 2010 Dietary Guidelines for Americans: a cross-sectional analysis. <i>British Journal of Nutrition</i> , 2015 , 113, 1773-81	3.4	27
437	Association of parental obesity with concentrations of select systemic biomarkers in nonobese offspring: the Framingham Heart Study. <i>Diabetes</i> , 2009 , 58, 134-7	0.7	26
436	Relation of serum leptin with cardiac mass and left atrial dimension in individuals >70 years of age. <i>American Journal of Cardiology</i> , 2009 , 104, 602-5	2.9	27
435	Genome-wide association analysis of plasma B-type natriuretic peptide in blacks: the Jackson Heart Study. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 122-30		26
434	Deep convolutional neural networks to predict cardiovascular risk from computed tomography. <i>Nature Communications</i> , 2021 , 12, 715	16.9	26
433	Epidemiology of left ventricular false tendons: clinical correlates in the Framingham Heart Study. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 739-45	5.7	28
432	Discovery of Genetic Variation on Chromosome 5q22 Associated with Mortality in Heart Failure. <i>PLoS Genetics</i> , 2016 , 12, e1006034	5.7	26
431	Cross-Sectional Associations of Computed Tomography (CT)-Derived Adipose Tissue Density and Adipokines: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016 , 5, e002545	5.7	25
430	Trajectories of Non-HDL Cholesterol Across Midlife: Implications for Cardiovascular Prevention. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 70-79	4.6	30
429	Overweight, Obesity, and Survival After Stroke in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	5.7	25
428	Circulating vascular growth factors and central hemodynamic load in the community. <i>Hypertension</i> , 2012 , 59, 773-9	8	26
427	Association of matrix metalloproteinases with MRI indices of brain ischemia and aging. <i>Neurobiology of Aging</i> , 2010 , 31, 2128-35	5.4	25
426	The association of chronic kidney disease and microalbuminuria with heart failure with preserved vs. reduced ejection fraction. <i>European Journal of Heart Failure</i> , 2017 , 19, 615-623	12	26
425	Sugary beverage intake and preclinical Alzheimer's disease in the community. <i>Alzheimeris and Dementia</i> , 2017 , 13, 955-964	1.2	25
424	The Future of Genetics and Genomics: Closing the Phenotype Gap in Precision Medicine. <i>Circulation</i> , 2016 , 133, 2634-9	16.3	27
423	Predicting decline of kidney function in lupus nephritis using urine biomarkers. <i>Lupus</i> , 2016 , 25, 1012-8	2.6	27

4 ²²	Relative Contributions of Pulse Pressure and Arterial Stiffness to Cardiovascular Disease. <i>Hypertension</i> , 2019 , 73, 712-717	8	22
4 ²¹	Epidemiology of cardiovascular disease: recent novel outlooks on risk factors and clinical approaches. <i>Expert Review of Cardiovascular Therapy</i> , 2016 , 14, 855-69	2.4	25
4 ²⁰	Large multiethnic Candidate Gene Study for C-reactive protein levels: identification of a novel association at CD36 in African Americans. <i>Human Genetics</i> , 2014 , 133, 985-95	6	24
4 ¹⁹	Usefulness of the blood hematocrit level to predict development of heart failure in a community. <i>American Journal of Cardiology</i> , 2012 , 109, 241-5	2.9	24
4 ¹⁸	Circulating estrone levels are associated prospectively with diabetes risk in men of the Framingham Heart Study. <i>Diabetes Care</i> , 2013 , 36, 2591-6	14.1	24
4 ¹⁷	Metabolic Architecture of Acute Exercise Response in Middle-Aged Adults in the Community. <i>Circulation</i> , 2020 , 142, 1905-1924	16.3	23
4 ¹⁶	Strategies for cardiovascular risk assessment and prevention over the life course: progress amid imperfections. <i>Circulation</i> , 2009 , 120, 360-3	16.3	24
4 ¹⁵	Biomarkers of Vitamin D Status and Risk of ESRD. <i>American Journal of Kidney Diseases</i> , 2016 , 67, 235-42	7.2	23
4 ¹⁴	Genetic variants primarily associated with type 2 diabetes are related to coronary artery disease risk. <i>Atherosclerosis</i> , 2015 , 241, 419-26	1.4	23
4 ¹³	Adipose Tissue Depots and Their Cross-Sectional Associations With Circulating Biomarkers of Metabolic Regulation. <i>Journal of the American Heart Association</i> , 2016 , 5,	5.7	24
4 ¹²	Prospective Relation of Circulating Adipokines to Incident Metabolic Syndrome: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	5.7	22
4 ¹¹	Relation between sex hormone concentrations, peripheral arterial disease, and change in ankle-brachial index: findings from the Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 3724-32	5.4	23
4 ¹⁰	Plasma symmetric dimethylarginine reference limits from the Framingham offspring cohort. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 1907-10	5.7	23
4 ⁰⁹	Association of carotid artery atherosclerosis with circulating biomarkers of extracellular matrix remodeling: the Framingham Offspring Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2008 , 17, 412-7	2.7	24
4 ⁰⁸	Association of the Duration of Ideal Cardiovascular Health Through Adulthood With Cardiometabolic Outcomes and Mortality in the Framingham Offspring Study. <i>JAMA Cardiology</i> , 2020 , 5, 549-556	15.8	26
4 ⁰⁷	Association between arterial stiffness and variations in oestrogen-related genes. <i>Journal of Human Hypertension</i> , 2009 , 23, 636-44	2.5	24
4 ⁰⁶	Common genetic variation at the endothelial nitric oxide synthase locus and relations to brachial artery vasodilator function in the community. <i>Circulation</i> , 2005 , 112, 1419-27	16.3	23
4 ⁰⁵	Impact of Rare and Common Genetic Variants on Diabetes Diagnosis by Hemoglobin A1c in Multi-Ancestry Cohorts: The Trans-Omics for Precision Medicine Program. <i>American Journal of Human Genetics</i> , 2019 , 105, 706-718	10.5	22

404	Association of Parental Hypertension With Arterial Stiffness in Nonhypertensive Offspring: The Framingham Heart Study. <i>Hypertension</i> , 2016 , 68, 584-9	8	20
403	Relation of vascular growth factors with CT-derived measures of body fat distribution: the Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 987-94	5.4	22
402	Associations of serum adiponectin with skeletal muscle morphology and insulin sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 953-7	5.4	22
401	Congestive heart failure with normal left ventricular systolic function. Clinical approaches to the diagnosis and treatment of diastolic heart failure. <i>Archives of Internal Medicine</i> , 1996 , 156, 146-157		22
400	Characteristics and prognosis of heart failure with improved compared with persistently reduced ejection fraction: A systematic review and meta-analyses. <i>European Journal of Preventive Cardiology</i> , 2018 , 25, 366-376	3.8	27
399	Cross-Sectional Associations of Flow Reversal, Vascular Function, and Arterial Stiffness in the Framingham Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 2452-2459	9.1	21
398	Proteomics Profiling and Risk of New-Onset Atrial Fibrillation: Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2019 , 8, e010976	5.7	21
397	Associations of Circulating Extracellular RNAs With Myocardial Remodeling and Heart Failure. <i>JAMA Cardiology</i> , 2018 , 3, 871-876	15.8	21
396	Left ventricular mechanical function: clinical correlates, heritability, and association with parental heart failure. <i>European Journal of Heart Failure</i> , 2015 , 17, 44-50	12	21
395	Genome-wide meta-analyses of plasma renin activity and concentration reveal association with the kininogen 1 and prekallikrein genes. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 131-40		22
394	Urinary monocyte chemoattractant protein-1 and hepcidin and early diabetic nephropathy lesions in type 1 diabetes mellitus. <i>Nephrology Dialysis Transplantation</i> , 2015 , 30, 599-606	4.1	21
393	Residual Cardiovascular Risk in Individuals on Blood Pressure-Lowering Treatment. <i>Journal of the American Heart Association</i> , 2015 , 4,	5.7	23
392	Serum Metabolomic Alterations Associated with Proteinuria in CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019 , 14, 342-353	6.7	21
391	Probing the Virtual Proteome to Identify Novel Disease Biomarkers. <i>Circulation</i> , 2018 , 138, 2469-2481	16.3	21
390	Recent exposure to particle radioactivity and biomarkers of oxidative stress and inflammation: The Framingham Heart Study. <i>Environment International</i> , 2018 , 121, 1210-1216	12.8	21
389	Vascular inflammation and sleep disordered breathing in a community-based cohort. <i>Sleep</i> , 2013 , 36, 763-768C	1	21
388	Relation of QRS width in healthy persons to risk of future permanent pacemaker implantation. <i>American Journal of Cardiology</i> , 2010 , 106, 668-72	2.9	21
387	Variants in the CNR1 and the FAAH genes and adiposity traits in the community. <i>Obesity</i> , 2009 , 17, 755-607		22

386	Association of aortic valve calcium detected by electron beam computed tomography with echocardiographic aortic valve disease and with calcium deposits in the coronary arteries and thoracic aorta. <i>American Journal of Cardiology</i> , 2004 , 93, 421-5	2.9	21
385	Variability of Two Metabolomic Platforms in CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019 , 14, 40-48	6.7	20
384	Temporal trends in pulse pressure and mean arterial pressure during the rise of pediatric obesity in US children. <i>Journal of the American Heart Association</i> , 2014 , 3, e000725	5.7	20
383	Mild expression of mitral valve prolapse in the Framingham offspring: expanding the phenotypic spectrum. <i>Journal of the American Society of Echocardiography</i> , 2014 , 27, 17-23	5.7	21
382	Consent for genetic research in the Framingham Heart Study. <i>American Journal of Medical Genetics, Part A</i> , 2010 , 152A, 1250-6	2.4	21
381	Association of parental hypertension with concentrations of select biomarkers in nonhypertensive offspring. <i>Hypertension</i> , 2008 , 52, 381-6	8	20
380	Relations of Metabolically Healthy and Unhealthy Obesity to Digital Vascular Function in Three Community-Based Cohorts: A Meta-Analysis. <i>Journal of the American Heart Association</i> , 2017 , 6,	5.7	20
379	Relations of Arterial Stiffness With Postural Change in Mean Arterial Pressure in Middle-Aged Adults: The Framingham Heart Study. <i>Hypertension</i> , 2017 , 69, 685-690	8	20
378	Clinical and echocardiographic correlates of plasma osteopontin in the community: the Framingham Heart Study. <i>Heart</i> , 2006 , 92, 1514-5	4.9	20
377	Whole genome sequence analyses of brain imaging measures in the Framingham Study. <i>Neurology</i> , 2018 , 90, e188-e196	5.7	20
376	Midlife exercise blood pressure, heart rate, and fitness relate to brain volume 2 decades later. <i>Neurology</i> , 2016 , 86, 1313-1319	5.7	19
375	Circulating fibroblast growth factor 23 levels and incident dementia: The Framingham heart study. <i>PLoS ONE</i> , 2019 , 14, e0213321	3.6	19
374	American Heart Association Cardiovascular Genome-Phenome Study: foundational basis and program. <i>Circulation</i> , 2015 , 131, 100-12	16.3	21
373	High plasma folate is negatively associated with leukocyte telomere length in Framingham Offspring cohort. <i>European Journal of Nutrition</i> , 2015 , 54, 235-41	5	19
372	Plasma Nitrate and Incidence of Cardiovascular Disease and All-Cause Mortality in the Community: The Framingham Offspring Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	5.7	20
371	Filtration Markers as Predictors of ESRD and Mortality: Individual Participant Data Meta-Analysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017 , 12, 69-78	6.7	19
370	Atrial fibrillation and heart failure parallels: lessons for atrial fibrillation prevention. <i>Critical Pathways in Cardiology</i> , 2011 , 10, 46-51	1.3	18
369	Lifetime Prevalence and Prognosis of Prediabetes Without Progression to Diabetes. <i>Diabetes Care</i> , 2018 , 41, e117-e118	14.1	18

368	Association of Circulating Ceramides With Cardiac Structure and Function in the Community: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2019 , 8, e013050	5.7	18
367	A Meta-Analysis of Genome-Wide Association Studies of Growth Differentiation Factor-15 Concentration in Blood. <i>Frontiers in Genetics</i> , 2018 , 9, 97	4.4	18
366	Cross-Disciplinary Biomarkers Research: Lessons Learned by the CKD Biomarkers Consortium. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015 , 10, 894-902	6.7	21
365	Angiotensin-2, its soluble receptor Tie-2 and subclinical cardiovascular disease in a population-based sample. <i>Heart</i> , 2015 , 101, 178-84	4.9	18
364	Correlation of renin angiotensin and aldosterone system activity with subcutaneous and visceral adiposity: the framingham heart study. <i>BMC Endocrine Disorders</i> , 2012 , 12, 3	3.2	17
363	Association of colony-forming units with coronary artery and abdominal aortic calcification. <i>Circulation</i> , 2010 , 122, 1176-82	16.3	19
362	Cardiometabolic Traits and Systolic Mechanics in the Community. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.2	19
361	Age-related changes in echocardiographic measurements: association with variation in the estrogen receptor-alpha gene. <i>Hypertension</i> , 2007 , 49, 1000-6	8	18
360	What is normal blood pressure?. <i>Current Opinion in Nephrology and Hypertension</i> , 2003 , 12, 285-92	3.4	18
359	Trajectories of Blood Pressure Elevation Preceding Hypertension Onset: An Analysis of the Framingham Heart Study Original Cohort. <i>JAMA Cardiology</i> , 2018 , 3, 427-431	15.8	17
358	Left Ventricular Diastolic Dysfunction in the Community: Impact of Diagnostic Criteria on the Burden, Correlates, and Prognosis. <i>Journal of the American Heart Association</i> , 2018 , 7,	5.7	18
357	Circulating IGFBP-2: a novel biomarker for incident dementia. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 1659-1670	5.1	17
356	Serum Leptin Levels and the Risk of Stroke: The Framingham Study. <i>Stroke</i> , 2015 , 46, 2881-5	6.5	17
355	Interindividual variation in serum sodium and longitudinal blood pressure tracking in the Framingham Heart Study. <i>Journal of Hypertension</i> , 2008 , 26, 2121-5	1.5	17
354	Association between SNP heterozygosity and quantitative traits in the Framingham Heart Study. <i>Annals of Human Genetics</i> , 2009 , 73, 465-73	2.2	17
353	Long-term C-reactive protein variability and prediction of metabolic risk. <i>American Journal of Medicine</i> , 2009 , 122, 53-61	2.3	17
352	Prehypertension and risk of cardiovascular disease. <i>Expert Review of Cardiovascular Therapy</i> , 2006 , 4, 111-7	2.4	17
351	Serum potassium and risk of cardiovascular disease: the Framingham heart study. <i>Archives of Internal Medicine</i> , 2002 , 162, 1007-12		17

350	Residual cardiovascular risk in individuals on lipid-lowering treatment: quantifying absolute and relative risk in the community. <i>Open Heart</i> , 2018 , 5, e000722	2.9	15
349	Circulating Galectin-3 Is Associated With Cardiometabolic Disease in the Community. <i>Journal of the American Heart Association</i> , 2015 , 5,	5.7	13
348	Divergent Temporal Trends in Morbidity and Mortality Related to Heart Failure and Atrial Fibrillation: Age, Sex, Race, and Geographic Differences in the United States, 1991-2015. <i>Journal of the American Heart Association</i> , 2019 , 8, e010756	5.7	18
347	Objective physical activity and physical performance in middle-aged and older adults. <i>Experimental Gerontology</i> , 2019 , 119, 203-211	4.3	17
346	APOE and the Association of Fatty Acids With the Risk of Stroke, Coronary Heart Disease, and Mortality. <i>Stroke</i> , 2018 , 49, 2822-2829	6.5	16
345	Clinical correlates of sex steroids and gonadotropins in men over the late adulthood: the Framingham Heart Study. <i>Journal of Developmental and Physical Disabilities</i> , 2012 , 35, 775-82		15
344	Bimodal aldosterone distribution in low-renin hypertension. <i>American Journal of Hypertension</i> , 2013 , 26, 1076-85	2.1	15
343	Relations of measures of endothelial function and kidney disease: the Framingham Heart Study. <i>American Journal of Kidney Diseases</i> , 2008 , 52, 859-67	7.2	16
342	Cerebral Microbleeds as Predictors of Mortality: The Framingham Heart Study. <i>Stroke</i> , 2017 , 48, 781-783	6.5	15
341	Associations of objective physical activity with insulin sensitivity and circulating adipokine profile: the Framingham Heart Study. <i>Clinical Obesity</i> , 2017 , 7, 59-69	3.5	17
340	Metabolic Predictors of Change in Vascular Function: Prospective Associations From a Community-Based Cohort. <i>Hypertension</i> , 2018 , 71, 237-242	8	16
339	Variants in angiotensin-converting enzyme 2 (ACE2) contribute to variation in nocturnal oxyhaemoglobin saturation level. <i>Human Molecular Genetics</i> , 2016 , 25, 5244-5253	5.5	15
338	Racial Differences in Electrocardiographic Characteristics and Prognostic Significance in Whites Versus Asians. <i>Journal of the American Heart Association</i> , 2016 , 5, e002956	5.7	16
337	Assessing the incremental predictive performance of novel biomarkers over standard predictors. <i>Statistics in Medicine</i> , 2014 , 33, 2577-84	2.3	16
336	Short-term exposure to air pollution and digital vascular function. <i>American Journal of Epidemiology</i> , 2014 , 180, 482-9	3.7	15
335	Biomarkers of cardiovascular stress and subclinical atherosclerosis in the community. <i>Clinical Chemistry</i> , 2014 , 60, 1402-8	5.3	15
334	Segment-specific association between plasma homocysteine level and carotid artery intima-media thickness in the Framingham Offspring Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2011 , 20, 155-61	2.7	15
333	Familial aggregation of left ventricular geometry and association with parental heart failure: the Framingham Heart Study. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 492-8		15

332	Association of Multiorgan Computed Tomographic Phenomap With Adverse Cardiovascular Health Outcomes: The Framingham Heart Study. <i>JAMA Cardiology</i> , 2017 , 2, 1236-1246	15.8	15
331	Proteomic and Metabolomic Correlates of Healthy Dietary Patterns: The Framingham Heart Study. <i>Nutrients</i> , 2020 , 12,	6.4	15
330	Circulating Sex Steroids and Vascular Calcification in Community-Dwelling Men: The Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2160-7	5.4	14
329	Leveraging linkage evidence to identify low-frequency and rare variants on 16p13 associated with blood pressure using TOPMed whole genome sequencing data. <i>Human Genetics</i> , 2019 , 138, 199-210	6	14
328	Reversal of Aging-Induced Increases in Aortic Stiffness by Targeting Cytoskeletal Protein-Protein Interfaces. <i>Journal of the American Heart Association</i> , 2018 , 7,	5.7	14
327	Risk of ESRD and Mortality Associated With Change in Filtration Markers. <i>American Journal of Kidney Diseases</i> , 2017 , 70, 551-560	7.2	14
326	Erythrocyte n-6 Fatty Acids and Risk for Cardiovascular Outcomes and Total Mortality in the Framingham Heart Study. <i>Nutrients</i> , 2018 , 10,	6.4	13
325	Circulating testosterone and SHBG concentrations are heritable in women: the Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1491-5	5.4	14
324	Aortic root diameter and longitudinal blood pressure tracking. <i>Hypertension</i> , 2008 , 52, 473-7	8	14
323	Cardiovascular health, genetic risk, and risk of dementia in the Framingham Heart Study. <i>Neurology</i> , 2020 , 95, e1341-e1350	5.7	14
322	Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. <i>Nature Communications</i> , 2020 , 11, 6417	16.9	14
321	Clinical and Hemodynamic Associations and Prognostic Implications of Ventilatory Efficiency in Patients With Preserved Left Ventricular Systolic Function. <i>Circulation: Heart Failure</i> , 2020 , 13, e006729	7.2	13
320	Cardiovascular Risk Factors are Associated with Future Cancer. <i>JACC: CardioOncology</i> , 2021 , 3, 48-58	3.7	20
319	The KCNMB1 E65K variant is associated with reduced central pulse pressure in the community-based Framingham Offspring Cohort. <i>Journal of Hypertension</i> , 2009 , 27, 55-60	1.5	14
318	Homocysteine and heart failure: a review of investigations from the Framingham Heart Study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 987-92	5.7	14
317	Clinical correlates and prognostic significance of change in standardized left ventricular mass in a community-based cohort of African Americans. <i>Journal of the American Heart Association</i> , 2015 , 4,	5.7	13
316	Circulating vascular endothelial growth factor and the risk of cardiovascular events. <i>Heart</i> , 2016 , 102, 1898-1901	4.9	13
315	Relation of Orthostatic Hypotension With New-Onset Atrial Fibrillation (From the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2018 , 121, 596-601	2.9	14

314	Is there a role for coronary artery calcium scoring for management of asymptomatic patients at risk for coronary artery disease?: Clinical risk scores are sufficient to define primary prevention treatment strategies among asymptomatic patients. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 390-7; discussion 397	3.7	14
313	Association of exhaled carbon monoxide with subclinical cardiovascular disease and their conjoint impact on the incidence of cardiovascular outcomes. <i>European Heart Journal</i> , 2014 , 35, 2980-7	9	14
312	Genetic and clinical correlates of early-outgrowth colony-forming units. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 296-304		13
311	Sex-Specific Associations of Cardiovascular Risk Factors and Biomarkers With Incident Heart Failure. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 1455-1465	4.6	14
310	Genome-Wide Association Study Highlights as a Novel Locus for Lipoprotein(a) Levels-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 458-464	9.1	12
309	Familial Clustering of Aortic Size, Aneurysms, and Dissections in the Community. <i>Circulation</i> , 2020 , 142, 920-928	16.3	15
308	Serum potassium is not associated with blood pressure tracking in the Framingham Heart Study. <i>American Journal of Hypertension</i> , 2002 , 15, 130-6	2.1	13
307	Cross-sectional relations of urinary sodium excretion to cardiac structure and hypertrophy. The Framingham Heart Study. <i>American Journal of Hypertension</i> , 2004 , 17, 891-6	2.1	13
306	Age and time need not and should not be eliminated from the coronary risk prediction models. <i>Circulation</i> , 2005 , 111, 542-5	16.3	13
305	The diagnosis of thoracic aortic dissection by noninvasive imaging procedures. <i>New England Journal of Medicine</i> , 1993 , 328, 1637; author reply 1638	57.2	13
304	Value and limitations of Doppler echocardiographic determination of mitral valve area in Lutembacher syndrome. <i>Journal of the American College of Cardiology</i> , 1992 , 20, 1362-70	4.6	13
303	Deep sequencing of the mitochondrial genome reveals common heteroplasmic sites in NADH dehydrogenase genes. <i>Human Genetics</i> , 2018 , 137, 203-213	6	12
302	Comorbidities and Cardiometabolic Disease: Relationship With Longitudinal Changes in Diastolic Function. <i>JACC: Heart Failure</i> , 2018 , 6, 317-325	7.6	14
301	Association of Circulating Tissue Inhibitor of Metalloproteinases-1 and Procollagen Type III Aminoterminal Peptide Levels With Incident Heart Failure and Chronic Kidney Disease. <i>Journal of the American Heart Association</i> , 2019 , 8, e011426	5.7	11
300	Drug-Gene Interactions of Antihypertensive Medications and Risk of Incident Cardiovascular Disease: A Pharmacogenomics Study from the CHARGE Consortium. <i>PLoS ONE</i> , 2015 , 10, e0140496	3.6	12
299	The association between sleep-disordered breathing and aortic stiffness in a community cohort. <i>Sleep Medicine</i> , 2016 , 19, 69-74	2.8	12
298	Relations of Microvascular Function, Cardiovascular Disease Risk Factors, and Aortic Stiffness in Blacks: The Jackson Heart Study. <i>Journal of the American Heart Association</i> , 2018 , 7, e009515	5.7	12
297	A comparison of strategies for analyzing dichotomous outcomes in genome-wide association studies with general pedigrees. <i>Genetic Epidemiology</i> , 2011 , 35, 650-7	2.5	12

296	Association of plasma B-type natriuretic peptide concentrations with longitudinal blood pressure tracking in African Americans: findings from the Jackson Heart Study. <i>Hypertension</i> , 2013 , 61, 48-54	8	12
295	Sex-specific associations of serum prolactin concentrations with cardiac remodeling: longitudinal results from the Study of Health Pomerania (SHIP). <i>Atherosclerosis</i> , 2012 , 221, 570-6	1.4	13
294	Clinical correlates, heritability, and genetic linkage of circulating CD40 ligand in the Framingham Offspring Study. <i>American Heart Journal</i> , 2008 , 156, 1003-1009.e1	4.7	12
293	Accelerometer-determined physical activity and cognitive function in middle-aged and older adults from two generations of the Framingham Heart Study. <i>Alzheimeris and Dementia: Translational Research and Clinical Interventions</i> , 2019 , 5, 618-626	5.7	10
292	Windkessel Measures Derived From Pressure Waveforms Only: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2019 , 8, e012300	5.7	11
291	Integrated Multiomics Approach to Identify Genetic Underpinnings of Heart Failure and Its Echocardiographic Precursors: Framingham Heart Study. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002489	4.9	11
290	Trends in the association of parental history of obesity over 60 years. <i>Obesity</i> , 2014 , 22, 919-24	7.7	11
289	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	5	9
288	A Global View of the Relationships between the Main Behavioural and Clinical Cardiovascular Risk Factors in the GAZEL Prospective Cohort. <i>PLoS ONE</i> , 2016 , 11, e0162386	3.6	11
287	Inherited Causes of Clonal Hematopoiesis of Indeterminate Potential in TOPMed Whole Genomes		11
286	Lifetime risk for developing dyslipidemia: the Framingham Offspring Study. <i>American Journal of Medicine</i> , 2007 , 120, 623-30	2.3	11
285	Cross-sectional correlates of serum heat shock protein 70 in the community. <i>American Journal of Hypertension</i> , 2006 , 19, 227-31; discussion 232-3	2.1	11
284	Association of Exhaled Carbon Monoxide With Stroke Incidence and Subclinical Vascular Brain Injury: Framingham Heart Study. <i>Stroke</i> , 2016 , 47, 383-9	6.5	10
283	Association of Circulating Adipokines With Echocardiographic Measures of Cardiac Structure and Function in a Community-Based Cohort. <i>Journal of the American Heart Association</i> , 2018 , 7,	5.7	10
282	Genome-wide association study for endothelial growth factors. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 389-97		10
281	Revisiting heritability accounting for shared environmental effects and maternal inheritance. <i>Human Genetics</i> , 2015 , 134, 169-79	6	10
280	Short-term exposure to ambient air pollution and circulating biomarkers of endothelial cell activation: The Framingham Heart Study. <i>Environmental Research</i> , 2019 , 171, 36-43	7.8	10
279	Interarm differences in systolic blood pressure and the risk of dementia and subclinical brain injury. <i>Alzheimeris and Dementia</i> , 2016 , 12, 438-45	1.2	10

278	Inter-Relations of Orthostatic Blood Pressure Change, Aortic Stiffness, and Brain Structure and Function in Young Adults. <i>Journal of the American Heart Association</i> , 2017 , 6,	5.7	10
277	Clinical and Echocardiographic Correlates of Left Atrial Function Index: The Framingham Offspring Study. <i>Journal of the American Society of Echocardiography</i> , 2017 , 30, 904-912.e2	5.7	10
276	Association Between Leukocyte Telomere Length and the Risk of Incident Atrial Fibrillation: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	5.7	11
275	Hepatic steatosis is associated with lower levels of physical activity measured via accelerometry. <i>Obesity</i> , 2015 , 23, 1259-66	7.7	11
274	Using family-based imputation in genome-wide association studies with large complex pedigrees: the Framingham Heart Study. <i>PLoS ONE</i> , 2012 , 7, e51589	3.6	10
273	Higher aldosterone and lower N-terminal proatrial natriuretic peptide as biomarkers of salt sensitivity in the community. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2011 , 18, 664-73		10
272	Radiomics of Coronary Artery Calcium in the Framingham Heart Study. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e190119	7.9	10
271	Prognosis of Prehypertension Without Progression to Hypertension. <i>Circulation</i> , 2017 , 136, 1262-1264	16.3	10
270	Predictors of coronary artery calcium among 20-30-year-olds: The Coronary Artery Calcium Consortium. <i>Atherosclerosis</i> , 2020 , 301, 65-68	1.4	12
269	Cross-sectional relations of multiple biomarkers representing distinct biological pathways to plasma markers of collagen metabolism in the community. <i>Journal of Hypertension</i> , 2009 , 27, 1317-24	1.5	10
268	Response to Letter Regarding Article, "Cross-Sectional Relations of Multiple Biomarkers From Distinct Biological Pathways to Brachial Artery Endothelial Function" <i>Circulation</i> , 2006 , 114,	16.3	10
267	Assessment of cardiovascular risk and choice of antihypertensive therapy. <i>Current Hypertension Reports</i> , 2004 , 6, 346-51	4.5	11
266	Percutaneous balloon mitral valvuloplasty in juvenile rheumatic mitral stenosis. <i>American Journal of Cardiology</i> , 1991 , 67, 892-4	2.9	10
265	Plasma bradykinin and early diabetic nephropathy lesions in type 1 diabetes mellitus. <i>PLoS ONE</i> , 2017 , 12, e0180964	3.6	9
264	Baseline levels, and changes over time in body mass index and fasting insulin, and their relationship to change in metabolic trait clustering. <i>Metabolic Syndrome and Related Disorders</i> , 2014 , 12, 372-80	2.5	9
263	The Impact of Multipollutant Clusters on the Association Between Fine Particulate Air Pollution and Microvascular Function. <i>Epidemiology</i> , 2016 , 27, 194-201	3	9
262	Secular trends in echocardiographic left ventricular mass in the community: the Framingham Heart Study. <i>Heart</i> , 2013 , 99, 1693-8	4.9	9
261	Multilevel modeling versus cross-sectional analysis for assessing the longitudinal tracking of cardiovascular risk factors over time. <i>Statistics in Medicine</i> , 2013 , 32, 5028-38	2.3	9

260	Dietary Patterns, Ceramide Ratios, and Risk of All-Cause and Cause-Specific Mortality: The Framingham Offspring Study. <i>Journal of Nutrition</i> , 2020 , 150, 2994-3004	3.9	9
259	Plasma asymmetric dimethylarginine, L-arginine and left ventricular structure and function in a community-based sample. <i>Atherosclerosis</i> , 2009 , 204, 282-7	1.4	9
258	A Single Visualization Technique for Displaying Multiple Metabolite-Phenotype Associations. <i>Metabolites</i> , 2019 , 9,	5.3	9
257	The relation of red blood cell fatty acids with vascular stiffness, cardiac structure and left ventricular function: the Framingham Heart Study. <i>Vascular Medicine</i> , 2015 , 20, 5-13	3.2	8
256	Covariate-adjusted measures of discrimination for survival data. <i>Biometrical Journal</i> , 2015 , 57, 592-613	1.4	8
255	Biomarkers for the prediction of venous thromboembolism in the community. <i>Thrombosis Research</i> , 2016 , 145, 34-9	7.3	9
254	Association of descending thoracic aortic plaque with brain atrophy and white matter hyperintensities: The Framingham Heart Study. <i>Atherosclerosis</i> , 2017 , 265, 305-311	1.4	9
253	Incidence of cardiovascular disease in individuals affected by recent changes to US blood pressure treatment guidelines. <i>Journal of Hypertension</i> , 2018 , 36, 436-443	1.5	8
252	Circulating CD31+ leukocyte frequency is associated with cardiovascular risk factors. <i>Atherosclerosis</i> , 2013 , 229, 228-33	1.4	8
251	Circulating angiogenic cell populations, vascular function, and arterial stiffness. <i>Atherosclerosis</i> , 2012 , 220, 145-50	1.4	8
250	Prognostic Significance of Echocardiographic Measures of Cardiac Remodeling. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 72-81.e6	5.7	8
249	Comprehensive Metabolic Phenotyping Refines Cardiovascular Risk in Young Adults. <i>Circulation</i> , 2020 , 142, 2110-2127	16.3	8
248	Metabolomic signatures of cardiac remodelling and heart failure risk in the community. <i>ESC Heart Failure</i> , 2020 , 7, 3707	3.5	8
247	Association of Changes in Cardiovascular Health Metrics and Risk of Subsequent Cardiovascular Disease and Mortality. <i>Journal of the American Heart Association</i> , 2020 , 9, e017458	5.7	10
246	Risks of Incident Cardiovascular Disease Associated With Concomitant Elevations in Lipoprotein(a) and Low-Density Lipoprotein Cholesterol-The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2020 , 9, e014711	5.7	8
245	Aptamer-Based Proteomic Platform Identifies Novel Protein Predictors of Incident Heart Failure and Echocardiographic Traits. <i>Circulation: Heart Failure</i> , 2020 , 13, e006749	7.2	7
244	Heritability of Mitral Regurgitation: Observations From the Framingham Heart Study and Swedish Population. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		10
243	Framingham Heart Study: JACC Focus Seminar, 1/8. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 2680-2692	4.6	10

242	Clinical and Environmental Correlates of Serum BDNF: A Descriptive Study with Plausible Implications for AD Research. <i>Current Alzheimer Research</i> , 2017 , 14, 722-730	2.9	10
241	Goals and guidelines for treating hypertension in a patient with heart failure. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2006 , 8, 334-44	2	8
240	Estimating lifetime risk of developing high serum total cholesterol: adjustment for baseline prevalence and single-occasion measurements. <i>American Journal of Epidemiology</i> , 2007 , 165, 464-72	3.7	8
239	Prevalence of cardiac abnormalities early in the course of systemic lupus erythematosus. <i>American Journal of Cardiology</i> , 1991 , 68, 1540-1	2.9	8
238	The association of non-alcoholic fatty liver disease and cardiac structure and function-Framingham Heart Study. <i>Liver International</i> , 2020 , 40, 2445-2454	7.6	7
237	Circulating testican-2 is a podocyte-derived marker of kidney health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 25026-25035	11.1	8
236	Growth Differentiation Factor 15 and NT-proBNP as Blood-Based Markers of Vascular Brain Injury and Dementia. <i>Journal of the American Heart Association</i> , 2020 , 9, e014659	5.7	7
235	Performance of the Pooled Cohort Equations to Estimate Atherosclerotic Cardiovascular Disease Risk by Body Mass Index. <i>JAMA Network Open</i> , 2020 , 3, e2023242	10.1	7
234	FIB-4 stage of liver fibrosis is associated with incident heart failure with preserved, but not reduced, ejection fraction among people with and without HIV or hepatitis C. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 184-191	8.3	7
233	Screening for ventricular remodeling. <i>Current Heart Failure Reports</i> , 2006 , 3, 5-13	2.7	7
232	Usefulness of antimyosin antibody imaging for the detection of active rheumatic myocarditis. <i>American Journal of Cardiology</i> , 1999 , 84, 946-50, A7	2.9	7
231	Non-specific aortoarteritis: long-term follow-up on immunosuppressive therapy. <i>International Journal of Cardiology</i> , 1993 , 39, 79-84	3	7
230	Myocardial systolic function in systemic lupus erythematosus: a study based on radionuclide ventriculography. <i>Clinical Cardiology</i> , 1992 , 15, 433-5	3.2	7
229	The Molecular Basis of Predicting Atherosclerotic Cardiovascular Disease Risk. <i>Circulation Research</i> , 2021 , 128, 287-303	15.3	7
228	Familial clustering of hypertensive target organ damage in the community. <i>Journal of Hypertension</i> , 2018 , 36, 1086-1093	1.5	6
227	Familial Clustering of Cardiac Conduction Defects and Pacemaker Insertion. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019 , 12, e007150	6	7
226	Association of soda consumption with subclinical cardiac remodeling in the Framingham heart study. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 208-12	10	5
225	Asymmetric dimethylarginine, related arginine derivatives, and incident atrial fibrillation. <i>American Heart Journal</i> , 2016 , 176, 100-6	4.7	7

224	Association of Parental Obesity and Diabetes Mellitus With Circulating Adipokines in Nonobese Nondiabetic Offspring. <i>Journal of the American Heart Association</i> , 2017 , 6,	5.7	7
223	Serum brain-derived neurotrophic factor and risk of atrial fibrillation. <i>American Heart Journal</i> , 2017 , 183, 69-73	4.7	6
222	Vascular risk factor burden and new-onset depression in the community. <i>Preventive Medicine</i> , 2018 , 111, 348-350	4.1	5
221	Circulating Vascular Growth Factors and Magnetic Resonance Imaging Markers of Small Vessel Disease and Atrophy in Middle-Aged Adults. <i>Stroke</i> , 2018 , 49, 2227-2229	6.5	6
220	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	6.6	6
219	Whole genome sequence analysis of pulmonary function and COPD in 19,996 multi-ethnic participants. <i>Nature Communications</i> , 2020 , 11, 5182	16.9	7
218	The association of endothelial function and tone by digital arterial tonometry with MRI left ventricular mass in African Americans: the Jackson Heart Study. <i>Journal of the American Society of Hypertension</i> , 2017 , 11, 258-264		6
217	Left Ventricular Mass and Incident Chronic Kidney Disease. <i>Hypertension</i> , 2020 , 75, 702-706	8	6
216	Association of circulating metabolites in plasma or serum and risk of stroke: Meta-analysis from seven prospective cohorts. <i>Neurology</i> , 2020 ,	5.7	6
215	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	5.7	6
214	Metabolomics Insights into Osteoporosis Through Association With Bone Mineral Density. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 729-738	6.1	8
213	Age dependent associations of risk factors with heart failure: pooled population based cohort study. <i>BMJ, The</i> , 2021 , 372, n461	5.7	9
212	Altered blood pressure progression in the community and its relation to clinical events. <i>Archives of Internal Medicine</i> , 2008 , 168, 1450-7		6
211	Genetic Architecture of Circulating Very-Long-Chain (C24:0 and C22:0) Ceramide Concentrations. <i>Journal of Lipid and Atherosclerosis</i> , 2020 , 9, 172-183	2.8	6
210	A comparison of dobutamine infusion and exercise during radionuclide ventriculography in the evaluation of coronary arterial disease. <i>International Journal of Cardiology</i> , 1992 , 35, 49-55	3	6
209	Spectrum of right-sided infective endocarditis: an Indian experience. <i>International Journal of Cardiology</i> , 1992 , 35, 187-93	3	6
208	Metabolomic Profiles and Heart Failure Risk in Black Adults: Insights From the Jackson Heart Study. <i>Circulation: Heart Failure</i> , 2021 , 14, e007275	7.2	6
207	Association of Genetic Variation in Coronary Artery Disease-Related Loci With the Risk of Heart Failure With Preserved Versus Reduced Ejection Fraction. <i>Circulation</i> , 2018 , 137, 1290-1292	16.3	5

206	Risk factor-based subphenotyping of heart failure in the community. <i>PLoS ONE</i> , 2019 , 14, e0222886	3.6	5
205	Genome-wide association reveals that common genetic variation in the kallikrein-kinin system is associated with serum L-arginine levels. <i>Thrombosis and Haemostasis</i> , 2016 , 116, 1041-1049	6.8	5
204	Invited commentary: future of population studies--defining research priorities and processes. <i>American Journal of Epidemiology</i> , 2015 , 181, 369-71	3.7	5
203	Self-Reported Physical Activity and Relations to Growth and Neurotrophic Factors in Diabetes Mellitus: The Framingham Offspring Study. <i>Journal of Diabetes Research</i> , 2019 , 2019, 2718465	3.7	5
202	Omega-3 Fatty Acids and Genome-Wide Interaction Analyses Reveal DPP10-Pulmonary Function Association. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 631-642	9.7	5
201	Glycoproteomic Profiling Provides Candidate Myocardial Infarction Predictors of Later Progression to Heart Failure. <i>ACS Omega</i> , 2019 , 4, 1272-1280	3.8	5
200	Submaximal Exercise Systolic Blood Pressure and Heart Rate at 20 Years of Follow-up: Correlates in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016 , 5,	5.7	5
199	Clinical Correlates of Aortic Stiffness and Wave Amplitude in Black Men and Women in the Community. <i>Journal of the American Heart Association</i> , 2018 , 7, e008431	5.7	5
198	Eicosanoid Inflammatory Mediators Are Robustly Associated With Blood Pressure in the General Population. <i>Journal of the American Heart Association</i> , 2020 , 9, e017598	5.7	5
197	Associations of accelerometer-measured physical activity and sedentary time with chronic kidney disease: The Framingham Heart Study. <i>PLoS ONE</i> , 2020 , 15, e0234825	3.6	5
196	A genome-wide interaction analysis of tricyclic/tetracyclic antidepressants and RR and QT intervals: a pharmacogenomics study from the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium. <i>Journal of Medical Genetics</i> , 2017 , 54, 313-323	5.6	5
195	Associations of Ω 3 Fatty Acids With Interstitial Lung Disease and Lung Imaging Abnormalities Among Adults. <i>American Journal of Epidemiology</i> , 2021 , 190, 95-108	3.7	4
194	Mind Diet Adherence and Cognitive Performance in the Framingham Heart Study. <i>Journal of Alzheimer's Disease</i> , 2021 , 82, 827-839	4.2	5
193	Blood DNA Methylation and Incident Coronary Heart Disease: Evidence From the Strong Heart Study. <i>JAMA Cardiology</i> , 2021 , 6, 1237-1246	15.8	5
192	Commentary: C-reactive protein and risk prediction--moving beyond associations to assessing predictive utility and clinical usefulness. <i>International Journal of Epidemiology</i> , 2009 , 38, 231-4	7.6	5
191	A risk score for risk factors: rationale and roadmap for preventing hypertension. <i>Hypertension</i> , 2009 , 54, 454-6	8	5
190	Aggressive lowering of blood pressure. <i>Lancet, The</i> , 2006 , 368, 627-8	36.2	5
189	Relations of mitochondrial genetic variants to measures of vascular function. <i>Mitochondrion</i> , 2018 , 40, 51-57	4.6	4

188	Association of the IGF1 gene with fasting insulin levels. <i>European Journal of Human Genetics</i> , 2016 , 24, 1337-43	5.2	4
187	Sequencing Analysis at 8p23 Identifies Multiple Rare Variants in DLC1 Associated with Sleep-Related Oxyhemoglobin Saturation Level. <i>American Journal of Human Genetics</i> , 2019 , 105, 1057-1068	10.5	4
186	Statistics in cardiovascular medicine: there is still gold in the old. <i>Heart</i> , 2018 , 104, 1227	4.9	4
185	LDL-Cholesterol Is Not the Only Clinically Relevant Biomarker for Coronary Artery Disease or Acute Coronary Syndrome. <i>Clinical Pharmacology and Therapeutics</i> , 2018 , 104, 232-234	5.9	5
184	Genetic Reduction in Left Ventricular Protein Kinase C- β and Adverse Ventricular Remodeling in Human Subjects. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e001901	4.9	4
183	Endogenous circulating testosterone and sex hormone-binding globulin levels and measures of myocardial structure and function: the Framingham Heart Study. <i>Andrology</i> , 2019 , 7, 307-314	4	4
182	A robust method for genome-wide association meta-analysis with the application to circulating insulin-like growth factor I concentrations. <i>Genetic Epidemiology</i> , 2014 , 38, 162-71	2.5	4
181	Circulating plasma cholesteryl ester transfer protein activity and blood pressure tracking in the community. <i>Journal of Hypertension</i> , 2011 , 29, 863-8	1.5	4
180	Cross-sectional relations of lipid concentrations to left ventricular structural attributes. <i>American Journal of Cardiology</i> , 2010 , 105, 1297-9	2.9	4
179	Clinical Associations of Vascular Stiffness, Microvascular Dysfunction, and Prevalent Cardiovascular Disease in a Black Cohort: The Jackson Heart Study. <i>Journal of the American Heart Association</i> , 2020 , 9, e017018	5.7	3
178	Clinical course after a first episode of heart failure: insights from the Framingham Heart Study. <i>European Journal of Heart Failure</i> , 2020 , 22, 1768-1776	12	4
177	Plasma Kidney Injury Molecule 1 in CKD: Findings From the Boston Kidney Biopsy Cohort and CRIC Studies. <i>American Journal of Kidney Diseases</i> , 2021 ,	7.2	4
176	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. <i>Nature Communications</i> , 2021 , 12, 3505	16.9	4
175	Population sequencing data reveal a compendium of mutational processes in the human germ line. <i>Science</i> , 2021 , 373, 1030-1035	32.2	4
174	Proteomic profiling reveals biomarkers and pathways in type 2 diabetes risk. <i>JCI Insight</i> , 2021 , 6,	9.6	4
173	Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. <i>Nature Communications</i> , 2021 , 12, 2182	16.9	4
172	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	10.5	4
171	Association of Blood Pressure Responses to Submaximal Exercise in Midlife With the Incidence of Cardiovascular Outcomes and All-Cause Mortality: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2020 , 9, e015554	5.7	4

170	Daily steps and all-cause mortality: a meta-analysis of 15 international cohorts.. <i>Lancet Public Health, The</i> , 2022 , 7, e219-e228	21.8	5
169	Deep learning enables genetic analysis of the human thoracic aorta. <i>Nature Genetics</i> , 2021 ,	35.2	4
168	Lowering cholesterol and death due to accidents, suicides: unresolved issues. <i>Archives of Internal Medicine</i> , 1992 , 152, 414, 417		4
167	Genome-wide meta-analysis of SNP and antihypertensive medication interactions on left ventricular traits in African Americans. <i>Molecular Genetics & Genomic Medicine</i> , 2019 , 7, e00788	2.2	3
166	Multisystem Trajectories Over the Adult Life Course and Relations to Cardiovascular Disease and Death. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 1778-1785	6.2	3
165	Angiopietin-2, its soluble receptor Tie-2, and metabolic syndrome components in a population-based sample. <i>Obesity</i> , 2016 , 24, 2038-41	7.7	3
164	Gene Set Enrichment Analyses: lessons learned from the heart failure phenotype. <i>BioData Mining</i> , 2017 , 10, 18	4.1	3
163	A risk score for predicting 30-day mortality in heart failure patients undergoing non-cardiac surgery. <i>European Journal of Heart Failure</i> , 2014 , 16, 1310-6	12	3
162	A78: Urine Biomarkers Role in Predicting the Future Development of Renal Functional Loss With Lupus Nephritis in Children and Adults. <i>Arthritis and Rheumatology</i> , 2014 , 66, S111-S111	9.3	3
161	N-terminal pro-B-type natriuretic peptide in early and advanced phases of obesity. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 1539-45	5.7	3
160	The J-curve relationship of treated diastolic blood pressure to mortality risk: Is it real? Is it clinically meaningful?. <i>Current Cardiovascular Risk Reports</i> , 2007 , 1, 204-208	0.9	3
159	Nicotinic acetylcholine receptor subunit variants are associated with blood pressure; findings in the Old Order Amish and replication in the Framingham Heart Study. <i>BMC Medical Genetics</i> , 2008 , 9, 67	2	3
158	Association of Lower Plasma Homoarginine Concentrations with Greater Risk of All-Cause Mortality in the Community: The Framingham Offspring Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5	3
157	Relations between plasma microRNAs, echocardiographic markers of atrial remodeling, and atrial fibrillation: Data from the Framingham Offspring study. <i>PLoS ONE</i> , 2020 , 15, e0236960	3.6	3
156	EDEM3 Modulates Plasma Triglyceride Level through Its Regulation of LRP1 Expression. <i>IScience</i> , 2020 , 23, 100973	5.9	3
155	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	5.7	2
154	Whole genome sequence analyses of eGFR in 23,732 people representing multiple ancestries in the NHLBI trans-omics for precision medicine (TOPMed) consortium. <i>EBioMedicine</i> , 2021 , 63, 103157	8.6	4
153	Proteomic Signatures of Lifestyle Risk Factors for Cardiovascular Disease: A Cross-Sectional Analysis of the Plasma Proteome in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e018020	5.7	3

152	Metabolic Cost of Exercise Initiation in Patients With Heart Failure With Preserved Ejection Fraction vs Community-Dwelling Adults. <i>JAMA Cardiology</i> , 2021 , 6, 653-660	15.8	3
151	Physical activity and fitness in the community: the Framingham Heart Study. <i>European Heart Journal</i> , 2021 , 42, 4565-4575	9	3
150	Conjoint Associations of Adherence to Physical Activity and Dietary Guidelines With Cardiometabolic Health: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e019800	5.7	3
149	Sex-Specific Prevalence, Incidence, and Mortality Associated With Atrial Fibrillation in Heart Failure. <i>JACC: Clinical Electrophysiology</i> , 2021 , 7, 1366-1375	4.4	3
148	Response to Net reclassification improvement and decision theory by Vickers et al.. <i>Statistics in Medicine</i> , 2009 , 28, 526-528	2.3	2
147	Phenotype-genotype association grid: a convenient method for summarizing multiple association analyses. <i>BMC Genetics</i> , 2006 , 7, 30	2.5	3
146	Algorithms for assessing cardiovascular risk in women. <i>JAMA - Journal of the American Medical Association</i> , 2007 , 298, 175-6; author reply 177-8	26.8	3
145	Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data.. <i>Nature Genetics</i> , 2022 ,	35.2	3
144	Restarting Human Participant Research at Community-based Observational Studies during the COVID-19 Pandemic. <i>Journal of the American Heart Association</i> , 2020 , 9, e018832	5.7	3
143	Pharmacogenomics study of thiazide diuretics and QT interval in multi-ethnic populations: the cohorts for heart and aging research in genomic epidemiology. <i>Pharmacogenomics Journal</i> , 2018 , 18, 215-226	3.3	2
142	Intensive vs Standard Blood Pressure Control for Older Adults. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 1922-1923	26.8	2
141	Scientific Contributions of Population-Based Studies to Cardiovascular Epidemiology in the GWAS Era. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 57	5.2	3
140	Sex-differences in post-discharge outcomes among patients hospitalized for atrial fibrillation. <i>Clinical Cardiology</i> , 2019 , 42, 84-92	3.2	2
139	Microsimulation model to predict incremental value of biomarkers added to prognostic models. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018 , 25, 1382-1385	8.3	2
138	Response to Letters Regarding Article, Arterial Stiffness and Cardiovascular Events: The Framingham Heart Study. <i>Circulation</i> , 2010 , 122,	16.3	1
137	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	14.1	2
136	A Contemporary Approach to Hypertensive Cardiomyopathy: Reversing Left Ventricular Hypertrophy. <i>Current Hypertension Reports</i> , 2020 , 22, 85	4.5	3
135	Premature Parental Cardiovascular Disease and Subclinical Disease Burden in the Offspring. <i>Journal of the American Heart Association</i> , 2020 , 9, e015406	5.7	2

134	Accelerometer-assessed physical activity and incident diabetes in a population covering the adult life span: the Hispanic Community Health Study/Study of Latinos. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 1318-1327	6.6	2
133	Plasma Metabolomic Signatures of Healthy Dietary Patterns in the Chronic Renal Insufficiency Cohort (CRIC) Study. <i>Journal of Nutrition</i> , 2021 , 151, 2894-2907	3.9	2
132	Prognostic Significance of Echocardiographic Measures of Cardiac Remodeling in the Community. <i>Current Cardiology Reports</i> , 2021 , 23, 86	4	2
131	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	6.6	2
130	Digital Peripheral Arterial Tonometry and Cardiovascular Disease Events: The Framingham Heart Study. <i>Stroke</i> , 2021 , 52, 2866-2873	6.5	2
129	Associations of the Mediterranean-Dietary Approaches to Stop Hypertension Intervention for Neurodegenerative Delay diet with cardiac remodelling in the community: the Framingham Heart Study. <i>British Journal of Nutrition</i> , 2021 , 126, 1888-1896	3.4	2
128	Intrinsic Frequencies of Carotid Pressure Waveforms Predict Heart Failure Events: The Framingham Heart Study. <i>Hypertension</i> , 2021 , 77, 338-346	8	2
127	Biological Pathways in Adolescent Aortic Stiffness. <i>Journal of the American Heart Association</i> , 2021 , 10, e018419	5.7	2
126	Association of Blood Pressure and Heart Rate Responses to Submaximal Exercise With Incident Heart Failure: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e019460	5.7	2
125	Epidemiology of Heart Failure Stages in Middle-Aged Black People in the Community: Prevalence and Prognosis in the Atherosclerosis Risk in Communities Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e016524	5.7	3
124	Multiomic 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	4.9	2
123	Rare coding variants in 35 genes associate with circulating lipid levels in a multi-ancestry analysis of 170,000 exomes		2
122	Neurohormonal activation in populations susceptible to heart failure. <i>Heart Failure Clinics</i> , 2005 , 1, 11-23	3.2	2
121	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential.. <i>Science Advances</i> , 2022 , 8, eabl6579	13.9	2
120	Association of Clonal Hematopoiesis with Chronic Obstructive Pulmonary Disease. <i>Blood</i> , 2021 ,	2.1	5
119	Genome-wide association study provides new insights into the genetic architecture and pathogenesis of heart failure		2
118	Joint influences of obesity, diabetes, and hypertension on indices of ventricular remodeling: Findings from the community-based Framingham Heart Study. <i>PLoS ONE</i> , 2020 , 15, e0243199	3.6	2
117	Dairy intake not associated with metabolic syndrome but milk and yogurt intake is inversely associated with prevalence of hypertension in middle-aged adults. <i>FASEB Journal</i> , 2010 , 24, 324.5	0.9	

116	Contribution of the neighborhood environment to cross-sectional variation in long-term CVD risk scores in the Framingham Heart Study. <i>PLoS ONE</i> , 2018 , 13, e0201712	3.6	1
115	Cohort profile: The MULTI sTudy Diabetes rEsearch (MULTITUDE) consortium. <i>BMJ Open</i> , 2018 , 8, e020640		1
114	Revisit Population-based and Family-based Genotype Imputation. <i>Scientific Reports</i> , 2019 , 9, 1800	4.7	1
113	924 Non-Alcoholic Fatty Liver Disease Is Associated With Lower Levels of Physical Activity Measured via Accelerometry: The Framingham Heart Study. <i>Gastroenterology</i> , 2014 , 146, S-929	7.8	1
112	Aortic stiffness and incident hypertension--reply. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 30	26.8	1
111	Searching for parent-of-origin effects on cardiometabolic traits in imprinted genomic regions. <i>European Journal of Human Genetics</i> , 2020 , 28, 646-655	5.2	1
110	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	3.3	1
109	Association of Exhaled Carbon Monoxide With Ideal Cardiovascular Health, Circulating Biomarkers, and Incidence of Heart Failure in the Framingham Offspring Study. <i>Journal of the American Heart Association</i> , 2020 , 9, e016762	5.7	1
108	Association of Cardiorespiratory Fitness and Hemodynamic Responses to Submaximal Exercise Testing With the Incidence of Chronic Kidney Disease: The Framingham Heart Study. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1184-1194	6.2	1
107	Association of subclinical atherosclerosis with echocardiographic indices of cardiac remodeling: The Framingham Study. <i>PLoS ONE</i> , 2020 , 15, e0233321	3.6	1
106	Metabolomics insights into osteoporosis through association with bone mineral density		1
105	Metabolite Biomarkers of CKD Progression in Children. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021 , 16, 1178-1189	6.7	3
104	The genomics of heart failure: design and rationale of the HERMES consortium. <i>ESC Heart Failure</i> , 2021 ,	3.5	1
103	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	10.5	1
102	Associations of circulating dimethylarginines with the metabolic syndrome in the Framingham Offspring study. <i>PLoS ONE</i> , 2021 , 16, e0254577	3.6	1
101	Collaborative Cohort of Cohorts for COVID-19 Research (C4R) Study: Study Design 2021 ,		1
100	Circulating growth factors and cardiac remodeling in the community: The Framingham Heart Study. <i>International Journal of Cardiology</i> , 2021 , 329, 217-224	3	1
99	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	3.6	2

98	Association of mitochondrial DNA copy number with cardiometabolic diseases in a large cross-sectional study of multiple ancestries		1
97	Reply Effect yes, role no!. <i>International Journal of Cardiology</i> , 1989 , 25, 142-143	3	1
96	Atrial natriuretic peptide: an atavistic hormone?. <i>International Journal of Cardiology</i> , 1989 , 22, 407-8	3	2
95	To believe or not to believe. <i>International Journal of Cardiology</i> , 1991 , 31, 119-21	3	1
94	Newer Drugs to Reduce High Blood Pressure and Mitigate Hypertensive Target Organ Damage.. <i>Current Hypertension Reports</i> , 2022 , 24, 1	4.5	1
93	Diet Quality Scores are Positively Associated with Whole Blood-derived Mitochondrial DNA Copy Number in the Framingham Heart Study. <i>Journal of Nutrition</i> , 2021 ,	3.9	1
92	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	6.5	1
91	The association of lung function and pulmonary vasculature volume with cardiorespiratory fitness in the community.. <i>European Respiratory Journal</i> , 2022 ,	13.2	0
90	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed.. <i>Cell Genomics</i> , 2022 , 2, 100084-100084		1
89	Genome-wide association study reveals novel genetic loci: a new polygenic risk score for mitral valve prolapse.. <i>European Heart Journal</i> , 2022 ,	9	1
88	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	14	2
87	Collaborative Cohort of Cohorts for COVID-19 Research (C4R) Study: Study Design.. <i>American Journal of Epidemiology</i> , 2022 ,	3.7	1
86	Lymphocytotoxic antibodies in patients with systemic lupus erythematosus & their household contacts. <i>Indian Journal of Medical Research</i> , 1990 , 92, 147-50	2.7	1
85	Novel genetic determinants of telomere length from a trans-ethnic analysis of 109,122 whole genome sequences in TOPMed		1
84	Association of mitochondrial DNA copy number with cardiometabolic diseases.. <i>Cell Genomics</i> , 2021 , 1,		1
83	Arteriosclerosis, Atherosclerosis, and Cardiovascular Health: Joint Relations to the Incidence of Cardiovascular Disease. <i>Hypertension</i> , 2021 , 78, 1232-1240	8	1
82	ASSOCIATIONS OF OCCUPANT MOTOR VEHICLE CRASH WITH FUTURE HEART FAILURE AND ISCHEMIC STROKE IN OLDER ADULTS. <i>American Journal of Epidemiology</i> , 2019 , 188, 1400-1403	3.7	0
81	Association of antecedent cardiovascular risk factor levels and trajectories with cardiovascular magnetic resonance-derived cardiac function and structure. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 2	6.6	0

80	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	2.7	0
79	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, 595-601	3.2	0
78	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	3.7	1
77	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	4.9	0
76	Association of Mildly Reduced Kidney Function With Cardiovascular Disease: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e020301	5.7	0
75	Presence and transmission of mitochondrial heteroplasmic mutations in human populations of European and African ancestry. <i>Mitochondrion</i> , 2021 , 60, 33-42	4.6	0
74	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	8.3	0
73	Shared Genetic and Environmental Architecture of Cardiac Phenotypes Assessed via Echocardiography: The Framingham Heart Study. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003244	4.9	0
72	Arterial Stiffness and Long-Term Risk of Health Outcomes: The FHS.. <i>Hypertension</i> , 2022 , HYPERTENSIONAHA12118776	8.1	1
71	Association of Cardiometabolic Disease With Cancer in the Community.. <i>JACC: CardioOncology</i> , 2022 , 4, 69-81	3.7	0
70	Relations of Metabolic Health and Obesity to Brain Aging in Young to Middle-Aged Adults.. <i>Journal of the American Heart Association</i> , 2022 , e022107	5.7	0
69	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	2.7	0
68	Meta-analysis of genome-wide association studies identifies ancestry-specific associations underlying circulating total tau levels.. <i>Communications Biology</i> , 2022 , 5, 336	6.5	0
67	Population study of the gut microbiome: associations with diet, lifestyle, and cardiometabolic disease.. <i>Genome Medicine</i> , 2021 , 13, 188	14	0
66	Matrix Gla Protein Levels Are Associated With Arterial Stiffness and Incident Heart Failure With Preserved Ejection Fraction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , ATVBAHA121316664	9.1	1
65	Lifetime Risk of Heart Failure Among Participants in the Framingham Study.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 250-263	4.6	1
64	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	10	0
63	Hypertension-Mediated Organ Damage: Prevalence, Correlates, and Prognosis in the Community.. <i>Hypertension</i> , 2022 , 79, 505-515	8	1

62	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	2.9	o
61	Association of Estimated Cardiorespiratory Fitness in Midlife With Cardiometabolic Outcomes and Mortality. <i>JAMA Network Open</i> , 2021 , 4, e2131284	10.1	o
60	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	6.5	o
59	Quantitative Comparison of Statistical Methods for Analyzing Human Metabolomics Data. <i>Metabolites</i> , 2022 , 12, 519	5.3	
58	Incidence rates of dilated cardiomyopathy in adult first-degree relatives versus matched controls. <i>IJC Heart and Vasculature</i> , 2022 , 41, 101065	2.3	
57	Reply. <i>Journal of Hypertension</i> , 2016 , 34, 2489-2490	1.5	
56	O1-04-06: Association of plasma biomarkers with risk of incident dementia in the framingham heart study: A metabolomics approach 2015 , 11, P134-P135		
55	Lipoproteins and Cardiovascular Disease Risk. <i>Contemporary Endocrinology</i> , 2015 , 57-65	0.3	
54	Response to Letter Regarding Article, "Familial Clustering of Mitral Valve Prolapse in the Community". <i>Circulation</i> , 2015 , 132, e187-8	16.3	
53	Cardiovascular endocrinology: Growth hormone in CVD prediction--a tall order?. <i>Nature Reviews Endocrinology</i> , 2015 , 11, 11-3	14.8	
52	Circulating Estrogen Levels and Self-Reported Health and Mobility Limitation in Community-Dwelling Men of the Framingham Heart Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 1137-1142	6.2	
51	O1-02-01: Non-Alcoholic Fatty Liver Disease is Associated with Lower Brain Volume in Healthy Middle-Aged Adults: the Framingham Study 2016 , 12, P173-P173		
50	O2-09-01: Aortic Stiffness and the Risk of Incident Mild Cognitive Impairment and Dementia 2016 , 12, P247-P247		
49	Reply: Size Matters? Seeking High-Risk Populations Among "Normal" Individuals. <i>JACC: Heart Failure</i> , 2016 , 4, 828-829	7.6	
48	[P3041]: MRI FINDINGS ASSOCIATED WITH CIRCULATING VEGF AND STIE2 CONCENTRATIONS IN YOUNG AND MIDDLE-AGED ADULTS IN THE FRAMINGHAM HEART STUDY 2017 , 13, P1032-P1032		
47	[IC-P-102]: CIRCULATING VEGF AND STIE2 AND MRI FINDINGS IN YOUNG AND MIDDLE-AGED ADULTS IN THE FRAMINGHAM HEART STUDY 2017 , 13, P78-P79		
46	O2-10-01: OMEGA-3 FATTY ACID LEVELS ARE ASSOCIATED WITH BRAIN MRI MEASURES IN MIDDLE-AGED ADULTS FROM THE FRAMINGHAM HEART STUDY 2018 , 14, P644-P644		
45	IC-P-107: IGF-1 AND IGFBP-3 ASSOCIATIONS WITH BRAIN MRI: META-ANALYSIS IN MIDDLE-AGED ADULTS FROM THE FRAMINGHAM HEART STUDY AND STUDY OF HEALTH IN POMERANIA 2018 , 14, P92-P92		

- 44 P3-237: IGF-1 AND IGFBP-3 ASSOCIATIONS WITH BRAIN MRI: META-ANALYSIS IN MIDDLE-AGED ADULTS FROM THE FRAMINGHAM HEART STUDY AND STUDY OF HEALTH IN POMERANIA **2018**, 14, P1163-P1163
- 43 P3-561: ADHERENCE TO THE MIND DIET IS ASSOCIATED WITH BETTER COGNITION IN THE FRAMINGHAM HEART STUDY **2018**, 14, P1338-P1339
- 42 Statins are not associated with a decrease in all cause mortality in a high-risk primary prevention setting. *Evidence-Based Medicine*, **2011**, 16, 8-9
- 41 Epidemiology of Heart Failure **2011**, 346-354
- 40 Common Genetic Determinants of Vitamin D Insufficiency: A Genome-Wide Association Study. *Obstetrical and Gynecological Survey*, **2011**, 66, 91-93 0.5
- 39 Reflections on the utility of imaging for prevention of coronary disease. *American Journal of Cardiology*, **2008**, 102, 1116 2.9
- 38 Hypertension and Valvular Heart Disease **2008**, 233-246
- 37 Selected News Items. *Circulation: Cardiovascular Genetics*, **2008**, 1, 75-77
- 36 Diastolic dysfunction and cognitive impairment. *Alzheimeris and Dementia*, **2020**, 16, e038487 1.2
- 35 Prognosis of "pre-heart failure" clinical phenotypes. *PLoS ONE*, **2020**, 15, e0231254 3.6
- 34 Heart failure risk estimation based on novel biomarkers. *Expert Review of Molecular Diagnostics*, **2021**, 21, 655-672 3.7
- 33 Relations of arterial stiffness and endothelial dysfunction with incident venous thromboembolism. *Thrombosis Research*, **2021**, 204, 108-113 7.3
- 32 Association of lung diffusion capacity with cardiac remodeling and risk of heart failure: The Framingham heart study. *PLoS ONE*, **2021**, 16, e0246355 3.6
- 31 Cardiovascular Genetics and Genomics for the Cardiologist. *Circulation: Cardiovascular Genetics*, **2008**, 1, 74-74
- 30 Summary of Recent Articles of Interest. *Circulation: Cardiovascular Genetics*, **2009**, 2, 298-302
- 29 Summary of Recent Articles of Interest. *Circulation: Cardiovascular Genetics*, **2009**, 2, 90-94
- 28 Summary of Recent Articles of Interest. *Circulation: Cardiovascular Genetics*, **2009**, 2, 205-208
- 27 Continuing Medical Education Program in Echocardiography. *Echocardiography*, **2009**, 26, 246-246 1.4

26 Summary of Interesting Articles. *Circulation: Cardiovascular Genetics*, **2009**, 2, 409-414

25 Impact of hypertension treatment on risk of congestive heart failure. *American Journal of Hypertension*, **2000**, 13, S323 2.1

24 On being fair to the pulmonary artery catheter. *Chest*, **1992**, 101, 589-90 1.2

23 On measuring "agreement" and not "correlation". *Journal of the American College of Cardiology*, **1992**, 20, 750 4.6

22 The atrial septum after balloon mitral valvotomy: observations during surgery. *American Heart Journal*, **1993**, 125, 549-50 4.7

21 Unusual electrocardiographic response during pulmonary balloon valvoplasty. *International Journal of Cardiology*, **1991**, 33, 442-4 3

20 Hypertension to normotension? A case of 'summer-salt'. *International Journal of Cardiology*, **1991**, 33, 179-80 3

19 Hypertrophic cardiomyopathy: disorder to be rechristened?. *International Journal of Cardiology*, **1991**, 32, 413-4 3

18 Prevalence, Predictors, Progression, and Prognosis of Hypertension Subtypes in the Framingham Heart Study.. *Journal of the American Heart Association*, **2022**, e024202 5.7

17 Authors' response. *Indian Journal of Medical Research*, **2014**, 139, 962 2.7

16 Discrepancies in Observed and Predicted Longitudinal Change in Central Hemodynamic Measures: The Framingham Heart Study. *Hypertension*, **2021**, 78, 973-982 8

15 Lifetime Risk of Heart Failure and Trends in Incidence Rates Among Individuals With Type 2 Diabetes Between 1995 and 2018. *Journal of the American Heart Association*, **2021**, 10, e021230 5.7

14 High-throughput digitization of analog human echocardiography data. *MethodsX*, **2020**, 7, 101159 1.9

13 Aortic Root Diameter and Arterial Stiffness: Conjoint Relations to the Incidence of Cardiovascular Disease in the Framingham Heart Study. *Hypertension*, **2021**, 78, 1278-1286 8

12 Modulation of telomere length by the C677T polymorphism of the MTHFR gene and plasma folate status. *FASEB Journal*, **2011**, 25, 782.12 0.9

11 Joint influences of obesity, diabetes, and hypertension on indices of ventricular remodeling: Findings from the community-based Framingham Heart Study **2020**, 15, e0243199

10 Joint influences of obesity, diabetes, and hypertension on indices of ventricular remodeling: Findings from the community-based Framingham Heart Study **2020**, 15, e0243199

9 Joint influences of obesity, diabetes, and hypertension on indices of ventricular remodeling: Findings from the community-based Framingham Heart Study **2020**, 15, e0243199

8	Joint influences of obesity, diabetes, and hypertension on indices of ventricular remodeling: Findings from the community-based Framingham Heart Study 2020 , 15, e0243199	
7	Association of orthostatic blood pressure response with incident heart failure: The Framingham Heart Study.. <i>PLoS ONE</i> , 2022 , 17, e0267057	3.6
6	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	3.6
5	Integrative Analysis of Circulating Metabolite Levels That Correlate With Physical Activity and Cardiorespiratory Fitness.. <i>Circulation Genomic and Precision Medicine</i> , 2022 , 101161CIRCGEN121003592 ^{4.9}	
4	The Value of Rare Genetic Variation in the Prediction of Common Obesity in European Ancestry Populations.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 863893	5.5
3	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 , 1-12	4.2
2	Multi-system trajectories and the incidence of heart failure in the Framingham Offspring Study. <i>PLoS ONE</i> , 2022 , 17, e0268576	3.6
1	Cholesterol reduction and total mortality.. <i>Circulation</i> , 1991 , 84, 2604-2604	16.3