

Thomas J Wang

List of Publications by Citations

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

368 papers	46,447 citations	100 h-index	211 g-index
400 ext. papers	53,715 ext. citations	10.8 avg, IF	7.04 L-index

#	Paper	IF	Citations
368	Metabolite profiles and the risk of developing diabetes. <i>Nature Medicine</i> , 2011 , 17, 448-53	50.5	2044
367	Vitamin D deficiency and risk of cardiovascular disease. <i>Circulation</i> , 2008 , 117, 503-11	16.7	1770
366	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011 , 478, 103-9	50.4	1564
365	Lifetime risk for development of atrial fibrillation: the Framingham Heart Study. <i>Circulation</i> , 2004 , 110, 1042-6	16.7	1483
364	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	16.7	1374
363	Common genetic determinants of vitamin D insufficiency: a genome-wide association study. <i>Lancet, The</i> , 2010 , 376, 180-8	40	1183
362	Plasma natriuretic peptide levels and the risk of cardiovascular events and death. <i>New England Journal of Medicine</i> , 2004 , 350, 655-63	59.2	1133
361	Genome-wide association study of blood pressure and hypertension. <i>Nature Genetics</i> , 2009 , 41, 677-87	36.3	1065
360	Multiple biomarkers for the prediction of first major cardiovascular events and death. <i>New England Journal of Medicine</i> , 2006 , 355, 2631-9	59.2	978
359	Obesity and the risk of new-onset atrial fibrillation. <i>JAMA - Journal of the American Medical Association</i> , 2004 , 292, 2471-7	27.4	917
358	Impact of obesity on plasma natriuretic peptide levels. <i>Circulation</i> , 2004 , 109, 594-600	16.7	737
357	Development of a risk score for atrial fibrillation (Framingham Heart Study): a community-based cohort study. <i>Lancet, The</i> , 2009 , 373, 739-45	40	715
356	Fibroblast growth factor 23 and left ventricular hypertrophy in chronic kidney disease. <i>Circulation</i> , 2009 , 119, 2545-52	16.7	645
355	The Framingham Heart Study and the epidemiology of cardiovascular disease: a historical perspective. <i>Lancet, The</i> , 2014 , 383, 999-1008	40	642
354	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		605
353	Causal relationship between obesity and vitamin D status: bi-directional Mendelian randomization analysis of multiple cohorts. <i>PLoS Medicine</i> , 2013 , 10, e1001383	11.6	592
352	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	27.4	580

351	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	16.7	563
350	Parental cardiovascular disease as a risk factor for cardiovascular disease in middle-aged adults: a prospective study of parents and offspring. <i>JAMA - Journal of the American Medical Association</i> , 2004 , 291, 2204-11	27.4	494
349	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	16.7	475
348	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	27.4	433
347	Natural history of asymptomatic left ventricular systolic dysfunction in the community. <i>Circulation</i> , 2003 , 108, 977-82	16.7	428
346	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	15.9	420
345	Cardiac arrest during long-distance running races. <i>New England Journal of Medicine</i> , 2012 , 366, 130-40	59.2	418
344	Novel and conventional biomarkers for prediction of incident cardiovascular events in the community. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 49-57	27.4	411
343	Metabolite profiling identifies pathways associated with metabolic risk in humans. <i>Circulation</i> , 2012 , 125, 2222-31	16.7	401
342	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	9.4	396
341	Vitamin D and musculoskeletal health, cardiovascular disease, autoimmunity and cancer: Recommendations for clinical practice. <i>Autoimmunity Reviews</i> , 2010 , 9, 709-15	13.6	384
340	Elevation of circulating branched-chain amino acids is an early event in human pancreatic adenocarcinoma development. <i>Nature Medicine</i> , 2014 , 20, 1193-1198	50.5	383
339	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	27.4	379
338	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	24.6	369
337	Metabolite profiling and cardiovascular event risk: a prospective study of 3 population-based cohorts. <i>Circulation</i> , 2015 , 131, 774-85	16.7	367
336	Common variants in KCNN3 are associated with lone atrial fibrillation. <i>Nature Genetics</i> , 2010 , 42, 240-4	36.3	362
335	Adiposity, cardiometabolic risk, and vitamin D status: the Framingham Heart Study. <i>Diabetes</i> , 2010 , 59, 242-8	0.9	356
334	Impact of age and sex on plasma natriuretic peptide levels in healthy adults. <i>American Journal of Cardiology</i> , 2002 , 90, 254-8	3	356

333	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	27.4	352
332	Long-term trends in the incidence of heart failure after myocardial infarction. <i>Circulation</i> , 2008 , 118, 2057-62	16.7	351
331	Genome-wide association study of PR interval. <i>Nature Genetics</i> , 2010 , 42, 153-9	36.3	340
330	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011 , 43, 1005-11	36.3	338
329	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	16.7	337
328	Prognostic utility of novel biomarkers of cardiovascular stress: the Framingham Heart Study. <i>Circulation</i> , 2012 , 126, 1596-604	16.7	334
327	Variants in ZFHX3 are associated with atrial fibrillation in individuals of European ancestry. <i>Nature Genetics</i> , 2009 , 41, 879-81	36.3	307
326	Dynamic regulation of circulating microRNA during acute exhaustive exercise and sustained aerobic exercise training. <i>Journal of Physiology</i> , 2011 , 589, 3983-94	3.9	304
325	Metabolic profiling of the human response to a glucose challenge reveals distinct axes of insulin sensitivity. <i>Molecular Systems Biology</i> , 2008 , 4, 214	12.2	304
324	Association of common variants in NPPA and NPPB with circulating natriuretic peptides and blood pressure. <i>Nature Genetics</i> , 2009 , 41, 348-53	36.3	286
323	Pericardial fat is associated with prevalent atrial fibrillation: the Framingham Heart Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010 , 3, 345-50	6.4	283
322	2-Aminoadipic acid is a biomarker for diabetes risk. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4309-17	15.9	281
321	Metabolic signatures of exercise in human plasma. <i>Science Translational Medicine</i> , 2010 , 2, 33ra37	17.5	276
320	Role of Biomarkers for the Prevention, Assessment, and Management of Heart Failure: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2017 , 135, e1054-e1091	16.7	274
319	Plasma asymmetric dimethylarginine and incidence of cardiovascular disease and death in the community. <i>Circulation</i> , 2009 , 119, 1592-600	16.7	270
318	Use of amino-terminal pro-B-type natriuretic peptide to guide outpatient therapy of patients with chronic left ventricular systolic dysfunction. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 1881-9	15.1	262
317	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , 2014 , 2, 719-29	18.1	250
316	The search for new cardiovascular biomarkers. <i>Nature</i> , 2008 , 451, 949-52	50.4	250

315	Pulse pressure and risk of new-onset atrial fibrillation. <i>JAMA - Journal of the American Medical Association</i> , 2007 , 297, 709-15	27.4	250
314	Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. <i>Nature Genetics</i> , 2010 , 42, 1068-76	36.3	249
313	Assessment of conventional cardiovascular risk factors and multiple biomarkers for the prediction of incident heart failure and atrial fibrillation. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1712-9	15.1	228
312	Inherited variation in vitamin D genes is associated with predisposition to autoimmune disease type 1 diabetes. <i>Diabetes</i> , 2011 , 60, 1624-31	0.9	222
311	Framingham Heart Study 100K Project: genome-wide associations for blood pressure and arterial stiffness. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S3	2.1	216
310	Relations of biomarkers of distinct pathophysiological pathways and atrial fibrillation incidence in the community. <i>Circulation</i> , 2010 , 121, 200-7	16.7	211
309	Resistin, adiponectin, and risk of heart failure the Framingham offspring study. <i>Journal of the American College of Cardiology</i> , 2009 , 53, 754-62	15.1	205
308	Plasma copeptin and the risk of diabetes mellitus. <i>Circulation</i> , 2010 , 121, 2102-8	16.7	200
307	Assessing the role of circulating, genetic, and imaging biomarkers in cardiovascular risk prediction. <i>Circulation</i> , 2011 , 123, 551-65	16.7	197
306	A genome-wide association study of the human metabolome in a community-based cohort. <i>Cell Metabolism</i> , 2013 , 18, 130-43	24.6	188
305	A risk score for predicting near-term incidence of hypertension: the Framingham Heart Study. <i>Annals of Internal Medicine</i> , 2008 , 148, 102-10	8	184
304	A diabetes-predictive amino acid score and future cardiovascular disease. <i>European Heart Journal</i> , 2013 , 34, 1982-9	9.5	175
303	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	17.4	174
302	A combined epidemiologic and metabolomic approach improves CKD prediction. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 1330-8	12.7	172
301	Low-grade albuminuria and the risks of hypertension and blood pressure progression. <i>Circulation</i> , 2005 , 111, 1370-6	16.7	171
300	Association of plasma natriuretic peptide levels with metabolic risk factors in ambulatory individuals. <i>Circulation</i> , 2007 , 115, 1345-53	16.7	166
299	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	27.4	164
298	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	8.5	163

297	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	16.7	153
296	The epidemiology of "asymptomatic" left ventricular systolic dysfunction: implications for screening. <i>Annals of Internal Medicine</i> , 2003 , 138, 907-16	8	152
295	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		147
294	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 ⁵⁶		146
293	Association of circulating endothelial microparticles with cardiometabolic risk factors in the Framingham Heart Study. <i>European Heart Journal</i> , 2014 , 35, 2972-9	9.5	142
292	Assessing Cardiac Metabolism: A Scientific Statement From the American Heart Association. <i>Circulation Research</i> , 2016 , 118, 1659-701	15.7	142
291	Framingham Heart Study 100K project: genome-wide associations for cardiovascular disease outcomes. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S5	2.1	139
290	Association of parental heart failure with risk of heart failure in offspring. <i>New England Journal of Medicine</i> , 2006 , 355, 138-47	59.2	138
289	Multiple biomarkers and the risk of incident hypertension. <i>Hypertension</i> , 2007 , 49, 432-8	8.5	138
288	Increasing trends in incidence of overweight and obesity over 5 decades. <i>American Journal of Medicine</i> , 2007 , 120, 242-50	2.4	134
287	Genetic variants and associations of 25-hydroxyvitamin D concentrations with major clinical outcomes. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 1898-905	27.4	131
286	Head-to-head comparison of serial soluble ST2, growth differentiation factor-15, and highly-sensitive troponin T measurements in patients with chronic heart failure. <i>JACC: Heart Failure</i> , 2014 , 2, 65-72	7.9	129
285	The Association of Obesity and Cardiometabolic Traits With Incident HFpEF and HFrEF. <i>JACC: Heart Failure</i> , 2018 , 6, 701-709	7.9	128
284	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	16.7	128
283	Low serum magnesium and the development of atrial fibrillation in the community: the Framingham Heart Study. <i>Circulation</i> , 2013 , 127, 33-8	16.7	128
282	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	5.5	124
281	Predictive Accuracy of a Polygenic Risk Score Compared With a Clinical Risk Score for Incident Coronary Heart Disease. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 627-635	27.4	117
280	Association of Cardiovascular Biomarkers With Incident Heart Failure With Preserved and Reduced Ejection Fraction. <i>JAMA Cardiology</i> , 2018 , 3, 215-224	16.2	115

279	Metabolomic Profiles of Body Mass Index in the Framingham Heart Study Reveal Distinct Cardiometabolic Phenotypes. <i>PLoS ONE</i> , 2016 , 11, e0148361	3.7	115
278	Aptamer-Based Proteomic Profiling Reveals Novel Candidate Biomarkers and Pathways in Cardiovascular Disease. <i>Circulation</i> , 2016 , 134, 270-85	16.7	114
277	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	5.6	114
276	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	3.9	112
275	Relation of multiple inflammatory biomarkers to incident atrial fibrillation. <i>American Journal of Cardiology</i> , 2009 , 104, 92-6	3	109
274	Low plasma level of atrial natriuretic peptide predicts development of diabetes: the prospective Malmo Diet and Cancer study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 638-45	5.6	105
273	Metabolite profiles during oral glucose challenge. <i>Diabetes</i> , 2013 , 62, 2689-98	0.9	104
272	Validation of an atrial fibrillation risk algorithm in whites and African Americans. <i>Archives of Internal Medicine</i> , 2010 , 170, 1909-17		104
271	Early repolarization pattern in competitive athletes: clinical correlates and the effects of exercise training. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011 , 4, 432-40	6.4	102
270	Potential Impact and Study Considerations of Metabolomics in Cardiovascular Health and Disease: A Scientific Statement From the American Heart Association. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		101
269	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	3	101
268	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	16.7	99
267	Influence of sex and hormone status on circulating natriuretic peptides. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 618-26	15.1	98
266	Research Priorities for Heart Failure With Preserved Ejection Fraction: National Heart, Lung, and Blood Institute Working Group Summary. <i>Circulation</i> , 2020 , 141, 1001-1026	16.7	95
265	Multimarker approach for the prediction of heart failure incidence in the community. <i>Circulation</i> , 2010 , 122, 1700-6	16.7	94
264	Genome-wide association with select biomarker traits in the Framingham Heart Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S11	2.1	94
263	Prevalence and prognostic impact of subclinical cardiovascular disease in individuals with the metabolic syndrome and diabetes. <i>Diabetes</i> , 2007 , 56, 1718-26	0.9	92
262	Atrial natriuretic peptide is negatively regulated by microRNA-425. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3378-82	15.9	92

261	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>Alzheimer's and Dementia</i> , 2018 , 14, 723-733	1.2	90
260	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		90
259	Multimarker approach to evaluate correlates of vascular stiffness: the Framingham Heart Study. <i>Circulation</i> , 2009 , 119, 37-43	16.7	89
258	Common genetic variation at the IL1RL1 locus regulates IL-33/ST2 signaling. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4208-18	15.9	87
257	Cross-sectional relations of multiple biomarkers from distinct biological pathways to brachial artery endothelial function. <i>Circulation</i> , 2006 , 113, 938-45	16.7	86
256	A utilization management intervention to reduce unnecessary testing in the coronary care unit. <i>Archives of Internal Medicine</i> , 2002 , 162, 1885-90		86
255	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	15.1	83
254	Electrocardiographic QRS duration and the risk of congestive heart failure: the Framingham Heart Study. <i>Hypertension</i> , 2006 , 47, 861-7	8.5	82
253	Distinct metabolomic signatures are associated with longevity in humans. <i>Nature Communications</i> , 2015 , 6, 6791	17.4	81
252	Clinical and genetic correlates of growth differentiation factor 15 in the community. <i>Clinical Chemistry</i> , 2012 , 58, 1582-91	5.5	81
251	Calcium intake is not associated with increased coronary artery calcification: the Framingham Study. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 1274-80	7	80
250	Metabolite Profiles of Diabetes Incidence and Intervention Response in the Diabetes Prevention Program. <i>Diabetes</i> , 2016 , 65, 1424-33	0.9	79
249	A multi-marker approach to predict incident CKD and microalbuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2010 , 21, 2143-9	12.7	79
248	Cardiac transplantation followed by dose-intensive melphalan and autologous stem-cell transplantation for light chain amyloidosis and heart failure. <i>Transplantation</i> , 2010 , 90, 905-11	1.8	79
247	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	2.1	79
246	Antecedent blood pressure, body mass index, and the risk of incident heart failure in later life. <i>Hypertension</i> , 2007 , 50, 869-76	8.5	79
245	Heritability and genetic linkage of plasma natriuretic peptide levels. <i>Circulation</i> , 2003 , 108, 13-6	16.7	79
244	Vitamin D therapy in individuals with prehypertension or hypertension: the DAYLIGHT trial. <i>Circulation</i> , 2015 , 131, 254-62	16.7	78

243	SAT-080 Dexamethasone Administration Stimulates Acute Increases in Natriuretic Peptides in Humans: A Potential Diagnostic Test for "Natriuretic Peptide Hormone Deficiency"? <i>Journal of the Endocrine Society</i> , 2019 , 3,	0.4	78
242	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	3	77
241	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. <i>American Journal of Human Genetics</i> , 2017 , 101, 227-238	11	76
240	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	3	74
239	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	3	74
238	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	6	73
237	Plasma leptin levels and incidence of heart failure, cardiovascular disease, and total mortality in elderly individuals. <i>Diabetes Care</i> , 2009 , 32, 612-6	14.6	73
236	Vitamin D and Cardiovascular Disease. <i>Annual Review of Medicine</i> , 2016 , 67, 261-72	17.4	72
235	Association of Serum Vitamin D with the Risk of Incident Dementia and Subclinical Indices of Brain Aging: The Framingham Heart Study. <i>Journal of Alzheimer's Disease</i> , 2016 , 51, 451-61	4.3	72
234	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	12.3	71
233	Dimethylguanidino valeric acid is a marker of liver fat and predicts diabetes. <i>Journal of Clinical Investigation</i> , 2017 , 127, 4394-4402	15.9	71
232	Biomarkers of cardiovascular stress and incident chronic kidney disease. <i>Clinical Chemistry</i> , 2013 , 59, 1613-20	5.5	70
231	Performance of the 2010 European Society of Cardiology criteria for ECG interpretation in athletes. <i>Heart</i> , 2011 , 97, 1573-7	5.1	70
230	Genome-wide association study of electrocardiographic and heart rate variability traits: the Framingham Heart Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S7	2.1	70
229	Higher Aortic Stiffness Is Related to Lower Cerebral Blood Flow and Preserved Cerebrovascular Reactivity in Older Adults. <i>Circulation</i> , 2018 , 138, 1951-1962	16.7	68
228	Metabolite traits and genetic risk provide complementary information for the prediction of future type 2 diabetes. <i>Diabetes Care</i> , 2014 , 37, 2508-14	14.6	67
227	Metabolomics insights into early type 2 diabetes pathogenesis and detection in individuals with normal fasting glucose. <i>Diabetologia</i> , 2018 , 61, 1315-1324	10.3	66
226	Serum gamma-glutamyl transferase and risk of heart failure in the community. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 1855-60	9.4	66

225	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		66
224	Nutrigenomics, the Microbiome, and Gene-Environment Interactions: New Directions in Cardiovascular Disease Research, Prevention, and Treatment: A Scientific Statement From the American Heart Association. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 291-313		66
223	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	65
222	Challenges in translating plasma proteomics from bench to bedside: update from the NHLBI Clinical Proteomics Programs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008 , 295, L16-22	5.8	65
221	Polypill for Cardiovascular Disease Prevention in an Underserved Population. <i>New England Journal of Medicine</i> , 2019 , 381, 1114-1123	59.2	64
220	Biomarkers and cardiovascular risk assessment for primary prevention: an update. <i>Clinical Chemistry</i> , 2012 , 58, 72-82	5.5	64
219	Blood pressure and left ventricular hypertrophy during American-style football participation. <i>Circulation</i> , 2013 , 128, 524-31	16.7	64
218	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	4.9	63
217	Multiple inflammatory biomarkers in relation to cardiovascular events and mortality in the community. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1728-33	9.4	63
216	Preload dependency of left ventricular torsion: the impact of normal saline infusion. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 672-8	3.9	63
215	Racial differences in the prevalence of severe aortic stenosis. <i>Journal of the American Heart Association</i> , 2014 , 3, e000879	6	61
214	The epidemiology of congestive heart failure: the Framingham Heart Study perspective. <i>Global Heart</i> , 2013 , 8, 77-82	2.9	61
213	Risk assessment for incident heart failure in individuals with atrial fibrillation. <i>European Journal of Heart Failure</i> , 2013 , 15, 843-9	12.3	60
212	B-Type Natriuretic Peptide Levels and Mortality in Patients With and Without Heart Failure. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 2079-2088	15.1	58
211	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	6	58
210	Relations of biomarkers representing distinct biological pathways to left ventricular geometry. <i>Circulation</i> , 2008 , 118, 2252-8, 5p following 2258	16.7	57
209	The Vasculature in Prediabetes. <i>Circulation Research</i> , 2018 , 122, 1135-1150	15.7	56
208	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	5.6	56

207	Plasma brain natriuretic peptide levels and blood pressure tracking in the Framingham Heart Study. <i>Hypertension</i> , 2003 , 41, 978-83	8.5	56
206	Circulating CD34(+) progenitor cell frequency is associated with clinical and genetic factors. <i>Blood</i> , 2013 , 121, e50-6	2.2	55
205	Lack of association between serum magnesium and the risks of hypertension and cardiovascular disease. <i>American Heart Journal</i> , 2010 , 160, 715-20	4.9	53
204	Association of amine biomarkers with incident dementia and Alzheimer's disease in the Framingham Study. <i>Alzheimer's and Dementia</i> , 2017 , 13, 1327-1336	1.2	52
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200	Multimodality Strategy for Cardiovascular Risk Assessment: Performance in 2 Population-Based Cohorts. <i>Circulation</i> , 2017 , 135, 2119-2132	16.7	51
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193	Branched chain and aromatic amino acids change acutely following two medical therapies for type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 1772-8	12.7	48
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183	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	3.1	44
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175	Vitamin D and cardiovascular risk. <i>Current Hypertension Reports</i> , 2012 , 14, 209-18	4.7	40
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163	Vitamin D and cardiovascular disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2011 , 20, 345-53	3.5	33
162	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	4.9	33
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156	Measurement of multiple biomarkers in advanced stage heart failure patients treated with pulmonary artery catheter guided therapy. <i>Critical Care</i> , 2012 , 16, R135	10.8	28
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151	Association of parental obesity with concentrations of select systemic biomarkers in nonobese offspring: the Framingham Heart Study. <i>Diabetes</i> , 2009 , 58, 134-7	0.9	26
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137	Green tea consumption and risk of type 2 diabetes in Chinese adults: the Shanghai Women's Health Study and the Shanghai Men's Health Study. <i>International Journal of Epidemiology</i> , 2018 , 47, 1887-1896	7.8	22
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130	Association of parental hypertension with concentrations of select biomarkers in nonhypertensive offspring. <i>Hypertension</i> , 2008 , 52, 381-6	8.5	20
129	Association of Dimethylguanidino Valeric Acid With Partial Resistance to Metabolic Health Benefits of Regular Exercise. <i>JAMA Cardiology</i> , 2019 , 4, 636-643	16.2	19
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108	Racial Differences in Electrocardiographic Characteristics and Prognostic Significance in Whites Versus Asians. <i>Journal of the American Heart Association</i> , 2016 , 5, e002956	6	15
107	Evolving techniques for endoscopic retrograde cholangiopancreatography in gastric bypass patients. <i>Current Opinion in Gastroenterology</i> , 2018 , 34, 444-450	3	15
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90	Effects of subacute dietary salt intake and acute volume expansion on diastolic function in young normotensive individuals. <i>European Heart Journal Cardiovascular Imaging</i> , 2013 , 14, 1092-8	4.1	11
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60	Combining Biomarkers and Imaging for Short-Term Assessment of Cardiovascular Disease Risk in Apparently Healthy Adults. <i>Journal of the American Heart Association</i> , 2020 , 9, e015410	6	6
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56	Metabolomic Profiles and Heart Failure Risk in Black Adults: Insights From the Jackson Heart Study. <i>Circulation: Heart Failure</i> , 2021 , 14, e007275	7.6	6
55	Prognostic Significance of Early Rehospitalization After Takotsubo Cardiomyopathy. <i>American Journal of Cardiology</i> , 2017 , 119, 1572-1575	3	5
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44	ADAMTSL2 protein and a soluble biomarker signature identify at-risk non-alcoholic steatohepatitis and fibrosis in adults with NAFLD. <i>Journal of Hepatology</i> , 2021 ,	13.4	4
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