

John Jeffrey Carr

List of Publications by Citations

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430
papers

22,863
citations

68
h-index

137
g-index

463
ext. papers

26,697
ext. citations

6.6
avg. IF

6.47
L-index

#	Paper	IF	Citations
430	Coronary calcium as a predictor of coronary events in four racial or ethnic groups. <i>New England Journal of Medicine</i> , 2008 , 358, 1336-45	59.2	1988
429	Assessment of coronary artery disease by cardiac computed tomography: a scientific statement from the American Heart Association Committee on Cardiovascular Imaging and Intervention, Council on Cardiovascular Radiology and Intervention, and Committee on Cardiac Imaging, Council on Clinical Cardiology. <i>Circulation</i> , 2006 , 114, 1761-91	16.7	1069
428	Comparison of novel risk markers for improvement in cardiovascular risk assessment in intermediate-risk individuals. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 788-95	27.4	711
427	Calcified coronary artery plaque measurement with cardiac CT in population-based studies: standardized protocol of Multi-Ethnic Study of Atherosclerosis (MESA) and Coronary Artery Risk Development in Young Adults (CARDIA) study. <i>Radiology</i> , 2005 , 234, 35-43	20.5	659
426	Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. <i>PLoS Genetics</i> , 2011 , 7, e1001324	6	629
425	Estrogen therapy and coronary-artery calcification. <i>New England Journal of Medicine</i> , 2007 , 356, 2591-603	39.2	532
424	Effects of intensive diet and exercise on knee joint loads, inflammation, and clinical outcomes among overweight and obese adults with knee osteoarthritis: the IDEA randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 1263-73	27.4	459
423	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
422	Obesity, inflammation, and the gut microbiota. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 207-15	18.1	405
421	Percent emphysema, airflow obstruction, and impaired left ventricular filling. <i>New England Journal of Medicine</i> , 2010 , 362, 217-27	59.2	396
420	Ionizing radiation in cardiac imaging: a science advisory from the American Heart Association Committee on Cardiac Imaging of the Council on Clinical Cardiology and Committee on Cardiovascular Imaging and Intervention of the Council on Cardiovascular Radiology and Intervention. <i>Circulation</i> , 2009 , 119, 1056-65	16.7	396
419	Calcium density of coronary artery plaque and risk of incident cardiovascular events. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 271-8	27.4	351
418	10-Year Coronary Heart Disease Risk Prediction Using Coronary Artery Calcium and Traditional Risk Factors: Derivation in the MESA (Multi-Ethnic Study of Atherosclerosis) With Validation in the HNR (Heinz Nixdorf Recall) Study and the DHS (Dallas Heart Study). <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1643-53	15.1	324
417	The association of pericardial fat with incident coronary heart disease: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 499-504	7	322
416	Impact of abdominal visceral and subcutaneous adipose tissue on cardiometabolic risk factors: the Jackson Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 5419-26	5.6	318
415	Adiponectin as a novel determinant of bone mineral density and visceral fat. <i>Bone</i> , 2003 , 33, 646-51	4.7	240
414	Coronary calcium measurements: effect of CT scanner type and calcium measure on rescan reproducibility--MESA study. <i>Radiology</i> , 2005 , 236, 477-84	20.5	233

413	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 expert consensus document on coronary computed tomographic angiography: a report of the American College of Cardiology Foundation Task Force on Expert Consensus Documents. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 2663-99	15.1	219
412	Prevalence and progression of subclinical atherosclerosis in younger adults with low short-term but high lifetime estimated risk for cardiovascular disease: the coronary artery risk development in young adults study and multi-ethnic study of atherosclerosis. <i>Circulation</i> , 2009 , 119, 382-9	16.7	215
411	Ten-year association of coronary artery calcium with atherosclerotic cardiovascular disease (ASCVD) events: the multi-ethnic study of atherosclerosis (MESA). <i>European Heart Journal</i> , 2018 , 39, 2401-2408 ²⁰⁶	9.5	206
410	Genome-wide association for abdominal subcutaneous and visceral adipose reveals a novel locus for visceral fat in women. <i>PLoS Genetics</i> , 2012 , 8, e1002695	6	199
409	Evaluation of subsecond gated helical CT for quantification of coronary artery calcium and comparison with electron beam CT. <i>American Journal of Roentgenology</i> , 2000 , 174, 915-21	5.4	199
408	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018 , 50, 26-41	36.3	186
407	Utility of Nontraditional Risk Markers in Atherosclerotic Cardiovascular Disease Risk Assessment. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 139-147	15.1	161
406	Association of nonalcoholic fatty liver disease with subclinical myocardial remodeling and dysfunction: A population-based study. <i>Hepatology</i> , 2015 , 62, 773-83	11.2	157
405	Trans fat diet induces abdominal obesity and changes in insulin sensitivity in monkeys. <i>Obesity</i> , 2007 , 15, 1675-84	8	154
404	Association of Coronary Artery Calcium in Adults Aged 32 to 46 Years With Incident Coronary Heart Disease and Death. <i>JAMA Cardiology</i> , 2017 , 2, 391-399	16.2	153
403	Hepatic steatosis and subclinical cardiovascular disease in a cohort enriched for type 2 diabetes: the Diabetes Heart Study. <i>American Journal of Gastroenterology</i> , 2008 , 103, 3029-35	0.7	145
402	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 expert consensus document on coronary computed tomographic angiography: a report of the American College of Cardiology Foundation Task Force on Expert Consensus Documents. <i>Circulation</i> , 2010 , 121, 2509-43	16.7	139
401	Heritability of carotid artery intima-medial thickness in type 2 diabetes. <i>Stroke</i> , 2002 , 33, 1876-81	6.7	138
400	Familial aggregation of coronary artery calcium in families with type 2 diabetes. <i>Diabetes</i> , 2001 , 50, 861-6.9	6.9	137
399	Association between duration of overall and abdominal obesity beginning in young adulthood and coronary artery calcification in middle age. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 280-8	27.4	125
398	Effect of exercise intensity on abdominal fat loss during calorie restriction in overweight and obese postmenopausal women: a randomized, controlled trial. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1043-52	7	125
397	Thoracic aortic calcification and coronary heart disease events: the multi-ethnic study of atherosclerosis (MESA). <i>Atherosclerosis</i> , 2011 , 215, 196-202	3.1	124
396	Association of coronary artery and aortic calcium with lumbar bone density: the MESA Abdominal Aortic Calcium Study. <i>American Journal of Epidemiology</i> , 2009 , 169, 186-94	3.8	124

395	Pericardial and visceral adipose tissues measured volumetrically with computed tomography are highly associated in type 2 diabetic families. <i>Investigative Radiology</i> , 2005 , 40, 97-101	10.1	116
394	The association of pericardial fat with calcified coronary plaque. <i>Obesity</i> , 2008 , 16, 1914-9	8	114
393	Associations between nonalcoholic fatty liver disease and subclinical atherosclerosis in middle-aged adults: the Coronary Artery Risk Development in Young Adults Study. <i>Atherosclerosis</i> , 2014 , 235, 599-605	3.1	106
392	Subclinical atherosclerosis, airflow obstruction and emphysema: the MESA Lung Study. <i>European Respiratory Journal</i> , 2012 , 39, 846-54	13.6	106
391	Prehypertension during young adulthood and coronary calcium later in life. <i>Annals of Internal Medicine</i> , 2008 , 149, 91-9	8	106
390	Metabolic syndrome, diabetes, and incidence and progression of coronary calcium: the Multiethnic Study of Atherosclerosis study. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 358-66	8.4	105
389	Aging-related geniohyoid muscle atrophy is related to aspiration status in healthy older adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 853-60	6.4	103
388	Dietary linolenic acid is inversely associated with calcified atherosclerotic plaque in the coronary arteries: the National Heart, Lung, and Blood Institute Family Heart Study. <i>Circulation</i> , 2005 , 111, 2921-6	16.7	103
387	Patient-centered imaging: shared decision making for cardiac imaging procedures with exposure to ionizing radiation. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1480-9	15.1	97
386	Reproducibility of CT measurements of aortic valve calcification, mitral annulus calcification, and aortic wall calcification in the multi-ethnic study of atherosclerosis. <i>Academic Radiology</i> , 2006 , 13, 166-72	4.3	96
385	Microbiota-Dependent Metabolite Trimethylamine N-Oxide and Coronary Artery Calcium in the Coronary Artery Risk Development in Young Adults Study (CARDIA). <i>Journal of the American Heart Association</i> , 2016 , 5,	6	92
384	Characterization of European ancestry nonalcoholic fatty liver disease-associated variants in individuals of African and Hispanic descent. <i>Hepatology</i> , 2013 , 58, 966-75	11.2	91
383	Pericardial adipose tissue, atherosclerosis, and cardiovascular disease risk factors: the Jackson heart study. <i>Diabetes Care</i> , 2010 , 33, 1635-9	14.6	91
382	Calcium/vitamin D supplementation and coronary artery calcification in the Women's Health Initiative. <i>Menopause</i> , 2010 , 17, 683-91	2.5	91
381	Aortic valve calcium independently predicts coronary and cardiovascular events in a primary prevention population. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 619-25	8.4	88
380	Normal left ventricular myocardial thickness for middle-aged and older subjects with steady-state free precession cardiac magnetic resonance: the multi-ethnic study of atherosclerosis. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 500-8	3.9	88
379	Approaches to enhancing radiation safety in cardiovascular imaging: a scientific statement from the American Heart Association. <i>Circulation</i> , 2014 , 130, 1730-48	16.7	87
378	Association of Fitness in Young Adulthood With Survival and Cardiovascular Risk: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. <i>JAMA Internal Medicine</i> , 2016 , 176, 87-95	11.5	86

377	Fatty liver, abdominal visceral fat, and cardiometabolic risk factors: the Jackson Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2715-22	9.4	83
376	Multiethnic genome-wide meta-analysis of ectopic fat depots identifies loci associated with adipocyte development and differentiation. <i>Nature Genetics</i> , 2017 , 49, 125-130	36.3	80
375	Vitamin d, adiposity, and calcified atherosclerotic plaque in african-americans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 1076-83	5.6	80
374	Heritability of body composition measured by DXA in the diabetes heart study. <i>Obesity</i> , 2005 , 13, 312-9		79
373	Coronary calcium coverage score: determination, correlates, and predictive accuracy in the Multi-Ethnic Study of Atherosclerosis. <i>Radiology</i> , 2008 , 247, 669-75	20.5	78
372	Measuring coronary calcium on CT images adjusted for attenuation differences. <i>Radiology</i> , 2005 , 235, 403-14	20.5	78
371	Effects of resistance training with and without caloric restriction on physical function and mobility in overweight and obese older adults: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 991-9	7	77
370	Genome-wide study of percent emphysema on computed tomography in the general population. The Multi-Ethnic Study of Atherosclerosis Lung/SNP Health Association Resource Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 408-18	10.2	77
369	Variation in the percent of emphysema-like lung in a healthy, nonsmoking multiethnic sample. The MESA lung study. <i>Annals of the American Thoracic Society</i> , 2014 , 11, 898-907	4.7	77
368	Coronary calcium score predicts cardiovascular mortality in diabetes: diabetes heart study. <i>Diabetes Care</i> , 2013 , 36, 972-7	14.6	77
367	Relationships of thoracic aortic wall calcification to cardiovascular risk factors: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>American Heart Journal</i> , 2008 , 155, 765-71	4.9	76
366	Reproducibility and validity of lung density measures from cardiac CT Scans--The Multi-Ethnic Study of Atherosclerosis (MESA) Lung Study. <i>Academic Radiology</i> , 2009 , 16, 689-99	4.3	73
365	Changes in cardiovascular calcification after parathyroidectomy in patients with ESRD. <i>American Journal of Kidney Diseases</i> , 2005 , 46, 464-9	7.4	72
364	Prognosis of individuals with asymptomatic left ventricular systolic dysfunction in the multi-ethnic study of atherosclerosis (MESA). <i>Circulation</i> , 2012 , 126, 2713-9	16.7	70
363	Association of obesity in early adulthood and middle age with incipient left ventricular dysfunction and structural remodeling: the CARDIA study (Coronary Artery Risk Development in Young Adults). <i>JACC: Heart Failure</i> , 2014 , 2, 500-8	7.9	69
362	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
361	Effect of simvastatin (80 mg) on coronary and abdominal aortic arterial calcium (from the coronary artery calcification treatment with zocor [CATZ] study). <i>American Journal of Cardiology</i> , 2007 , 99, 1714-7 ³		68
360	Adipose tissue density, a novel biomarker predicting mortality risk in older adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 109-17	6.4	67

359	Less favorable body composition and adipokines in South Asians compared with other US ethnic groups: results from the MASALA and MESA studies. <i>International Journal of Obesity</i> , 2016 , 40, 639-45	5.5	66
358	Reproducibility of coronary artery calcified plaque with cardiac 64-MDCT: the Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Roentgenology</i> , 2009 , 192, 613-7	5.4	66
357	The impact of ethnicity and sex on subclinical cardiovascular disease: the Diabetes Heart Study. <i>Diabetologia</i> , 2005 , 48, 2511-8	10.3	66
356	Deep Learning for Automatic Calcium Scoring in CT: Validation Using Multiple Cardiac CT and Chest CT Protocols. <i>Radiology</i> , 2020 , 295, 66-79	20.5	64
355	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018 , 9, 5141	17.4	64
354	Risk factor differences for aortic versus coronary calcified atherosclerosis: the multiethnic study of atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2289-96	9.4	63
353	Association between non-subcutaneous adiposity and calcified coronary plaque: a substudy of the Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 645-50	7	63
352	Relation of retinopathy to coronary artery calcification: the multi-ethnic study of atherosclerosis. <i>American Journal of Epidemiology</i> , 2008 , 167, 51-8	3.8	63
351	Genetics of coronary artery calcification among African Americans, a meta-analysis. <i>BMC Medical Genetics</i> , 2013 , 14, 75	2.1	62
350	Association between emphysema-like lung on cardiac computed tomography and mortality in persons without airflow obstruction: a cohort study. <i>Annals of Internal Medicine</i> , 2014 , 161, 863-73	8	61
349	Utility of Nontraditional Risk Markers in Individuals Ineligible for Statin Therapy According to the 2013 American College of Cardiology/American Heart Association Cholesterol Guidelines. <i>Circulation</i> , 2015 , 132, 916-22	16.7	60
348	APOL1 associations with nephropathy, atherosclerosis, and all-cause mortality in African Americans with type 2 diabetes. <i>Kidney International</i> , 2015 , 87, 176-81	9.9	60
347	Fatty liver, abdominal adipose tissue and atherosclerotic calcification in African Americans: the Jackson Heart Study. <i>Atherosclerosis</i> , 2012 , 224, 521-5	3.1	60
346	Coincident linkage of type 2 diabetes, metabolic syndrome, and measures of cardiovascular disease in a genome scan of the diabetes heart study. <i>Diabetes</i> , 2006 , 55, 1985-94	0.9	60
345	Heart rate-corrected QT interval is an independent predictor of all-cause and cardiovascular mortality in individuals with type 2 diabetes: the Diabetes Heart Study. <i>Diabetes Care</i> , 2014 , 37, 1454-61	14.6	59
344	Relationship between baseline coronary calcium score and demonstration of coronary artery stenoses during follow-up MESA (Multi-Ethnic Study of Atherosclerosis). <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 1175-83	8.4	59
343	Percent emphysema and right ventricular structure and function: the Multi-Ethnic Study of Atherosclerosis-Lung and Multi-Ethnic Study of Atherosclerosis-Right Ventricle Studies. <i>Chest</i> , 2013 , 144, 136-144	5.3	58
342	Coronary calcium score and prediction of all-cause mortality in diabetes: the diabetes heart study. <i>Diabetes Care</i> , 2011 , 34, 1219-24	14.6	58

341	Relationship between coronary artery and descending thoracic aortic calcification as detected by computed tomography: the Multi-Ethnic Study of Atherosclerosis. <i>Atherosclerosis</i> , 2009 , 204, 440-6	3.1	57
340	Adverse Left Ventricular Remodeling and Age Assessed with Cardiac MR Imaging: The Multi-Ethnic Study of Atherosclerosis. <i>Radiology</i> , 2016 , 278, 714-22	20.5	55
339	Coronary artery atherosclerosis is related to reduced regional left ventricular function in individuals without history of clinical cardiovascular disease: the Multiethnic Study of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 206-11	9.4	55
338	Relationship between albuminuria and cardiovascular disease in Type 2 diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 2156-61	12.7	54
337	Plasma total homocysteine levels and cranial magnetic resonance imaging findings in elderly persons: the Cardiovascular Health Study. <i>Archives of Neurology</i> , 2004 , 61, 67-72		53
336	Calcified atherosclerotic plaque and bone mineral density in type 2 diabetes: the diabetes heart study. <i>Bone</i> , 2008 , 42, 43-52	4.7	52
335	Genome-wide association studies suggest sex-specific loci associated with abdominal and visceral fat. <i>International Journal of Obesity</i> , 2016 , 40, 662-74	5.5	51
334	Circulating soluble intercellular adhesion molecule 1 and subclinical atherosclerosis: the Coronary Artery Risk Development in Young Adults Study. <i>Clinical Chemistry</i> , 2012 , 58, 411-20	5.5	51
333	Genetic analysis of the soluble epoxide hydrolase gene, EPHX2, in subclinical cardiovascular disease in the Diabetes Heart Study. <i>Diabetes and Vascular Disease Research</i> , 2008 , 5, 128-34	3.3	51
332	Nonalcoholic Fatty Liver Disease and Incident Cardiac Events: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1965-6	15.1	51
331	Gestational Diabetes Mellitus Is Strongly Associated With Non-Alcoholic Fatty Liver Disease. <i>American Journal of Gastroenterology</i> , 2016 , 111, 658-64	0.7	49
330	Prospective association of serum androgens and sex hormone-binding globulin with subclinical cardiovascular disease in young adult women: the "Coronary Artery Risk Development in Young Adults" women's study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 4424-31	5.6	49
329	Prediction of cardiac events in patients with reduced left ventricular ejection fraction with dobutamine cardiovascular magnetic resonance assessment of wall motion score index. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 279-86	15.1	49
328	Measurement of trabecular bone mineral density in the thoracic spine using cardiac gated quantitative computed tomography. <i>Journal of Computer Assisted Tomography</i> , 2004 , 28, 134-9	2.2	49
327	The Intensive Diet and Exercise for Arthritis (IDEA) trial: 18-month radiographic and MRI outcomes. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 1090-8	6.2	48
326	Standardized medical terminology for cardiac computed tomography: a report of the Society of Cardiovascular Computed Tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2011 , 5, 136-44	2.8	48
325	Coffee, decaffeinated coffee, caffeine, and tea consumption in young adulthood and atherosclerosis later in life: the CARDIA study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2059-66	9.4	48
324	Economic Outcomes With Anatomical Versus Functional Diagnostic Testing for Coronary Artery Disease. <i>Annals of Internal Medicine</i> , 2016 , 165, 94-102	8	45

323	Oophorectomy, hormone therapy, and subclinical coronary artery disease in women with hysterectomy: the Women's Health Initiative coronary artery calcium study. <i>Menopause</i> , 2008 , 15, 639-47	2.5	44
322	Per cent emphysema is associated with respiratory and lung cancer mortality in the general population: a cohort study. <i>Thorax</i> , 2016 , 71, 624-32	7.3	44
321	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019 , 51, 452-469	36.3	44
320	Subclinical atherosclerotic calcification and cognitive functioning in middle-aged adults: the CARDIA study. <i>Atherosclerosis</i> , 2013 , 231, 72-7	3.1	42
319	PNPLA3 gene-by-visceral adipose tissue volume interaction and the pathogenesis of fatty liver disease: the NHLBI family heart study. <i>International Journal of Obesity</i> , 2013 , 37, 432-8	5.5	42
318	Bone mineral density and atherosclerosis: the Multi-Ethnic Study of Atherosclerosis, Abdominal Aortic Calcium Study. <i>Atherosclerosis</i> , 2010 , 209, 283-9	3.1	42
317	Genome-wide association of pericardial fat identifies a unique locus for ectopic fat. <i>PLoS Genetics</i> , 2012 , 8, e1002705	6	42
316	Effect of scanner type on the reproducibility of extracoronary measures of calcification: the multi-ethnic study of atherosclerosis. <i>Academic Radiology</i> , 2007 , 14, 1043-9	4.3	42
315	Relation of the metabolic syndrome to calcified atherosclerotic plaque in the coronary arteries and aorta. <i>American Journal of Cardiology</i> , 2005 , 95, 1180-6	3	42
314	Admixture mapping of coronary artery calcified plaque in African Americans with type 2 diabetes mellitus. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 97-105		41
313	Association between coronary artery calcification progression and microalbuminuria: the MESA study. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 595-604	8.4	41
312	Relationship of aortic valve calcification with coronary artery calcium severity: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Cardiovascular Computed Tomography</i> , 2010 , 4, 41-6	2.8	41
311	A comparison of risk factors for calcified atherosclerotic plaque in the coronary, carotid, and abdominal aortic arteries: the diabetes heart study. <i>American Journal of Epidemiology</i> , 2007 , 166, 340-7	3.8	41
310	Upper Respiratory Symptoms, Gut Health and Mucosal Immunity in Athletes. <i>Sports Medicine</i> , 2018 , 48, 65-77	10.6	40
309	Genetic analysis of haptoglobin polymorphisms with cardiovascular disease and type 2 diabetes in the Diabetes Heart Study. <i>Cardiovascular Diabetology</i> , 2013 , 12, 31	8.7	40
308	Polymorphisms in the Selenoprotein S gene and subclinical cardiovascular disease in the Diabetes Heart Study. <i>Acta Diabetologica</i> , 2013 , 50, 391-9	3.9	40
307	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		40
306	The ERLIN1-CHUK-CWF19L1 gene cluster influences liver fat deposition and hepatic inflammation in the NHLBI Family Heart Study. <i>Atherosclerosis</i> , 2013 , 228, 175-80	3.1	40

305	Imaging of infective endocarditis with cardiac CT angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2012 , 6, 399-405	2.8	40
304	Coronary artery calcium outperforms carotid artery intima-media thickness as a noninvasive index of prevalent coronary artery stenosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 1723-8 ^{9.4}	8.4	40
303	Duration of Diabetes and Prediabetes During Adulthood and Subclinical Atherosclerosis and Cardiac Dysfunction in Middle Age: The CARDIA Study. <i>Diabetes Care</i> , 2018 , 41, 731-738	14.6	39
302	Associations among lung function, arterial elasticity, and circulating endothelial and inflammation markers: the multiethnic study of atherosclerosis. <i>Hypertension</i> , 2013 , 61, 542-8	8.5	39
301	Bone morphogenetic protein 7 (BMP7) gene polymorphisms are associated with inverse relationships between vascular calcification and BMD: the Diabetes Heart Study. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 1719-27	6.3	39
300	Association of alpha2-Heremans-Schmid glycoprotein polymorphisms with subclinical atherosclerosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 345-52	5.6	39
299	Matrix Gla protein and osteopontin genetic associations with coronary artery calcification and bone density: the CARDIA study. <i>Human Genetics</i> , 2005 , 116, 525-8	6.3	39
298	Adjuvant adenoidectomy in persistent bilateral otitis media with effusion: hearing and revision surgery outcomes through 2 years in the TARGET randomised trial. <i>Clinical Otolaryngology</i> , 2012 , 37, 107-16	1.8	38
297	Alcohol Use and Cardiovascular Disease Risk in Patients With Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2017 , 153, 1260-1272.e3	13.3	38
296	Pathobiological Determinants of Atherosclerosis in Youth (PDAY) Risk Score in Young Adults Predicts Coronary Artery and Abdominal Aorta Calcium in Middle Age: The CARDIA Study. <i>Circulation</i> , 2016 , 133, 139-46	16.7	37
295	Coronary calcium scans and radiation exposure in the multi-ethnic study of atherosclerosis. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 525-9	2.5	37
294	Sclerostin is positively associated with bone mineral density in men and women and negatively associated with carotid calcified atherosclerotic plaque in men from the African American-Diabetes Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 315-21	5.6	37
293	Pericardial adipose tissue and coronary artery calcification in the Multi-ethnic Study of Atherosclerosis (MESA). <i>Obesity</i> , 2013 , 21, 1056-63	8	37
292	ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 expert consensus document on coronary computed tomographic angiography: a report of the American College of Cardiology Foundation Task Force on Expert Consensus Documents. <i>Catheterization and Cardiovascular Interventions</i> , 2010 , 76, E1-42	2.7	37
291	Race-specific relationships between coronary and carotid artery calcification and carotid intimal medial thickness. <i>Stroke</i> , 2004 , 35, e97-9	6.7	37
290	Ideal Cardiovascular Health, Cardiovascular Remodeling, and Heart Failure in Blacks: The Jackson Heart Study. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	36
289	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. <i>Circulation</i> , 2017 , 135, 2336-2353	16.7	36
288	Strength Training for Arthritis Trial (START): design and rationale. <i>BMC Musculoskeletal Disorders</i> , 2013 , 14, 208	2.8	36

287	Genetic epidemiology of subclinical cardiovascular disease in the diabetes heart study. <i>Annals of Human Genetics</i> , 2008 , 72, 598-610	2.2	35
286	Longitudinal Association of Non-Alcoholic Fatty Liver Disease With Changes in Myocardial Structure and Function: The CARDIA Study. <i>Journal of the American Heart Association</i> , 2020 , 9, e014279	6	35
285	Hemoglobin a1c and the progression of coronary artery calcification among adults without diabetes. <i>Diabetes Care</i> , 2015 , 38, 66-71	14.6	34
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