Eric Sijbrands

List of Publications by Citations

506 papers	55,054 citations	97 h-index	227 g-index
553 ext. papers	64,787 ext. citations	9.7 avg, IF	6.97 L-index

#	Paper	IF	Citations
506	Analysis of protein-coding genetic variation in 60,706 humans. *Nature*, **2016**, 536, 285-91	50.4	6940
505	Biological, clinical and population relevance of 95 loci for blood lipids. *Nature*, **2010**, 466, 707-13	50.4	2742
504	Genome-wide association analysis identifies loci for type 2 diabetes and triglyceride levels. *Science*, **2007**, 316, 1331-6	33.3	2364
503	Metabolite profiles and the risk of developing diabetes. *Nature Medicine*, **2011**, 17, 448-53	50.5	2044
502	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. *Nature Genetics*, **2010**, 42, 105-16	36.3	1673
501	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. *Nature* , **2011**, 478, 103-9	50.4	1564
500	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. *Nature Genetics*, **2012**, 44, 981-90	36.3	1482
499	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. *Nature Genetics*, **2010**, 42, 579-89	36.3	1449
498	Genome-wide association study of blood pressure and hypertension. *Nature Genetics*, **2009**, 41, 677-87	36.3	1065
497	Simvastatin with or without ezetimibe in familial hypercholesterolemia. *New England Journal of Medicine*, **2008**, 358, 1431-43	59.2	986
496	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. *Nature Genetics*, **2014**, 46, 234-44	36.3	784
495	Loci influencing lipid levels and coronary heart disease risk in 16 European population cohorts. *Nature Genetics*, **2009**, 41, 47-55	36.3	708
494	The genetic architecture of type 2 diabetes. *Nature*, **2016**, 536, 41-47	50.4	704
493	TCF7L2 polymorphisms and progression to diabetes in the Diabetes Prevention Program. *New England Journal of Medicine*, **2006**, 355, 241-50	59.2	679
492	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. *Nature Genetics*, **2018**, 50, 1505-1513	36.3	675
491	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. *Nature Genetics*, **2012**, 44, 991-1005	36.3	621
490	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. *Nature Genetics*, **2012**, 44, 659-69	36.3	615

489	Genotype score in addition to common risk factors for prediction of type 2 diabetes. *New England Journal of Medicine*, **2008**, 359, 2208-19	59.2	608
488	Alcohol consumption and mortality among women. *New England Journal of Medicine*, **1995**, 332, 1245-50	59.2	586
487	Variants in MTNR1B influence fasting glucose levels. *Nature Genetics*, **2009**, 41, 77-81	36.3	584
486	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. *Nature Genetics*, **2010**, 42, 142-8	36.3	527
485	Efficacy of statins in familial hypercholesterolaemia: a long term cohort study. *BMJ, The*, **2008**, 337, a2423	39	463
484	Parental origin of sequence variants associated with complex diseases. *Nature*, **2009**, 462, 868-74	50.4	459
483	Efficacy and safety of statin therapy in children with familial hypercholesterolemia: a randomized controlled trial. *JAMA - Journal of the American Medical Association*, **2004**, 292, 331-7	27.4	415
482	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. *Diabetes*, **2017**, 66, 2888-2902	39	414
481	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
480	Meta-analysis of genome-wide association studies in >80 000 subjects identifies multiple loci for C-reactive protein levels. *Circulation*, **2011**, 123, 731-8	16.7	395
479	High serum uric acid as a novel risk factor for type 2 diabetes. *Diabetes Care*, **2008**, 31, 361-2	14.6	391
478	Review of first 5 years of screening for familial hypercholesterolaemia in the Netherlands. *Lancet, The*, **2001**, 357, 165-8	40	343
477	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. *Nature Genetics*, **2011**, 43, 1005-11	36.3	338
476	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. *PLoS Genetics*, **2012**, 8, e1002607	6	326
475	Sequence variants in SLC16A11 are a common risk factor for type 2 diabetes in Mexico. *Nature*, **2014**, 506, 97-101	50.4	323
474	Common variants at 10 genomic loci influence hemoglobin A[C) levels via glycemic and nonglycemic pathways. *Diabetes*, **2010**, 59, 3229-39	0.9	314
473	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. *Nature Genetics*, **2015**, 47, 1415-25	36.3	292
472	Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. *Diabetes*, **2011**, 60, 2624-34	0.9	285

471	Homozygous autosomal dominant hypercholesterolaemia in the Netherlands: prevalence, genotype-phenotype relationship, and clinical outcome. *European Heart Journal*, **2015**, 36, 560-5	9.5	283
470	The genetics of type 2 diabetes: what have we learned from GWAS?. *Annals of the New York Academy of Sciences*, **2010**, 1212, 59-77	6.5	264
469	Haplotype structure and genotype-phenotype correlations of the sulfonylurea receptor and the islet ATP-sensitive potassium channel gene region. *Diabetes*, **2004**, 53, 1360-8	0.9	261
468	Integrated guidance on the care of familial hypercholesterolaemia from the International FH Foundation. *International Journal of Cardiology*, **2014**, 171, 309-25	3.2	251
467	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. *Lancet Diabetes and Endocrinology,the*, **2014**, 2, 719-29	18.1	250
466	Insulin metabolism and the risk of Alzheimer disease: the Rotterdam Study. *Neurology*, **2010**, 75, 1982-7	6.5	245
465	The inherited basis of diabetes mellitus: implications for the genetic analysis of complex traits. *Annual Review of Genomics and Human Genetics*, **2003**, 4, 257-91	9.7	236
464	Impact of type 2 diabetes susceptibility variants on quantitative glycemic traits reveals mechanistic heterogeneity. *Diabetes*, **2014**, 63, 2158-71	0.9	235
463	Predicting type 2 diabetes based on polymorphisms from genome-wide association studies: a population-based study. *Diabetes*, **2008**, 57, 3122-8	0.9	231
462	Arterial intima-media thickness in children heterozygous for familial hypercholesterolaemia. *Lancet, The*, **2004**, 363, 369-70	40	230
461	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. *PLoS Medicine*, **2017**, 14, e1002383	11.6	223
460	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nature Genetics*, **2018**, 50, 559-571	36.3	221
459	Defining severe familial hypercholesterolaemia and the implications for clinical management: a consensus statement from the International Atherosclerosis Society Severe Familial Hypercholesterolemia Panel. *Lancet Diabetes and Endocrinology,the*, **2016**, 4, 850-61	18.1	215
458	Clinical Genetic Testing for Familial Hypercholesterolemia: JACC Scientific Expert Panel. *Journal of the American College of Cardiology*, **2018**, 72, 662-680	15.1	215
457	The contribution of classical risk factors to cardiovascular disease in familial hypercholesterolaemia: data in 2400 patients. *Journal of Internal Medicine*, **2004**, 256, 482-90	10.8	212
456	Detailed physiologic characterization reveals diverse mechanisms for novel genetic Loci regulating glucose and insulin metabolism in humans. *Diabetes*, **2010**, 59, 1266-75	0.9	211
455	Unfavorable cardiovascular risk profiles in untreated and treated psoriasis patients. *Atherosclerosis*, **2007**, 190, 1-9	3.1	193
454	A genome-wide association study of the human metabolome in a community-based cohort. *Cell Metabolism*, **2013**, 18, 130-43	24.6	188

453	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, **2018**, 50, 26-41	36.3	186
452	Genomic prediction of coronary heart disease. *European Heart Journal*, **2016**, 37, 3267-3278	9.5	184
451	Type 2 diabetes genetic loci informed by multi-trait associations point to disease mechanisms and subtypes: A soft clustering analysis. *PLoS Medicine*, **2018**, 15, e1002654	11.6	180
450	Carotid intima-media thickness for cardiovascular risk assessment: systematic review and meta-analysis. *Atherosclerosis*, **2013**, 228, 1-11	3.1	178
449	Genetic variation, C-reactive protein levels, and incidence of diabetes. *Diabetes*, **2007**, 56, 872-8	0.9	177
448	New susceptibility loci associated with kidney disease in type 1 diabetes. *PLoS Genetics*, **2012**, 8, e1002921	6.1	176
447	Shared constitutional risks for maternal vascular-related pregnancy complications and future cardiovascular disease. *Hypertension*, **2008**, 51, 1034-41	8.5	175
446	Genetics of diabetes mellitus and diabetes complications. *Nature Reviews Nephrology*, **2020**, 16, 377-390	14.9	172
445	CUBN is a gene locus for albuminuria. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 555-70	12.7	170
444	The importance of genetic counseling, DNA diagnostics, and cardiologic family screening in left ventricular noncompaction cardiomyopathy. *Circulation: Cardiovascular Genetics*, **2010**, 3, 232-9		168
443	Association of a low-frequency variant in HNF1A with type 2 diabetes in a Latino population. *JAMA - Journal of the American Medical Association*, **2014**, 311, 2305-14	27.4	164
442	Genetic variants at 2q24 are associated with susceptibility to type 2 diabetes. *Human Molecular Genetics*, **2010**, 19, 2706-15	5.6	164
441	Mortality over two centuries in large pedigree with familial hypercholesterolaemia: family tree mortality study. *BMJ: British Medical Journal*, **2001**, 322, 1019-23		154
440	Updated genetic score based on 34 confirmed type 2 diabetes Loci is associated with diabetes incidence and regression to normoglycemia in the diabetes prevention program. *Diabetes*, **2011**, 60, 1340-8	8.8	153
439	Prospective functional classification of all possible missense variants in PPARG. *Nature Genetics*, **2016**, 48, 1570-1575	36.3	149
438	The aging kidney revisited: a systematic review. *Ageing Research Reviews*, **2014**, 14, 65-80	12	149
437	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. *Nature Communications*, **2015**, 6, 5897	17.4	147
436	Afamelanotide for Erythropoietic Protoporphyria. *New England Journal of Medicine*, **2015**, 373, 48-59	59.2	145

435	The (in)famous GWAS P-value threshold revisited and updated for low-frequency variants. *European Journal of Human Genetics*, **2016**, 24, 1202-5	5.3	145
434	Genetic risk reclassification for type 2 diabetes by age below or above 50 years using 40 type 2 diabetes risk single nucleotide polymorphisms. *Diabetes Care*, **2011**, 34, 121-5	14.6	145
433	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. *PLoS Medicine*, **2013**, 10, e1001474	11.6	144
432	Efficacy and safety of mipomersen, an antisense inhibitor of apolipoprotein B, in hypercholesterolemic subjects receiving stable statin therapy. *Journal of the American College of Cardiology*, **2010**, 55, 1611-8	15.1	138
431	Refinement of variant selection for the LDL cholesterol genetic risk score in the diagnosis of the polygenic form of clinical familial hypercholesterolemia and replication in samples from 6 countries. *Clinical Chemistry*, **2015**, 61, 231-8	5.5	130
430	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. *Nature*, **2019**, 570, 71-76	50.4	129
429	A genome-wide association study reveals variants in ARL15 that influence adiponectin levels. *PLoS Genetics*, **2009**, 5, e1000768	6	129
428	Lifetime risk of developing impaired glucose metabolism and eventual progression from prediabetes to type 2 diabetes: a prospective cohort study. *Lancet Diabetes and Endocrinology,the*, **2016**, 4, 44-51	18.1	128
427	Clear detection of ADIPOQ locus as the major gene for plasma adiponectin: results of genome-wide association analyses including 4659 European individuals. *Atherosclerosis*, **2010**, 208, 412-20	3.1	128
426	Contrast-enhanced ultrasound imaging of the vasa vasorum: from early atherosclerosis to the identification of unstable plaques. *JACC: Cardiovascular Imaging*, **2010**, 3, 761-71	8.4	123
425	Meta-analysis of gene-environment interaction: joint estimation of SNP and SNP environment regression coefficients. *Genetic Epidemiology*, **2011**, 35, 11-8	2.6	121
424	Cholesteryl ester transfer protein inhibitor torcetrapib and off-target toxicity: a pooled analysis of the rating atherosclerotic disease change by imaging with a new CETP inhibitor (RADIANCE) trials. *Circulation*, **2008**, 118, 2515-22	16.7	121
423	Fasting and post-methionine homocysteine levels in NIDDM. Determinants and correlations with retinopathy, albuminuria, and cardiovascular disease. *Diabetes Care*, **1999**, 22, 125-32	14.6	118
422	Outcome and complications after implantable cardioverter defibrillator therapy in hypertrophic cardiomyopathy: systematic review and meta-analysis. *Circulation: Heart Failure*, **2012**, 5, 552-9	7.6	115
421	ACAT inhibition and progression of carotid atherosclerosis in patients with familial hypercholesterolemia: the CAPTIVATE randomized trial. *JAMA - Journal of the American Medical Association*, **2009**, 301, 1131-9	27.4	114
420	Effects of the type 2 diabetes-associated PPARG P12A polymorphism on progression to diabetes and response to troglitazone. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 1502-9	5.6	113
419	Interactions of dietary whole-grain intake with fasting glucose- and insulin-related genetic loci in individuals of European descent: a meta-analysis of 14 cohort studies. *Diabetes Care*, **2010**, 33, 2684-91	14.6	112
418	Family history and cardiovascular risk in familial hypercholesterolemia: data in more than 1000 children. *Circulation*, **2003**, 107, 1473-8	16.7	110

417	Variation in the glucose transporter gene SLC2A2 is associated with glycemic response to metformin. *Nature Genetics*, **2016**, 48, 1055-1059	36.3	108
416	Cascade screening based on genetic testing is cost-effective: evidence for the implementation of models of care for familial hypercholesterolemia. *Journal of Clinical Lipidology*, **2014**, 8, 390-400	4.9	105
415	Hepatic lipase: a pro- or anti-atherogenic protein?. *Journal of Lipid Research*, **2002**, 43, 1352-62	6.3	105
414	SIRT1 genetic variation is related to BMI and risk of obesity. *Diabetes*, **2009**, 58, 2828-34	0.9	104
413	Assessing the phenotypic effects in the general population of rare variants in genes for a dominant Mendelian form of diabetes. *Nature Genetics*, **2013**, 45, 1380-5	36.3	103
412	Liver X receptor activation restores memory in aged AD mice without reducing amyloid. *Neurobiology of Aging*, **2011**, 32, 1262-72	5.6	101
411	Gene-environment and gene-treatment interactions in type 2 diabetes: progress, pitfalls, and prospects. *Diabetes Care*, **2013**, 36, 1413-21	14.6	100
410	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. *Nature Communications*, **2016**, 7, 10531	17.4	99
409	Leveraging cross-species transcription factor binding site patterns: from diabetes risk loci to disease mechanisms. *Cell*, **2014**, 156, 343-58	56.2	96
408	Polygenic type 2 diabetes prediction at the limit of common variant detection. *Diabetes*, **2014**, 63, 2172-82	8.9	96
407	Two years after molecular diagnosis of familial hypercholesterolemia: majority on cholesterol-lowering treatment but a minority reaches treatment goal. *PLoS ONE*, **2010**, 5, e9220	3.7	95
406	Genetic Risk Scores for Diabetes Diagnosis and Precision Medicine. *Endocrine Reviews*, **2019**, 40, 1500-1520	27.2	94
405	Type 2 Diabetes Variants Disrupt Function of SLC16A11 through Two Distinct Mechanisms. *Cell*, **2017**, 170, 199-212.e20	56.2	94
404	Heterogeneous Contribution of Insulin Sensitivity and Secretion Defects to Gestational Diabetes Mellitus. *Diabetes Care*, **2016**, 39, 1052-5	14.6	93
403	Eating fish and risk of type 2 diabetes: A population-based, prospective follow-up study. *Diabetes Care*, **2009**, 32, 2021-6	14.6	92
402	Type 2 diabetes: genetic data sharing to advance complex disease research. *Nature Reviews Genetics*, **2016**, 17, 535-49	30.1	92
401	Metformin pharmacogenomics: current status and future directions. *Diabetes*, **2014**, 63, 2590-9	0.9	90
400	Clinical review: the genetics of type 2 diabetes: a realistic appraisal in 2008. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 4633-42	5.6	90

399	Low-density lipoprotein receptor gene mutations and cardiovascular risk in a large genetic cascade screening population. *Circulation*, **2002**, 106, 3031-6	16.7	86
398	Reducing the Clinical and Public Health Burden of Familial Hypercholesterolemia: A Global Call to Action. *JAMA Cardiology*, **2020**, 5, 217-229	16.2	85
397	The new type 2 diabetes gene TCF7L2. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2007**, 10, 391-6	3.8	83
396	Total zinc intake may modify the glucose-raising effect of a zinc transporter (SLC30A8) variant: a 14-cohort meta-analysis. *Diabetes*, **2011**, 60, 2407-16	0.9	81
395	Gene-age interactions in blood pressure regulation: a large-scale investigation with the CHARGE, Global BPgen, and ICBP Consortia. *American Journal of Human Genetics*, **2014**, 95, 24-38	11	80
394	Metabolite Profiles of Diabetes Incidence and Intervention Response in the Diabetes Prevention Program. *Diabetes*, **2016**, 65, 1424-33	0.9	79
393	Integrated guidance on the care of familial hypercholesterolemia from the International FH Foundation. *Journal of Clinical Lipidology*, **2014**, 8, 148-72	4.9	79
392	Inflammation and asymmetric dimethylarginine for predicting death and cardiovascular events in ESRD patients. *Clinical Journal of the American Society of Nephrology: CJASN*, **2011**, 6, 1714-21	6.9	79
391	Severe hypercholesterolaemia: therapeutic goals and eligibility criteria for LDL apheresis in Europe. *Current Opinion in Lipidology*, **2010**, 21, 492-8	4.4	77
390	Identification and functional characterization of G6PC2 coding variants influencing glycemic traits define an effector transcript at the G6PC2-ABCB11 locus. *PLoS Genetics*, **2015**, 11, e1004876	6	76
389	Common genetic variation in the 3ϴBCL11B gene desert is associated with carotid-femoral pulse wave velocity and excess cardiovascular disease risk: the AortaGen Consortium. *Circulation: Cardiovascular Genetics*, **2012**, 5, 81-90		76
388	Precision Medicine in Diabetes: A Consensus Report From the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). *Diabetes Care*, **2020**, 43, 1617-1635	14.6	75
387	A 100K genome-wide association scan for diabetes and related traits in the Framingham Heart Study: replication and integration with other genome-wide datasets. *Diabetes*, **2007**, 56, 3063-74	0.9	74
386	Differences in characteristics and risk of cardiovascular disease in familial hypercholesterolemia patients with and without tendon xanthomas: a systematic review and meta-analysis. *Atherosclerosis*, **2009**, 207, 311-7	3.1	73
385	Plasma apolipoprotein A5 and triglycerides in type 2 diabetes. *Diabetologia*, **2006**, 49, 1505-11	10.3	73
384	Association testing in 9,000 people fails to confirm the association of the insulin receptor substrate-1 G972R polymorphism with type 2 diabetes. *Diabetes*, **2004**, 53, 3313-8	0.9	72
383	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. *Diabetes*, **2018**, 67, 1414-1427	0.9	71
382	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. *Nature Communications*, **2018**, 9, 2252	17.4	71

381	Decreased serum level of miR-146a as sign of chronic inflammation in type 2 diabetic patients. *PLoS ONE*, **2014**, 9, e115209	3.7	71
380	Dietary intake of plant sterols stably increases plant sterol levels in the murine brain. *Journal of Lipid Research*, **2012**, 53, 726-35	6.3	71
379	FTO genotype and weight loss: systematic review and meta-analysis of 9563 individual participant data from eight randomised controlled trials. *BMJ, The*, **2016**, 354, i4707	5.9	70
378	Lipoprotein(a) levels are associated with aortic valve calcification in asymptomatic patients with familial hypercholesterolaemia. *Journal of Internal Medicine*, **2015**, 278, 166-73	10.8	69
377	The Genetic Landscape of Renal Complications in Type 1 Diabetes. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 557-574	12.7	69
376	Effects of weight loss, weight cycling, and weight loss maintenance on diabetes incidence and change in cardiometabolic traits in the Diabetes Prevention Program. *Diabetes Care*, **2014**, 37, 2738-45	14.6	68
375	Accelerated subclinical coronary atherosclerosis in patients with familial hypercholesterolemia. *Atherosclerosis*, **2011**, 219, 721-7	3.1	68
374	A prospective analysis of elevated fasting glucose levels and cognitive function in older people: results from PROSPER and the Rotterdam Study. *Diabetes*, **2010**, 59, 1601-7	0.9	68
373	Genomics of type 2 diabetes mellitus: implications for the clinician. *Nature Reviews Endocrinology*, **2009**, 5, 429-36	15.2	68
372	Metabolite traits and genetic risk provide complementary information for the prediction of future type 2 diabetes. *Diabetes Care*, **2014**, 37, 2508-14	14.6	67
371	Current status and future developments of contrast-enhanced ultrasound of carotid atherosclerosis. *Journal of Vascular Surgery*, **2013**, 57, 539-46	3.5	67
370	Vitamin D status and metabolic syndrome in the elderly: the Rotterdam Study. *European Journal of Endocrinology*, **2015**, 172, 327-35	6.5	67
369	Metabolomics insights into early type 2 diabetes pathogenesis and detection in individuals with normal fasting glucose. *Diabetologia*, **2018**, 61, 1315-1324	10.3	66
368	Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen. *Journal of the American Society of Nephrology: JASN*, **2019**, 30, 2000-2016	12.7	66
367	Testing the direction of effects between child body composition and restrictive feeding practices: results from a population-based cohort. *American Journal of Clinical Nutrition*, **2017**, 106, 783-790	7	66
366	IgG glycan patterns are associated with type 2 diabetes in independent European populations. *Biochimica Et Biophysica Acta - General Subjects*, **2017**, 1861, 2240-2249	4	64
365	Evaluation of risk prediction updates from commercial genome-wide scans. *Genetics in Medicine*, **2009**, 11, 588-94	8.1	63
364	Additional risk factors influence excess mortality in heterozygous familial hypercholesterolaemia. *Atherosclerosis*, **2000**, 149, 421-5	3.1	62

363	Low-density lipoprotein receptor genotype and response to pravastatin in children with familial hypercholesterolemia: substudy of an intima-media thickness trial. *Circulation*, **2005**, 112, 3168-73	16.7	61
362	The C allele of ATM rs11212617 does not associate with metformin response in the Diabetes Prevention Program. *Diabetes Care*, **2012**, 35, 1864-7	14.6	59
361	An RBP4 promoter polymorphism increases risk of type 2 diabetes. *Diabetologia*, **2008**, 51, 1423-8	10.3	58
360	Far-wall pseudoenhancement during contrast-enhanced ultrasound of the carotid arteries: clinical description and in vitro reproduction. *Ultrasound in Medicine and Biology*, **2012**, 38, 593-600	3.5	55
359	Usefulness of contrast-enhanced ultrasound for detection of carotid plaque ulceration in patients with symptomatic carotid atherosclerosis. *American Journal of Cardiology*, **2013**, 112, 292-8	3	55
358	ClinVar database of global familial hypercholesterolemia-associated DNA variants. *Human Mutation* , **2018**, 39, 1631-1640	4.7	55
357	Meat consumption and its association with C-reactive protein and incident type 2 diabetes: the Rotterdam Study. *Diabetes Care*, **2012**, 35, 1499-505	14.6	54
356	Risk of type 2 diabetes attributable to C-reactive protein and other risk factors. *Diabetes Care*, **2007** , 30, 2695-9	14.6	54
355	Improvement of risk prediction by genomic profiling: reclassification measures versus the area under the receiver operating characteristic curve. *American Journal of Epidemiology*, **2010**, 172, 353-61	3.8	53
354	Effects of long-term averaging of quantitative blood pressure traits on the detection of genetic associations. *American Journal of Human Genetics*, **2014**, 95, 49-65	11	52
353	Association of IL-6 and a functional polymorphism in the IL-6 gene with cardiovascular events in patients with CKD. *Clinical Journal of the American Society of Nephrology: CJASN*, **2015**, 10, 232-40	6.9	52
352	A Global Overview of Precision Medicine in Type 2 Diabetes. *Diabetes*, **2018**, 67, 1911-1922	0.9	52
351	Genetic Predisposition to Weight Loss and Regain With Lifestyle Intervention: Analyses From the Diabetes Prevention Program and the Look AHEAD Randomized Controlled Trials. *Diabetes*, **2015**, 64, 4312-21	0.9	51
350	Genetic architecture of type 2 diabetes: recent progress and clinical implications. *Diabetes Care*, **2009**, 32, 1107-14	14.6	51
349	Cascade Screening for Familial Hypercholesterolemia (FH). *PLOS Currents*, **2011**, 3, RRN1238		51
348	Re-analysis of public genetic data reveals a rare X-chromosomal variant associated with type 2 diabetes. *Nature Communications*, **2018**, 9, 321	17.4	50
347	Metabolomics based markers predict type 2 diabetes in a 14-year follow-up study. *Metabolomics*, **2017**, 13, 104	4.7	50
346	Utility of contrast-enhanced ultrasound for the assessment of the carotid artery wall in patients with Takayasu or giant cell arteritis. *European Heart Journal Cardiovascular Imaging*, **2014**, 15, 541-6	4.1	50

345	Molecular imaging of inflammation and intraplaque vasa vasorum: a step forward to identification of vulnerable plaques?. *Journal of Nuclear Cardiology*, **2010**, 17, 897-912	2.1	50
344	Noninvasive imaging of the vulnerable atherosclerotic plaque. *Current Problems in Cardiology*, **2010**, 35, 556-91	17.1	49
343	High HDL cholesterol does not protect against coronary artery disease when associated with combined cholesteryl ester transfer protein and hepatic lipase gene variants. *Atherosclerosis*, **2008**, 200, 161-7	3.1	49
342	An apolipoprotein A-V gene SNP is associated with marked hypertriglyceridemia among Asian-American patients. *Journal of Lipid Research*, **2008**, 49, 1846-54	6.3	48
341	Greater preclinical atherosclerosis in treated monogenic familial hypercholesterolemia vs. polygenic hypercholesterolemia. *Atherosclerosis*, **2017**, 263, 405-411	3.1	47
340	Genetic Evidence That Carbohydrate-Stimulated Insulin Secretion Leads to Obesity. *Clinical Chemistry*, **2018**, 64, 192-200	5.5	47
339	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies BCL2 and FAM19A2 as Novel Insulin Sensitivity Loci. *Diabetes*, **2016**, 65, 3200-11	0.9	47
338	An exome array study of the plasma metabolome. *Nature Communications*, **2016**, 7, 12360	17.4	47
337	Molecular variation at the apolipoprotein B gene locus in relation to lipids and cardiovascular disease: a systematic meta-analysis. *Human Genetics*, **2003**, 113, 417-25	6.3	47
336	The pharmacogenetics of metformin. *Diabetologia*, **2017**, 60, 1648-1655	10.3	46
335	The impact of partial and complete loss-of-function mutations in endothelial lipase on high-density lipoprotein levels and functionality in humans. *Circulation: Cardiovascular Genetics*, **2013**, 6, 54-62		46
334	Genetic predisposition to long-term nondiabetic deteriorations in glucose homeostasis: Ten-year follow-up of the GLACIER study. *Diabetes*, **2011**, 60, 345-54	0.9	46
333	Effects of fish oil on oxidation resistance of VLDL in hypertriglyceridemic patients. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1996**, 16, 1197-202	9.4	46
332	Melatonin Effects on Glucose Metabolism: Time To Unlock the Controversy. *Trends in Endocrinology and Metabolism*, **2020**, 31, 192-204	8.8	46
331	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
330	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. *Nature Genetics*, **2019**, 51, 452-469	36.3	44
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2 Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815

1 Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815