Eric Sijbrands

List of Publications by Year
in descending order

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519 papers	71,521 citations	1371 108 h-index	784 248 g-index
553 all docs	553 docs citations	553 times ranked	76718 citing authors

#	Article	IF	Citations
1	Analysis of protein-coding genetic variation in 60,706 humans. Nature, 2016, 536, 285-291.	27.8	9,051
2	Biological, clinical and population relevance of 95 loci for blood lipids. Nature, 2010, 466, 707-713.	27.8	3,249
3	Genome-Wide Association Analysis Identifies Loci for Type 2 Diabetes and Triglyceride Levels. Science, 2007, 316, 1331-1336.	12.6	2,623
4	Metabolite profiles and the risk of developing diabetes. Nature Medicine, 2011, 17, 448-453.	30.7	2,586
5	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. Nature Genetics, 2010, 42, 105-116.	21.4	1,982
6	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	27.8	1,855
7	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. Nature Genetics, 2012, 44, 981-990.	21.4	1,748
8	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. Nature Genetics, 2010, 42, 579-589.	21.4	1,631
9	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.	21.4	1,331
10	Genome-wide association study of blood pressure and hypertension. Nature Genetics, 2009, 41, 677-687.	21.4	1,224
11	Simvastatin with or without Ezetimibe in Familial Hypercholesterolemia. New England Journal of Medicine, 2008, 358, 1431-1443.	27.0	1,180
12	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	21.4	959
13	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	27.8	952
14	Loci influencing lipid levels and coronary heart disease risk in 16 European population cohorts. Nature Genetics, 2009, 41, 47-55.	21.4	776
15	TCF7L2Polymorphisms and Progression to Diabetes in the Diabetes Prevention Program. New England Journal of Medicine, 2006, 355, 241-250.	27.0	762
16	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. Nature Genetics, 2012, 44, 659-669.	21.4	762
17	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nature Genetics, 2012, 44, 991-1005.	21.4	746
18	Genotype Score in Addition to Common Risk Factors for Prediction of Type 2 Diabetes. New England Journal of Medicine, 2008, 359, 2208-2219.	27.0	696

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19	Alcohol Consumption and Mortality among Women. New England Journal of Medicine, 1995, 332, 1245-1250.	27.0	675
20	Variants in MTNR1B influence fasting glucose levels. Nature Genetics, 2009, 41, 77-81.	21.4	662
21	Genetics of diabetes mellitus and diabetes complications. Nature Reviews Nephrology, 2020, 16, 377-390.	9.6	657
22	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. Diabetes, 2017, 66, 2888-2902.	0.6	615
23	Efficacy of statins in familial hypercholesterolaemia: a long term cohort study. BMJ: British Medical Journal, 2008, 337, a2423-a2423.	2.3	610
24	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. Nature Genetics, 2010, 42, 142-148.	21.4	591
25	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	27.8	544
26	Efficacy and Safety of Statin Therapy in Children With Familial Hypercholesterolemia. JAMA - Journal of the American Medical Association, 2004, 292, 331.	7.4	534
27	Parental origin of sequence variants associated with complex diseases. Nature, 2009, 462, 868-874.	27.8	521
28	High Serum Uric Acid as a Novel Risk Factor for Type 2 Diabetes. Diabetes Care, 2008, 31, 361-362.	8.6	484
29	Meta-Analysis of Genome-Wide Association Studies in >80 000 Subjects Identifies Multiple Loci for C-Reactive Protein Levels. Circulation, 2011, 123, 731-738.	1.6	461
30	Sequence variants in SLC16A11 are a common risk factor for type 2 diabetes in Mexico. Nature, 2014, 506, 97-101.	27.8	439
31	Review of first 5 years of screening for familial hypercholesterolaemia in the Netherlands. Lancet, The, 2001, 357, 165-168.	13.7	425
32	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.	3.5	419
33	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. Nature Genetics, 2011, 43, 1005-1011.	21.4	403
34	Common Variants at 10 Genomic Loci Influence Hemoglobin A1C Levels via Glycemic and Nonglycemic Pathways. Diabetes, 2010, 59, 3229-3239.	0.6	387
35	Clinical Genetic Testing for FamilialÂHypercholesterolemia. Journal of the American College of Cardiology, 2018, 72, 662-680.	2.8	387
36	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.	8.4	373

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37	Homozygous autosomal dominant hypercholesterolaemia in the Netherlands: prevalence, genotypeâ€“phenotype relationship, and clinical outcome. European Heart Journal, 2015, 36, 560-565.	2.2	366
38	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425.	21.4	365
39	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. Nature Genetics, 2018, 50, 559-571.	21.4	356
40	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.	8.4	341
41	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	21.4	341
42	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, 2624-2634.	0.6	335
43	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, 850-861.	11.4	329
44	The genetics of type 2 diabetes: what have we learned from GWAS?. Annals of the New York Academy of Sciences, 2010, 1212, 59-77.	3.8	319
45	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2014, 2, 719-729.	11.4	319
46	Integrated guidance on the care of familial hypercholesterolaemia from the International FH Foundation. International Journal of Cardiology, 2014, 171, 309-325.	1.7	316
47	Impact of Type 2 Diabetes Susceptibility Variants on Quantitative Glycemic Traits Reveals Mechanistic Heterogeneity. Diabetes, 2014, 63, 2158-2171.	0.6	297
48	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	21.4	286
49	Insulin metabolism and the risk of Alzheimer disease. Neurology, 2010, 75, 1982-1987.	1.1	285
50	Haplotype Structure and Genotype-Phenotype Correlations of the Sulfonylurea Receptor and the Islet ATP-Sensitive Potassium Channel Gene Region. Diabetes, 2004, 53, 1360-1368.	0.6	284
51	Arterial intima-media thickness in children heterozygous for familial hypercholesterolaemia. Lancet, The, 2004, 363, 369-370.	13.7	282
52	The Inherited Basis of Diabetes Mellitus: Implications for the Genetic Analysis of Complex Traits. Annual Review of Genomics and Human Genetics, 2003, 4, 257-291.	6.2	281
53	Genomic prediction of coronary heart disease. European Heart Journal, 2016, 37, 3267-3278.	2.2	277
54	A Genome-wide Association Study of the Human Metabolome in a Community-Based Cohort. Cell Metabolism, 2013, 18, 130-143.	16.2	274

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55	Predicting Type 2 Diabetes Based on Polymorphisms From Genome-Wide Association Studies. Diabetes, 2008, 57, 3122-3128.	0.6	265
56	The contribution of classical risk factors to cardiovascular disease in familial hypercholesterolaemia: data in 2400 patients. Journal of Internal Medicine, 2004, 256, 482-490.	6.0	260
57	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572.	21.4	250
58	Exome sequencing of 20,791Âcases of type 2 diabetes and 24,440Âcontrols. Nature, 2019, 570, 71-76.	27.8	248
59	Carotid intima-media thickness for cardiovascular risk assessment: Systematic review and meta-analysis. Atherosclerosis, 2013, 228, 1-11.	0.8	239
60	Detailed Physiologic Characterization Reveals Diverse Mechanisms for Novel Genetic Loci Regulating Glucose and Insulin Metabolism in Humans. Diabetes, 2010, 59, 1266-1275.	0.6	237
61	Association of a Low-Frequency Variant inHNF1AWith Type 2 Diabetes in a Latino Population. JAMA - Journal of the American Medical Association, 2014, 311, 2305.	7.4	230
62	The (in)famous GWAS P-value threshold revisited and updated for low-frequency variants. European Journal of Human Genetics, 2016, 24, 1202-1205.	2.8	225
63	New Susceptibility Loci Associated with Kidney Disease in Type 1 Diabetes. PLoS Genetics, 2012, 8, e1002921.	3.5	216
64	Unfavorable cardiovascular risk profiles in untreated and treated psoriasis patients. Atherosclerosis, 2007, 190, 1-9.	0.8	215
65	Prospective functional classification of all possible missense variants in PPARG. Nature Genetics, 2016, 48, 1570-1575.	21.4	210
66	CUBN Is a Gene Locus for Albuminuria. Journal of the American Society of Nephrology: JASN, 2011, 22, 555-570.	6.1	208
67	Genetic Variation, C-Reactive Protein Levels, and Incidence of Diabetes. Diabetes, 2007, 56, 872-878.	0.6	207
68	Afamelanotide for Erythropoietic Protoporphyria. New England Journal of Medicine, 2015, 373, 48-59.	27.0	206
69	The Importance of Genetic Counseling, DNA Diagnostics, and Cardiologic Family Screening in Left Ventricular Noncompaction Cardiomyopathy. Circulation: Cardiovascular Genetics, 2010, 3, 232-239.	5.1	205
70	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.	8.6	204
71	Shared Constitutional Risks for Maternal Vascular-Related Pregnancy Complications and Future Cardiovascular Disease. Hypertension, 2008, 51, 1034-1041.	2.7	203
72	Mortality over two centuries in large pedigree with familial hypercholesterolaemia: family tree mortality study Commentary: Role of other genes and environment should not be overlooked in monogenic disease. BMJ: British Medical Journal, 2001, 322, 1019-1023.	2.3	192

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73	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.	11.4	192
74	Genetic Risk Scores for Diabetes Diagnosis and Precision Medicine. Endocrine Reviews, 2019, 40, 1500-1520.	20.1	192
75	The aging kidney revisited: A systematic review. Ageing Research Reviews, 2014, 14, 65-80.	10.9	191
76	Genetic variants at 2q24 are associated with susceptibility to type 2 diabetes. Human Molecular Genetics, 2010, 19, 2706-2715.	2.9	178
77	The Role of Adiposity in Cardiometabolic Traits: A Mendelian Randomization Analysis. PLoS Medicine, 2013, 10, e1001474.	8.4	178
78	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. Nature Communications, 2015, 6, 5897.	12.8	173
79	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, 1340-1348.	0.6	172
80	Reducing the Clinical and Public Health Burden of Familial Hypercholesterolemia. JAMA Cardiology, 2020, 5, 217.	6.1	169
81	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, 231-238.	3.2	166
82	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, 121-125.	8.6	165
83	Variation in the glucose transporter gene SLC2A2 is associated with glycemic response to metformin. Nature Genetics, 2016, 48, 1055-1059.	21.4	165
84	Meta-analysis of gene-environment interaction: joint estimation of SNP and SNP Ã— environment regression coefficients. Genetic Epidemiology, 2011, 35, 11-18.	1.3	158
85	Contrast-Enhanced Ultrasound Imaging of the Vasa Vasorum. JACC: Cardiovascular Imaging, 2010, 3, 761-771.	5.3	156
86	Outcome and Complications After Implantable Cardioverter Defibrillator Therapy in Hypertrophic Cardiomyopathy. Circulation: Heart Failure, 2012, 5, 552-559.	3.9	150
87	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.	1.5	149
88	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. Nature Communications, 2016, 7, 10531.	12.8	149
89	A Genome-Wide Association Study Reveals Variants in ARL15 that Influence Adiponectin Levels. PLoS Genetics, 2009, 5, e1000768.	3.5	148
90	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, 1611-1618.	2.8	147

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91	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, 412-420.	0.8	146
92	Heterogeneous Contribution of Insulin Sensitivity and Secretion Defects to Gestational Diabetes Mellitus. Diabetes Care, 2016, 39, 1052-1055.	8.6	142
93	Cholesteryl Ester Transfer Protein Inhibitor Torcetrapib and Off-Target Toxicity. Circulation, 2008, 118, 2515-2522.	1.6	141
94	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. Diabetes, 2018, 67, 1414-1427.	0.6	136
95	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.	6.1	135
96	Fasting and post-methionine homocysteine levels in NIDDM. Determinants and correlations with retinopathy, albuminuria, and cardiovascular disease.. Diabetes Care, 1999, 22, 125-132.	8.6	133
97	Family History and Cardiovascular Risk in Familial Hypercholesterolemia. Circulation, 2003, 107, 1473-1478.	1.6	131
98	Assessing the phenotypic effects in the general population of rare variants in genes for a dominant Mendelian form of diabetes. Nature Genetics, 2013, 45, 1380-1385.	21.4	129
99	ACAT Inhibition and Progression of Carotid Atherosclerosis in Patients With Familial Hypercholesterolemia. JAMA - Journal of the American Medical Association, 2009, 301, 1131.	7.4	128
100	Gene-Environment and Gene-Treatment Interactions in Type 2 Diabetes. Diabetes Care, 2013, 36, 1413-1421.	8.6	128
101	Type 2 diabetes: genetic data sharing to advance complex disease research. Nature Reviews Genetics, 2016, 17, 535-549.	16.3	128
102	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, 2684-2691.	8.6	127
103	Polygenic Type 2 Diabetes Prediction at the Limit of Common Variant Detection. Diabetes, 2014, 63, 2172-2182.	0.6	127
104	Effects of the Type 2 Diabetes-AssociatedPPARGP12A Polymorphism on Progression to Diabetes and Response to Troglitazone. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 1502-1509.	3.6	122
105	Type 2 Diabetes Variants Disrupt Function of SLC16A11 through Two Distinct Mechanisms. Cell, 2017, 170, 199-212.e20.	28.9	121
106	SIRT1 Genetic Variation Is Related to BMI and Risk of Obesity. Diabetes, 2009, 58, 2828-2834.	0.6	118
107	Liver X receptor activation restores memory in aged AD mice without reducing amyloid. Neurobiology of Aging, 2011, 32, 1262-1272.	3.1	118
108	Hepatic lipase. Journal of Lipid Research, 2002, 43, 1352-1362.	4.2	114

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109	Leveraging Cross-Species Transcription Factor Binding Site Patterns: From Diabetes Risk Loci to Disease Mechanisms. Cell, 2014, 156, 343-358.	28.9	113
110	Metformin Pharmacogenomics: Current Status and Future Directions. Diabetes, 2014, 63, 2590-2599.	0.6	112
111	Two Years after Molecular Diagnosis of Familial Hypercholesterolemia: Majority on Cholesterol-Lowering Treatment but a Minority Reaches Treatment Goal. PLoS ONE, 2010, 5, e9220.	2.5	110
112	The Genetics of Type 2 Diabetes: A Realistic Appraisal in 2008. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4633-4642.	3.6	109
113	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.	6.2	109
114	Cardiometabolic risk factors for COVID-19 susceptibility and severity: A Mendelian randomization analysis. PLoS Medicine, 2021, 18, e1003553.	8.4	105
115	Precision medicine in diabetes: a Consensus Report from the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). Diabetologia, 2020, 63, 1671-1693.	6.3	102
116	Metabolite Profiles of Diabetes Incidence and Intervention Response in the Diabetes Prevention Program. Diabetes, 2016, 65, 1424-1433.	0.6	101
117	The Genetic Landscape of Renal Complications in Type 1 Diabetes. Journal of the American Society of Nephrology: JASN, 2017, 28, 557-574.	6.1	101
118	Low-Density Lipoprotein Receptor Gene Mutations and Cardiovascular Risk in a Large Genetic Cascade Screening Population. Circulation, 2002, 106, 3031-3036.	1.6	100
119	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, 311-317.	0.8	99
120	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. Nature Communications, 2018, 9, 2252.	12.8	99
121	Eating Fish and Risk of Type 2 Diabetes. Diabetes Care, 2009, 32, 2021-2026.	8.6	98
122	Inflammation and Asymmetric Dimethylarginine for Predicting Death and Cardiovascular Events in ESRD Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 1714-1721.	4.5	98
123	Integrated guidance on the care of familial hypercholesterolemia from the International FH Foundation. Journal of Clinical Lipidology, 2014, 8, 148-172.	1.5	98
124	Decreased Serum Level of miR-146a as Sign of Chronic Inflammation in Type 2 Diabetic Patients. PLoS ONE, 2014, 9, e115209.	2.5	97
125	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, 2738-2745.	8.6	97
126	The new type 2 diabetes gene TCF7L2. Current Opinion in Clinical Nutrition and Metabolic Care, 2007, 10, 391-396.	2.5	96

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127	Severe hypercholesterolaemia: therapeutic goals and eligibility criteria for LDL apheresis in Europe. Current Opinion in Lipidology, 2010, 21, 492-498.	2.7	95
128	Dietary intake of plant sterols stably increases plant sterol levels in the murine brain. Journal of Lipid Research, 2012, 53, 726-735.	4.2	95
129	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.	3.5	95
130	IgG glycan patterns are associated with type 2 diabetes in independent European populations. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 2240-2249.	2.4	93
131	Metabolomics insights into early type 2 diabetes pathogenesis and detection in individuals with normal fasting glucose. Diabetologia, 2018, 61, 1315-1324.	6.3	93
132	Total Zinc Intake May Modify the Glucose-Raising Effect of a Zinc Transporter (SLC30A8) Variant: A 14-Cohort Meta-analysis. Diabetes, 2011, 60, 2407-2416.	0.6	91
133	Lipoprotein(a) levels are associated with aortic valve calcification in asymptomatic patients with familial hypercholesterolaemia. Journal of Internal Medicine, 2015, 278, 166-173.	6.0	91
134	Common Genetic Variation in the 3â€²- BCL11B Gene Desert Is Associated With Carotid-Femoral Pulse Wave Velocity and Excess Cardiovascular Disease Risk. Circulation: Cardiovascular Genetics, 2012, 5, 81-90.	5.1	90
135	A Global Overview of Precision Medicine in Type 2 Diabetes. Diabetes, 2018, 67, 1911-1922.	0.6	90
136	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. Nature Genetics, 2019, 51, 452-469.	21.4	89
137	Melatonin Effects on Glucose Metabolism: Time To Unlock the Controversy. Trends in Endocrinology and Metabolism, 2020, 31, 192-204.	7.1	89
138	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.	6.0	88
139	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, 3063-3074.	0.6	87
140	Metabolite Traits and Genetic Risk Provide Complementary Information for the Prediction of Future Type 2 Diabetes. Diabetes Care, 2014, 37, 2508-2514.	8.6	87
141	Polyunsaturated Fatty Acid Desaturation Is a Mechanism for Glycolytic NAD+ Recycling. Cell Metabolism, 2019, 29, 856-870.e7.	16.2	87
142	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	12.8	87
143	Sharing ICU Patient Data Responsibly Under the Society of Critical Care Medicine/European Society of Intensive Care Medicine Joint Data Science Collaboration: The Amsterdam University Medical Centers Database (AmsterdamUMCdb) Example*. Critical Care Medicine, 2021, 49, e563-e577.	0.9	87
144	Re-analysis of public genetic data reveals a rare X-chromosomal variant associated with type 2 diabetes. Nature Communications, 2018, 9, 321.	12.8	85

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145	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.	4.7	84
146	ClinVar database of global familial hypercholesterolemiaâ€associated DNA variants. Human Mutation, 2018, 39, 1631-1640.	2.5	84
147	Genomics of type 2 diabetes mellitus: implications for the clinician. Nature Reviews Endocrinology, 2009, 5, 429-436.	9.6	83
148	Accelerated subclinical coronary atherosclerosis in patients with familial hypercholesterolemia. Atherosclerosis, 2011, 219, 721-727.	0.8	83
149	Metabolomics based markers predict type 2 diabetes in a 14-year follow-up study. Metabolomics, 2017, 13, 104.	3.0	82
150	Comprehensive genomic analysis of dietary habits in UK Biobank identifies hundreds of genetic associations. Nature Communications, 2020, 11, 1467.	12.8	82
151	Vitamin D status and metabolic syndrome in the elderly: the Rotterdam Study. European Journal of Endocrinology, 2015, 172, 327-335.	3.7	81
152	Genome-wide association analyses highlight etiological differences underlying newly defined subtypes of diabetes. Nature Genetics, 2021, 53, 1534-1542.	21.4	81
153	Plasma apolipoprotein A5 and triglycerides in type 2 diabetes. Diabetologia, 2006, 49, 1505-1511.	6.3	80
154	Current status and future developments of contrast-enhanced ultrasound of carotid atherosclerosis. Journal of Vascular Surgery, 2013, 57, 539-546.	1.1	80
155	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, 3313-3318.	0.6	78
156	Mendelian Randomization Study of Obesity and Cerebrovascular Disease. Annals of Neurology, 2020, 87, 516-524.	5.3	76
157	A Prospective Analysis of Elevated Fasting Glucose Levels and Cognitive Function in Older People. Diabetes, 2010, 59, 1601-1607.	0.6	75
158	Usefulness of Contrast-Enhanced Ultrasound for Detection of Carotid Plaque Ulceration in Patients With Symptomatic CarotidÂAtherosclerosis. American Journal of Cardiology, 2013, 112, 292-298.	1.6	75
159	Low-Density Lipoprotein Receptor Genotype and Response to Pravastatin in Children With Familial Hypercholesterolemia. Circulation, 2005, 112, 3168-3173.	1.6	74
160	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.	6.2	73
161	Additional risk factors influence excess mortality in heterozygous familial hypercholesterolaemia. Atherosclerosis, 2000, 149, 421-425.	0.8	72
162	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, 4312-4321.	0.6	72

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163	Evaluation of risk prediction updates from commercial genome-wide scans. Genetics in Medicine, 2009, 11, 588-594.	2.4	69
164	An exome array study of the plasma metabolome. Nature Communications, 2016, 7, 12360.	12.8	69
165	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies BCL2 and FAM19A2 as Novel Insulin Sensitivity Loci. Diabetes, 2016, 65, 3200-3211.	0.6	67
166	An RBP4 promoter polymorphism increases risk of type 2 diabetes. Diabetologia, 2008, 51, 1423-1428.	6.3	66
167	Meat Consumption and Its Association With C-Reactive Protein and Incident Type 2 Diabetes. Diabetes Care, 2012, 35, 1499-1505.	8.6	66
168	Far-Wall Pseudoenhancement During Contrast-Enhanced Ultrasound of the Carotid Arteries: Clinical Description andÂInÂVitro Reproduction. Ultrasound in Medicine and Biology, 2012, 38, 593-600.	1.5	66
169	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, 541-546.	1.2	66
170	Genetic Evidence That Carbohydrate-Stimulated Insulin Secretion Leads to Obesity. Clinical Chemistry, 2018, 64, 192-200.	3.2	66
171	The C Allele of ATM rs11212617 Does Not Associate With Metformin Response in the Diabetes Prevention Program. Diabetes Care, 2012, 35, 1864-1867.	8.6	65
172	The pharmacogenetics of metformin. Diabetologia, 2017, 60, 1648-1655.	6.3	65
173	Noninvasive Imaging of the Vulnerable Atherosclerotic Plaque. Current Problems in Cardiology, 2010, 35, 556-591.	2.4	64
174	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, 232-240.	4.5	64
175	Risk of Type 2 Diabetes Attributable to C-Reactive Protein and Other Risk Factors. Diabetes Care, 2007, 30, 2695-2699.	8.6	63
176	Genetic Evidence for a Causal Role of Obesity in Diabetic Kidney Disease. Diabetes, 2015, 64, 4238-4246.	0.6	63
177	Greater preclinical atherosclerosis in treated monogenic familial hypercholesterolemia vs. polygenic hypercholesterolemia. Atherosclerosis, 2017, 263, 405-411.	0.8	63
178	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. Nature Communications, 2019, 10, 2581.	12.8	62
179	An apolipoprotein A-V gene SNP is associated with marked hypertriglyceridemia among Asian-American patients*. Journal of Lipid Research, 2008, 49, 1846-1854.	4.2	61
180	Improvement of Risk Prediction by Genomic Profiling: Reclassification Measures Versus the Area Under the Receiver Operating Characteristic Curve. American Journal of Epidemiology, 2010, 172, 353-361.	3.4	61

#	Article	IF	Citations
181	Cascade Screening for Familial Hypercholesterolemia (FH). PLOS Currents, 2011, 3, RRN1238.	1.4	61
182	Integrated guidance on the care of familial hypercholesterolaemia from the International FH Foundation. European Journal of Preventive Cardiology, 2015, 22, 849-854.	1.8	60
183	Dietary antioxidant capacity and risk of type 2 diabetes mellitus, prediabetes and insulin resistance: the Rotterdam Study. European Journal of Epidemiology, 2019, 34, 853-861.	5.7	58
184	Genetic Architecture of Type 2 Diabetes: Recent Progress and Clinical Implications. Diabetes Care, 2009, 32, 1107-1114.	8.6	56
185	53 rd EASD Annual Meeting of the European Association for the Study of Diabetes. Diabetologia, 2017, 60, 1-608.	6.3	56
186	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, 161-167.	0.8	55
187	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	55
188	Does des-acyl ghrelin improve glycemic control in obese diabetic subjects by decreasing acylated ghrelin levels?. European Journal of Endocrinology, 2014, 170, 799-807.	3.7	55
189	Trans-ethnic Meta-analysis and Functional Annotation Illuminates theÂGenetic Architecture of Fasting Glucose and Insulin. American Journal of Human Genetics, 2016, 99, 56-75.	6.2	55
190	The impact of non-additive genetic associations on age-related complex diseases. Nature Communications, 2021, 12, 2436.	12.8	55
191	Pro- and anti-inflammatory cytokine gene expression in subcutaneous and visceral fat in severe obesity. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 1137-1143.	2.6	54
192	Increased Aortic Valve Calcification inÂFamilial Hypercholesterolemia. Journal of the American College of Cardiology, 2015, 66, 2687-2695.	2.8	54
193	Genetic Variant in the IGF2BP2 Gene May Interact With Fetal Malnutrition to Affect Glucose Metabolism. Diabetes, 2009, 58, 1440-1444.	0.6	53
194	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.	5.1	53
195	Relative Contributions of Socioeconomic, Local Environmental, Psychosocial, Lifestyle/Behavioral, Biophysiological, and Ancestral Factors to Racial/Ethnic Disparities in Type 2 Diabetes. Diabetes Care, 2016, 39, 1208-1217.	8.6	53
196	The Clinical Genome Resource (ClinGen) Familial Hypercholesterolemia Variant Curation Expert Panel consensus guidelines for LDLR variant classification. Genetics in Medicine, 2022, 24, 293-306.	2.4	53
197	CT coronary plaque burden in asymptomatic patients with familial hypercholesterolaemia. Heart, 2011, 97, 1151-1157.	2.9	52
198	A Loss-of-Function Splice Acceptor Variant in IGF2 Is Protective for Type 2 Diabetes. Diabetes, 2017, 66, 2903-2914.	0.6	52

#	Article	IF	Citations
199	Pharmacogenetics in type 2 diabetes: precision medicine or discovery tool?. Diabetologia, 2017, 60, 800-807.	6.3	51
200	Dietary Sargassum fusiforme improves memory and reduces amyloid plaque load in an Alzheimerâ€™s disease mouse model. Scientific Reports, 2019, 9, 4908.	3.3	51
201	Molecular variation at the apolipoproteinï¿½B gene locus in relation to lipids and cardiovascular disease: a systematic meta-analysis. Human Genetics, 2003, 113, 417-425.	3.8	50
202	Cox proportional hazards models have more statistical power than logistic regression models in cross-sectional genetic association studies. European Journal of Human Genetics, 2008, 16, 1111-1116.	2.8	50
203	The association of the dopamine transporter gene and the dopamine receptor 2 gene with delirium, a metaâ€analysis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 648-655.	1.7	50
204	Eating behavior and body composition across childhood: a prospective cohort study. International Journal of Behavioral Nutrition and Physical Activity, 2018, 15, 96.	4.6	50
205	Plasma protein N-glycan signatures of type 2 diabetes. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2613-2622.	2.4	50
206	Effects of Fish Oil on Oxidation Resistance of VLDL in Hypertriglyceridemic Patients. Arteriosclerosis, Thrombosis, and Vascular Biology, 1996, 16, 1197-1202.	2.4	50
207	Ultrasound protocols to measure carotid intima-media thickness in trials; comparison of reproducibility, rate of progression, and effect of intervention in subjects with familial hypercholesterolemia and subjects with mixed dyslipidemia. Annals of Medicine, 2010, 42, 447-464.	3.8	49
208	Consistent Directions of Effect for Established Type 2 Diabetes Risk Variants Across Populations. Diabetes, 2012, 61, 1642-1647.	0.6	49
209	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. Nature Communications, 2021, 12, 3505.	12.8	49
210	Genetic Predisposition to Long-Term Nondiabetic Deteriorations in Glucose Homeostasis. Diabetes, 2011, 60, 345-354.	0.6	48
211	Translocon Declogger Ste24 Protects against IAPP Oligomer-Induced Proteotoxicity. Cell, 2018, 173, 62-73.e9.	28.9	48
212	A Low-Frequency Inactivating AKT2 Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. Diabetes, 2017, 66, 2019-2032.	0.6	47
213	Novel metabolic indices and incident type 2 diabetes among women and men: the Rotterdam Study. Diabetologia, 2019, 62, 1581-1590.	6.3	46
214	Genome of the Netherlands population-specific imputations identify an ABCA6 variant associated with cholesterol levels. Nature Communications, 2015, 6, 6065.	12.8	45
215	Genetically Driven Hyperglycemia Increases Risk of Coronary Artery Disease Separately From Type 2 Diabetes. Diabetes Care, 2017, 40, 687-693.	8.6	45
216	Replication study of 10 genetic polymorphisms associated with coronary heart disease in a specific high-risk population with familial hypercholesterolemia. European Heart Journal, 2008, 29, 2195-2201.	2.2	44

#	Article	IF	Citations
217	SIRT1 genetic variation and mortality in type 2 diabetes: interaction with smoking and dietary niacin. Free Radical Biology and Medicine, 2009, 46, 836-841.	2.9	44
218	Value of genetic profiling for the prediction of coronary heart disease. American Heart Journal, 2009, 158, 105-110.	2.7	44
219	Variants in the SIRT1 Gene May Affect Diabetes Risk in Interaction With Prenatal Exposure to Famine. Diabetes Care, 2012, 35, 424-426.	8.6	44
220	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. Molecular Psychiatry, 2019, 24, 1920-1932.	7.9	44
221	Similar response to simvastatin in patients heterozygous for familial hypercholesterolemia with mRNA negative and mRNA positive mutations. Atherosclerosis, 1998, 136, 247-254.	0.8	43
222	The risk of tendon xanthomas in familial hypercholesterolaemia is influenced by variation in genes of the reverse cholesterol transport pathway and the low-density lipoprotein oxidation pathway. European Heart Journal, 2010, 31, 1007-1012.	2.2	43
223	Factors Affecting the Decline in Incidence of Diabetes in the Diabetes Prevention Program Outcomes Study (DPPOS). Diabetes, 2015, 64, 989-998.	0.6	43
224	Tobacco smoking is associated with DNA methylation of diabetes susceptibility genes. Diabetologia, 2016, 59, 998-1006.	6.3	43
225	Molecular screening for familial hypercholesterolaemia: consequences for life and disability insurance. European Journal of Human Genetics, 2008, 16, 14-17.	2.8	42
226	Haplotype Structure of the ENPP1 Gene and Nominal Association of the K121Q Missense Single Nucleotide Polymorphism With Glycemic Traits in the Framingham Heart Study. Diabetes, 2008, 57, 1971-1977.	0.6	42
227	ABCG8 gene polymorphisms, plasma cholesterol concentrations, and risk of cardiovascular disease in familial hypercholesterolemia. Atherosclerosis, 2009, 204, 453-458.	0.8	42
228	Precision Medicine in Diabetes: Is It Time?. Diabetes Care, 2016, 39, 1085-1088.	8.6	42
229	Statin treatment increases lipoprotein(a) levels in subjects with low molecular weight apolipoprotein(a) phenotype. Atherosclerosis, 2019, 289, 201-205.	0.8	41
230	Impact of Literacy and Numeracy on Motivation for Behavior Change After Diabetes Genetic Risk Testing. Medical Decision Making, 2012, 32, 606-615.	2.4	40
231	Serum Levels of Apolipoproteins and Incident Type 2 Diabetes: A Prospective Cohort Study. Diabetes Care, 2017, 40, 346-351.	8.6	40
232	A Mendelian Randomization Study of Metabolite Profiles, Fasting Glucose, and Type 2 Diabetes. Diabetes, 2017, 66, 2915-2926.	0.6	40
233	Cross-Laboratory Standardization of Preclinical Lipidomics Using Differential Mobility Spectrometry and Multiple Reaction Monitoring. Analytical Chemistry, 2021, 93, 16369-16378.	6.5	40
234	Mortality of Inherited Arrhythmia Syndromes. Circulation: Cardiovascular Genetics, 2012, 5, 183-189.	5.1	39

#	Article	IF	Citations
235	Effects of Genetic Variants Previously Associated with Fasting Glucose and Insulin in the Diabetes Prevention Program. PLoS ONE, 2012, 7, e44424.	2.5	39
236	Low-density lipoprotein receptor mutational analysis in diagnosis of familial hypercholesterolemia. Current Opinion in Lipidology, 2017, 28, 120-129.	2.7	39
237	Cerebral Accumulation of Dietary Derivable Plant Sterols does not Interfere with Memory and Anxiety Related Behavior in Abcg5â^'/â^' Mice. Plant Foods for Human Nutrition, 2011, 66, 149-156.	3.2	38
238	Type 2 Diabetes Genetic Predisposition, Obesity, and All-Cause Mortality Risk in the U.S.: A Multiethnic Analysis. Diabetes Care, 2016, 39, 539-546.	8.6	38
239	Triglyceride Response to an Intensive Lifestyle Intervention Is Enhanced in Carriers of theGCKRPro446Leu Polymorphism. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1142-E1147.	3.6	37
240	The clinical value of metabolic syndrome and risks of cardiometabolic events and mortality in the elderly: the Rotterdam study. Cardiovascular Diabetology, 2016, 15, 69.	6.8	37
241	Increased risk for endogenous hypertriglyceridaemia is associated with an apolipoprotein C3 haplotype specified by the SstI polymorphism. European Journal of Clinical Investigation, 1998, 28, 807-812.	3.4	36
242	Effect of low-density lipoprotein receptor mutation on lipoproteins and cardiovascular disease risk: a parentâ€“offspring study. Atherosclerosis, 2005, 180, 93-99.	0.8	36
243	Glycemic Index and Glycemic Load and Their Association with C-Reactive Protein and Incident Type 2 Diabetes. Journal of Nutrition and Metabolism, 2011, 2011, 1-7.	1.8	36
244	Assessment of carotid atherosclerosis, intraplaque neovascularization, and plaque ulceration using quantitative contrast-enhanced ultrasound in asymptomatic patients with diabetes mellitus. European Heart Journal Cardiovascular Imaging, 2014, 15, 1213-1218.	1.2	36
245	Health economic evaluation of screening and treating children with familial hypercholesterolemia early in life: Many happy returns on investment?. Atherosclerosis, 2020, 304, 1-8.	0.8	36
246	High prevalence of impaired awareness of hypoglycemia and severe hypoglycemia among people with insulin-treated type 2 diabetes: The Dutch Diabetes Pearl Cohort. BMJ Open Diabetes Research and Care, 2020, 8, e000935.	2.8	36
247	Maternal inheritance of familial hypercholesterolemia caused by the V408M low-density lipoprotein receptor mutation increases mortality. Atherosclerosis, 2011, 219, 690-693.	0.8	35
248	TCF7L2 Genetic Variation Augments Incretin Resistance and Influences Response to a Sulfonylurea and Metformin: The Study to Understand the Genetics of the Acute Response to Metformin and Glipizide in Humans (SUGAR-MGH). Diabetes Care, 2018, 41, 554-561.	8.6	35
249	Meta-analysis of 49â€…549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant inANGPTL4determining fasting TG levels. Journal of Medical Genetics, 2016, 53, 441-449.	3.2	34
250	Lifestyle and Metformin Ameliorate Insulin Sensitivity Independently of the Genetic Burden of Established Insulin Resistance Variants in Diabetes Prevention Program Participants. Diabetes, 2016, 65, 520-526.	0.6	34
251	Thyroid dysfunction in patients with Down syndrome: Results from a multiâ€institutional registry study. American Journal of Medical Genetics, Part A, 2017, 173, 1539-1545.	1.2	34
252	The emerging concept of â€œindividualized cholesterol-lowering therapyâ€: A change in paradigm. , 2019, 199, 111-116.		34

#	Article	IF	Citations
253	Anxiety and depression in diabetes care: longitudinal associations with health-related quality of life. Scientific Reports, 2020, 10, 8307.	3.3	34
254	Red wine polyphenols do not lower peripheral or central blood pressure in high normal blood pressure and hypertension. American Journal of Hypertension, 2012, 25, 718-723.	2.0	33
255	Transethnic Evaluation Identifies Low-Frequency Loci Associated With 25-Hydroxyvitamin D Concentrations. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1380-1392.	3.6	33
256	Mendelian Randomization Analysis of Hemoglobin A1c as a Risk Factor for Coronary Artery Disease. Diabetes Care, 2019, 42, 1202-1208.	8.6	33
257	Alterations in Brain Cholesterol Metabolism in the APPSLxPS1mut mouse, a Model for Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 19, 117-127.	2.6	32
258	Precision medicine in diabetes: an opportunity for clinical translation. Annals of the New York Academy of Sciences, 2018, 1411, 140-152.	3.8	32
259	Severe Hyperlipidemia in Apolipoprotein E2 Homozygotes Due to a Combined Effect of Hyperinsulinemia and anSstI Polymorphism. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 2722-2729.	2.4	31
260	Complement Factor H polymorphism Y402H associates with inflammation, visual acuity, and cardiovascular mortality in the elderly population at large. Experimental Gerontology, 2007, 42, 1116-1122.	2.8	31
261	Usefulness of Genetic Polymorphisms and Conventional Risk Factors to Predict Coronary Heart Disease in Patients With Familial Hypercholesterolemia. American Journal of Cardiology, 2009, 103, 375-380.	1.6	31
262	Impact of Common Variation in Bone-Related Genes on Type 2 Diabetes and Related Traits. Diabetes, 2012, 61, 2176-2186.	0.6	31
263	The effect of LDLR-negative genotype on CT coronary atherosclerosis in asymptomatic statin treated patients with heterozygous familial hypercholesterolemia. Atherosclerosis, 2013, 227, 334-341.	0.8	31
264	Assessment of subclinical atherosclerosis and intraplaque neovascularization using quantitative contrast-enhanced ultrasound in patients with familial hypercholesterolemia. Atherosclerosis, 2013, 231, 107-113.	0.8	31
265	Pathways Targeted by Antidiabetes Drugs Are Enriched for Multiple Genes Associated With Type 2 Diabetes Risk. Diabetes, 2015, 64, 1470-1483.	0.6	31
266	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. Scientific Data, 2017, 4, 170179.	5.3	31
267	Cardiovascular risk in patients with familial hypercholesterolemia using optimal lipid-lowering therapy. Journal of Clinical Lipidology, 2018, 12, 409-416.	1.5	31
268	Genetic risk profiling for prediction of type 2 diabetes. PLOS Currents, 2011, 3, RRN1208.	1.4	31
269	Does aortic stiffness improve the prediction of coronary heart disease in elderly? The Rotterdam Study. Journal of Human Hypertension, 2012, 26, 28-34.	2.2	30
270	The Diabetes Pearl: Diabetes biobanking in The Netherlands. BMC Public Health, 2012, 12, 949.	2.9	30

#	Article	IF	Citations
271	Validity of Type D personality in Iceland: association with disease severity and risk markers in cardiac patients. Journal of Behavioral Medicine, 2012, 35, 155-166.	2.1	30
272	Resistin and all-cause and cardiovascular mortality: effect modification by adiponectin in end-stage kidney disease patients. Nephrology Dialysis Transplantation, 2013, 28, iv181-iv187.	0.7	30
273	Familial hypercholesterolaemia: cholesterol efflux and coronary disease. European Journal of Clinical Investigation, 2016, 46, 643-650.	3.4	30
274	Effect of diet-induced weight loss on lipoprotein(a) levels in obese individuals with and without type 2 diabetes. Diabetologia, 2017, 60, 989-997.	6.3	30
275	Genetic Determinants of Glycemic Traits and the Risk of Gestational Diabetes Mellitus. Diabetes, 2018, 67, 2703-2709.	0.6	30
276	Genetic Modulation of Lipid Profiles following Lifestyle Modification or Metformin Treatment: The Diabetes Prevention Program. PLoS Genetics, 2012, 8, e1002895.	3.5	29
277	Lipoprotein(a) is robustly associated with aortic valve calcium. Heart, 2021, 107, 1422-1428.	2.9	29
278	Type 2 Diabetes Partitioned Polygenic Scores Associate With Disease Outcomes in 454,193 Individuals Across 13 Cohorts. Diabetes Care, 2022, 45, 674-683.	8.6	29
279	A Methodological Perspective on Genetic Risk Prediction Studies in Type 2 Diabetes: Recommendations for Future Research. Current Diabetes Reports, 2011, 11, 511-518.	4.2	28
280	Daily Red Wine Consumption Improves Vascular Function by a Soluble Guanylyl Cyclase-Dependent Pathway. American Journal of Hypertension, 2011, 24, 162-168.	2.0	28
281	Characterization of coagulation factor synthesis in nine human primary cell types. Scientific Reports, 2012, 2, 787.	3.3	28
282	Effect of Phosphodiesterase Inhibition on Insulin Resistance in Obese Individuals. Journal of the American Heart Association, 2014, 3, e001001.	3.7	28
283	Lipoprotein (a) levels are not associated with carotid plaques and carotid intima media thickness in statin-treated patients with familial hypercholesterolemia. Atherosclerosis, 2015, 242, 226-229.	0.8	28
284	Quantitative Contrast-Enhanced Ultrasound of Intraplaque Neovascularization in Patients with Carotid Atherosclerosis. Ultraschall in Der Medizin, 2015, 36, 154-161.	1.5	28
285	Maternal inheritance does not predict cholesterol levels in children with familial hypercholesterolemia. Atherosclerosis, 2015, 243, 155-160.	0.8	28
286	Proprotein convertase subtilisin/kexin 9Âinhibition in patients with familial hypercholesterolemia: Initial clinical experience. Journal of Clinical Lipidology, 2017, 11, 674-681.	1.5	28
287	Novel protein biomarkers associated with coronary artery disease in statin-treated patients with familial hypercholesterolemia. Journal of Clinical Lipidology, 2017, 11, 682-693.	1.5	28
288	Evaluating the contribution of rare variants to type 2 diabetes and related traits using pedigrees. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 379-384.	7.1	28

#	Article	IF	Citations
289	Quality of dietary fat and genetic risk of type 2 diabetes: individual participant data meta-analysis. BMJ: British Medical Journal, 2019, 366, l4292.	2.3	28
290	The T705I mutation of the low density lipoprotein receptor gene (FH Paris-9) does not cause familial hypercholesterolemia. Human Genetics, 1996, 99, 106-107.	3.8	27
291	Familial Defective Apolipoprotein B Versus Familial Hypercholesterolemia: An Assessment of Risk. Seminars in Vascular Medicine, 2004, 4, 259-264.	2.1	27
292	Mortality Risk of Untreated Myosin-Binding Protein Câ€“Related Hypertrophic Cardiomyopathy. Journal of the American College of Cardiology, 2011, 58, 2406-2414.	2.8	27
293	The Genetic Basis of Type 2 Diabetes in Hispanics and Latin Americans: Challenges and Opportunities. Frontiers in Public Health, 2017, 5, 329.	2.7	27
294	Lack of association of two common polymorphisms on 9p21 with risk of coronary heart disease and myocardial infarction; results from a prospective cohort study. BMC Medicine, 2008, 6, 30.	5.5	26
295	Two Common Haplotypes of the Glucocorticoid Receptor Gene Are Associated with Increased Susceptibility to Cardiovascular Disease in Men with Familial Hypercholesterolemia. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4902-4908.	3.6	26
296	Red wine extract protects against oxidative-stress-induced endothelial senescence. Clinical Science, 2012, 123, 499-507.	4.3	26
297	Variation in Glucose Homeostasis Traits Associated With P2RX7 Polymorphisms in Mice and Humans. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E688-E696.	3.6	26
298	Season-dependent associations of circadian rhythm-regulating loci (CRY1, CRY2 and MTNR1B) and glucose homeostasis: the GLACIER Study. Diabetologia, 2015, 58, 997-1005.	6.3	26
299	Interplay of Dinner Timing andMTNR1BType 2 Diabetes Risk Variant on Glucose Tolerance and Insulin Secretion: A Randomized Crossover Trial. Diabetes Care, 2022, 45, 512-519.	8.6	26
300	Epistatic Effect of Cholesteryl Ester Transfer Protein and Hepatic Lipase on Serum High-Density Lipoprotein Cholesterol Levels. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2680-2687.	3.6	25
301	Heritabilities, apolipoprotein E, and effects of inbreeding on plasma lipids in a genetically isolated population: The Erasmus Rucphen Family Study. European Journal of Epidemiology, 2007, 22, 99-105.	5.7	25
302	Impact of an Alerting Clinical Decision Support System for Glucose Control on Protocol Compliance and Glycemic Control in the Intensive Cardiac Care Unit. Diabetes Technology and Therapeutics, 2011, 13, 343-349.	4.4	25
303	Carotid Plaque Burden as a Measure of Subclinical Coronary Artery Disease in Patients With Heterozygous Familial Hypercholesterolemia. American Journal of Cardiology, 2013, 111, 1305-1310.	1.6	25
304	Arterial stiffness and hypertension in a large population of untreated individuals. Journal of Hypertension, 2014, 32, 1606-1612.	0.5	25
305	Predicting non-adherence in patients with familial hypercholesterolemia. European Journal of Clinical Pharmacology, 2014, 70, 391-397.	1.9	25
306	Predictors and patterns of eating behaviors across childhood: Results from The Generation R study. Appetite, 2019, 141, 104295.	3.7	25

#	Article	IF	Citations
307	Plasma Phospholipid Transfer Protein Activity Is Decreased in Type 2 Diabetes During Treatment With Atorvastatin: A Role for Apolipoprotein E?. Diabetes, 2006, 55, 1491-1496.	0.6	24
308	Interactions between dietary vitamin E intake and SIRT1 genetic variation influence body mass index. American Journal of Clinical Nutrition, 2010, 91, 1387-1393.	4.7	24
309	Genetic variants associated with fasting glucose and insulin concentrations in an ethnically diverse population: results from the Population Architecture using Genomics and Epidemiology (PAGE) study. BMC Medical Genetics, 2013, 14, 98.	2.1	24
310	The anti-inflammatory function of high-density lipoprotein in type II diabetes: A systematic review. Journal of Clinical Lipidology, 2017, 11, 712-724.e5.	1.5	24
311	Rare coding variants in 35 genes associate with circulating lipid levelsâ€"A multi-ancestry analysis of 170,000 exomes. American Journal of Human Genetics, 2022, 109, 81-96.	6.2	24
312	Effect of Low-Density Lipoprotein Cholesterol on Angiotensin II Sensitivity. Hypertension, 2006, 47, 1125-1130.	2.7	23
313	Normotensive Women With Type 2 Diabetes and Microalbuminuria Are at High Risk for Macrovascular Disease. Diabetes Care, 2006, 29, 1851-1855.	8.6	23
314	Identification of Novel Type 2 Diabetes Candidate Genes Involved in the Crosstalk between the Mitochondrial and the Insulin Signaling Systems. PLoS Genetics, 2012, 8, e1003046.	3.5	23
315	No Interactions Between Previously Associated 2-Hour Glucose Gene Variants and Physical Activity or BMI on 2-Hour Glucose Levels. Diabetes, 2012, 61, 1291-1296.	0.6	23
316	Effect of Carotid Plaque Screening Using Contrast-Enhanced Ultrasound on Cardiovascular Risk Stratification. American Journal of Cardiology, 2013, 111, 754-759.	1.6	23
317	Type 2 Diabetes Monocyte MicroRNA and mRNA Expression: Dyslipidemia Associates with Increased Differentiation-Related Genes but Not Inflammatory Activation. PLoS ONE, 2015, 10, e0129421.	2.5	23
318	Lipid droplets hypertrophy: a crucial determining factor in insulin regulation by adipocytes. Scientific Reports, 2015, 5, 8816.	3.3	23
319	Carotid artery plaques and intima medial thickness in familial hypercholesteraemic patients on long-term statin therapy: A case control study. Atherosclerosis, 2017, 256, 62-66.	0.8	23
320	ADAMTS13 activity as a novel risk factor for incident type 2 diabetes mellitus: a population-based cohort study. Diabetologia, 2017, 60, 280-286.	6.3	23
321	High Diabetes Distress Among Ethnic Minorities Is Not Explained by Metabolic, Cardiovascular, or Lifestyle Factors: Findings From the Dutch Diabetes Pearl Cohort. Diabetes Care, 2018, 41, 1854-1861.	8.6	23
322	Association of the IgG N-glycome with the course of kidney function in type 2 diabetes. BMJ Open Diabetes Research and Care, 2020, 8, e001026.	2.8	23
323	Genome-Wide Meta-analysis Identifies Genetic Variants Associated With Glycemic Response to Sulfonylureas. Diabetes Care, 2021, 44, 2673-2682.	8.6	23
324	Effect of insulin resistance, apoE2 allele, and smoking on combined hyperlipidemia.. Arteriosclerosis and Thrombosis: A Journal of Vascular Biology, 1994, 14, 1576-1580.	3.9	22

#	Article	IF	Citations
325	Prognostic Significance of QRS Duration in Patients With Suspected Coronary Artery Disease Referred for Noninvasive Evaluation of Myocardial Ischemia. American Journal of Cardiology, 2009, 104, 1490-1493.	1.6	22
326	Genetic Risk of Progression to Type 2 Diabetes and Response to Intensive Lifestyle or Metformin in Prediabetic Women With and Without a History of Gestational Diabetes Mellitus. Diabetes Care, 2014, 37, 909-911.	8.6	22
327	Peripheral Blood Transcriptomic Signatures of Fasting Glucose and Insulin Concentrations. Diabetes, 2016, 65, 3794-3804.	0.6	22
328	Study on inflammation-related genes and microRNAs, with special emphasis on the vascular repair factor HGF and miR-574-3p, in monocytes and serum of patients with T2D. Diabetology and Metabolic Syndrome, 2016, 8, 6.	2.7	22
329	Group cognitive behavioural therapy and weight regain after diet in type 2 diabetes: results from the randomised controlled POWER trial. Diabetologia, 2018, 61, 790-799.	6.3	22
330	Metabolite Profiles of Incident Diabetes and Heterogeneity of Treatment Effect in the Diabetes Prevention Program. Diabetes, 2019, 68, 2337-2349.	0.6	22
331	A Polygenic Score for Type 2 Diabetes Risk Is Associated With Both the Acute and Sustained Response to Sulfonylureas. Diabetes, 2021, 70, 293-300.	0.6	22
332	Genetic analysis of dietary intake identifies new loci and functional links with metabolic traits. Nature Human Behaviour, 2022, 6, 155-163.	12.0	22
333	Arachidonate 5-lipoxygenase-activating protein (ALOX5AP) gene and coronary heart disease risk in familial hypercholesterolemia. Atherosclerosis, 2009, 203, 472-478.	0.8	21
334	Carotid Atherosclerosis Progression in Familial Hypercholesterolemia Patients. Circulation: Cardiovascular Imaging, 2010, 3, 398-404.	2.6	21
335	Association of an APOC3 promoter variant with type 2 diabetes risk and need for insulin treatment in lean persons. Diabetologia, 2011, 54, 1360-1367.	6.3	21
336	Long-term prognostic value of exercise technetium-99m tetrofosmin myocardial perfusion single-photon emission computed tomography. Journal of Nuclear Cardiology, 2012, 19, 907-913.	2.1	21
337	15-Year outcome after normal exercise 99mTc-sestamibi myocardial perfusion imaging: What is the duration of low risk after a normal scan?. Journal of Nuclear Cardiology, 2012, 19, 901-906.	2.1	21
338	Transancestral fine-mapping of four type 2 diabetes susceptibility loci highlights potential causal regulatory mechanisms. Human Molecular Genetics, 2016, 25, 2070-2081.	2.9	21
339	Prognostic Value of Coronary Computed Tomography Imaging in Patients at High Risk Without Symptoms of Coronary Artery Disease. American Journal of Cardiology, 2016, 117, 768-774.	1.6	21
340	Monogenic Diabetes in Youth With Presumed Type 2 Diabetes: Results From the Progress in Diabetes Genetics in Youth (ProDiGY) Collaboration. Diabetes Care, 2021, 44, 2312-2319.	8.6	21
341	Racial/Ethnic Differences in Association of Fasting Glucoseâ€“Associated Genomic Loci With Fasting Glucose, HOMA-B, and Impaired Fasting Glucose in the U.S. Adult Population. Diabetes Care, 2010, 33, 2370-2377.	8.6	20
342	The Influence of Rare Genetic Variation in SLC30A8 on Diabetes Incidence and Î²-Cell Function. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E926-E930.	3.6	20

#	Article	IF	Citations
343	Hyperoxia increases arterial oxygen pressure during exercise in type 2 diabetes patients: a feasibility study. European Journal of Medical Research, 2016, 21, 1.	2.2	20
344	Genetic Variation at the Sulfonylurea Receptor, Type 2 Diabetes, and Coronary Heart Disease. Diabetes, 2017, 66, 2310-2315.	0.6	20
345	Challenges and Opportunities for Cancer Predisposition Cascade Screening for Hereditary Breast and Ovarian Cancer and Lynch Syndrome in Switzerland: Findings from an International Workshop. Public Health Genomics, 2018, 21, 121-132.	1.0	20
346	The Study to Understand the Genetics of the Acute Response to Metformin and Glipizide in Humans (SUGAR-MGH): Design of a pharmacogenetic Resource for Type 2 Diabetes. PLoS ONE, 2015, 10, e0121553.	2.5	20
347	Clinical translation of genetic predictors for type 2 diabetes. Current Opinion in Endocrinology, Diabetes and Obesity, 2009, 16, 100-106.	2.3	19
348	Apolipoprotein CI Knock-Out Mice Display Impaired Memory Functions. Journal of Alzheimer's Disease, 2011, 23, 737-747.	2.6	19
349	National down syndrome patient database: Insights from the development of a multiâ€center registry study. American Journal of Medical Genetics, Part A, 2015, 167, 2520-2526.	1.2	19
350	Lifetime risk to progress from pre-diabetes to type 2 diabetes among women and men: comparison between American Diabetes Association and World Health Organization diagnostic criteria. BMJ Open Diabetes Research and Care, 2020, 8, e001529.	2.8	19
351	Lipoprotein(a) plasma levels are not associated with incident microvascular complications in type 2 diabetes mellitus. Diabetologia, 2020, 63, 1248-1257.	6.3	19
352	The comparative effect of exposure to various risk factors on the risk of hyperuricaemia: diet has a weak causal effect. Arthritis Research and Therapy, 2021, 23, 75.	3.5	19
353	The SLC16A11 risk haplotype is associated with decreased insulin action, higher transaminases and large-size adipocytes. European Journal of Endocrinology, 2019, 180, 99-107.	3.7	19
354	Introduction of the DiaGene study: clinical characteristics, pathophysiology and determinants of vascular complications of type 2 diabetes. Diabetology and Metabolic Syndrome, 2017, 9, 47.	2.7	18
355	Patent foramen ovale and hypercoagulability as combined risk factors for stroke. Journal of Stroke and Cerebrovascular Diseases, 2003, 12, 114-118.	1.6	17
356	Apolipoprotein Isoform E4 Does Not Increase Coronary Heart Disease Risk in Carriers of Low-Density Lipoprotein Receptor Mutations. Circulation: Cardiovascular Genetics, 2011, 4, 655-660.	5.1	17
357	Assessment of subclinical atherosclerosis using contrast-enhanced ultrasound. European Heart Journal Cardiovascular Imaging, 2013, 14, 56-61.	1.2	17
358	The doctor's dilemma: Challenges in the diagnosis and care of homozygous familial hypercholesterolemia. Journal of Clinical Lipidology, 2014, 8, 542-549.	1.5	17
359	Failing beta-cell adaptation in South Asian families with a high risk of type 2 diabetes. Acta Diabetologica, 2015, 52, 11-19.	2.5	17
360	Leveraging Genetics to Advance Type 2 Diabetes Prevention. PLoS Medicine, 2016, 13, e1002102.	8.4	17

#	Article	IF	Citations
361	Reversal of Agingâ€Induced Increases in Aortic Stiffness by Targeting Cytoskeletal Proteinâ€Protein Interfaces. Journal of the American Heart Association, 2018, 7, .	3.7	17
362	Sex differences in cardiometabolic risk factors, pharmacological treatment and risk factor control in type 2 diabetes: findings from the Dutch Diabetes Pearl cohort. BMJ Open Diabetes Research and Care, 2020, 8, e001365.	2.8	17
363	Polygenic scores, diet quality, and type 2 diabetes risk: An observational study among 35,759 adults from 3 US cohorts. PLoS Medicine, 2022, 19, e1003972.	8.4	17
364	The Kruppel-Like Factor 11 (KLF11) Q62R Polymorphism Is Not Associated With Type 2 Diabetes in 8,676 People. Diabetes, 2006, 55, 3620-3624.	0.6	16
365	Gene-load score of the reninâ€“angiotensinâ€“aldosterone system is associated with coronary heart disease in familial hypercholesterolaemia. European Heart Journal, 2008, 29, 1370-1376.	2.2	16
366	5-Lipoxygenase activating protein (ALOX5AP) gene variants associate with the presence of xanthomas in familial hypercholesterolemia. Atherosclerosis, 2009, 206, 223-227.	0.8	16
367	Variants at the Endocannabinoid Receptor CB1 Gene (CNR1) and Insulin Sensitivity, Type 2 Diabetes, and Coronary Heart Disease. Obesity, 2011, 19, 2031-2037.	3.0	16
368	Single nucleotide polymorphisms in genes that are associated with a modified response to statin therapy: the Rotterdam Study. Pharmacogenomics Journal, 2011, 11, 72-80.	2.0	16
369	The Prevention Of WEight Regain in diabetes type 2 (POWER) study: the effectiveness of adding a combined psychological intervention to a very low calorie diet, design and pilot data of a randomized controlled trial. BMC Public Health, 2012, 12, 1026.	2.9	16
370	Association of African genetic ancestry with fasting glucose and HbA1c levels in non-diabetic individuals: the Boston Area Community Health (BACH) Prediabetes Study. Diabetologia, 2014, 57, 1850-1858.	6.3	16
371	Cardiac computed tomography imaging in familial hypercholesterolaemia. Current Opinion in Lipidology, 2015, 26, 586-592.	2.7	16
372	Variation in Maturity-Onset Diabetes of the Young Genes Influence Response to Interventions for Diabetes Prevention. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2678-2689.	3.6	16
373	Sex difference in the incidence of microvascular complications in patients with type 2 diabetes mellitus: a prospective cohort study. Acta Diabetologica, 2020, 57, 725-732.	2.5	16
374	The Apolipoprotein Îµ4 Allele Confers Additional Risk in Children with Familial Hypercholesterolemia. Pediatric Research, 2003, 53, 1008-1012.	2.3	15
375	A Functional Polymorphism in the Glucocorticoid Receptor Gene and Its Relation to Cardiovascular Disease Risk in Familial Hypercholesterolemia. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4131-4136.	3.6	15
376	Complement factor H Y402H decreases cardiovascular disease risk in patients with familial hypercholesterolaemia. European Heart Journal, 2009, 30, 618-623.	2.2	15
377	Genetic polymorphisms in the DRD2, DRD3, and SLC6A3 gene in elderly patients with delirium. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 38-45.	1.7	15
378	The role of HSP70 on ENPP1 expression and insulin-receptor activation. Journal of Molecular Medicine, 2009, 87, 139-144.	3.9	15

#	Article	IF	Citations
379	Role of plasma adiponectin on the HDL-cholesterol raising effect of atorvastatin in patients with type 2 diabetes. Current Medical Research and Opinion, 2009, 25, 93-101.	1.9	15
380	The fat-mass and obesity-associated gene (FTO) predicts mortality in chronic kidney disease of various severity. Nephrology Dialysis Transplantation, 2012, 27, iv58-iv62.	0.7	15
381	Identifying genetic risk variants for coronary heart disease in familial hypercholesterolemia: an extreme genetics approach. European Journal of Human Genetics, 2015, 23, 381-387.	2.8	15
382	Trajectories of BMI Before Diagnosis of Type 2 Diabetes: The Rotterdam Study. Obesity, 2020, 28, 1149-1156.	3.0	15
383	Catechol-O-methyltransferase association with hemoglobin A1c. Metabolism: Clinical and Experimental, 2016, 65, 961-967.	3.4	14
384	Detecting celiac disease in patients with Down syndrome. American Journal of Medical Genetics, Part A, 2016, 170, 3098-3105.	1.2	14
385	Mining the Genome for Therapeutic Targets. Diabetes, 2017, 66, 1770-1778.	0.6	14
386	Plasma protein N-glycosylation is associated with cardiovascular disease, nephropathy, and retinopathy in type 2 diabetes. BMJ Open Diabetes Research and Care, 2021, 9, e002345.	2.8	14
387	Oral Glucose Tolerance Test-based Measures of Insulin Secretory Response in Pregnancy. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1871-e1878.	3.6	14
388	Genetics of Diabetic Kidney Disease. Seminars in Nephrology, 2016, 36, 474-480.	1.6	13
389	Diet-induced weight loss and markers of endothelial dysfunction and inflammation in treated patients with type 2 diabetes. Clinical Nutrition ESPEN, 2016, 15, 101-106.	1.2	13
390	Transcription factor 7-like 2 gene links increased in vivo insulin synthesis to type 2 diabetes. EBioMedicine, 2018, 30, 295-302.	6.1	13
391	A Polygenic Lipodystrophy Genetic Risk Score Characterizes Risk Independent of BMI in the Diabetes Prevention Program. Journal of the Endocrine Society, 2019, 3, 1663-1677.	0.2	13
392	High-density haplotype structure and association testing of the insulin-degrading enzyme (IDE) gene with type 2 diabetes in 4,206 people. Diabetes, 2006, 55, 128-35.	0.6	13
393	Diagnostic value of post-heparin lipase testing in detecting common genetic variants in the LPL and LIPC genes. European Journal of Human Genetics, 2009, 17, 1386-1393.	2.8	12
394	A frequent variant in the ABCA1 gene is associated with increased coronary heart disease risk and a better response to statin treatment in familial hypercholesterolemia patients. European Heart Journal, 2011, 32, 469-475.	2.2	12
395	Association of Levels of Fasting Glucose and Insulin With Rare Variants at the Chromosome 11p11.2-MADD Locus. Circulation: Cardiovascular Genetics, 2014, 7, 374-382.	5.1	12
396	Increased aortic stiffness and blood pressure in nonâ€classic Pompe disease. Journal of Inherited Metabolic Disease, 2014, 37, 391-397.	3.6	12

#	Article	IF	Citations
397	Association of a 62 Variants Type 2 Diabetes Genetic Risk Score With Markers of Subclinical Atherosclerosis. Circulation: Cardiovascular Genetics, 2015, 8, 507-515.	5.1	12
398	Genetic ancestry markers and difference in A1c between African-American and White in the Diabetes Prevention Program. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 328-336.	3.6	12
399	Interaction of diabetes genetic risk and successful lifestyle modification in the Diabetes Prevention Programme. Diabetes, Obesity and Metabolism, 2021, 23, 1030-1040.	4.4	12
400	Genetic Factors Are Relevant and Independent Determinants of Antihypertensive Drug Effects in a Multiracial Population. American Journal of Hypertension, 2009, 22, 1295-1302.	2.0	11
401	Does Metformin Work for Everyone? A Genome-wide Association Study for Metformin Response. Current Diabetes Reports, 2011, 11, 467-469.	4.2	11
402	Patients with chronic gastrointestinal ischemia have a higher cardiovascular disease risk and mortality. Atherosclerosis, 2012, 224, 235-241.	0.8	11
403	Genome-wide geneâ€“diet interaction analysis in the UK Biobank identifies novel effects on hemoglobin A1c. Human Molecular Genetics, 2021, 30, 1773-1783.	2.9	11
404	Age-related obesity and type 2 diabetes dysregulate neuronal associated genes and proteins in humans. Oncotarget, 2015, 6, 29818-29832.	1.8	11
405	Alcohol consumption had no beneficial effect on serum lipids in a substantial proportion of patients with primary hyperlipidemia. Journal of Clinical Epidemiology, 2000, 53, 1020-1024.	5.0	10
406	Common variants in and near IRS1 and subclinical cardiovascular disease in the Framingham Heart Study. Atherosclerosis, 2013, 229, 149-154.	0.8	10
407	Levels of the soluble LDL receptor-relative LR11 decrease in overweight individuals with type 2 diabetes upon diet-induced weight loss. Atherosclerosis, 2016, 254, 67-72.	0.8	10
408	Short-term vascular hemodynamic responses to isometric exercise in young adults and in the elderly. Clinical Interventions in Aging, 2018, Volume 13, 509-514.	2.9	10
409	The Need for Precision Medicine to be Applied to Diabetes. Journal of Diabetes Science and Technology, 2020, 14, 1122-1128.	2.2	10
410	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. PLoS ONE, 2020, 15, e0230815.	2.5	10
411	Genetic Loci and Physiologic Pathways Involved in Gestational Diabetes Mellitus Implicated Through Clustering. Diabetes, 2021, 70, 268-281.	0.6	10
412	Mortality Risk Prediction by an Insurance Company and Long-Term Follow-Up of 62,000 Men. PLoS ONE, 2009, 4, e5457.	2.5	10
413	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. Diabetes Care, 2022, 45, 232-240.	8.6	10
414	Genetic Associations with Metabolic Syndrome and Its Quantitative Traits by Race/Ethnicity in the United States. Metabolic Syndrome and Related Disorders, 2011, 9, 475-482.	1.3	9

#	Article	IF	Citations
415	Impact of gender on the density of intraplaque neovascularization: AÂquantitative contrast-enhanced ultrasound study. Atherosclerosis, 2014, 233, 461-466.	0.8	9
416	LR11/SorLA links triglyceride-rich lipoproteins to risk of developing cardiovascular disease in FH patients. Atherosclerosis, 2015, 243, 429-437.	0.8	9
417	Lomitapide affects HDL composition and function. Atherosclerosis, 2016, 251, 15-18.	0.8	9
418	Large-Scale Analysis of Apolipoprotein CIII Glycosylation by Ultrahigh Resolution Mass Spectrometry. Frontiers in Chemistry, 2021, 9, 678883.	3.6	9
419	Genetic susceptibility, obesity and lifetime risk of type 2 diabetes: The ARIC study and Rotterdam Study. Diabetic Medicine, 2021, 38, e14639.	2.3	9
420	Haplotype of the angiotensinogen gene is associated with coronary heart disease in familial hypercholesterolemia. Journal of Hypertension, 2008, 26, 462-467.	0.5	8
421	Fine mapping the CETP region reveals a common intronic insertion associated to HDL-C. Npj Aging and Mechanisms of Disease, 2015, 1, 15011.	4.5	8
422	Predictors of Diet-Induced Weight Loss in Overweight Adults with Type 2 Diabetes. PLoS ONE, 2016, 11, e0160774.	2.5	8
423	Analysis of Glucocorticoid-Related Genes Reveal CCHCR1 as a New Candidate Gene for Type 2 Diabetes. Journal of the Endocrine Society, 2020, 4, bvaa121.	0.2	8
424	Metformin and statin use associate with plasma protein N-glycosylation in people with type 2 diabetes. BMJ Open Diabetes Research and Care, 2020, 8, e001230.	2.8	8
425	Biogeographic Ancestry Is Associated with Higher Total Body Adiposity among African-American Females: The Boston Area Community Health Survey. PLoS ONE, 2015, 10, e0122808.	2.5	8
426	Effect of apolipoprotein E and insulin resistance on VLDL particles in combined hyperlipidemic patients. Atherosclerosis, 1996, 126, 197-205.	0.8	7
427	Genetic Susceptibility to Type 2 Diabetes and Implications for Therapy. Journal of Diabetes Science and Technology, 2009, 3, 690-696.	2.2	7
428	Clinical and genetic factors influencing cardiovascular risk in patients with familial hypercholesterolemia. Clinical Lipidology, 2010, 5, 189-197.	0.4	7
429	Aging and Left Ventricular Mass and Function in People with Endâ€Stage Renal Disease. Journal of the American Geriatrics Society, 2011, 59, 1636-1641.	2.6	7
430	Case 17-2013. New England Journal of Medicine, 2013, 368, 2126-2136.	27.0	7
431	Low-density lipoprotein receptor mutations generate synthetic genome-wide associations. European Journal of Human Genetics, 2013, 21, 563-566.	2.8	7
432	Pharmacogenetic Perturbations in Humans as a Tool to Generate Mechanistic Insight. Diabetes, 2013, 62, 3019-3021.	0.6	7

#	Article	IF	Citations
433	A genetic variant in <scp>SLC</scp>6A20 is associated with Type 2 diabetes in whiteâ€European and Chinese populations. Diabetic Medicine, 2014, 31, 1350-1356.	2.3	7
434	Excess mortality in mothers of patients with polycystic ovary syndrome. Human Reproduction, 2014, 29, 1780-1786.	0.9	7
435	Health Status and Psychological Distress in Patients with Non-compaction Cardiomyopathy: The Role of Burden Related to Symptoms and Genetic Vulnerability. International Journal of Behavioral Medicine, 2015, 22, 717-725.	1.7	7
436	Expression and Gene Variation Studies Deny Association of Human HSD3B1 Gene With Aldosterone Production or Blood Pressure. American Journal of Hypertension, 2015, 28, 113-120.	2.0	7
437	Found in Translation: A Type 1 Diabetes Genetic Risk Score Applied to Clinical Diagnosis. Diabetes Care, 2016, 39, 330-332.	8.6	7
438	Pleiotropic Effect of Human ApoE4 on Cerebral Ceramide and Saturated Fatty Acid Levels. Journal of Alzheimer's Disease, 2017, 60, 769-781.	2.6	7
439	Soluble LR11 associates with aortic root calcification in asymptomatic treated male patients with familial hypercholesterolemia. Atherosclerosis, 2017, 265, 299-304.	0.8	7
440	Six-Year Diabetes Incidence After Genetic Risk Testing and Counseling: A Randomized Clinical Trial. Diabetes Care, 2018, 41, e25-e26.	8.6	7
441	Effects of Sex, Age, and Apolipoprotein E Genotype on Brain Ceramides and Sphingosine-1-Phosphate in Alzheimerâ€™s Disease and Control Mice. Frontiers in Aging Neuroscience, 2021, 13, 765252.	3.4	7
442	Recessive Genome-Wide Meta-analysis Illuminates Genetic Architecture of Type 2 Diabetes. Diabetes, 2022, 71, 554-565.	0.6	7
443	Prediction of 9-year cardiovascular outcomes by myocardial perfusion imaging in patients with normal exercise electrocardiographic testing. European Heart Journal Cardiovascular Imaging, 2012, 13, 900-904.	1.2	6
444	Nitrite- and nitroxyl-induced relaxation in porcine coronary (micro-) arteries: Underlying mechanisms and role as endothelium-derived hyperpolarizing factor(s). Pharmacological Research, 2012, 66, 409-418.	7.1	6
445	A stable isotope method for in vivo assessment of human insulin synthesis and secretion. Acta Diabetologica, 2016, 53, 935-944.	2.5	6
446	Discriminative Ability of Plasma Branched-Chain Amino Acid Levels for Glucose Intolerance in Families At Risk for Type 2 Diabetes. Metabolic Syndrome and Related Disorders, 2016, 14, 175-181.	1.3	6
447	Gain-of-Function Claims for Type-2-Diabetes-Associated Coding Variants in SLC16A11 Are Not Supported by the Experimental Data. Cell Reports, 2019, 29, 778-780.	6.4	6
448	Sequencing Cell-free Fetal DNA in Pregnant Women With GCK-MODY. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2678-2689.	3.6	6
449	Genetic Architecture of Plasma Alphaâ€Aminoadipic Acid Reveals a Relationship With Highâ€Density Lipoprotein Cholesterol. Journal of the American Heart Association, 2022, 11, .	3.7	6
450	Measures of body composition and risk of heart failure in the elderly: The Rotterdam study. Journal of Nutrition, Health and Aging, 2011, 15, 393-397.	3.3	5

#	Article	IF	Citations
451	Polymorphisms in the Melatonin Receptor 1B Gene and the Risk of Delirium. Dementia and Geriatric Cognitive Disorders, 2012, 33, 306-310.	1.5	5
452	Inhibition of PCSK9 in familial hypercholesterolaemia. Lancet, The, 2012, 380, 6-7.	13.7	5
453	It's Not Black and White: Individualizing Metformin Treatment in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 3125-3128.	3.6	5
454	Common variants in PCSK1 influence blood pressure and body mass index. Journal of Human Hypertension, 2015, 29, 82-86.	2.2	5
455	The Relationship of Metabolic Syndrome Traits with Beta-Cell Function and Insulin Sensitivity by Oral Minimal Model Assessment in South Asian and European Families Residing in the Netherlands. Journal of Diabetes Research, 2016, 2016, 1-9.	2.3	5
456	Comprehensive Analysis of Established Dyslipidemia-Associated Loci in the Diabetes Prevention Program. Circulation: Cardiovascular Genetics, 2016, 9, 495-503.	5.1	5
457	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. Scientific Reports, 2019, 9, 9439.	3.3	5
458	Mortality Risk Associated With Truncating Founder Mutations in Titin. Circulation Genomic and Precision Medicine, 2019, 12, e002436.	3.6	5
459	The effect of monomeric and oligomeric FLAVAnols in patients with type 2 diabetes and microalbuminuria (FLAVA-trial): A double-blind randomized controlled trial. Clinical Nutrition, 2021, 40, 5587-5594.	5.0	5
460	Familial hypercholesterolaemia. Lancet, The, 2001, 357, 1712.	13.7	4
461	Hypercalcemia and Local Production of Parathyroid Hormone-Related Protein by a Perisellar Rhabdomyosarcoma After Remote Pituitary Irradiation. Endocrine Practice, 2005, 11, 184-189.	2.1	4
462	Type 2 Diabetes and Genetics, 2010: Translating Knowledge into Understanding. Current Cardiovascular Risk Reports, 2010, 4, 437-445.	2.0	4
463	Individual and partner's level of occupation and the association with HbA_{1c} levels in people with Type 2 diabetes mellitus: the Dutch Diabetes Pearl cohort. Diabetic Medicine, 2017, 34, 1623-1628.	2.3	4
464	Use of monomeric and oligomeric flavanols in the dietary management of patients with type 2 diabetes mellitus and microalbuminuria (FLAVA trial): study protocol for a randomized controlled trial. Trials, 2018, 19, 379.	1.6	4
465	The effect of guideline revisions on vascular complications of type 2 diabetes. Therapeutic Advances in Endocrinology and Metabolism, 2019, 10, 204201881987540.	3.2	4
466	HDL associates with insulin resistance and beta-cell dysfunction in South Asian families at risk of type 2 diabetes. Journal of Diabetes and Its Complications, 2021, 35, 107993.	2.3	4
467	Alcohol Consumption and Mortality among Women. New England Journal of Medicine, 1995, 333, 1081-1082.	27.0	3
468	CardioPulse Articles * Focused Update of the ESC Guidelines on device therapy in heart failure * ESC recommendations for individual certification and institutional cardiovascular magnetic resonance accreditation, in Europe * The final, Climbing the academic ladder in cardiology: USA * There are two different career tracks for academic medicine in the USA * Company success: Genzyme * Genzyme's research in cardiovascular disease, putting rare conditions on centre stage * Towards individualized preventive ther. European Heart Journal, 2010, 31, 2559-2566.	2.2	3

#	Article	IF	Citations
469	Low-density lipoprotein receptorâ€“negative compound heterozygous familial hypercholesterolemia: Two lifetime journeys of lipid-lowering therapy. Journal of Clinical Lipidology, 2017, 11, 301-305.	1.5	3
470	Identification of a novel proinsulin-associated SNP and demonstration that proinsulin is unlikely to be a causal factor in subclinical vascular remodelling using Mendelian randomisation. Atherosclerosis, 2017, 266, 196-204.	0.8	3
471	Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traitsâ€”The Hispanic/Latino Anthropometry Consortium. Human Genetics and Genomics Advances, 2022, 3, 100099.	1.7	3
472	A novel integrated QSP model of in vivo human glucose regulation to support the development of a glucagon/GLPâ€1 dual agonist. CPT: Pharmacometrics and Systems Pharmacology, 2022, 11, 302-317.	2.5	3
473	Cardiovascular diseases in grandparents and the risk of congenital heart diseases in grandchildren. Journal of Developmental Origins of Health and Disease, 2014, 5, 152-158.	1.4	2
474	Post-glucose-load urinary C-peptide and glucose concentration obtained during OGTT do not affect oral minimal model-based plasma indices. Endocrine, 2016, 52, 253-262.	2.3	2
475	Oxidized <scp>LDL</scp>, Gammaâ€Glutamyltransferase and Adverse Outcomes in Older Adults. Journal of the American Geriatrics Society, 2017, 65, e77-e82.	2.6	2
476	Xanthomas and atheromas. Atherosclerosis, 2017, 263, 315.	0.8	2
477	Interpreting the Benefit of Simvastatin-Ezetimibe in Patients 75 Years or Older. JAMA Cardiology, 2020, 5, 234.	6.1	2
478	Genome-wide Association Study of Lipid Traits in Youth With Type 2 Diabetes. Journal of the Endocrine Society, 2021, 5, bvab139.	0.2	2
479	Association of GLP1R Polymorphisms With the Incretin Response. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 2580-2588.	3.6	2
480	Identification of three new mutations of the low density lipoprotein receptor gene in Dutch familial hypercholesterolemic patients. Human Mutation, 1998, 11, S172-S174.	2.5	1
481	Genetics of Drug Response in Diabetes. Frontiers in Diabetes, 2014, , 158-172.	0.4	1
482	Clinical Aspects of Transgenerational Epigenetics. , 2014, , 357-367.		1
483	Effect of statins on HDL in familial hypercholesterolemia patients. Atherosclerosis, 2016, 252, e112-e113.	0.8	1
484	Adaptation of ACMG/AMP guidelines for variant interpretation in familial hypercholesterolemia - A clingen fh expert panel pilot study. Atherosclerosis, 2018, 275, e98.	0.8	1
485	Extending precision medicine tools to populations at high risk of type 2 diabetes. PLoS Medicine, 2022, 19, e1003989.	8.4	1
486	Molecular Analysis of Cardiovascular Disease: Some Delay due to Gene-Environment Interactions. Seminars in Vascular Medicine, 2004, 4, 265-270.	2.1	0

#	Article	IF	Citations
487	W16-O-005 Efficacy and safety of statin therapy in children with familial hypercholesterolemia. Atherosclerosis Supplements, 2005, 6, 100.	1.2	0
488	Mo-W15:3 Plasma apolipoprotein AV in type 2 diabetes mellitus emphasizes that mice are not men. Atherosclerosis Supplements, 2006, 7, 38.	1.2	0
489	Dyslipidemia. , 2006, , 536-548.		0
490	The dawn of prospective pharmacogenetic testing in type 2 diabetes. Current Diabetes Reports, 2009, 9, 95-97.	4.2	0
491	Novel genetic findings applied to the clinic in type 2 diabetes. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2009, 56, 21-25.	0.8	0
492	Chronic Gastrointestinal Ischemia Due to Atherosclerotic Narrowing is Related to Classical Risk Factors for Cardiovascular Disease. Gastroenterology, 2011, 140, S-699.	1.3	0
493	More on advances in imaging angiogenesis and inflammation in atherosclerosis. Thrombosis and Haemostasis, 2011, 105, 920-921.	3.4	0
494	Response to the Letter by Singh et al Regarding â€œApolipoprotein Isoform E4 Does Not Increase Coronary Heart Disease Risk in Carriers of Low-Density Lipoprotein Receptor Mutationsâ€• Circulation: Cardiovascular Genetics, 2012, 5, .	5.1	0
495	PS4 - 3. Weight reduction decreases soluble LR11 in patients with type 2 diabetes. Nederlands Tijdschrift Voor Diabetologie, 2013, 11, 144-144.	0.0	0
496	The effect of LP(a) in patients with heterozygous familial hypercholesterolemia on coronary plaque burden and calcium score determined by CT. European Heart Journal, 2013, 34, P5174-P5174.	2.2	0
497	Lack of interaction of beta-cell-function-associated variants with hypertension on change in fasting glucose and diabetes risk. Journal of Hypertension, 2013, 31, 1001-1009.	0.5	0
498	Insights From Monogenic Diabetes and Glycemic Treatment Goals for Common Types of Diabetes. JAMA - Journal of the American Medical Association, 2014, 311, 249.	7.4	0
499	Genome-Wide Association Studies of Glycaemic Traits: A MAGICal Journey. Frontiers in Diabetes, 2014, , 42-57.	0.4	0
500	Treatment of a compound heterozygous familial hypercholesterolemia patient with lomitapide. Atherosclerosis, 2014, 235, e263.	0.8	0
501	LP(a) is not associated with c-imt or the presence of carotid plaques in statin treated fh or fch patients. Atherosclerosis, 2014, 235, e165-e166.	0.8	0
502	Response to inquiry by Gaylinn et al. on â€˜Administration of UAG improves glycemic control in obese subjects with diabetesâ€™. European Journal of Endocrinology, 2015, 173, L3-L4.	3.7	0
503	Lomitapide treatment highly affects lipoprotein profile andÂHDL functionality in patients with familial hypercholesterolemia. Atherosclerosis, 2015, 241, e112.	0.8	0
504	Genetics and biobanks converge to resolve a vexing knowledge gap in diabetes. Lancet Diabetes and Endocrinology,the, 2018, 6, 87-89.	11.4	0

#	Article	IF	Citations
505	Clinical aspects of transgenerational epigenetics. , 2019, , 465-483.		0
506	Genome-Wide Meta-Analysis Identifies the Organic Anion-Transporting Polypeptide Gene <i>SLCO1B1</i> and Statins as Modifiers of Glycemic Response to Sulfonylureas. SSRN Electronic Journal, 0, , .	0.4	0
507	Breakfast partly restores the anti-inflammatory function of high-density lipoproteins from patients with type 2 diabetes mellitus. Atherosclerosis Plus, 2021, 44, 43-43.	0.7	0
508	THE ANGIOTENSINOGEN M235T POLYMORPHISM AND SYSTOLIC BLOOD PRESSURE IN A DUTCH MULTI-ETHNIC STUDY. Journal of Hypertension, 2004, 22, S342.	0.5	0
509	Complex genetics of monogenic familial hypercholesterolemia. Future Lipidology, 2006, 1, 527-538.	0.5	0
510	Molecular Imaging of Inflammation and Intraplaque Vasa Vasorum. , 2014, , 299-316.		0
511	Pulmonary Pressure as a Novel Prognostic Biomarker in Renal Patients. , 2016, , 1121-1141.		0
512	Polyunsaturated Fatty Acid Desaturaseâ€Mediated NAD + Recycling Permits Ongoing Glycolysis and Cell Proliferation. FASEB Journal, 2018, 32, 672.4.	0.5	0
513	Towards individualized preventive therapy. European Heart Journal, 2010, 31, 2565-6a.	2.2	0
514	Quantitative trait loci, GÃ—E and GÃ—G for glycemic traits: response to metformin and placebo in the Diabetes Prevention Program (DPP). Journal of Human Genetics, 2022, , .	2.3	0
515	Response to Comment on Dawed et al. Genome-Wide Meta-analysis Identifies Genetic Variants Associated With Glycemic Response to Sulfonylureas. Diabetes Care 2021;44:2673â€“2682. Diabetes Care, 2022, 45, e82-e83.	8.6	0
516	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. , 2020, 15, e0230815.		0
517	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. , 2020, 15, e0230815.		0
518	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. , 2020, 15, e0230815.		0
519	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. , 2020, 15, e0230815.		0