

Beverley Balkau

List of Publications by Citations

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173
papers

32,192
citations

82
h-index

179
g-index

179
ext. papers

36,257
ext. citations

13.3
avg, IF

5.58
L-index

#	Paper	IF	Citations
173	A genome-wide association study identifies novel risk loci for type 2 diabetes. <i>Nature</i> , 2007 , 445, 881-5	50.4	2327
172	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010 , 42, 937-48	36.3	2267
171	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010 , 42, 105-16	36.3	1673
170	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , 2012 , 44, 981-90	36.3	1482
169	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , 2010 , 42, 579-89	36.3	1449
168	Variation in FTO contributes to childhood obesity and severe adult obesity. <i>Nature Genetics</i> , 2007 , 39, 724-6	36.3	1205
167	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014 , 46, 234-44	36.3	784
166	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010 , 42, 949-60	36.3	724
165	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016 , 536, 41-47	50.4	704
164	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012 , 44, 991-1005	36.3	621
163	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012 , 44, 659-69	36.3	615
162	A multicenter, controlled trial of ursodiol for the treatment of primary biliary cirrhosis. UDCA-PBC Study Group. <i>New England Journal of Medicine</i> , 1991 , 324, 1548-54	59.2	615
161	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. <i>Nature Genetics</i> , 2010 , 42, 142-8	36.3	527
160	Genome-wide association study for early-onset and morbid adult obesity identifies three new risk loci in European populations. <i>Nature Genetics</i> , 2009 , 41, 157-9	36.3	521
159	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013 , 45, 145-54	36.3	505
158	International Day for the Evaluation of Abdominal Obesity (IDEA): a study of waist circumference, cardiovascular disease, and diabetes mellitus in 168,000 primary care patients in 63 countries. <i>Circulation</i> , 2007 , 116, 1942-51	16.7	487
157	Dysfunction of lipid sensor GPR120 leads to obesity in both mouse and human. <i>Nature</i> , 2012 , 483, 350-4	50.4	484

156	A variant near MTNR1B is associated with increased fasting plasma glucose levels and type 2 diabetes risk. <i>Nature Genetics</i> , 2009 , 41, 89-94	36.3	466
155	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017 , 66, 2888-2902	29.0	414
154	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
153	Ursodiol for the long-term treatment of primary biliary cirrhosis. The UDCA-PBC Study Group. <i>New England Journal of Medicine</i> , 1994 , 330, 1342-7	59.2	397
152	Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. <i>PLoS Medicine</i> , 2011 , 8, e1001116	11.6	379
151	Genetic variant near IRS1 is associated with type 2 diabetes, insulin resistance and hyperinsulinemia. <i>Nature Genetics</i> , 2009 , 41, 1110-5	36.3	356
150	Common variants at SCN5A-SCN10A and HEY2 are associated with Brugada syndrome, a rare disease with high risk of sudden cardiac death. <i>Nature Genetics</i> , 2013 , 45, 1044-9	36.3	345
149	New gene functions in megakaryopoiesis and platelet formation. <i>Nature</i> , 2011 , 480, 201-8	50.4	330
148	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. <i>PLoS Genetics</i> , 2012 , 8, e1002607	6	326
147	Common variants at 10 genomic loci influence hemoglobin A1C levels via glycemic and nonglycemic pathways. <i>Diabetes</i> , 2010 , 59, 3229-39	0.9	314
146	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015 , 47, 1415-25	36.3	292
145	Rare MTNR1B variants impairing melatonin receptor 1B function contribute to type 2 diabetes. <i>Nature Genetics</i> , 2012 , 44, 297-301	36.3	279
144	Transcription factor TCF7L2 genetic study in the French population: expression in human beta-cells and adipose tissue and strong association with type 2 diabetes. <i>Diabetes</i> , 2006 , 55, 2903-8	0.9	271
143	Frequency of the WHO metabolic syndrome in European cohorts, and an alternative definition of an insulin resistance syndrome. <i>Diabetes and Metabolism</i> , 2002 , 28, 364-76	5.4	270
142	The prevalence of and factors associated with diabetic retinopathy in the Australian population. <i>Diabetes Care</i> , 2003 , 26, 1731-7	14.6	264
141	Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012 , 492, 369-75	50.4	257
140	Two new Loci for body-weight regulation identified in a joint analysis of genome-wide association studies for early-onset extreme obesity in French and German study groups. <i>PLoS Genetics</i> , 2010 , 6, e1000916	6	250
139	Fatty liver is associated with insulin resistance, risk of coronary heart disease, and early atherosclerosis in a large European population. <i>Hepatology</i> , 2009 , 49, 1537-44	11.2	248

138	Ethnic influences on the relations between abdominal subcutaneous and visceral adiposity, liver fat, and cardiometabolic risk profile: the International Study of Prediction of Intra-Abdominal Adiposity and Its Relationship With Cardiometabolic Risk/Intra-Abdominal Adiposity. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 714-26	7	242
137	Common nonsynonymous variants in PCSK1 confer risk of obesity. <i>Nature Genetics</i> , 2008 , 40, 943-5	36.3	242
136	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 97-105	18.1	225
135	Association Between Low-Density Lipoprotein Cholesterol-Lowering Genetic Variants and Risk of Type 2 Diabetes: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 1383-1391	37.4	225
134	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013 , 45, 621-31	36.3	219
133	Glycemic thresholds for diabetes-specific retinopathy: implications for diagnostic criteria for diabetes. <i>Diabetes Care</i> , 2011 , 34, 145-50	14.6	217
132	A polymorphism within the G6PC2 gene is associated with fasting plasma glucose levels. <i>Science</i> , 2008 , 320, 1085-8	33.3	199
131	Prevalence of melanocortin-4 receptor deficiency in Europeans and their age-dependent penetrance in multigenerational pedigrees. <i>Diabetes</i> , 2008 , 57, 2511-8	0.9	198
130	AUSDRISK: an Australian Type 2 Diabetes Risk Assessment Tool based on demographic, lifestyle and simple anthropometric measures. <i>Medical Journal of Australia</i> , 2010 , 192, 197-202	4	188
129	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018 , 50, 26-41	36.3	186
128	Predicting diabetes: clinical, biological, and genetic approaches: data from the Epidemiological Study on the Insulin Resistance Syndrome (DESIR). <i>Diabetes Care</i> , 2008 , 31, 2056-61	14.6	183
127	Physical activity and insulin sensitivity: the RISC study. <i>Diabetes</i> , 2008 , 57, 2613-8	0.9	182
126	Low copy number of the salivary amylase gene predisposes to obesity. <i>Nature Genetics</i> , 2014 , 46, 492-7	36.3	177
125	Adiponectin gene polymorphisms and adiponectin levels are independently associated with the development of hyperglycemia during a 3-year period: the epidemiologic data on the insulin resistance syndrome prospective study. <i>Diabetes</i> , 2004 , 53, 1150-7	0.9	172
124	Stratifying type 2 diabetes cases by BMI identifies genetic risk variants in LAMA1 and enrichment for risk variants in lean compared to obese cases. <i>PLoS Genetics</i> , 2012 , 8, e1002741	6	162
123	Non-synonymous polymorphisms in melanocortin-4 receptor protect against obesity: the two facets of a Janus obesity gene. <i>Human Molecular Genetics</i> , 2007 , 16, 1837-44	5.6	157
122	The amount and type of dairy product intake and incident type 2 diabetes: results from the EPIC-InterAct Study. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 382-90	7	156
121	The common P446L polymorphism in GCKR inversely modulates fasting glucose and triglyceride levels and reduces type 2 diabetes risk in the DESIR prospective general French population. <i>Diabetes</i> , 2008 , 57, 2253-7	0.9	147

120	ACDC/adiponectin polymorphisms are associated with severe childhood and adult obesity. <i>Diabetes</i> , 2006 , 55, 545-50	0.9	139
119	A genome-wide association search for type 2 diabetes genes in African Americans. <i>PLoS ONE</i> , 2012 , 7, e29202	3.7	138
118	Impact of common type 2 diabetes risk polymorphisms in the DESIR prospective study. <i>Diabetes</i> , 2008 , 57, 244-54	0.9	137
117	Use of HbA1c in predicting progression to diabetes in French men and women: data from an Epidemiological Study on the Insulin Resistance Syndrome (DESIR). <i>Diabetes Care</i> , 2006 , 29, 1619-25	14.6	137
116	Histopathological study of primary biliary cirrhosis and the effect of ursodeoxycholic acid treatment on histology progression. <i>Hepatology</i> , 1999 , 29, 1007-12	11.2	134
115	Insulin resistance, insulin response, and obesity as indicators of metabolic risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 2885-92	5.6	131
114	Common genetic variants highlight the role of insulin resistance and body fat distribution in type 2 diabetes, independent of obesity. <i>Diabetes</i> , 2014 , 63, 4378-4387	0.9	127
113	Blood microbiota dysbiosis is associated with the onset of cardiovascular events in a large general population: the D.E.S.I.R. study. <i>PLoS ONE</i> , 2013 , 8, e54461	3.7	127
112	Whole-exome sequencing and high throughput genotyping identified KCNJ11 as the thirteenth MODY gene. <i>PLoS ONE</i> , 2012 , 7, e37423	3.7	126
111	Dairy consumption and the incidence of hyperglycemia and the metabolic syndrome: results from a french prospective study, Data from the Epidemiological Study on the Insulin Resistance Syndrome (DESIR). <i>Diabetes Care</i> , 2011 , 34, 813-7	14.6	125
110	Post genome-wide association studies of novel genes associated with type 2 diabetes show gene-gene interaction and high predictive value. <i>PLoS ONE</i> , 2008 , 3, e2031	3.7	124
109	Combined effects of MC4R and FTO common genetic variants on obesity in European general populations. <i>Journal of Molecular Medicine</i> , 2009 , 87, 537-46	5.5	122
108	Metabolic syndrome in a sub-Saharan African setting: central obesity may be the key determinant. <i>Atherosclerosis</i> , 2007 , 193, 70-6	3.1	121
107	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-463	50.4	119
106	Long-term risk of incident type 2 diabetes and measures of overall and regional obesity: the EPIC-InterAct case-cohort study. <i>PLoS Medicine</i> , 2012 , 9, e1001230	11.6	118
105	Association between socioeconomic status and adiposity in urban Cameroon. <i>International Journal of Epidemiology</i> , 2006 , 35, 105-11	7.8	118
104	G-allele of intronic rs10830963 in MTNR1B confers increased risk of impaired fasting glycemia and type 2 diabetes through an impaired glucose-stimulated insulin release: studies involving 19,605 Europeans. <i>Diabetes</i> , 2009 , 58, 1450-6	0.9	111
103	Usefulness of measuring both body mass index and waist circumference for the estimation of visceral adiposity and related cardiometabolic risk profile (from the INSPIRE ME IAA study). <i>American Journal of Cardiology</i> , 2015 , 115, 307-15	3	106

102	Low water intake and risk for new-onset hyperglycemia. <i>Diabetes Care</i> , 2011 , 34, 2551-4	14.6	103
101	Lower educational level is a predictor of incident type 2 diabetes in European countries: the EPIC-InterAct study. <i>International Journal of Epidemiology</i> , 2012 , 41, 1162-73	7.8	103
100	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528	6	103
99	Comment on "A common genetic variant is associated with adult and childhood obesity". <i>Science</i> , 2007 , 315, 187; author reply 187	33.3	98
98	Nine-year incident diabetes is predicted by fatty liver indices: the French D.E.S.I.R. study. <i>BMC Gastroenterology</i> , 2010 , 10, 56	3	97
97	The genetic susceptibility to type 2 diabetes may be modulated by obesity status: implications for association studies. <i>BMC Medical Genetics</i> , 2008 , 9, 45	2.1	97
96	Leveraging cross-species transcription factor binding site patterns: from diabetes risk loci to disease mechanisms. <i>Cell</i> , 2014 , 156, 343-58	56.2	96
95	TCF7L2 variation predicts hyperglycemia incidence in a French general population: the data from an epidemiological study on the Insulin Resistance Syndrome (DESIR) study. <i>Diabetes</i> , 2006 , 55, 3189-92	0.9	93
94	Comparison between copeptin and vasopressin in a population from the community and in people with chronic kidney disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 4656-63	5.6	87
93	Prevalence of loss-of-function FTO mutations in lean and obese individuals. <i>Diabetes</i> , 2010 , 59, 311-8	0.9	83
92	Heterozygous mutations causing partial prohormone convertase 1 deficiency contribute to human obesity. <i>Diabetes</i> , 2012 , 61, 383-90	0.9	82
91	Relationship between procollagen III aminoterminal propeptide and hyaluronan serum levels and histological fibrosis in primary biliary cirrhosis and chronic viral hepatitis C. <i>Journal of Hepatology</i> , 1994 , 20, 388-93	13.4	80
90	A Mendelian Randomization Study of Circulating Uric Acid and Type 2 Diabetes. <i>Diabetes</i> , 2015 , 64, 3028-36	8.9	79
89	A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. <i>Science Translational Medicine</i> , 2016 , 8, 341ra76	17.5	77
88	Waist circumference and the metabolic syndrome predict the development of elevated albuminuria in non-diabetic subjects: the DESIR Study. <i>Journal of Hypertension</i> , 2006 , 24, 1157-63	1.9	76
87	Loss-of-function mutations in SIM1 contribute to obesity and Prader-Willi-like features. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3037-41	15.9	75
86	Association between large detectable clonal mosaicism and type 2 diabetes with vascular complications. <i>Nature Genetics</i> , 2013 , 45, 1040-3	36.3	72
85	Effects of TCF7L2 polymorphisms on obesity in European populations. <i>Obesity</i> , 2008 , 16, 476-82	8	72

84	R125W coding variant in TBC1D1 confers risk for familial obesity and contributes to linkage on chromosome 4p14 in the French population. <i>Human Molecular Genetics</i> , 2008 , 17, 1798-802	5.6	70
83	Diabetes care in an Australian population: frequency of screening examinations for eye and foot complications of diabetes. <i>Diabetes Care</i> , 2004 , 27, 688-93	14.6	66
82	Association of sirtuin 1 (SIRT1) gene SNPs and transcript expression levels with severe obesity. <i>Obesity</i> , 2012 , 20, 178-85	8	63
81	Clinical and biochemical expression of the histopathological lesions of primary biliary cirrhosis. UDCA-PBC Group. <i>Journal of Hepatology</i> , 1999 , 30, 408-12	13.4	62
80	Analysis of novel risk loci for type 2 diabetes in a general French population: the D.E.S.I.R. study. <i>Journal of Molecular Medicine</i> , 2008 , 86, 341-8	5.5	60
79	Body mass index, diabetes, and mortality in French women: explaining away a "paradox". <i>Epidemiology</i> , 2014 , 25, 10-4	3.1	57
78	The PPARG Pro12Ala polymorphism is associated with a decreased risk of developing hyperglycemia over 6 years and combines with the effect of the APM1 G-11391A single nucleotide polymorphism: the Data From an Epidemiological Study on the Insulin Resistance Syndrome (DESIR) study. <i>Diabetes</i> , 2006 , 55, 1157-62	0.9	53
77	A rare variant in the visfatin gene (NAMPT/PBEF1) is associated with protection from obesity. <i>Obesity</i> , 2009 , 17, 1549-53	8	52
76	Plasma Copeptin, AVP Gene Variants, and Incidence of Type 2 Diabetes in a Cohort From the Community. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2432-9	5.6	52
75	Effect of sedentary behaviour and vigorous physical activity on segment-specific carotid wall thickness and its progression in a healthy population. <i>European Heart Journal</i> , 2010 , 31, 1511-9	9.5	50
74	Ten-year changes in central obesity and BMI in rural and urban Cameroon. <i>Obesity</i> , 2008 , 16, 1144-7	8	47
73	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019 , 51, 452-469	36.3	44
72	Predictive factors in ursodeoxycholic acid-treated patients with primary biliary cirrhosis: role of serum markers of connective tissue. <i>Hepatology</i> , 1994 , 19, 635-40	11.2	43
71	Exposure to Bisphenol A and Bisphenol S and Incident Type 2 Diabetes: A Case-Cohort Study in the French Cohort D.E.S.I.R. <i>Environmental Health Perspectives</i> , 2019 , 127, 107013	8.4	42
70	Increases in waist circumference and weight as predictors of type 2 diabetes in individuals with impaired fasting glucose: influence of baseline BMI: data from the DESIR study. <i>Diabetes Care</i> , 2010 , 33, 1850-2	14.6	42
69	Analysis of common PTPN1 gene variants in type 2 diabetes, obesity and associated phenotypes in the French population. <i>BMC Medical Genetics</i> , 2006 , 7, 44	2.1	42
68	Gamma-glutamyltransferase, fatty liver index and hepatic insulin resistance are associated with incident hypertension in two longitudinal studies. <i>Journal of Hypertension</i> , 2017 , 35, 493-500	1.9	40
67	A combination of plasma phospholipid fatty acids and its association with incidence of type 2 diabetes: The EPIC-InterAct case-cohort study. <i>PLoS Medicine</i> , 2017 , 14, e1002409	11.6	39

66	HbA1c, fasting and 2 h plasma glucose in current, ex- and never-smokers: a meta-analysis. <i>Diabetologia</i> , 2014 , 57, 30-9	10.3	38
65	Dairy products and the metabolic syndrome in a prospective study, DESIR. <i>Journal of the American College of Nutrition</i> , 2011 , 30, 454S-63S	3.5	38
64	The loss-of-function PCSK9 p.R46L genetic variant does not alter glucose homeostasis. <i>Diabetologia</i> , 2015 , 58, 2051-5	10.3	36
63	Insulin sensitivity and carotid intima-media thickness: relationship between insulin sensitivity and cardiovascular risk study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1409-17	9.4	36
62	Relationship between salivary/pancreatic amylase and body mass index: a systems biology approach. <i>BMC Medicine</i> , 2017 , 15, 37	11.4	35
61	Influence of the ACE gene insertion/deletion polymorphism on insulin sensitivity and impaired glucose tolerance in healthy subjects. <i>Diabetes Care</i> , 2008 , 31, 789-94	14.6	35
60	Hemoglobin A1c and fasting plasma glucose levels as predictors of retinopathy at 10 years: the French DESIR study. <i>JAMA Ophthalmology</i> , 2011 , 129, 188-95		34
59	Serum bile acids and cholestasis in alcoholic hepatitis. Relationship with usual liver tests and histological features. <i>Journal of Hepatology</i> , 1994 , 21, 235-40	13.4	34
58	What is the contribution of two genetic variants regulating VEGF levels to type 2 diabetes risk and to microvascular complications?. <i>PLoS ONE</i> , 2013 , 8, e55921	3.7	32
57	High baseline insulin levels associated with 6-year incident observed sleep apnea. <i>Diabetes Care</i> , 2010 , 33, 1044-9	14.6	31
56	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021 , 12, 24	17.4	30
55	Metabolomic Profile of Low-Copy Number Carriers at the Salivary α -Amylase Gene Suggests a Metabolic Shift Toward Lipid-Based Energy Production. <i>Diabetes</i> , 2016 , 65, 3362-3368	0.9	29
54	Type 2 diabetes-related genetic risk scores associated with variations in fasting plasma glucose and development of impaired glucose homeostasis in the prospective DESIR study. <i>Diabetologia</i> , 2014 , 57, 1601-10	10.3	29
53	The lactase persistence genotype is associated with body mass index and dairy consumption in the D.E.S.I.R. study. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 1323-9	12.7	29
52	Genetic variant in HK1 is associated with a proanemic state and A1C but not other glycemic control-related traits. <i>Diabetes</i> , 2009 , 58, 2687-97	0.9	29
51	Plasma Copeptin and Decline in Renal Function in a Cohort from the Community: The Prospective D.E.S.I.R. Study. <i>American Journal of Nephrology</i> , 2015 , 42, 107-14	4.6	28
50	Urinary albumin excretion is a risk factor for diabetes mellitus in men, independently of initial metabolic profile and development of insulin resistance. The DESIR Study. <i>Journal of Hypertension</i> , 2008 , 26, 2198-206	1.9	27
49	Rare genomic structural variants in complex disease: lessons from the replication of associations with obesity. <i>PLoS ONE</i> , 2013 , 8, e58048	3.7	27

48	Impact of common variation in bone-related genes on type 2 diabetes and related traits. <i>Diabetes</i> , 2012 , 61, 2176-86	0.9	25
47	Genetic and functional assessment of the role of the rs13431652-A and rs573225-A alleles in the G6PC2 promoter that are strongly associated with elevated fasting glucose levels. <i>Diabetes</i> , 2010 , 59, 2662-71	0.9	25
46	Loss-of-function mutations in MRAP2 are pathogenic in hyperphagic obesity with hyperglycemia and hypertension. <i>Nature Medicine</i> , 2019 , 25, 1733-1738	50.5	24
45	Evaluation of the association of IGF2BP2 variants with type 2 diabetes in French Caucasians. <i>Diabetes</i> , 2008 , 57, 1992-6	0.9	23
44	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017 , 4, 170179	8.2	22
43	Contribution of the low-frequency, loss-of-function p.R270H mutation in FFAR4 (GPR120) to increased fasting plasma glucose levels. <i>Journal of Medical Genetics</i> , 2015 , 52, 595-8	5.8	22
42	Fine-scale human genetic structure in Western France. <i>European Journal of Human Genetics</i> , 2015 , 23, 831-6	5.3	22
41	Body weight, not insulin sensitivity or secretion, may predict spontaneous weight changes in nondiabetic and prediabetic subjects: the RISC study. <i>Diabetes</i> , 2011 , 60, 1938-45	0.9	19
40	The association between cystatin C and incident type 2 diabetes is related to central adiposity. <i>Nephrology Dialysis Transplantation</i> , 2013 , 28, 1820-9	4.3	18
39	Association of abdominal adiposity with diabetes and cardiovascular disease in Latin America. <i>Journal of Clinical Hypertension</i> , 2009 , 11, 769-74	2.3	18
38	The Association Between Sleep Duration, Insulin Sensitivity, and β Cell Function: The EGIR-RISC Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3272-80	5.6	18
37	Lack of association of CD36 SNPs with early onset obesity: a meta-analysis in 9,973 European subjects. <i>Obesity</i> , 2011 , 19, 833-9	8	17
36	The expression of genes in top obesity-associated loci is enriched in insula and substantia nigra brain regions involved in addiction and reward. <i>International Journal of Obesity</i> , 2020 , 44, 539-543	5.5	16
35	Physical activity, adiponectin, and cardiovascular structure and function. <i>Heart and Vessels</i> , 2013 , 28, 91-100	2.1	15
34	HbA1c, fasting plasma glucose and the prediction of diabetes: Inter99, AusDiab and D.E.S.I.R. <i>Diabetes Research and Clinical Practice</i> , 2012 , 96, 392-9	7.4	15
33	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. <i>JAMA Network Open</i> , 2019 , 2, e1910915	10.4	14
32	International Day for the Evaluation of Abdominal obesity: rationale and design of a primary care study on the prevalence of abdominal obesity and associated factors in 63 countries. <i>Country Review Ukraine</i> , 2006 , 8, B26-B33		14
31	Impact of statistical models on the prediction of type 2 diabetes using non-targeted metabolomics profiling. <i>Molecular Metabolism</i> , 2016 , 5, 918-925	8.8	13

30	Low-frequency variants in HMGA1 are not associated with type 2 diabetes risk. <i>Diabetes</i> , 2012 , 61, 524-30.9		13
29	New roles for prokineticin 2 in feeding behavior, insulin resistance and type 2 diabetes: Studies in mice and humans. <i>Molecular Metabolism</i> , 2019 , 29, 182-196	8.8	11
28	The performance of diabetes risk prediction models in new populations: the role of ethnicity of the development cohort. <i>Acta Diabetologica</i> , 2015 , 52, 91-101	3.9	11
27	Euglycemic clamp insulin sensitivity and longitudinal systolic blood pressure: role of sex. <i>Hypertension</i> , 2013 , 62, 404-9	8.5	10
26	Smallness for gestational age interacts with high mobility group A2 gene genetic variation to modulate height. <i>European Journal of Endocrinology</i> , 2009 , 160, 557-60	6.5	9
25	Evaluating the association of common APOA2 variants with type 2 diabetes. <i>BMC Medical Genetics</i> , 2009 , 10, 13	2.1	9
24	Secretory granule neuroendocrine protein 1 (SGNE1) genetic variation and glucose intolerance in severe childhood and adult obesity. <i>BMC Medical Genetics</i> , 2007 , 8, 44	2.1	9
23	Pathogenic variants in actionable MODY genes are associated with type 2 diabetes. <i>Nature Metabolism</i> , 2020 , 2, 1126-1134	14.6	9
22	Population attributable fractions of the main type 2 diabetes mellitus risk factors in women: Findings from the French E3N cohort. <i>Journal of Diabetes</i> , 2019 , 11, 242-253	3.8	7
21	Glucose-dependent regulation of NR2F2 promoter and influence of SNP-rs3743462 on whole body insulin sensitivity. <i>PLoS ONE</i> , 2012 , 7, e35810	3.7	7
20	Are the same clinical risk factors relevant for incident diabetes defined by treatment, fasting plasma glucose, and HbA1c?. <i>Diabetes Care</i> , 2011 , 34, 957-9	14.6	7
19	Analysis of KLF transcription factor family gene variants in type 2 diabetes. <i>BMC Medical Genetics</i> , 2007 , 8, 53	2.1	7
18	Complex interaction of fasting glucose, body mass index, age and sex on all-cause mortality: a cohort study in 15 million Korean adults. <i>Diabetologia</i> , 2020 , 63, 1616-1625	10.3	4
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