

Paul W Franks

List of Publications by Citations

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

274
papers

29,456
citations

72
h-index

169
g-index

301
ext. papers

37,969
ext. citations

11.8
avg, IF

6.18
L-index

#	Paper	IF	Citations
274	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
273	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
272	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
271	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
270	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 25-33	36.3	1172
269	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
268	Childhood obesity, other cardiovascular risk factors, and premature death. <i>New England Journal of Medicine</i> , 2010 , 362, 485-93	59.2	903
267	Risk of COVID-19 among front-line health-care workers and the general community: a prospective cohort study. <i>Lancet Public Health</i> , 2020 , 5, e475-e483	22.4	899
266	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016 , 536, 41-47	50.4	704
265	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
264	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
263	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 1345-52	36.3	597
262	Attributes and predictors of long COVID. <i>Nature Medicine</i> , 2021 , 27, 626-631	50.5	484
261	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013 , 45, 501-12	36.3	437
260	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017 , 66, 2888-2902	29.0	414
259	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
258	Genome-wide association scan meta-analysis identifies three Loci influencing adiposity and fat distribution. <i>PLoS Genetics</i> , 2009 , 5, e1000508	6	393

257	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
256	Separating movement and gravity components in an acceleration signal and implications for the assessment of human daily physical activity. <i>PLoS ONE</i> , 2013 , 8, e61691	3.7	369
255	Association analyses based on false discovery rate implicate new loci for coronary artery disease. <i>Nature Genetics</i> , 2017 , 49, 1385-1391	36.3	361
254	Differences in the prospective association between individual plasma phospholipid saturated fatty acids and incident type 2 diabetes: the EPIC-InterAct case-cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2014 , 2, 810-8	18.1	330
253	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017 , 49, 1758-1766	36.3	310
252	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
251	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. <i>PLoS Genetics</i> , 2013 , 9, e1003500	6	277
250	Energy balance and obesity: what are the main drivers?. <i>Cancer Causes and Control</i> , 2017 , 28, 247-258	2.8	268
249	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016 , 48, 1171-1184	36.3	251
248	EB Polyunsaturated Fatty Acid Biomarkers and Coronary Heart Disease: Pooling Project of 19 Cohort Studies. <i>JAMA Internal Medicine</i> , 2016 , 176, 1155-66	11.5	238
247	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018 , 50, 559-571	36.3	221
246	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015 , 11, e1005378	6	220
245	Rapid implementation of mobile technology for real-time epidemiology of COVID-19. <i>Science</i> , 2020 , 368, 1362-1367	33.3	208
244	Common variants in 40 genes assessed for diabetes incidence and response to metformin and lifestyle intervention in the diabetes prevention program. <i>Diabetes</i> , 2010 , 59, 2672-81	0.9	200
243	Replication and extension of genome-wide association study results for obesity in 4923 adults from northern Sweden. <i>Human Molecular Genetics</i> , 2009 , 18, 1489-96	5.6	195
242	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
241	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016 , 48, 1151-1161	36.3	181
240	Gestational glucose tolerance and risk of type 2 diabetes in young Pima Indian offspring. <i>Diabetes</i> , 2006 , 55, 460-5	0.9	180

239	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015 , 20, 647-656	15.1	167
238	Aberrant intestinal microbiota in individuals with prediabetes. <i>Diabetologia</i> , 2018 , 61, 810-820	10.3	163
237	Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1395-402	7	161
236	Does the association of habitual physical activity with the metabolic syndrome differ by level of cardiorespiratory fitness?. <i>Diabetes Care</i> , 2004 , 27, 1187-93	14.6	159
235	Physical Activity and Mortality in Individuals With Diabetes Mellitus: A Prospective Study and Meta-analysis. <i>Archives of Internal Medicine</i> , 2012 , 172, 1285-95		156
234	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
233	Validity of a short questionnaire to assess physical activity in 10 European countries. <i>European Journal of Epidemiology</i> , 2012 , 27, 15-25	12.1	154
232	Human postprandial responses to food and potential for precision nutrition. <i>Nature Medicine</i> , 2020 , 26, 964-973	50.5	153
231	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. <i>Diabetes</i> , 2011 , 60, 1340-8	8.8	153
230	Gene-lifestyle interaction and type 2 diabetes: the EPIC interact case-cohort study. <i>PLoS Medicine</i> , 2014 , 11, e1001647	11.6	149
229	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015 , 6, 5897	17.4	147
228	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 823-836	15.1	146
227	Gene physical activity interactions in obesity: combined analysis of 111,421 individuals of European ancestry. <i>PLoS Genetics</i> , 2013 , 9, e1003607	6	145
226	Exposing the exposures responsible for type 2 diabetes and obesity. <i>Science</i> , 2016 , 354, 69-73	33.3	138
225	Leptin predicts a worsening of the features of the metabolic syndrome independently of obesity. <i>Obesity</i> , 2005 , 13, 1476-84		126
224	Microbiome connections with host metabolism and habitual diet from 1,098 deeply phenotyped individuals. <i>Nature Medicine</i> , 2021 , 27, 321-332	50.5	124
223	Childhood predictors of young-onset type 2 diabetes. <i>Diabetes</i> , 2007 , 56, 2964-72	0.9	123
222	FTO genetic variants, dietary intake and body mass index: insights from 177,330 individuals. <i>Human Molecular Genetics</i> , 2014 , 23, 6961-72	5.6	120

221	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. <i>Diabetes Care</i> , 2010 , 33, 2684-91	14.6	112
220	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016 , 7, 10494	17.4	107
219	Dietary protein intake and incidence of type 2 diabetes in Europe: the EPIC-InterAct Case-Cohort Study. <i>Diabetes Care</i> , 2014 , 37, 1854-62	14.6	106
218	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017 , 8, 14977	17.4	105
217	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528	6	103
216	Gene-environment and gene-treatment interactions in type 2 diabetes: progress, pitfalls, and prospects. <i>Diabetes Care</i> , 2013 , 36, 1413-21	14.6	100
215	Non-esterified fatty acid levels and physical inactivity: the relative importance of low habitual energy expenditure and cardio-respiratory fitness. <i>British Journal of Nutrition</i> , 2002 , 88, 307-13	3.6	93
214	PPARGC1A genotype (Gly482Ser) predicts exceptional endurance capacity in European men. <i>Journal of Applied Physiology</i> , 2005 , 99, 344-8	3.7	92
213	Estimation of Free-Living Energy Expenditure by Heart Rate and Movement Sensing: A Doubly-Labelled Water Study. <i>PLoS ONE</i> , 2015 , 10, e0137206	3.7	86
212	Extension of type 2 diabetes genome-wide association scan results in the diabetes prevention program. <i>Diabetes</i> , 2008 , 57, 2503-10	0.9	86
211	A 3-year randomized trial of lifestyle intervention for cardiovascular risk reduction in the primary care setting: the Swedish Björkn study. <i>PLoS ONE</i> , 2009 , 4, e5195	3.7	85
210	Genetic predictors of weight loss and weight regain after intensive lifestyle modification, metformin treatment, or standard care in the Diabetes Prevention Program. <i>Diabetes Care</i> , 2012 , 35, 363-6	14.6	84
209	Total zinc intake may modify the glucose-raising effect of a zinc transporter (SLC30A8) variant: a 14-cohort meta-analysis. <i>Diabetes</i> , 2011 , 60, 2407-16	0.9	81
208	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. <i>Nature Communications</i> , 2017 , 8, 16015	17.4	80
207	Association of walking pace and handgrip strength with all-cause, cardiovascular, and cancer mortality: a UK Biobank observational study. <i>European Heart Journal</i> , 2017 , 38, 3232-3240	9.5	80
206	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
205	Higher Prevalence of Type 2 Diabetes in Men Than in Women Is Associated With Differences in Visceral Fat Mass. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3740-3746	5.6	76
204	Precision Medicine in Diabetes: A Consensus Report From the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetes Care</i> , 2020 , 43, 1617-1635	14.6	75

203	A reference map of potential determinants for the human serum metabolome. <i>Nature</i> , 2020 , 588, 135-140.	10.4	75
202	Genome-wide analysis of dental caries and periodontitis combining clinical and self-reported data. <i>Nature Communications</i> , 2019 , 10, 2773	17.4	72
201	Computed tomography-based validation of abdominal adiposity measurements from ultrasonography, dual-energy X-ray absorptiometry and anthropometry. <i>British Journal of Nutrition</i> , 2010 , 104, 582-8	3.6	72
200	FTO genotype and weight loss: systematic review and meta-analysis of 9563 individual participant data from eight randomised controlled trials. <i>BMJ, The</i> , 2016 , 354, i4707	5.9	70
199	NIH working group report-using genomic information to guide weight management: From universal to precision treatment. <i>Obesity</i> , 2016 , 24, 14-22	8	70
198	Effects of weight loss, weight cycling, and weight loss maintenance on diabetes incidence and change in cardiometabolic traits in the Diabetes Prevention Program. <i>Diabetes Care</i> , 2014 , 37, 2738-45	14.6	68
197	Gene x Dietary pattern interactions in obesity: analysis of up to 68 317 adults of European ancestry. <i>Human Molecular Genetics</i> , 2015 , 24, 4728-38	5.6	68
196	The prospective association between total and type of fish intake and type 2 diabetes in 8 European countries: EPIC-InterAct Study. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 1445-53	7	65
195	Meta-analysis investigating associations between healthy diet and fasting glucose and insulin levels and modification by loci associated with glucose homeostasis in data from 15 cohorts. <i>American Journal of Epidemiology</i> , 2013 , 177, 103-15	3.8	63
194	Gene x Environment interactions in type 2 diabetes. <i>Current Diabetes Reports</i> , 2011 , 11, 552-61	5.6	62
193	Lifestyle Interventions Limit Gestational Weight Gain in Women with Overweight or Obesity: LIFE-Moms Prospective Meta-Analysis. <i>Obesity</i> , 2018 , 26, 1396-1404	8	62
192	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. <i>Nature Metabolism</i> , 2020 , 2, 1135-1148	14.6	61
191	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019 , 51, 636-648	36.3	59
190	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018 , 102, 375-400	11	59
189	COVID-19 in People With Diabetes: Urgently Needed Lessons From Early Reports. <i>Diabetes Care</i> , 2020 , 43, 1378-1381	14.6	55
188	Plasma Levels of Fatty Acid-Binding Protein 4, Retinol-Binding Protein 4, High-Molecular-Weight Adiponectin, and Cardiovascular Mortality Among Men With Type 2 Diabetes: A 22-Year Prospective Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 2259-2267	9.4	55
187	Validity of electronically administered Recent Physical Activity Questionnaire (RPAQ) in ten European countries. <i>PLoS ONE</i> , 2014 , 9, e92829	3.7	55
186	Previously associated type 2 diabetes variants may interact with physical activity to modify the risk of impaired glucose regulation and type 2 diabetes: a study of 16,003 Swedish adults. <i>Diabetes</i> , 2009 , 58, 1411-8	0.9	55

185	Interaction between an 11betaHSD1 gene variant and birth era modifies the risk of hypertension in Pima Indians. <i>Hypertension</i> , 2004 , 44, 681-8	8.5	55
184	A Global Overview of Precision Medicine in Type 2 Diabetes. <i>Diabetes</i> , 2018 , 67, 1911-1922	0.9	52
183	Genetic Predisposition to Weight Loss and Regain With Lifestyle Intervention: Analyses From the Diabetes Prevention Program and the Look AHEAD Randomized Controlled Trials. <i>Diabetes</i> , 2015 , 64, 4312-21	0.9	51
182	Consumption of meat is associated with higher fasting glucose and insulin concentrations regardless of glucose and insulin genetic risk scores: a meta-analysis of 50,345 Caucasians. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1266-78	7	51
181	Physical activity, sedentary behaviors, and estimated insulin sensitivity and secretion in pregnant and non-pregnant women. <i>BMC Pregnancy and Childbirth</i> , 2011 , 11, 44	3.2	50
180	Symptom clusters in COVID-19: A potential clinical prediction tool from the COVID Symptom Study app. <i>Science Advances</i> , 2021 , 7,	14.3	50
179	Association of Multiple Biomarkers of Iron Metabolism and Type 2 Diabetes: The EPIC-InterAct Study. <i>Diabetes Care</i> , 2016 , 39, 572-81	14.6	48
178	Genetic predisposition to long-term nondiabetic deteriorations in glucose homeostasis: Ten-year follow-up of the GLACIER study. <i>Diabetes</i> , 2011 , 60, 345-54	0.9	46
177	Clinical and genetic determinants of progression of type 2 diabetes: a DIRECT study. <i>Diabetes Care</i> , 2014 , 37, 718-724	14.6	45
176	Long-Term Weight Loss With Metformin or Lifestyle Intervention in the Diabetes Prevention Program Outcomes Study. <i>Annals of Internal Medicine</i> , 2019 , 170, 682-690	8	45
175	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. <i>Molecular Psychiatry</i> , 2020 , 25, 2392-2409	15.1	45
174	Lifestyle in progression from hypertensive disorders of pregnancy to chronic hypertension in NursesRHealth Study II: observational cohort study. <i>BMJ, The</i> , 2017 , 358, j3024	5.9	44
173	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
172	Epigenetics and obesity: the devil is in the details. <i>BMC Medicine</i> , 2010 , 8, 88	11.4	43
171	Detecting COVID-19 infection hotspots in England using large-scale self-reported data from a mobile application: a prospective, observational study. <i>Lancet Public Health, The</i> , 2021 , 6, e21-e29	22.4	43
170	Design of lifestyle intervention trials to prevent excessive gestational weight gain in women with overweight or obesity. <i>Obesity</i> , 2016 , 24, 305-13	8	42
169	Sugar-sweetened beverage consumption and genetic predisposition to obesity in 2 Swedish cohorts. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 809-15	7	42
168	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41

167	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054	3.8	39
166	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
165	The value of pregnancy complication history for 10-year cardiovascular disease risk prediction in middle-aged women. <i>European Journal of Epidemiology</i> , 2018 , 33, 1003-1010	12.1	39
164	Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: rationale and design of the epidemiological studies within the IMI DIRECT Consortium. <i>Diabetologia</i> , 2014 , 57, 1132-42	10.3	39
163	Higher magnesium intake is associated with lower fasting glucose and insulin, with no evidence of interaction with select genetic loci, in a meta-analysis of 15 CHARGE Consortium Studies. <i>Journal of Nutrition</i> , 2013 , 143, 345-53	4.1	39
162	Gene-lifestyle interaction on risk of type 2 diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2007 , 17, 104-24	4.5	39
161	Does physical activity energy expenditure explain the between-individual variation in plasma leptin concentrations after adjusting for differences in body composition?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 3258-63	5.6	38
160	Rare Functional Variant in TM2D3 is Associated with Late-Onset Alzheimer's Disease. <i>PLoS Genetics</i> , 2016 , 12, e1006327	6	38
159	Interaction between genes and macronutrient intake on the risk of developing type 2 diabetes: systematic review and findings from European Prospective Investigation into Cancer (EPIC)-InterAct. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 263-275	7	36
158	Formalising recall by genotype as an efficient approach to detailed phenotyping and causal inference. <i>Nature Communications</i> , 2018 , 9, 711	17.4	35
157	Sustained influence of metformin therapy on circulating glucagon-like peptide-1 levels in individuals with and without type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 356-363	6.7	35
156	Effects of genetic variants previously associated with fasting glucose and insulin in the Diabetes Prevention Program. <i>PLoS ONE</i> , 2012 , 7, e44424	3.7	35
155	Hypertensive Disorders of Pregnancy and Offspring Cardiac Structure and Function in Adolescence. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	34
154	Precision medicine in diabetes: a Consensus Report from the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetologia</i> , 2020 , 63, 1671-1693	10.3	33
153	Lifestyle precision medicine: the next generation in type 2 diabetes prevention?. <i>BMC Medicine</i> , 2017 , 15, 171	11.4	33
152	Using genetics to test the causal relationship of total adiposity and periodontitis: Mendelian randomization analyses in the Gene-Lifestyle Interactions and Dental Endpoints (GLIDE) Consortium. <i>International Journal of Epidemiology</i> , 2015 , 44, 638-50	7.8	33
151	PGC-1alpha genotype modifies the association of volitional energy expenditure with [OV0312]O2max. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 1998-2004	1.2	33
150	Symptom clusters in Covid19: A potential clinical prediction tool from the COVID Symptom study app		33

149	Tooth loss is a complex measure of oral disease: Determinants and methodological considerations. <i>Community Dentistry and Oral Epidemiology</i> , 2018 , 46, 555-562	2.8	32
148	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018 , 13, e0198166	3.7	31
147	Bicycling to Work and Primordial Prevention of Cardiovascular Risk: A Cohort Study Among Swedish Men and Women. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	31
146	Modest effects of dietary supplements during the COVID-19 pandemic: insights from 445 850 users of the COVID-19 Symptom Study app. <i>BMJ Nutrition, Prevention and Health</i> , 2021 , 4, 149-157	6.7	30
145	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021 , 12, 24	17.4	30
144	Diet quality and risk and severity of COVID-19: a prospective cohort study. <i>Gut</i> , 2021 , 70, 2096-2104	19.2	30
143	A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017 , 66, 2019-2032	0.9	29
142	Association of subclinical inflammation with deterioration of glycaemia before the diagnosis of type 2 diabetes: the KORA S4/F4 study. <i>Diabetologia</i> , 2015 , 58, 2269-77	10.3	27
141	Lifestyle and Metformin Ameliorate Insulin Sensitivity Independently of the Genetic Burden of Established Insulin Resistance Variants in Diabetes Prevention Program Participants. <i>Diabetes</i> , 2016 , 65, 520-6	0.9	27
140	Detailed investigation of the role of common and low-frequency WFS1 variants in type 2 diabetes risk. <i>Diabetes</i> , 2010 , 59, 741-6	0.9	27
139	Rates of glycaemic deterioration in a real-world population with type 2 diabetes. <i>Diabetologia</i> , 2018 , 61, 607-615	10.3	26
138	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020 , 52, 1314-1332	36.3	26
137	Genetic determinants of long-term changes in blood lipid concentrations: 10-year follow-up of the GLACIER study. <i>PLoS Genetics</i> , 2014 , 10, e1004388	6	25
136	Association between physical activity and blood pressure is modified by variants in the G-protein coupled receptor 10. <i>Hypertension</i> , 2004 , 43, 224-8	8.5	25
135	Establishing the role of gene-environment interactions in the etiology of type 2 diabetes. <i>Endocrinology and Metabolism Clinics of North America</i> , 2002 , 31, 553-66	5.5	25
134	Association of plasma biomarkers of fruit and vegetable intake with incident type 2 diabetes: EPIC-InterAct case-cohort study in eight European countries. <i>BMJ, The</i> , 2020 , 370, m2194	5.9	24
133	Exercise and diabetes-related cardiovascular disease: systematic review of published evidence from observational studies and clinical trials. <i>Current Diabetes Reports</i> , 2013 , 13, 372-80	5.6	24
132	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24

131	Quality of dietary fat and genetic risk of type 2 diabetes: individual participant data meta-analysis. <i>BMJ, The</i> , 2019 , 366, l4292	5.9	23
130	Common variation at PPARGC1A/B and change in body composition and metabolic traits following preventive interventions: the Diabetes Prevention Program. <i>Diabetologia</i> , 2014 , 57, 485-90	10.3	23
129	Gene x Environment interactions in obesity: the state of the evidence. <i>Human Heredity</i> , 2013 , 75, 106-15	1.1	23
128	Monogenic Diabetes: From Genetic Insights to Population-Based Precision in Care. Reflections From a EditorsRExpert Forum. <i>Diabetes Care</i> , 2020 , 43, 3117-3128	14.6	23
127	Genome wide analysis for mouth ulcers identifies associations at immune regulatory loci. <i>Nature Communications</i> , 2019 , 10, 1052	17.4	22
126	The COronavirus Pandemic Epidemiology (COPE) Consortium: A Call to Action. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 1283-1289	4	22
125	Ethnic differences in the contribution of insulin action and secretion to type 2 diabetes in immigrants from the Middle East compared to native Swedes. <i>Diabetes Research and Clinical Practice</i> , 2014 , 105, 79-87	7.4	22
124	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017 , 4, 170179	8.2	22
123	Lifestyle and precision diabetes medicine: will genomics help optimise the prediction, prevention and treatment of type 2 diabetes through lifestyle therapy?. <i>Diabetologia</i> , 2017 , 60, 784-792	10.3	21
122	Season-dependent associations of circadian rhythm-regulating loci (CRY1, CRY2 and MTNR1B) and glucose homeostasis: the GLACIER Study. <i>Diabetologia</i> , 2015 , 58, 997-1005	10.3	21
121	Physical activity, smoking, and genetic predisposition to obesity in people from Pakistan: the PROMIS study. <i>BMC Medical Genetics</i> , 2015 , 16, 114	2.1	21
120	No interactions between previously associated 2-hour glucose gene variants and physical activity or BMI on 2-hour glucose levels. <i>Diabetes</i> , 2012 , 61, 1291-6	0.9	21
119	Obesity, FTO gene variant, and energy intake in children. <i>New England Journal of Medicine</i> , 2009 , 360, 1571-2; author reply 1572	59.2	21
118	Plasma Vitamin C and Type 2 Diabetes: Genome-Wide Association Study and Mendelian Randomization Analysis in European Populations. <i>Diabetes Care</i> , 2021 , 44, 98-106	14.6	21
117	Causal inference in obesity research. <i>Journal of Internal Medicine</i> , 2017 , 281, 222-232	10.8	20
116	Variation in the Plasma Membrane Monoamine Transporter (PMAT) (Encoded by) and Organic Cation Transporter 1 (OCT1) (Encoded by) and Gastrointestinal Intolerance to Metformin in Type 2 Diabetes: An IMI DIRECT Study. <i>Diabetes Care</i> , 2019 , 42, 1027-1033	14.6	20
115	Consortium-based genome-wide meta-analysis for childhood dental caries traits. <i>Human Molecular Genetics</i> , 2018 , 27, 3113-3127	5.6	20
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