Paul W Franks

List of Publications by Year
in descending order

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272 papers	43,770 citations	4942 84 h-index	2736 192 g-index
301 all docs	301 docs citations	301 times ranked	51844 citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
2	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	9.4	2,641
3	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. Nature Genetics, 2010, 42, 105-116.	9.4	1,982
4	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	9.4	1,818
5	Attributes and predictors of long COVID. Nature Medicine, 2021, 27, 626-631.	15.2	1,613
6	Risk of COVID-19 among front-line health-care workers and the general community: a prospective cohort study. Lancet Public Health, The, 2020, 5, e475-e483.	4.7	1,595
7	Large-scale association analysis identifies new risk loci for coronary artery disease. Nature Genetics, 2013, 45, 25-33.	9.4	1,439
8	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
9	Childhood Obesity, Other Cardiovascular Risk Factors, and Premature Death. New England Journal of Medicine, 2010, 362, 485-493.	13.9	1,096
10	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	13.7	952
11	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.	9.4	762
12	Common variants associated with plasma triglycerides and risk for coronary artery disease. Nature Genetics, 2013, 45, 1345-1352.	9.4	754
13	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nature Genetics, 2012, 44, 991-1005.	9.4	746
14	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. Diabetes, 2017, 66, 2888-2902.	0.3	615
15	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. Nature Genetics, 2013, 45, 501-512.	9.4	578
16	Separating Movement and Gravity Components in an Acceleration Signal and Implications for the Assessment of Human Daily Physical Activity. PLoS ONE, 2013, 8, e61691.	1.1	577
17	Association analyses based on false discovery rate implicate new loci for coronary artery disease. Nature Genetics, 2017, 49, 1385-1391.	9.4	571
18	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	13.7	544

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19	Microbiome connections with host metabolism and habitual diet from 1,098 deeply phenotyped individuals. Nature Medicine, 2021, 27, 321-332.	15.2	477
20	Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766.	9.4	470
21	Energy balance and obesity: what are the main drivers?. Cancer Causes and Control, 2017, 28, 247-258.	0.8	455
22	Genome-Wide Association Scan Meta-Analysis Identifies Three Loci Influencing Adiposity and Fat Distribution. PLoS Genetics, 2009, 5, e1000508.	1.5	453
23	Physical Activity Attenuates the Influence of FTO Variants on Obesity Risk: A Meta-Analysis of 218,166 Adults and 19,268 Children. PLoS Medicine, 2011, 8, e1001116.	3.9	446
24	Differences in the prospective association between individual plasma phospholipid saturated fatty acids and incident type 2 diabetes: the EPIC-InterAct case-cohort study. Lancet Diabetes and Endocrinology,the, 2014, 2, 810-818.	5.5	431
25	Human postprandial responses to food and potential for precision nutrition. Nature Medicine, 2020, 26, 964-973.	15.2	418
26	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500.	1.5	371
27	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425.	9.4	365
28	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	9.4	362
29	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. Nature Genetics, 2018, 50, 559-571.	9.4	356
30	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	13.7	353
31	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	1.5	331
32	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. Nature Metabolism, 2020, 2, 1135-1148.	5.1	327
33	Ï‰-3 Polyunsaturated Fatty Acid Biomarkers and Coronary Heart Disease. JAMA Internal Medicine, 2016, 176, 1155.	2.6	326
34	Aberrant intestinal microbiota in individuals with prediabetes. Diabetologia, 2018, 61, 810-820.	2.9	313
35	Rapid implementation of mobile technology for real-time epidemiology of COVID-19. Science, 2020, 368, 1362-1367.	6.0	313
36	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	9.4	286

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37	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	9.4	261
38	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. Molecular Psychiatry, 2015, 20, 647-656.	4.1	235
39	Common Variants in 40 Genes Assessed for Diabetes Incidence and Response to Metformin and Lifestyle Intervention in the Diabetes Prevention Program. Diabetes, 2010, 59, 2672-2681.	0.3	234
40	A reference map of potential determinants for the human serum metabolome. Nature, 2020, 588, 135-140.	13.7	230
41	Physical Activity and Mortality in Individuals With Diabetes Mellitus. Archives of Internal Medicine, 2012, 172, 1285.	4.3	226
42	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated WithÂCoronary ArteryÂDisease. Journal of the American College of Cardiology, 2017, 69, 823-836.	1.2	214
43	Gestational Glucose Tolerance and Risk of Type 2 Diabetes in Young Pima Indian Offspring. Diabetes, 2006, 55, 460-465.	0.3	213
44	Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. American Journal of Clinical Nutrition, 2013, 97, 1395-1402.	2.2	210
45	Replication and extension of genome-wide association study results for obesity in 4923 adults from northern Sweden. Human Molecular Genetics, 2009, 18, 1489-1496.	1.4	208
46	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.	4.3	204
47	Exposing the exposures responsible for type 2 diabetes and obesity. Science, 2016, 354, 69-73.	6.0	201
48	Validity of a short questionnaire to assess physical activity in 10 European countries. European Journal of Epidemiology, 2012, 27, 15-25.	2.5	185
49	The amount and type of dairy product intake and incident type 2 diabetes: results from the EPIC-InterAct Study. American Journal of Clinical Nutrition, 2012, 96, 382-390.	2.2	183
50	Genome-wide analysis of dental caries and periodontitis combining clinical and self-reported data. Nature Communications, 2019, 10, 2773.	5.8	183
51	Higher Prevalence of Type 2 Diabetes in Men Than in Women Is Associated With Differences in Visceral Fat Mass. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3740-3746.	1.8	182
52	Does the Association of Habitual Physical Activity With the Metabolic Syndrome Differ by Level of Cardiorespiratory Fitness?. Diabetes Care, 2004, 27, 1187-1193.	4.3	180
53	Gene-Lifestyle Interaction and Type 2 Diabetes: The EPIC InterAct Case-Cohort Study. PLoS Medicine, 2014, 11, e1001647.	3.9	180
54	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. Nature Communications, 2015, 6, 5897.	5.8	173

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55	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.	0.3	172
56	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	5.8	169
57	Gene Ã— Physical Activity Interactions in Obesity: Combined Analysis of 111,421 Individuals of European Ancestry. PLoS Genetics, 2013, 9, e1003607.	1.5	168
58	Association of walking pace and handgrip strength with all-cause, cardiovascular, and cancer mortality: a UK Biobank observational study. European Heart Journal, 2017, 38, 3232-3240.	1.0	168
59	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	1.5	158
60	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494.	5.8	153
61	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. Nature Communications, 2017, 8, 16015.	5.8	149
62	Leptin Predicts a Worsening of the Features of the Metabolic Syndrome Independently of Obesity. Obesity, 2005, 13, 1476-1484.	4.0	148
63	FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. Human Molecular Genetics, 2014, 23, 6961-6972.	1.4	143
64	Dietary Protein Intake and Incidence of Type 2 Diabetes in Europe: The EPIC-InterAct Case-Cohort Study. Diabetes Care, 2014, 37, 1854-1862.	4.3	141
65	Childhood Predictors of Young-Onset Type 2 Diabetes. Diabetes, 2007, 56, 2964-2972.	0.3	135
66	Diet quality and risk and severity of COVID-19: a prospective cohort study. Gut, 2021, 70, 2096-2104.	6.1	130
67	Gene-Environment and Gene-Treatment Interactions in Type 2 Diabetes. Diabetes Care, 2013, 36, 1413-1421.	4.3	128
68	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.	4.3	127
69	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400.	2.6	123
70	Self-reported COVID-19 vaccine hesitancy and uptake among participants from different racial and ethnic groups in the United States and United Kingdom. Nature Communications, 2022, 13, 636.	5.8	118
71	Estimation of Free-Living Energy Expenditure by Heart Rate and Movement Sensing: A Doubly-Labelled Water Study. PLoS ONE, 2015, 10, e0137206.	1.1	116
72	Symptom clusters in COVID-19: A potential clinical prediction tool from the COVID Symptom Study app. Science Advances, 2021, 7, .	4.7	115

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73	PPARGC1A genotype (Gly482Ser) predicts exceptional endurance capacity in European men. Journal of Applied Physiology, 2005, 99, 344-348.	1.2	114
74	Multi-ancestry genome-wide geneâ€“smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. Nature Genetics, 2019, 51, 636-648.	9.4	112
75	Lifestyle Interventions Limit Gestational Weight Gain in Women with Overweight or Obesity: LIFEâ€Moms Prospective Metaâ€Analysis. Obesity, 2018, 26, 1396-1404.	1.5	110
76	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.	2.9	102
77	Non-esterified fatty acid levels and physical inactivity: the relative importance of low habitual energy expenditure and cardio-respiratory fitness. British Journal of Nutrition, 2002, 88, 307-313.	1.2	101
78	Genetic Predictors of Weight Loss and Weight Regain After Intensive Lifestyle Modification, Metformin Treatment, or Standard Care in the Diabetes Prevention Program. Diabetes Care, 2012, 35, 363-366.	4.3	101
79	A 3-Year Randomized Trial of Lifestyle Intervention for Cardiovascular Risk Reduction in the Primary Care Setting: The Swedish BjÃ¶rknÃs Study. PLoS ONE, 2009, 4, e5195.	1.1	100
80	A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. Science Translational Medicine, 2016, 8, 341ra76.	5.8	100
81	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.	4.3	97
82	NIH working group reportâ€”using genomic information to guide weight management: From universal to precision treatment. Obesity, 2016, 24, 14-22.	1.5	96
83	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.	1.1	94
84	Extension of Type 2 Diabetes Genome-Wide Association Scan Results in the Diabetes Prevention Program. Diabetes, 2008, 57, 2503-2510.	0.3	93
85	Long-Term Weight Loss With Metformin or Lifestyle Intervention in the Diabetes Prevention Program Outcomes Study. Annals of Internal Medicine, 2019, 170, 682.	2.0	92
86	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.	0.3	91
87	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. Nature Genetics, 2020, 52, 1314-1332.	9.4	91
88	Modest effects of dietary supplements during the COVID-19 pandemic: insights from 445 850 users of the COVID-19 Symptom Study app. BMJ Nutrition, Prevention and Health, 2021, 4, 149-157.	1.9	91
89	A Global Overview of Precision Medicine in Type 2 Diabetes. Diabetes, 2018, 67, 1911-1922.	0.3	90
90	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. Nature Genetics, 2019, 51, 452-469.	9.4	89

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91	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.	3.0	88
92	Computed tomography-based validation of abdominal adiposity measurements from ultrasonography, dual-energy X-ray absorptiometry and anthropometry. British Journal of Nutrition, 2010, 104, 582-588.	1.2	87
93	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	5.8	87
94	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	1.6	85
95	Validity of Electronically Administered Recent Physical Activity Questionnaire (RPAQ) in Ten European Countries. PLoS ONE, 2014, 9, e92829.	1.1	84
96	Gene Ã— dietary pattern interactions in obesity: analysis of up to 68 317 adults of European ancestry. Human Molecular Genetics, 2015, 24, 4728-4738.	1.4	84
97	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. Molecular Psychiatry, 2020, 25, 2392-2409.	4.1	83
98	Association of plasma biomarkers of fruit and vegetable intake with incident type 2 diabetes: EPIC-InterAct case-cohort study in eight European countries. BMJ, The, 2020, 370, m2194.	3.0	75
99	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. American Journal of Epidemiology, 2013, 177, 103-115.	1.6	74
100	Gene Ã— Environment Interactions in Type 2 Diabetes. Current Diabetes Reports, 2011, 11, 552-561.	1.7	73
101	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.	0.3	72
102	Detecting COVID-19 infection hotspots in England using large-scale self-reported data from a mobile application: a prospective, observational study. Lancet Public Health, The, 2021, 6, e21-e29.	4.7	72
103	The prospective association between total and type of fish intake and type 2 diabetes in 8 European countries: EPIC-InterAct Study. American Journal of Clinical Nutrition, 2012, 95, 1445-1453.	2.2	71
104	Lifestyle in progression from hypertensive disorders of pregnancy to chronic hypertension in Nursesâ€™ Health Study II: observational cohort study. BMJ: British Medical Journal, 2017, 358, j3024.	2.4	71
105	COVID-19 in People With Diabetes: Urgently Needed Lessons From Early Reports. Diabetes Care, 2020, 43, 1378-1381.	4.3	71
106	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. American Journal of Clinical Nutrition, 2015, 102, 1266-1278.	2.2	69
107	Plasma Vitamin C and Type 2 Diabetes: Genome-Wide Association Study and Mendelian Randomization Analysis in European Populations. Diabetes Care, 2021, 44, 98-106.	4.3	68
108	Hypertensive Disorders of Pregnancy and Offspring Cardiac Structure and Function in Adolescence. Journal of the American Heart Association, 2016, 5, .	1.6	66

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109	Plasma Levels of Fatty Acidâ€“Binding Protein 4, Retinol-Binding Protein 4, High-Molecular-Weight Adiponectin, and Cardiovascular Mortality Among Men With Type 2 Diabetes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 2259-2267.	1.1	66
110	Association of Multiple Biomarkers of Iron Metabolism and Type 2 Diabetes: The EPIC-InterAct Study. Diabetes Care, 2016, 39, 572-581.	4.3	65
111	The value of pregnancy complication history for 10-year cardiovascular disease risk prediction in middle-aged women. European Journal of Epidemiology, 2018, 33, 1003-1010.	2.5	65
112	Monogenic Diabetes: From Genetic Insights to Population-Based Precision in Care. Reflections From a Diabetes Care Editorsâ€™ Expert Forum. Diabetes Care, 2020, 43, 3117-3128.	4.3	65
113	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. Nature Communications, 2019, 10, 376.	5.8	64
114	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. Diabetes, 2009, 58, 1411-1418.	0.3	61
115	Sugar-sweetened beverage consumption and genetic predisposition to obesity in 2 Swedish cohorts. American Journal of Clinical Nutrition, 2016, 104, 809-815.	2.2	61
116	A combination of plasma phospholipid fatty acids and its association with incidence of type 2 diabetes: The EPIC-InterAct case-cohort study. PLoS Medicine, 2017, 14, e1002409.	3.9	61
117	Clinical and Genetic Determinants of Progression of Type 2 Diabetes: A DIRECT Study. Diabetes Care, 2014, 37, 718-724.	4.3	59
118	Interaction Between an 11Î²HSD1 Gene Variant and Birth Era Modifies the Risk of Hypertension in Pima Indians. Hypertension, 2004, 44, 681-688.	1.3	58
119	Physical activity, sedentary behaviors, and estimated insulin sensitivity and secretion in pregnant and non-pregnant women. BMC Pregnancy and Childbirth, 2011, 11, 44.	0.9	58
120	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. International Journal of Epidemiology, 2015, 44, 638-650.	0.9	54
121	Formalising recall by genotype as an efficient approach to detailed phenotyping and causal inference. Nature Communications, 2018, 9, 711.	5.8	54
122	Design of lifestyle intervention trials to prevent excessive gestational weight gain in women with overweight or obesity. Obesity, 2016, 24, 305-313.	1.5	53
123	ADA/EASD Precision Medicine in Diabetes Initiative: An International Perspective and Future Vision for Precision Medicine in Diabetes. Diabetes Care, 2022, 45, 261-266.	4.3	53
124	Genome wide analysis for mouth ulcers identifies associations at immune regulatory loci. Nature Communications, 2019, 10, 1052.	5.8	50
125	Epigenetics and obesity: the devil is in the details. BMC Medicine, 2010, 8, 88.	2.3	49
126	Tooth loss is a complex measure of oral disease: Determinants and methodological considerations. Community Dentistry and Oral Epidemiology, 2018, 46, 555-562.	0.9	49

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127	Genetic Predisposition to Long-Term Nondiabetic Deteriorations in Glucose Homeostasis. Diabetes, 2011, 60, 345-354.	0.3	48
128	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. Diabetologia, 2014, 57, 1132-1142.	2.9	48
129	Geneâ€“lifestyle interaction on risk of type 2 diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2007, 17, 104-124.	1.1	47
130	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. Journal of Nutrition, 2013, 143, 345-353.	1.3	47
131	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.	0.3	47
132	Sustained influence of metformin therapy on circulating glucagonâ€like peptideâ€1 levels in individuals with and without type 2 diabetes. Diabetes, Obesity and Metabolism, 2017, 19, 356-363.	2.2	47
133	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts. PLoS Medicine, 2020, 17, e1003149.	3.9	47
134	Postprandial glycaemic dips predict appetite and energy intake in healthy individuals. Nature Metabolism, 2021, 3, 523-529.	5.1	47
135	Rare Functional Variant in TM2D3 is Associated with Late-Onset Alzheimer's Disease. PLoS Genetics, 2016, 12, e1006327.	1.5	47
136	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. American Journal of Clinical Nutrition, 2017, 106, 263-275.	2.2	46
137	Does Physical Activity Energy Expenditure Explain the Between-Individual Variation in Plasma Leptin Concentrations after Adjusting for Differences in Body Composition?. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3258-3263.	1.8	45
138	The association between circulating 25-hydroxyvitamin D metabolites and type 2 diabetes in European populations: AÂmeta-analysis and Mendelian randomisation analysis. PLoS Medicine, 2020, 17, e1003394.	3.9	45
139	Replication and cross-validation of type 2 diabetes subtypes based on clinical variables: an IMI-RHAPSODY study. Diabetologia, 2021, 64, 1982-1989.	2.9	44
140	Variation in the Plasma Membrane Monoamine Transporter (PMAT) (Encoded by SLC29A4) and Organic Cation Transporter 1 (OCT1) (Encoded by SLC22A1) and Gastrointestinal Intolerance to Metformin in Type 2 Diabetes: An IMI DIRECT Study. Diabetes Care, 2019, 42, 1027-1033.	4.3	43
141	Lifestyle precision medicine: the next generation in type 2 diabetes prevention?. BMC Medicine, 2017, 15, 171.	2.3	42
142	Rates of glycaemic deterioration in a real-world population with type 2 diabetes. Diabetologia, 2018, 61, 607-615.	2.9	40
143	Effects of Genetic Variants Previously Associated with Fasting Glucose and Insulin in the Diabetes Prevention Program. PLoS ONE, 2012, 7, e44424.	1.1	39
144	Four groups of type 2 diabetes contribute to the etiological and clinical heterogeneity in newly diagnosed individuals: An IMI DIRECT study. Cell Reports Medicine, 2022, 3, 100477.	3.3	39

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145	Bicycling to Work and Primordial Prevention of Cardiovascular Risk: A Cohort Study Among Swedish Men and Women. Journal of the American Heart Association, 2016, 5, .	1.6	37
146	An investigation of causal relationships between prediabetes and vascular complications. Nature Communications, 2020, 11, 4592.	5.8	37
147	PGC-1?? Genotype Modifies the Association of Volitional Energy Expenditure with &OV0312;O2max. Medicine and Science in Sports and Exercise, 2003, 35, 1998-2004.	0.2	36
148	Replacement of Red and Processed Meat With Other Food Sources of Protein and the Risk of Type 2 Diabetes in European Populations: The EPIC-InterAct Study. Diabetes Care, 2020, 43, 2660-2667.	4.3	35
149	Detailed Investigation of the Role of Common and Low-Frequency WFS1 Variants in Type 2 Diabetes Risk. Diabetes, 2010, 59, 741-746.	0.3	34
150	Association of subclinical inflammation with deterioration of glycaemia before the diagnosis of type 2 diabetes: the KORA S4/F4 study. Diabetologia, 2015, 58, 2269-2277.	2.9	34
151	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.	0.3	34
152	Epigenetic markers associated with metformin response and intolerance in drug-naÃ¯ve patients with type 2 diabetes. Science Translational Medicine, 2020, 12, .	5.8	34
153	The COronavirus Pandemic Epidemiology (COPE) Consortium: A Call to Action. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1283-1289.	1.1	34
154	Consortium-based genome-wide meta-analysis for childhood dental caries traits. Human Molecular Genetics, 2018, 27, 3113-3127.	1.4	32
155	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. Scientific Data, 2017, 4, 170179.	2.4	31
156	A multi-ancestry genome-wide study incorporating geneâ€“smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. Human Molecular Genetics, 2019, 28, 2615-2633.	1.4	31
157	Elevated circulating follistatin associates with an increased risk of type 2 diabetes. Nature Communications, 2021, 12, 6486.	5.8	31
158	Ethnic differences in the contribution of insulin action and secretion to type 2 diabetes in immigrants from the Middle East compared to native Swedes. Diabetes Research and Clinical Practice, 2014, 105, 79-87.	1.1	30
159	Gene Ã— Environment Interactions in Obesity: The State of the Evidence. Human Heredity, 2013, 75, 106-115.	0.4	29
160	Common variation at PPARGC1A/B and change in body composition and metabolic traits following preventive interventions: the Diabetes Prevention Program. Diabetologia, 2014, 57, 485-490.	2.9	29
161	Dairy Product Intake and Risk of Type 2 Diabetes in EPIC-InterAct: A Mendelian Randomization Study. Diabetes Care, 2019, 42, 568-575.	4.3	29
162	Impact of insufficient sleep on dysregulated blood glucose control under standardised meal conditions. Diabetologia, 2022, 65, 356-365.	2.9	29

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163	Establishing the role of gene-environment interactions in the etiology of type 2 diabetes. Endocrinology and Metabolism Clinics of North America, 2002, 31, 553-566.	1.2	28
164	Putting the Genome in Context: Gene-Environment Interactions in Type 2 Diabetes. Current Diabetes Reports, 2016, 16, 57.	1.7	28
165	Lifestyle and precision diabetes medicine: will genomics help optimise the prediction, prevention and treatment of type 2 diabetes through lifestyle therapy?. Diabetologia, 2017, 60, 784-792.	2.9	28
166	Quality of dietary fat and genetic risk of type 2 diabetes: individual participant data meta-analysis. BMJ: British Medical Journal, 2019, 366, l4292.	2.4	28
167	Lifestyle Intervention in Pregnant Women With Obesity Impacts Cord Blood DNA Methylation, Which Associates With Body Composition in the Offspring. Diabetes, 2021, 70, 854-866.	0.3	28
168	Association Between Physical Activity and Blood Pressure Is Modified by Variants in the G-Protein Coupled Receptor 10. Hypertension, 2004, 43, 224-228.	1.3	27
169	Exercise and Diabetes-Related Cardiovascular Disease: Systematic Review of Published Evidence from Observational Studies and Clinical Trials. Current Diabetes Reports, 2013, 13, 372-380.	1.7	27
170	Physical activity, smoking, and genetic predisposition to obesity in people from Pakistan: the PROMIS study. BMC Medical Genetics, 2015, 16, 114.	2.1	27
171	Season-dependent associations of circadian rhythm-regulating loci (CRY1, CRY2 and MTNR1B) and glucose homeostasis: the GLACIER Study. Diabetologia, 2015, 58, 997-1005.	2.9	26
172	Causal inference in obesity research. Journal of Internal Medicine, 2017, 281, 222-232.	2.7	26
173	Distinct Molecular Signatures of Clinical Clusters in People With Type 2 Diabetes: An IMI-RHAPSODY Study. Diabetes, 2021, 70, 2683-2693.	0.3	26
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