

# Large-scale association analysis provides insights into the pathophysiology of type 2 diabetes

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Citation Report

#	ARTICLE	IF	CITATIONS
2	The MetaboChip, a Custom Genotyping Array for Genetic Studies of Metabolic, Cardiovascular, and Anthropometric Traits. <i>PLoS Genetics</i> , 2012, 8, e1002793.	1.5	448
3	The Complex Interplay of Genetic and Lifestyle Risk Factors in Type 2 Diabetes: An Overview. <i>Scientifica</i> , 2012, 2012, 1-11.	0.6	20
4	Resident risks. <i>Nature</i> , 2012, 490, 44-46.	13.7	0
5	Type 2 diabetes: the evolution of a disease. <i>British Journal of Diabetes and Vascular Disease</i> , 2012, 12, 290-298.	0.6	2
6	Bayesian refinement of association signals for 14 loci in 3 common diseases. <i>Nature Genetics</i> , 2012, 44, 1294-1301.	9.4	469
7	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.	9.4	746
8	Exome sequencing and complex disease: practical aspects of rare variant association studies. <i>Human Molecular Genetics</i> , 2012, 21, R1-R9.	1.4	114
9	Enhanced brain performance in mice following postnatal stress. <i>Journal of Endocrinology</i> , 2012, 215, 413-424.	1.2	7
11	Associations of the FTO rs9939609 and the MC4R rs17782313 polymorphisms with type 2 diabetes are modulated by diet, being higher when adherence to the Mediterranean diet pattern is low. <i>Cardiovascular Diabetology</i> , 2012, 11, 137.	2.7	129
12	Mining Genes in Type 2 Diabetic Islets and Finding Gold. <i>Cell Metabolism</i> , 2012, 16, 555-557.	7.2	4
13	What Will Diabetes Genomes Tell Us?. <i>Current Diabetes Reports</i> , 2012, 12, 643-650.	1.7	10
14	Regulation of insulin and type 1 insulin-like growth factor signaling and action by the <sc>G</sc>rb10/14 and <sc>SH</sc>2<sc>B</sc>1/<sc>B</sc>2 adaptor proteins. <i>FEBS Journal</i> , 2013, 280, 794-816.	2.2	49
15	Finding Genetic Risk Factors of Gestational Diabetes. <i>Genomics and Informatics</i> , 2012, 10, 239.	0.4	22
16	Mechanisms behind the immediate effects of Roux-en-Y gastric bypass surgery on type 2 diabetes. <i>Theoretical Biology and Medical Modelling</i> , 2013, 10, 45.	2.1	28
17	Genetic Modifiers of Cystic Fibrosis-Related Diabetes. <i>Diabetes</i> , 2013, 62, 3627-3635.	0.3	148
18	Association of glucokinase regulatory protein polymorphism with type 2 diabetes and fasting plasma glucose: a meta-analysis. <i>Molecular Biology Reports</i> , 2013, 40, 3935-3942.	1.0	26
19	Biomarkers for Type 2 Diabetes and Impaired Fasting Glucose Using a Nontargeted Metabolomics Approach. <i>Diabetes</i> , 2013, 62, 4270-4276.	0.3	356
20	Diabetes genes identified by genome-wide association studies are regulated in mice by nutritional factors in metabolically relevant tissues and by glucose concentrations in islets. <i>BMC Genetics</i> , 2013, 14, 10.	2.7	23

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21	Analysis of the contribution of FTO, NPC1, ENPP1, NEGR1, GNPDA2 and MC4R genes to obesity in Mexican children. <i>BMC Medical Genetics</i> , 2013, 14, 21.	2.1	55
22	What psychiatric genetics has taught us about the nature of psychiatric illness and what is left to learn. <i>Molecular Psychiatry</i> , 2013, 18, 1058-1066.	4.1	157
23	Evaluation of variant A45T in NEUROD1/BETA2 for its association with type 2 diabetes mellitus. <i>Endocrine</i> , 2013, 44, 99-106.	1.1	4
24	Pleiotropic effects of obesity-susceptibility loci on metabolic traits: a meta-analysis of up to 37,874 individuals. <i>Diabetologia</i> , 2013, 56, 2134-2146.	2.9	32
25	Identification of genetic variation that determines human trehalase activity and its association with type 2 diabetes. <i>Human Genetics</i> , 2013, 132, 697-707.	1.8	19
26	Genetic Information and the Prediction of Incident Type 2 Diabetes in a High-Risk Multiethnic Population. <i>Diabetes Care</i> , 2013, 36, 2836-2842.	4.3	22
27	Association Between a Genetic Variant Related to Glutamic Acid Metabolism and Coronary Heart Disease in Individuals With Type 2 Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 821.	3.8	122
28	Identification of <i>HKDC1</i> and <i>BACE2</i> as Genes Influencing Glycemic Traits During Pregnancy Through Genome-Wide Association Studies. <i>Diabetes</i> , 2013, 62, 3282-3291.	0.3	119
30	The Role of Pharmacogenetics in Drug Disposition and Response of Oral Glucose-Lowering Drugs. <i>Clinical Pharmacokinetics</i> , 2013, 52, 833-854.	1.6	27
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32	PPARG2 Pro12Ala and ADAMTS9 rs4607103 as insulin resistance loci and insulin secretion loci in Italian individuals. The GENFIEV study and the Verona Newly Diagnosed Type 2 Diabetes Study (VNDS) 4. <i>Acta Diabetologica</i> , 2013, 50, 401-408.	1.2	33
33	A low-frequency GLIS3 variant associated with resistance to Japanese type 1 diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2013, 437, 521-525.	1.0	17
34	Association of Ketone Body Levels With Hyperglycemia and Type 2 Diabetes in 9,398 Finnish Men. <i>Diabetes</i> , 2013, 62, 3618-3626.	0.3	105
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36	Systems Epidemiology: A New Direction in Nutrition and Metabolic Disease Research. <i>Current Nutrition Reports</i> , 2013, 2, 225-235.	2.1	43
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38	Evaluating empirical bounds on complex disease genetic architecture. <i>Nature Genetics</i> , 2013, 45, 1418-1427.	9.4	147
39	Cell-type, allelic, and genetic signatures in the human pancreatic beta cell transcriptome. <i>Genome Research</i> , 2013, 23, 1554-1562.	2.4	161

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41	Whole-Exome Sequencing of 2,000 Danish Individuals and the Role of Rare Coding Variants in Type 2 Diabetes. <i>American Journal of Human Genetics</i> , 2013, 93, 1072-1086.	2.6	124
42	Using Phenotypic Heterogeneity to Increase the Power of Genome-Wide Association Studies: Application to Age at Onset of Ischaemic Stroke Subphenotypes. <i>Genetic Epidemiology</i> , 2013, 37, 495-503.	0.6	10
43	Allelic expression imbalance screening of genes in chromosome 1q21-q24 region to identify functional variants for Type 2 diabetes susceptibility. <i>Physiological Genomics</i> , 2013, 45, 509-520.	1.0	9
44	A Genome-Wide Search for Type 2 Diabetes Susceptibility Genes in an Extended Arab Family. <i>Annals of Human Genetics</i> , 2013, 77, 488-503.	0.3	28
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50	Implications of sex-specific selection for the genetic basis of disease. <i>Evolutionary Applications</i> , 2013, 6, 1208-1217.	1.5	31
51	Obesity genomics: assessing the transferability of susceptibility loci across diverse populations. <i>Genome Medicine</i> , 2013, 5, 55.	3.6	97
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53	Chromatin marks identify critical cell types for fine mapping complex trait variants. <i>Nature Genetics</i> , 2013, 45, 124-130.	9.4	553
54	Rare-variant genome-wide association studies: a new frontier in genetic analysis of complex traits. <i>Pharmacogenomics</i> , 2013, 14, 413-424.	0.6	37
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63	Genetics of type 2 diabetes and potential clinical implications. <i>Archives of Pharmacal Research</i> , 2013, 36, 167-177.	2.7	25
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84	tRNA Methyltransferase Homolog Gene TRMT10A Mutation in Young Onset Diabetes and Primary Microcephaly in Humans. <i>PLoS Genetics</i> , 2013, 9, e1003888.	1.5	103
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89	Association of risk variants for type 2 diabetes and hyperglycemia with gestational diabetes. <i>European Journal of Endocrinology</i> , 2013, 169, 291-297.	1.9	102
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106	Evaluation of Common Type 2 Diabetes Risk Variants in a South Asian Population of Sri Lankan Descent. <i>PLoS ONE</i> , 2014, 9, e98608.	1.1	8
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109	The Human Pancreas Proteome Defined by Transcriptomics and Antibody-Based Profiling. <i>PLoS ONE</i> , 2014, 9, e115421.	1.1	35
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117	Gene-Physical Activity Interactions and Their Impact on Diabetes. Medicine and Sport Science, 2014, 60, 94-103.	1.4	13
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120	Multiple Nonglycemic Genomic Loci Are Newly Associated With Blood Level of Glycated Hemoglobin in East Asians. Diabetes, 2014, 63, 2551-2562.	0.3	61
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130	Gene-Lifestyle Interaction and Type 2 Diabetes: The EPIC InterAct Case-Cohort Study. PLoS Medicine, 2014, 11, e1001647.	3.9	180
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134	Genetic Susceptibility to Type 2 Diabetes and Obesity: Follow-Up of Findings from Genome-Wide Association Studies. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-13.	0.6	62
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137	A Population Genetic Signal of Polygenic Adaptation. <i>PLoS Genetics</i> , 2014, 10, e1004412.	1.5	447
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143	An Integrated Cell Purification and Genomics Strategy Reveals Multiple Regulators of Pancreas Development. <i>PLoS Genetics</i> , 2014, 10, e1004645.	1.5	49
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145	Challenges in Elucidating the Genetics of Diabetic Retinopathy. <i>JAMA Ophthalmology</i> , 2014, 132, 96.	1.4	85
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147	Genetic characterization of Greek population isolates reveals strong genetic drift at missense and trait-associated variants. <i>Nature Communications</i> , 2014, 5, 5345.	5.8	60
148	Gene-carbohydrate and gene-fiber interactions and type 2 diabetes in diverse populations from the National Health and Nutrition Examination Surveys (NHANES) as part of the Epidemiologic Architecture for Genes Linked to Environment (EAGLE) study. <i>BMC Genetics</i> , 2014, 15, 69.	2.7	30
149	Genome-Wide Association Studies in Type 2 Diabetes. <i>Frontiers in Diabetes</i> , 2014, , 1-13.	0.4	0
150	Two novel type 2 diabetes loci revealed through integration of TCF7L2 DNA occupancy and SNP association data. <i>BMJ Open Diabetes Research and Care</i> , 2014, 2, e000052.	1.2	17

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152	Grg3/TLE3 and Grg1/TLE1 Induce Monohormonal Pancreatic $\beta$ -Cells While Repressing $\beta$ -Cell Functions. <i>Diabetes</i> , 2014, 63, 1804-1816.	0.3	22
153	<i>CDKAL1</i> and <i>HHEX</i> are associated with type 2 diabetes-related traits among Yoruba people (doi:10.1093/diabet/kbu034). <i>Diabetes</i> , 2014, 63, 251-259.	0.3	13
154	<i>ABCC5</i> Transporter is a Novel Type 2 Diabetes Susceptibility Gene in European and African American Populations. <i>Annals of Human Genetics</i> , 2014, 78, 333-344.	0.3	11
155	Methodology for the analysis of rare genetic variation in genome-wide association and re-sequencing studies of complex human traits. <i>Briefings in Functional Genomics</i> , 2014, 13, 362-370.	1.3	18
156	Association of adiponectin ( <i>ADIPOQ</i> ) rs2241766 polymorphism and dyslipidemia in HIV/HCV coinfected patients. <i>European Journal of Clinical Investigation</i> , 2014, 44, 453-462.	1.7	12
157	A genetic variant in <i>SLC6A20</i> is associated with Type 2 diabetes in white European and Chinese populations. <i>Diabetic Medicine</i> , 2014, 31, 1350-1356.	1.2	7
158	Polygenic Type 2 Diabetes Prediction at the Limit of Common Variant Detection. <i>Diabetes</i> , 2014, 63, 2172-2182.	0.3	127
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997	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 276-287.	2.2	38

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1002	Persistent C-peptide secretion in Type 1 diabetes and its relationship to the genetic architecture of diabetes. <i>BMC Medicine</i> , 2019, 17, 165.	2.3	43
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1007	Integrating predicted transcriptome from multiple tissues improves association detection. <i>PLoS Genetics</i> , 2019, 15, e1007889.	1.5	239
1008	GARFIELD classifies disease-relevant genomic features through integration of functional annotations with association signals. <i>Nature Genetics</i> , 2019, 51, 343-353.	9.4	147
1009	Genome-wide association analyses of chronotype in 697,828 individuals provides insights into circadian rhythms. <i>Nature Communications</i> , 2019, 10, 343.	5.8	417
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1018	Association Between Genetic Risk and Development of Type 2 Diabetes in a General Japanese Population: The Hisayama Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3213-3222.	1.8	12
1019	Genome-wide analysis of dental caries and periodontitis combining clinical and self-reported data. <i>Nature Communications</i> , 2019, 10, 2773.	5.8	183
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1022	Integrated analysis of environmental and genetic influences on cord blood DNA methylation in new-borns. <i>Nature Communications</i> , 2019, 10, 2548.	5.8	94
1023	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019, 570, 71-76.	13.7	248
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1025	Liver Function and Risk of Type 2 Diabetes: Bidirectional Mendelian Randomization Study. <i>Diabetes</i> , 2019, 68, 1681-1691.	0.3	79
1026	GScluster: network-weighted gene-set clustering analysis. <i>BMC Genomics</i> , 2019, 20, 352.	1.2	12
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1036	Effects of variants of 50 genes on diabetes risk among the Chinese population born in the early 1960s. <i>Journal of Diabetes</i> , 2019, 11, 857-868.	0.8	6
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1054	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019, 51, 452-469.	9.4	89
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1068	Stem-cell based organ-on-a-chip models for diabetes research. <i>Advanced Drug Delivery Reviews</i> , 2019, 140, 101-128.	6.6	55
1069	High throughput profiling of whole plasma N-glycans in type II diabetes mellitus patients and healthy individuals: A perspective from a Ghanaian population. <i>Archives of Biochemistry and Biophysics</i> , 2019, 661, 10-21.	1.4	23

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1080	A critique of life history approaches to human trait covariation. <i>Evolution and Human Behavior</i> , 2020, 41, 527-535.	1.4	74
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1084	Mediterranean Diet Adherence Modulates Anthropometric Measures by TCF7L2 Genotypes among Puerto Rican Adults. <i>Journal of Nutrition</i> , 2020, 150, 167-175.	1.3	12
1085	Lipid lowering and Alzheimer disease risk: A mendelian randomization study. <i>Annals of Neurology</i> , 2020, 87, 30-39.	2.8	64
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1099	PheMap: a multi-resource knowledge base for high-throughput phenotyping within electronic health records. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1675-1687.	2.2	28
1100	Transcription factor GLIS3: Critical roles in thyroid hormone biosynthesis, hypothyroidism, pancreatic beta cells and diabetes. , 2020, 215, 107632.		26
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1102	Accelerated MRI-predicted brain ageing and its associations with cardiometabolic and brain disorders. <i>Scientific Reports</i> , 2020, 10, 19940.	1.6	31
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1107	Allele-specific open chromatin in human iPSC neurons elucidates functional disease variants. <i>Science</i> , 2020, 369, 561-565.	6.0	77
1108	Pro12Ala PPAR- $\beta$ and +294T/C PPAR- $\beta$ Polymorphisms and Association with Metabolic Traits in Teenagers from Northern Mexico. <i>Genes</i> , 2020, 11, 776.	1.0	10
1109	Causal Pathways from Body Components and Regional Fat to Extensive Metabolic Phenotypes: A Mendelian Randomization Study. <i>Obesity</i> , 2020, 28, 1536-1549.	1.5	13
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1113	Molecular insights into therapeutic promise of targeting of Wnt/ $\beta$ -catenin signaling pathway in obesity. <i>Molecular Biology Reports</i> , 2020, 47, 8091-8100.	1.0	7
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1117	A population-based phenome-wide association study of cardiac and aortic structure and function. <i>Nature Medicine</i> , 2020, 26, 1654-1662.	15.2	98
1118	Coffee Consumption, Genetic Polymorphisms, and the Risk of Type 2 Diabetes Mellitus: A Pooled Analysis of Four Prospective Cohort Studies. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5379.	1.2	8
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1120	An investigation of causal relationships between prediabetes and vascular complications. <i>Nature Communications</i> , 2020, 11, 4592.	5.8	37
1121	In Vivo Reporter Assays Uncover Changes in Enhancer Activity Caused by Type 2 Diabetes-Associated Single Nucleotide Polymorphisms. <i>Diabetes</i> , 2020, 69, 2794-2805.	0.3	4
1122	Selective inhibition of CBP/p300 HAT by A-485 results in suppression of lipogenesis and hepatic gluconeogenesis. <i>Cell Death and Disease</i> , 2020, 11, 745.	2.7	24
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1125	Genetic predisposition to hypertension is associated with preeclampsia in European and Central Asian women. <i>Nature Communications</i> , 2020, 11, 5976.	5.8	102
1126	Diabetes-associated genetic variation in TCF7L2 alters pulsatile insulin secretion in humans. <i>JCI Insight</i> , 2020, 5, .	2.3	14
1127	Genetic architecture of cardiometabolic risks in people living with HIV. <i>BMC Medicine</i> , 2020, 18, 288.	2.3	11
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1135	Genome-wide associations of human gut microbiome variation and implications for causal inference analyses. <i>Nature Microbiology</i> , 2020, 5, 1079-1087.	5.9	144
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1137	Impact of glucose on risk of dementia: Mendelian randomisation studies in 115,875 individuals. <i>Diabetologia</i> , 2020, 63, 1151-1161.	2.9	25
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1139	CpG-SNP site methylation regulates allele-specific expression of MTHFD1 gene in type 2 diabetes. <i>Laboratory Investigation</i> , 2020, 100, 1090-1101.	1.7	8
1140	Systematic Review of Polygenic Risk Scores for Type 1 and Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1703.	1.8	46
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1144	Ancestry effects on type 2 diabetes genetic risk inference in Hispanic/Latino populations. <i>BMC Medical Genetics</i> , 2020, 21, 132.	2.1	17
1145	IgG Glycosylation Profile and the Glycan Score Are Associated with Type 2 Diabetes in Independent Chinese Populations: A Case-Control Study. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-8.	1.0	13
1146	Apolipoprotein M and Risk of Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 3046-3057.	1.8	8
1147	Reduced Expression of the Co-regulator TLE1 in Type 2 Diabetes Is Associated with Increased Islet $\beta$ -Cell Number. <i>Endocrinology</i> , 2020, 161, .	1.4	8
1148	Heritability of Curve Patterns in Oral Glucose Tolerance Test. <i>Twin Research and Human Genetics</i> , 2020, 23, 39-44.	0.3	6
1149	Association of UCP1 polymorphisms with type 2 diabetes mellitus and their interaction with physical activity and sedentary behavior. <i>Gene</i> , 2020, 739, 144497.	1.0	6
1150	The Growing Epidemic of Diabetes Mellitus. <i>Current Vascular Pharmacology</i> , 2020, 18, 104-109.	0.8	188
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1154	Heart Disease and Stroke Statistics—2020 Update: A Report From the American Heart Association. <i>Circulation</i> , 2020, 141, e139-e596.	1.6	5,545
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1156	Association of adiponectin gene polymorphisms and their haplotypes with type 2 diabetes and related metabolic traits in an Iranian population. <i>International Journal of Diabetes in Developing Countries</i> , 2020, 40, 216-222.	0.3	2
1157	Glucose stimulates microRNA-199 expression in murine pancreatic $\beta$ 2-cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 1261-1270.	1.6	10
1158	Genome-wide association study identifies novel risk variants from RPS6KA1, CADPS, VARS, and DHX58 for fasting plasma glucose in Arab population. <i>Scientific Reports</i> , 2020, 10, 152.	1.6	16
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1176	Autosomal dominant diabetes associated with a novel ZYG11A mutation resulting in cell cycle arrest in beta-cells. <i>Molecular and Cellular Endocrinology</i> , 2021, 522, 111126.	1.6	3
1177	Diabetes type 2 risk gene <i>Dusp8</i> is associated with altered sucrose reward behavior in mice and humans. <i>Brain and Behavior</i> , 2021, 11, e01928.	1.0	2
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1180	Sex-specific genetic effects across biomarkers. <i>European Journal of Human Genetics</i> , 2021, 29, 154-163.	1.4	48
1181	A network analysis framework of genetic and nongenetic risks for type 2 diabetes. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021, 22, 461-469.	2.6	4
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1188	What Have We Learned from GWAS?. , 2021, , 159-183.		0
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1192	Hypothalamus and weight loss in amyotrophic lateral sclerosis. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2021, 180, 327-338.	1.0	7
1193	Associations between depression and cardiometabolic health: A 27-year longitudinal study. <i>Psychological Medicine</i> , 2022, 52, 3007-3017.	2.7	16
1194	Genetic Liability to Depression and Risk of Coronary Artery Disease, Myocardial Infarction, and Other Cardiovascular Outcomes. <i>Journal of the American Heart Association</i> , 2021, 10, e017986.	1.6	51
1196	GWAS of peptic ulcer disease implicates <i>Helicobacter pylori</i> infection, other gastrointestinal disorders and depression. <i>Nature Communications</i> , 2021, 12, 1146.	5.8	93
1197	Variation of <i>IgG N</i> -linked glycosylation profile in diabetic retinopathy. <i>Journal of Diabetes</i> , 2021, 13, 672-680.	0.8	12
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1216	Leveraging expression from multiple tissues using sparse canonical correlation analysis and aggregate tests improves the power of transcriptome-wide association studies. <i>PLoS Genetics</i> , 2021, 17, e1008973.	1.5	35
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1222	Identification of novel functional CpG-SNPs associated with Type 2 diabetes and birth weight. <i>Aging</i> , 2021, 13, 10619-10658.	1.4	5
1224	Insulin resistance-associated genetic variants in type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107842.	1.2	8
1225	Progress in Defining the Genetic Contribution to Type 2 Diabetes in Individuals of East Asian Ancestry. <i>Current Diabetes Reports</i> , 2021, 21, 17.	1.7	5
1226	Genetic perturbation of PU.1 binding and chromatin looping at neutrophil enhancers associates with autoimmune disease. <i>Nature Communications</i> , 2021, 12, 2298.	5.8	32
1227	Gene-Environmental Interactions as Metabolic Drivers of Nonalcoholic Steatohepatitis. <i>Frontiers in Endocrinology</i> , 2021, 12, 665987.	1.5	17
1228	Assessment of genetic risk of type 2 diabetes among Pakistanis based on GWAS-implicated loci. <i>Gene</i> , 2021, 783, 145563.	1.0	7
1229	GEM: scalable and flexible gene-environment interaction analysis in millions of samples. <i>Bioinformatics</i> , 2021, 37, 3514-3520.	1.8	17
1230	Dual-specificity phosphatase $\beta$ : A gatekeeper in hypothalamic control of glucose metabolism in males. <i>Journal of Diabetes Investigation</i> , 2021, 12, 1138-1140.	1.1	2
1231	Dissecting polygenic signals from genome-wide association studies on human behaviour. <i>Nature Human Behaviour</i> , 2021, 5, 686-694.	6.2	57
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1248	Exocrine pancreas proteases regulate $\beta$ -cell proliferation in zebrafish ciliopathy models and in murine systems. <i>Biology Open</i> , 2021, 10, .	0.6	5
1249	Prenatal Nicotine Exposure Induces Low Birthweight and Hyperinsulinemia in Male Rats. <i>Frontiers in Endocrinology</i> , 2021, 12, 694336.	1.5	2
1250	Adipose Tissue Epigenetic Profile in Obesity-Related Dysglycemia -ÂA Systematic Review. <i>Frontiers in Endocrinology</i> , 2021, 12, 681649.	1.5	9
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1255	Structural basis of ethnic-specific variants of PAX4 associated with type 2 diabetes. <i>Human Genome Variation</i> , 2021, 8, 25.	0.4	5

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1266	Identification of Gene Signature Associated with Type 2 Diabetes Mellitus by Integrating Mutation and Expression Data. <i>Current Gene Therapy</i> , 2021, 22, 51-58.	0.9	3
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1268	A novel transcriptional risk score for risk prediction of complex human diseases. <i>Genetic Epidemiology</i> , 2021, 45, 811-820.	0.6	3
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1272	Low Plasma Adiponectin in Risk of Type 2 Diabetes: Observational Analysis and One- and Two-Sample Mendelian Randomization Analyses in 756,219 Individuals. <i>Diabetes</i> , 2021, 70, 2694-2705.	0.3	17
1273	Informed choice and attitudes regarding a genomic test to predict risk of colorectal cancer in general practice. <i>Patient Education and Counseling</i> , 2022, 105, 987-995.	1.0	7
1274	Can I Buy My Health? A Genetically Informed Study of Socioeconomic Status and Health. <i>Annals of Behavioral Medicine</i> , 2021, , .	1.7	0
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1277	Multiethnic Genome-Wide Association Study of Subclinical Atherosclerosis in Individuals With Type 2 Diabetes. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003258.	1.6	4
1278	Effect of dietary fat intake and genetic risk on glucose and insulin-related traits in Brazilian young adults. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 1337-1347.	0.8	3
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1281	Involvement of miR-3180-3p and miR-4632-5p in palmitic acid-induced insulin resistance. <i>Molecular and Cellular Endocrinology</i> , 2021, 534, 111371.	1.6	6
1282	Genetics of Type 2 Diabetes: Opportunities for Precision Medicine. <i>Journal of the American College of Cardiology</i> , 2021, 78, 496-512.	1.2	12
1283	Lower Dietary Intake of Plant Protein Is Associated with Genetic Risk of Diabetes-Related Traits in Urban Asian Indian Adults. <i>Nutrients</i> , 2021, 13, 3064.	1.7	4
1284	Multi-Trait Genomic Risk Stratification for Type 2 Diabetes. <i>Frontiers in Medicine</i> , 2021, 8, 711208.	1.2	9
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1288	Physical Activity and Risks of Cardiovascular Diseases: A Mendelian Randomization Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 722154.	1.1	16
1290	Educational level as a cause of type 2 diabetes mellitus: Caution from triangulation of observational and genetic evidence. <i>Acta Diabetologica</i> , 2022, 59, 127-135.	1.2	0
1291	Polymorphisms in GLIS3 and susceptibility to diabetes mellitus: A systematic review and meta-analysis. <i>Meta Gene</i> , 2021, 29, 100898.	0.3	1
1292	TM6SF2: A Novel Genetic Player in Nonalcoholic Fatty Liver and Cardiovascular Disease. <i>Hepatology Communications</i> , 2022, 6, 448-460.	2.0	51
1293	Nicotinamide Adenine Dinucleotide Phosphate Oxidases in Glucose Homeostasis and Diabetes-Related Endothelial Cell Dysfunction. <i>Cells</i> , 2021, 10, 2315.	1.8	16
1294	Association of polymorphic loci of susceptibility to diabetes mellitus type 2 in various ethnic groups of the Russian Federation. <i>Diabetes Mellitus</i> , 2021, 24, 262-272.	0.5	1
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1298	Why Obesity in Parents Matters. , 2016, , 1-9.		1
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1302	Bioinformatics, Genomics and Diabetes. SpringerBriefs in Applied Sciences and Technology, 2016, , 1-18.	0.2	1
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1305	Beta-Cell Fragility As a Common Underlying Risk Factor in Type 1 and Type 2 Diabetes. Trends in Molecular Medicine, 2017, 23, 181-194.	3.5	53
1306	Glucose stimulates microRNA-199 expression in murine pancreatic Î²-cells. Journal of Biological Chemistry, 2020, 295, 1261-1270.	1.6	9
1307	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. Nature Genetics, 2017, 49, 1450-1457.	9.4	218
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1388	Genetics Insights in the Relationship Between Type 2 Diabetes and Coronary Heart Disease. Circulation Research, 2020, 126, 1526-1548.	2.0	58
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1392	Microsatellite and Single Nucleotide Polymorphisms in the Insulin-Like Growth Factor 1 Promoter with Insulin Sensitivity and Insulin Secretion. <i>Medical Science Monitor</i> , 2017, 23, 3722-3736.	0.5	7
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1646	Indolepropionic Acid, a Gut Bacteria-Produced Tryptophan Metabolite and the Risk of Type 2 Diabetes and Non-Alcoholic Fatty Liver Disease. <i>Nutrients</i> , 2022, 14, 4695.	1.7	11
1647	An update of the consensus statement on insulin resistance in children 2010. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	4
1648	Insight into genetic, biological, and environmental determinants of sexual-dimorphism in type 2 diabetes and glucose-related traits. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	0
1652	Prevalence of gestational diabetes mellitus in women with a family history of type 2 diabetes in first- and second-degree relatives. <i>Acta Diabetologica</i> , 2023, 60, 345-351.	1.2	6
1653	Mendelian randomization analyses in ocular disease: a powerful approach to causal inference with human genetic data. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	7
1654	Integrating Common Risk Factors with Polygenic Scores Improves the Prediction of Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2023, 24, 984.	1.8	4
1655	Progress in genetics of type 2 diabetes and diabetic complications. <i>Journal of Diabetes Investigation</i> , 2023, 14, 503-515.	1.1	11
1656	Clinical characteristics and genetic analysis of a Chinese pedigree of type 2 diabetes complicated with interstitial lung disease. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	0
1657	Estimation and implications of the genetic architecture of fasting and non-fasting blood glucose. <i>Nature Communications</i> , 2023, 14, .	5.8	1
1658	Biochemical Activation and Regulatory Functions of Trans-Regulatory KLF14 and Its Association with Genetic Polymorphisms. <i>Metabolites</i> , 2023, 13, 199.	1.3	0
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1660	Microalgae as a Nutraceutical Tool to Antagonize the Impairment of Redox Status Induced by SNPs: Implications on Insulin Resistance. <i>Biology</i> , 2023, 12, 449.	1.3	1
1661	Fast and accurate Bayesian polygenic risk modeling with variational inference. <i>American Journal of Human Genetics</i> , 2023, 110, 741-761.	2.6	3
1662	Nilpotent Singularities and Periodic Perturbation of a $\mathbb{G}_m$ Model: A Pathway to Glucose Disorder. <i>Journal of Nonlinear Science</i> , 2023, 33, .	1.0	2
1663	Structure and Mechanism of Human ABC Transporters. <i>Annual Review of Biophysics</i> , 2023, 52, 275-300.	4.5	20
1664	Wolfram Syndrome 1: A Pediatricianâ€™s and Pediatric Endocrinologistâ€™s Perspective. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3690.	1.8	0
1665	Geneâ€™Nutrient Interactions in Obesity: COBLL1 Genetic Variants Interact with Dietary Fat Intake to Modulate the Incidence of Obesity. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3758.	1.8	0

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1666	THADA inhibition in mice protects against type 2 diabetes mellitus by improving pancreatic $\beta$ -cell function and preserving $\beta$ -cell mass. <i>Nature Communications</i> , 2023, 14, .	5.8	9
1667	Rare and Common Variants in GALNT3 May Affect Bone Mass Independently of Phosphate Metabolism. <i>Journal of Bone and Mineral Research</i> , 2020, 38, 678-691.	3.1	0
1668	Association of gastric inhibitory polypeptide receptor (GIPR) gene polymorphism with type 2 diabetes mellitus in iranian patients. <i>BMC Medical Genomics</i> , 2023, 16, .	0.7	1
1669	Diabetes and Other Comorbidities: Microvascular and Macrovascular Diseases <i>Diabetes and Cancer</i> , 2023, , 21-39.		4
1670	The genetic basis of endometriosis and comorbidity with other pain and inflammatory conditions. <i>Nature Genetics</i> , 2023, 55, 423-436.	9.4	50
1671	Knocking Down CDKN2A in 3D hiPSC-Derived Brown Adipose Progenitors Potentiates Differentiation, Oxidative Metabolism and Browning Process. <i>Cells</i> , 2023, 12, 870.	1.8	0
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1673	Genetic variation in cis-regulatory domains suggests cell type-specific regulatory mechanisms in immunity. <i>Communications Biology</i> , 2023, 6, .	2.0	3
1674	Pharmacogenetic interactions of medications administered for weight loss in adults: a systematic review and meta-analysis. <i>Pharmacogenomics</i> , 2023, 24, 283-295.	0.6	0
1677	Common and rare variants associated with cardiometabolic traits across 98,622 whole-genome sequences in the All of Us research program. <i>Journal of Human Genetics</i> , 2023, 68, 565-570.	1.1	1
1697	Genetic Contributions and Personalized Medicine. , 2023, , 3-17.		0
1703	Genetics of Coronary Artery Disease in Diabetes Mellitus. <i>Contemporary Cardiology</i> , 2023, , 129-157.	0.0	1
1704	Utility of genetic risk scores in type 1 diabetes. <i>Diabetologia</i> , 2023, 66, 1589-1600.	2.9	3
1711	Emerging therapeutic options in the management of diabetes: recent trends, challenges and future directions. <i>International Journal of Obesity</i> , 2023, 47, 1179-1199.	1.6	2
1728	Genetics of Type 2 Diabetes. , 2024, , 1-17.		0
1737	The role of genetic and epigenetic factors in familial clustering of metabolic syndrome. , 2024, , 219-234.		0
1740	Genetics of Type 2 Diabetes. , 2023, , 145-161.		0
1743	Precision Medicine and Epigenetics. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2024, , 288-309.	0.2	0

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