

# Leif C Groop

## List of Publications by Year in descending order

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Version: 2024-02-01

248  
papers

73,522  
citations

5126

86  
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946

246  
g-index

266  
all docs

266  
docs citations

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times ranked

88687  
citing authors

#	ARTICLE	IF	CITATIONS
1	Subgroups of patients with young-onset type 2 diabetes in India reveal insulin deficiency as a major driver. <i>Diabetologia</i> , 2022, 65, 65-78.	2.9	34
2	Validation of the classification for type 2 diabetes into five subgroups: a report from the ORIGIN trial. <i>Diabetologia</i> , 2022, 65, 206-215.	2.9	31
3	The role of circulating galectin-1 in type 2 diabetes and chronic kidney disease: evidence from cross-sectional, longitudinal and Mendelian randomisation analyses. <i>Diabetologia</i> , 2022, 65, 128-139.	2.9	7
4	Two New Mutations in the <i>CEL</i> Gene Causing Diabetes and Hereditary Pancreatitis: How to Correctly Identify MODY8 Cases. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1455-e1466.	1.8	12
5	Mapping the Cord Blood Transcriptome of Pregnancies Affected by Early Maternal Anemia to Identify Signatures of Fetal Programming. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 1303-1316.	1.8	8
6	Rare coding variants in 35 genes associate with circulating lipid levels—A multi-ancestry analysis of 170,000 exomes. <i>American Journal of Human Genetics</i> , 2022, 109, 81-96.	2.6	24
7	Data-driven subgroups of type 2 diabetes, metabolic response, and renal risk profile after bariatric surgery: a retrospective cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2022, 10, 167-176.	5.5	32
8	Multi-ancestry genome-wide association study of gestational diabetes mellitus highlights genetic links with type 2 diabetes. <i>Human Molecular Genetics</i> , 2022, 31, 3377-3391.	1.4	47
9	Obesity-associated Blunted Subcutaneous Adipose Tissue Blood Flow After Meal Improves After Bariatric Surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 1930-1938.	1.8	2
10	A multigenerational study on phenotypic consequences of the most common causal variant of HNF1A-MODY. <i>Diabetologia</i> , 2022, 65, 632-643.	2.9	7
11	Lipid-Associated Variants near ANGPTL3 and LPL Show Parent-of-Origin Specific Effects on Blood Lipid Levels and Obesity. <i>Genes</i> , 2022, 13, 91.	1.0	0
12	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572.	9.4	250
13	Novel Subgroups of Type 2 Diabetes Display Different Epigenetic Patterns That Associate With Future Diabetic Complications. <i>Diabetes Care</i> , 2022, 45, 1621-1630.	4.3	15
14	Genome-wide meta-analysis and omics integration identifies novel genes associated with diabetic kidney disease. <i>Diabetologia</i> , 2022, 65, 1495-1509.	2.9	16
15	Adult-onset diabetes in Middle Eastern immigrants to Sweden: Novel subgroups and diabetic complications—The All New Diabetes in Scania cohort diabetic complications and ethnicity. <i>Diabetes/Metabolism Research and Reviews</i> , 2021, 37, e3419.	1.7	21
16	Glucose-Dependent Insulinotropic Peptide in the High-Normal Range Is Associated With Increased Carotid Intima-Media Thickness. <i>Diabetes Care</i> , 2021, 44, 224-230.	4.3	20
17	Genetic analysis of obstructive sleep apnoea discovers a strong association with cardiometabolic health. <i>European Respiratory Journal</i> , 2021, 57, 2003091.	3.1	85
18	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	5.8	87

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19	Relationship between insulin sensitivity and gene expression in human skeletal muscle. <i>BMC Endocrine Disorders</i> , 2021, 21, 32.	0.9	6
20	Accuracy of 1-Hour Plasma Glucose During the Oral Glucose Tolerance Test in Diagnosis of Type 2 Diabetes in Adults: A Meta-analysis. <i>Diabetes Care</i> , 2021, 44, 1062-1069.	4.3	25
21	Combined lifestyle factors and the risk of LADA and type 2 diabetes – Results from a Swedish population-based case-control study. <i>Diabetes Research and Clinical Practice</i> , 2021, 174, 108760.	1.1	8
22	Genetic factors affect the susceptibility to bacterial infections in diabetes. <i>Scientific Reports</i> , 2021, 11, 9464.	1.6	2
23	HLA class I genes modulate disease risk and age at onset together with DR-DQ in Chinese patients with insulin-requiring type 1 diabetes. <i>Diabetologia</i> , 2021, 64, 2026-2036.	2.9	8
24	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. <i>Nature Communications</i> , 2021, 12, 3505.	5.8	49
25	Replication and cross-validation of type 2 diabetes subtypes based on clinical variables: an IMI-RHAPSODY study. <i>Diabetologia</i> , 2021, 64, 1982-1989.	2.9	44
26	Novel Reclassification of Adult Diabetes Is Useful to Distinguish Stages of $\beta^2$ -Cell Function Linked to the Risk of Vascular Complications: The DOLCE Study From Northern Ukraine. <i>Frontiers in Genetics</i> , 2021, 12, 637945.	1.1	15
27	Distinct Molecular Signatures of Clinical Clusters in People With Type 2 Diabetes: An IMI-RHAPSODY Study. <i>Diabetes</i> , 2021, 70, 2683-2693.	0.3	26
28	Reduced expression of OXPHOS and DNA damage genes is linked to protection from microvascular complications in long-term type 1 diabetes: the PROLONG study. <i>Scientific Reports</i> , 2021, 11, 20735.	1.6	7
29	TIGER: The gene expression regulatory variation landscape of human pancreatic islets. <i>Cell Reports</i> , 2021, 37, 109807.	2.9	45
30	Urinary extracellular vesicles: Assessment of pre-analytical variables and development of a quality control with focus on transcriptomic biomarker research. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12158.	5.5	26
31	Genome-Wide Association Study of Peripheral Artery Disease. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e002862.	1.6	24
32	Genome-wide association analyses highlight etiological differences underlying newly defined subtypes of diabetes. <i>Nature Genetics</i> , 2021, 53, 1534-1542.	9.4	81
33	Elevated circulating follistatin associates with an increased risk of type 2 diabetes. <i>Nature Communications</i> , 2021, 12, 6486.	5.8	31
34	Genotypes of HLA, TCF7L2, and FTO as potential modifiers of the association between sweetened beverage consumption and risk of LADA and type 2 diabetes. <i>European Journal of Nutrition</i> , 2020, 59, 127-135.	1.8	6
35	Glucocorticoid induces human beta cell dysfunction by involving riborepressor GAS5 lincRNA. <i>Molecular Metabolism</i> , 2020, 32, 160-167.	3.0	37
36	Genetic Discrimination Between LADA and Childhood-Onset Type 1 Diabetes Within the MHC. <i>Diabetes Care</i> , 2020, 43, 418-425.	4.3	23

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37	Liver nucleotide biosynthesis is linked to protection from vascular complications in individuals with long-term type 1 diabetes. <i>Scientific Reports</i> , 2020, 10, 11561.	1.6	8
38	Low-cost exercise interventions improve long-term cardiometabolic health independently of a family history of type 2 diabetes: a randomized parallel group trial. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001377.	1.2	3
39	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.	9.4	91
40	Genome-wide association analysis of type 2 diabetes in the EPIC-InterAct study. <i>Scientific Data</i> , 2020, 7, 393.	2.4	19
41	Physical Activity, Genetic Susceptibility, and the Risk of Latent Autoimmune Diabetes in Adults and Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4112-e4123.	1.8	11
42	Subtypes of Type 2 Diabetes Determined From Clinical Parameters. <i>Diabetes</i> , 2020, 69, 2086-2093.	0.3	103
43	Epigenetic markers associated with metformin response and intolerance in drug-naïve patients with type 2 diabetes. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	34
44	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002769.	1.6	5
45	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020, 581, 434-443.	13.7	6,140
46	Transcript expression-aware annotation improves rare variant interpretation. <i>Nature</i> , 2020, 581, 452-458.	13.7	142
47	Metabolic Effects of Gastric Bypass Surgery: Is It All About Calories?. <i>Diabetes</i> , 2020, 69, 2027-2035.	0.3	24
48	Absence of Islet Autoantibodies and Modestly Raised Glucose Values at Diabetes Diagnosis Should Lead to Testing for MODY: Lessons From a 5-Year Pediatric Swedish National Cohort Study. <i>Diabetes Care</i> , 2020, 43, 82-89.	4.3	68
49	Metabolic and Genetic Determinants of Glucose Shape After Oral Challenge in Obese Youths: A Longitudinal Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 534-542.	1.8	8
50	Glucose-dependent insulinotropic peptide and risk of cardiovascular events and mortality: a prospective study. <i>Diabetologia</i> , 2020, 63, 1043-1054.	2.9	18
51	Genetic variant effects on gene expression in human pancreatic islets and their implications for T2D. <i>Nature Communications</i> , 2020, 11, 4912.	5.8	89
52	MuscleAtlasExplorer: a web service for studying gene expression in human skeletal muscle. <i>Database: the Journal of Biological Databases and Curation</i> , 2020, 2020, .	1.4	2
53	Hydroxysteroid 17-β dehydrogenase 13 variant increases phospholipids and protects against fibrosis in nonalcoholic fatty liver disease. <i>JCI Insight</i> , 2020, 5, .	2.3	62
54	Heterogeneity of diabetes – An Indian perspective. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 3065-3067.	1.8	4

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55	Fostering improved human islet research: a European perspective. <i>Diabetologia</i> , 2019, 62, 1514-1516.	2.9	13
56	Risk of diabetes-associated diseases in subgroups of patients with recent-onset diabetes: a 5-year follow-up study. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 684-694.	5.5	364
57	Human pancreatic islet three-dimensional chromatin architecture provides insights into the genetics of type 2 diabetes. <i>Nature Genetics</i> , 2019, 51, 1137-1148.	9.4	208
58	Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 2000-2016.	3.0	135
59	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	5.8	84
60	Loss of ZnT8 function protects against diabetes by enhanced insulin secretion. <i>Nature Genetics</i> , 2019, 51, 1596-1606.	9.4	96
61	Clusters provide a better holistic view of type 2 diabetes than simple clinical features. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 668-669.	5.5	24
62	FOETAL for NCD – FOetal Exposure and Epidemiological Transitions: the role of Anaemia in early Life for Non-Communicable Diseases in later life: a prospective preconception study in rural Tanzania. <i>BMJ Open</i> , 2019, 9, e024861.	0.8	15
63	Genome editing of human pancreatic beta cell models: problems, possibilities and outlook. <i>Diabetologia</i> , 2019, 62, 1329-1336.	2.9	20
64	Interaction Between Overweight and Genotypes of HLA, TCF7L2, and FTO in Relation to the Risk of Latent Autoimmune Diabetes in Adults and Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4815-4826.	1.8	22
65	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019, 570, 71-76.	13.7	248
66	Roadmap for a precision-medicine initiative in the Nordic region. <i>Nature Genetics</i> , 2019, 51, 924-930.	9.4	22
67	1-Hour Post-OGTT Glucose Improves the Early Prediction of Type 2 Diabetes by Clinical and Metabolic Markers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1131-1140.	1.8	53
68	The associations of daylight and melatonin receptor 1B gene rs10830963 variant with glycemic traits: the prospective PPP-Botnia study. <i>Annals of Medicine</i> , 2019, 51, 58-67.	1.5	7
69	The functional impact of G protein-coupled receptor 142 (Gpr142) on pancreatic $\beta^2$ -cell in rodent. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 633-645.	1.3	24
70	Multiethnic Genome-Wide Association Study of Diabetic Retinopathy Using Liability Threshold Modeling of Duration of Diabetes and Glycemic Control. <i>Diabetes</i> , 2019, 68, 441-456.	0.3	54
71	Preserving Insulin Secretion in Diabetes by Inhibiting VDAC1 Overexpression and Surface Translocation in $\beta^2$ Cells. <i>Cell Metabolism</i> , 2019, 29, 64-77.e6.	7.2	100
72	Novel subgroups of adult-onset diabetes and their association with outcomes: a data-driven cluster analysis of six variables. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 361-369.	5.5	1,430

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73	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018, 50, 559-571.	9.4	356
74	N1-methylnicotinamide is a signalling molecule produced in skeletal muscle coordinating energy metabolism. <i>Scientific Reports</i> , 2018, 8, 3016.	1.6	42
75	HAPT2D: high accuracy of prediction of T2D with a model combining basic and advanced data depending on availability. <i>European Journal of Endocrinology</i> , 2018, 178, 331-341.	1.9	12
76	Genome-wide meta-analysis identifies novel determinants of circulating serum progranulin. <i>Human Molecular Genetics</i> , 2018, 27, 546-558.	1.4	15
77	Family history of diabetes and its relationship with insulin secretion and insulin sensitivity in Iraqi immigrants and native Swedes: a population-based cohort study. <i>Acta Diabetologica</i> , 2018, 55, 233-242.	1.2	13
78	Haplotype Sharing Provides Insights into Fine-Scale Population History and Disease in Finland. <i>American Journal of Human Genetics</i> , 2018, 102, 760-775.	2.6	57
79	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. <i>Diabetes</i> , 2018, 67, 1414-1427.	0.3	136
80	Overweight, obesity and the risk of LADA: results from a Swedish case-control study and the Norwegian HUNT Study. <i>Diabetologia</i> , 2018, 61, 1333-1343.	2.9	63
81	Role of osteopontin and its regulation in pancreatic islet. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1426-1431.	1.0	8
82	A variant within the FTO confers susceptibility to diabetic nephropathy in Japanese patients with type 2 diabetes. <i>PLoS ONE</i> , 2018, 13, e0208654.	1.1	30
83	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. <i>Nature Genetics</i> , 2018, 50, 1505-1513.	9.4	1,331
84	Turning Vice into Virtue: Using Batch-Effects to Detect Errors in Large Genomic Data Sets. <i>Genome Biology and Evolution</i> , 2018, 10, 2697-2708.	1.1	7
85	Discovering human diabetes-risk gene function with genetics and physiological assays. <i>Nature Communications</i> , 2018, 9, 3855.	5.8	47
86	First Genome-Wide Association Study of Latent Autoimmune Diabetes in Adults Reveals Novel Insights Linking Immune and Metabolic Diabetes. <i>Diabetes Care</i> , 2018, 41, 2396-2403.	4.3	99
87	A genome-wide association study suggests new evidence for an association of the <i>NADPH Oxidase 4 (NOX4)</i> gene with severe diabetic retinopathy in type 2 diabetes. <i>Acta Ophthalmologica</i> , 2018, 96, e811-e819.	0.6	52
88	Predictors of responses to clinic-based childhood obesity care. <i>Pediatric Diabetes</i> , 2018, 19, 1351-1356.	1.2	12
89	Obstructive sleep apnoea and the risk for coronary heart disease and type 2 diabetes: a longitudinal population-based study in Finland. <i>BMJ Open</i> , 2018, 8, e022752.	0.8	54
90	Novel diabetes subgroups - Authors' reply. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 440-441.	5.5	4

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91	Controllability in an islet specific regulatory network identifies the transcriptional factor NFATC4, which regulates Type 2 Diabetes associated genes. <i>Npj Systems Biology and Applications</i> , 2018, 4, 25.	1.4	25
92	Liver blood dynamics after bariatric surgery: the effects of mixed-meal test and incretin infusions. <i>Endocrine Connections</i> , 2018, 7, 888-896.	0.8	12
93	Activation of imidazoline receptor I <sub>2</sub> , and improved pancreatic $\beta$ -cell function in human islets. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 813-818.	1.2	3
94	Melatonin receptor 1B gene rs10830963 polymorphism, depressive symptoms and glycaemic traits. <i>Annals of Medicine</i> , 2018, 50, 704-712.	1.5	6
95	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. <i>Nature Communications</i> , 2018, 9, 2252.	5.8	99
96	Silencing of the FTO gene inhibits insulin secretion: An in vitro study using GRINCH cells. <i>Molecular and Cellular Endocrinology</i> , 2018, 472, 10-17.	1.6	23
97	DOLORisk: study protocol for a multi-centre observational study to understand the risk factors and determinants of neuropathic pain. <i>Wellcome Open Research</i> , 2018, 3, 63.	0.9	26
98	Bariatric Surgery Enhances Splanchnic Vascular Responses in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2017, 66, 880-885.	0.3	13
99	Impaired hepatic lipid synthesis from polyunsaturated fatty acids in TM6SF2 E167K variant carriers with NAFLD. <i>Journal of Hepatology</i> , 2017, 67, 128-136.	1.8	97
100	MECHANISMS IN ENDOCRINOLOGY: Epigenetic modifications and gestational diabetes: a systematic review of published literature. <i>European Journal of Endocrinology</i> , 2017, 176, R247-R267.	1.9	42
101	Aortic diameter at age 65 in men with newly diagnosed type 2 diabetes. <i>Scandinavian Cardiovascular Journal</i> , 2017, 51, 202-206.	0.4	13
102	Functional Investigations of <i>HNF1A</i> Identify Rare Variants as Risk Factors for Type 2 Diabetes in the General Population. <i>Diabetes</i> , 2017, 66, 335-346.	0.3	54
103	Early metabolic markers identify potential targets for the prevention of type 2 diabetes. <i>Diabetologia</i> , 2017, 60, 1740-1750.	2.9	96
104	Continuous and simultaneous determination of venous blood metabolites. <i>Talanta</i> , 2017, 171, 270-274.	2.9	5
105	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017, 66, 2888-2902.	0.3	615
106	The rs7903146 Variant in the <i>TCF7L2</i> Gene Increases the Risk of Prediabetes/Type 2 Diabetes in Obese Adolescents by Impairing $\beta$ -Cell Function and Hepatic Insulin Sensitivity. <i>Diabetes Care</i> , 2017, 40, 1082-1089.	4.3	50
107	Automated pathway and reaction prediction facilitates in silico identification of unknown metabolites in human cohort studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1071, 58-67.	1.2	16
108	A Low-Frequency Inactivating <i>AKT2</i> Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017, 66, 2019-2032.	0.3	47

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109	Nonsuppressed Glucagon After Glucose Challenge as a Potential Predictor for Glucose Tolerance. <i>Diabetes</i> , 2017, 66, 1373-1379.	0.3	25
110	Differentiation of Diabetes by Pathophysiology, Natural History, and Prognosis. <i>Diabetes</i> , 2017, 66, 241-255.	0.3	454
111	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766.	9.4	470
112	Effects of meal and incretins in the regulation of splanchnic blood flow. <i>Endocrine Connections</i> , 2017, 6, 179-187.	0.8	21
113	Heterozygous RFX6 protein truncating variants are associated with MODY with reduced penetrance. <i>Nature Communications</i> , 2017, 8, 888.	5.8	95
114	Glucose-Induced Changes in Gene Expression in Human Pancreatic Islets: Causes or Consequences of Chronic Hyperglycemia. <i>Diabetes</i> , 2017, 66, 3013-3028.	0.3	61
115	The Genetic Landscape of Renal Complications in Type 1 Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 557-574.	3.0	101
116	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017, 4, 170179.	2.4	31
117	Genetic determinants of circulating GIP and GLP-1 concentrations. <i>JCI Insight</i> , 2017, 2, .	2.3	46
118	The impact of Roux-en-Y gastric bypass surgery on normal metabolism in a porcine model. <i>PLoS ONE</i> , 2017, 12, e0173137.	1.1	10
119	Glucose-Dependent Insulinotropic Polypeptide Stimulates Osteopontin Expression in the Vasculature via Endothelin-1 and CREB. <i>Diabetes</i> , 2016, 65, 239-254.	0.3	41
120	A Variant of GJD2, Encoding for Connexin 36, Alters the Function of Insulin Producing $\beta$ -Cells. <i>PLoS ONE</i> , 2016, 11, e0150880.	1.1	19
121	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	13.7	952
122	Increased Melatonin Signaling Is a Risk Factor for Type 2 Diabetes. <i>Cell Metabolism</i> , 2016, 23, 1067-1077.	7.2	194
123	$\beta$ -Hydroxybutyric Acid Is a Selective Metabolite Biomarker of Impaired Glucose Tolerance. <i>Diabetes Care</i> , 2016, 39, 988-995.	4.3	93
124	Analysis of 589,306 genomes identifies individuals resilient to severe Mendelian childhood diseases. <i>Nature Biotechnology</i> , 2016, 34, 531-538.	9.4	273
125	Smoking and the Risk of LADA: Results From a Swedish Population-Based Case-Control Study. <i>Diabetes Care</i> , 2016, 39, 794-800.	4.3	26
126	Excess maternal transmission of variants in the THADA gene to offspring with type 2 diabetes. <i>Diabetologia</i> , 2016, 59, 1702-1713.	2.9	19



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127	DNA methylation of loci within <i>ABCG1</i> and <i>PHOSPHO1</i> in blood DNA is associated with future type 2 diabetes risk. <i>Epigenetics</i> , 2016, 11, 482-488.	1.3	152
128	Single-Cell Sequencing of Human Pancreatic Islets—New Kids on the Block. <i>Cell Metabolism</i> , 2016, 24, 523-524.	7.2	7
129	A reference panel of 64,976 haplotypes for genotype imputation. <i>Nature Genetics</i> , 2016, 48, 1279-1283.	9.4	2,421
130	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	5.8	74
131	Adhesion G Protein-Coupled Receptor G1 ( <i>ADGRG1/GPR56</i> ) and Pancreatic $\beta$ -Cell Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4637-4645.	1.8	53
132	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016, 48, 1151-1161.	9.4	261
133	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies <i>BCL2</i> and <i>FAM19A2</i> as Novel Insulin Sensitivity Loci. <i>Diabetes</i> , 2016, 65, 3200-3211.	0.3	67
134	Impact of the <i>TCF7L2</i> genotype on risk of hypoglycaemia and glucagon secretion during hypoglycaemia. <i>Endocrine Connections</i> , 2016, 5, 53-60.	0.8	2
135	Blood-based biomarkers of age-associated epigenetic changes in human islets associate with insulin secretion and diabetes. <i>Nature Communications</i> , 2016, 7, 11089.	5.8	201
136	Histone acetylation of glucose-induced thioredoxin-interacting protein gene expression in pancreatic islets. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 82-91.	1.2	20
137	CART is overexpressed in human type 2 diabetic islets and inhibits glucagon secretion and increases insulin secretion. <i>Diabetologia</i> , 2016, 59, 1928-1937.	2.9	24
138	Atrial Natriuretic Peptide in the High Normal Range Is Associated With Lower Prevalence of Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1372-1380.	1.8	17
139	Epigenetic regulation of glucose-stimulated osteopontin ( <i>OPN</i> ) expression in diabetic kidney. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 108-113.	1.0	33
140	Epigenetic regulation of the thioredoxin-interacting protein ( <i>TXNIP</i> ) gene by hyperglycemia in kidney. <i>Kidney International</i> , 2016, 89, 342-353.	2.6	70
141	Harmonising and linking biomedical and clinical data across disparate data archives to enable integrative cross-biobank research. <i>European Journal of Human Genetics</i> , 2016, 24, 521-528.	1.4	27
142	Influence of Familial Renal Glycosuria Due to Mutations in the <i>SLC5A2</i> Gene on Changes in Glucose Tolerance over Time. <i>PLoS ONE</i> , 2016, 11, e0146114.	1.1	22
143	A Genome-Wide mQTL Analysis in Human Adipose Tissue Identifies Genetic Variants Associated with DNA Methylation, Gene Expression and Metabolic Traits. <i>PLoS ONE</i> , 2016, 11, e0157776.	1.1	88
144	Type 2 diabetes mellitus. <i>Nature Reviews Disease Primers</i> , 2015, 1, 15019.	18.1	1,308

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145	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.	1.5	331
146	Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. <i>PLoS Genetics</i> , 2015, 11, e1005230.	1.5	77
147	Country of birth modifies the association of fatty liver index with insulin action in Middle Eastern immigrants to Sweden. <i>Diabetes Research and Clinical Practice</i> , 2015, 110, 66-74.	1.1	10
148	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
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