Jose C Florez

List of Publications by Citations

170 papers	31,653 citations	69 h-index	177 g-index
188 ext. papers	37,675 ext. citations	12 avg, IF	6.48 L-index

#	Paper	IF	Citations
170	Analysis of protein-coding genetic variation in 60,706 humans. *Nature*, **2016**, 536, 285-91	50.4	6940
169	Genome-wide association analysis identifies loci for type 2 diabetes and triglyceride levels. *Science*, **2007**, 316, 1331-6	33.3	2364
168	Metabolite profiles and the risk of developing diabetes. *Nature Medicine*, **2011**, 17, 448-53	50.5	2044
167	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. *Nature Genetics*, **2012**, 44, 981-90	36.3	1482
166	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. *Nature Genetics*, **2010**, 42, 579-89	36.3	1449
165	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. *Nature Genetics*, **2014**, 46, 234-44	36.3	784
164	The genetic architecture of type 2 diabetes. *Nature*, **2016**, 536, 41-47	50.4	704
163	TCF7L2 polymorphisms and progression to diabetes in the Diabetes Prevention Program. *New England Journal of Medicine*, **2006**, 355, 241-50	59.2	679
162	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. *Nature Genetics*, **2018**, 50, 1505-1513	36.3	675
161	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. *Nature Genetics*, **2012**, 44, 991-1005	36.3	621
160	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. *Nature Genetics*, **2012**, 44, 659-69	36.3	615
159	Genotype score in addition to common risk factors for prediction of type 2 diabetes. *New England Journal of Medicine*, **2008**, 359, 2208-19	59.2	608
158	Variants in MTNR1B influence fasting glucose levels. *Nature Genetics*, **2009**, 41, 77-81	36.3	584
157	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. *Nature Genetics*, **2010**, 42, 142-8	36.3	527
156	Lipid profiling identifies a triacylglycerol signature of insulin resistance and improves diabetes prediction in humans. *Journal of Clinical Investigation*, **2011**, 121, 1402-11	15.9	420
155	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. *Diabetes*, **2017**, 66, 2888-2902	8.9	414
154	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	11.6	379

153	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. *PLoS Genetics*, **2012**, 8, e1002607	6	326
152	Sequence variants in SLC16A11 are a common risk factor for type 2 diabetes in Mexico. *Nature*, **2014**, 506, 97-101	50.4	323
151	Common single nucleotide polymorphisms in TCF7L2 are reproducibly associated with type 2 diabetes and reduce the insulin response to glucose in nondiabetic individuals. *Diabetes*, **2006**, 55, 2890-5	9.9	318
150	Common variants at 10 genomic loci influence hemoglobin A[C) levels via glycemic and nonglycemic pathways. *Diabetes*, **2010**, 59, 3229-39	0.9	314
149	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. *Nature Genetics*, **2015**, 47, 1415-25	36.3	292
148	Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. *Diabetes*, **2011**, 60, 2624-34	0.9	285
147	2-Aminoadipic acid is a biomarker for diabetes risk. *Journal of Clinical Investigation*, **2013**, 123, 4309-17	15.9	281
146	The genetics of type 2 diabetes: what have we learned from GWAS?. *Annals of the New York Academy of Sciences*, **2010**, 1212, 59-77	6.5	264
145	Haplotype structure and genotype-phenotype correlations of the sulfonylurea receptor and the islet ATP-sensitive potassium channel gene region. *Diabetes*, **2004**, 53, 1360-8	0.9	261
144	The inherited basis of diabetes mellitus: implications for the genetic analysis of complex traits. *Annual Review of Genomics and Human Genetics*, **2003**, 4, 257-91	9.7	236
143	Impact of type 2 diabetes susceptibility variants on quantitative glycemic traits reveals mechanistic heterogeneity. *Diabetes*, **2014**, 63, 2158-71	0.9	235
142	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. *PLoS Medicine*, **2017**, 14, e1002383	11.6	223
141	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nature Genetics*, **2018**, 50, 559-571	36.3	221
140	Detailed physiologic characterization reveals diverse mechanisms for novel genetic Loci regulating glucose and insulin metabolism in humans. *Diabetes*, **2010**, 59, 1266-75	0.9	211
139	Common variants in 40 genes assessed for diabetes incidence and response to metformin and lifestyle intervention in the diabetes prevention program. *Diabetes*, **2010**, 59, 2672-81	0.9	200
138	Type 2 diabetes genetic loci informed by multi-trait associations point to disease mechanisms and subtypes: A soft clustering analysis. *PLoS Medicine*, **2018**, 15, e1002654	11.6	180
137	New susceptibility loci associated with kidney disease in type 1 diabetes. *PLoS Genetics*, **2012**, 8, e1002923	6.1	176
136	Genetics of diabetes mellitus and diabetes complications. *Nature Reviews Nephrology*, **2020**, 16, 377-390	14.9	172

135	CUBN is a gene locus for albuminuria. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 555-70	12.7	170
134	The prevention of type 2 diabetes. *Nature Clinical Practice Endocrinology and Metabolism*, **2008**, 4, 382-93		170
133	Association of a low-frequency variant in HNF1A with type 2 diabetes in a Latino population. *JAMA - Journal of the American Medical Association*, **2014**, 311, 2305-14	27.4	164
132	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, 1340-8	8.8	153
131	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. *Nature Communications*, **2015**, 6, 5897	17.4	147
130	Genetic risk reclassification for type 2 diabetes by age below or above 50 years using 40 type 2 diabetes risk single nucleotide polymorphisms. *Diabetes Care*, **2011**, 34, 121-5	14.6	145
129	A genome-wide association search for type 2 diabetes genes in African Americans. *PLoS ONE*, **2012**, 7, e29202	3.7	138
128	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. *Nature*, **2019**, 570, 71-76	50.4	129
127	Meta-analysis of gene-environment interaction: joint estimation of SNP and SNP environment regression coefficients. *Genetic Epidemiology*, **2011**, 35, 11-8	2.6	121
126	Personalized genetic risk counseling to motivate diabetes prevention: a randomized trial. *Diabetes Care*, **2013**, 36, 13-9	14.6	119
125	Effects of the type 2 diabetes-associated PPARG P12A polymorphism on progression to diabetes and response to troglitazone. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 1502-9	5.6	113
124	Variation in the glucose transporter gene SLC2A2 is associated with glycemic response to metformin. *Nature Genetics*, **2016**, 48, 1055-1059	36.3	108
123	Assessing the phenotypic effects in the general population of rare variants in genes for a dominant Mendelian form of diabetes. *Nature Genetics*, **2013**, 45, 1380-5	36.3	103
122	Gene-environment and gene-treatment interactions in type 2 diabetes: progress, pitfalls, and prospects. *Diabetes Care*, **2013**, 36, 1413-21	14.6	100
121	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. *Nature Communications*, **2016**, 7, 10531	17.4	99
120	Polygenic type 2 diabetes prediction at the limit of common variant detection. *Diabetes*, **2014**, 63, 2172-82	8.9	96
119	Genetic Risk Scores for Diabetes Diagnosis and Precision Medicine. *Endocrine Reviews*, **2019**, 40, 1500-1520	27.2	94
118	Type 2 Diabetes Variants Disrupt Function of SLC16A11 through Two Distinct Mechanisms. *Cell*, **2017**, 170, 199-212.e20	56.2	94

117	Heterogeneous Contribution of Insulin Sensitivity and Secretion Defects to Gestational Diabetes Mellitus. *Diabetes Care*, **2016**, 39, 1052-5	14.6	93
116	Type 2 diabetes: genetic data sharing to advance complex disease research. *Nature Reviews Genetics*, **2016**, 17, 535-49	30.1	92
115	Metformin pharmacogenomics: current status and future directions. *Diabetes*, **2014**, 63, 2590-9	0.9	90
114	Clinical review: the genetics of type 2 diabetes: a realistic appraisal in 2008. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 4633-42	5.6	90
113	Extension of type 2 diabetes genome-wide association scan results in the diabetes prevention program. *Diabetes*, **2008**, 57, 2503-10	0.9	86
112	The new type 2 diabetes gene TCF7L2. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2007** , 10, 391-6	3.8	83
111	The ENPP1 K121Q polymorphism is associated with type 2 diabetes in European populations: evidence from an updated meta-analysis in 42,042 subjects. *Diabetes*, **2008**, 57, 1125-30	0.9	80
110	Metabolite Profiles of Diabetes Incidence and Intervention Response in the Diabetes Prevention Program. *Diabetes*, **2016**, 65, 1424-33	0.9	79
109	Advancing Dinner Timing Is an Effective Strategy in Improving Glucose Tolerance in Free-Living Adults: A Randomized Cross-Over Trial. *Current Developments in Nutrition*, **2020**, 4, 585-585	0.4	78
108	Large-Scale, Genome-Wide Gene-Diet Interaction Testing for HbA1c Using Derived Dietary Patterns in the UK Biobank. *Current Developments in Nutrition*, **2020**, 4, 1280-1280	0.4	78
107	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	14.6	75
106	A 100K genome-wide association scan for diabetes and related traits in the Framingham Heart Study: replication and integration with other genome-wide datasets. *Diabetes*, **2007**, 56, 3063-74	0.9	74
105	Genome-wide association with diabetes-related traits in the Framingham Heart Study. *BMC Medical Genetics*, **2007**, 8 Suppl 1, S16	2.1	72
104	Association testing in 9,000 people fails to confirm the association of the insulin receptor substrate-1 G972R polymorphism with type 2 diabetes. *Diabetes*, **2004**, 53, 3313-8	0.9	72
103	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. *Diabetes*, **2018**, 67, 1414-1427	0.9	71
102	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	5.9	70
101	The Genetic Landscape of Renal Complications in Type 1 Diabetes. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 557-574	12.7	69
100	Common variants in the ENPP1 gene are not reproducibly associated with diabetes or obesity. *Diabetes*, **2006**, 55, 3180-4	0.9	69

99	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, 2738-45	14.6	68
98	Genomics of type 2 diabetes mellitus: implications for the clinician. *Nature Reviews Endocrinology*, **2009**, 5, 429-36	15.2	68
97	Metabolite traits and genetic risk provide complementary information for the prediction of future type 2 diabetes. *Diabetes Care*, **2014**, 37, 2508-14	14.6	67
96	Association testing of previously reported variants in a large case-control meta-analysis of diabetic nephropathy. *Diabetes*, **2012**, 61, 2187-94	0.9	67
95	Metabolomics insights into early type 2 diabetes pathogenesis and detection in individuals with normal fasting glucose. *Diabetologia*, **2018**, 61, 1315-1324	10.3	66
94	Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen. *Journal of the American Society of Nephrology: JASN*, **2019**, 30, 2000-2016	12.7	66
93	The C allele of ATM rs11212617 does not associate with metformin response in the Diabetes Prevention Program. *Diabetes Care*, **2012**, 35, 1864-7	14.6	59
92	Chromosome 2q31.1 associates with ESRD in women with type 1 diabetes. *Journal of the American Society of Nephrology: JASN*, **2013**, 24, 1537-43	12.7	54
91	A Global Overview of Precision Medicine in Type 2 Diabetes. *Diabetes*, **2018**, 67, 1911-1922	0.9	52
90	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, 4312-21	0.9	51
89	Genetic architecture of type 2 diabetes: recent progress and clinical implications. *Diabetes Care*, **2009**, 32, 1107-14	14.6	51
88	Re-analysis of public genetic data reveals a rare X-chromosomal variant associated with type 2 diabetes. *Nature Communications*, **2018**, 9, 321	17.4	50
87	Genetic Evidence That Carbohydrate-Stimulated Insulin Secretion Leads to Obesity. *Clinical Chemistry*, **2018**, 64, 192-200	5.5	47
86	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies BCL2 and FAM19A2 as Novel Insulin Sensitivity Loci. *Diabetes*, **2016**, 65, 3200-11	0.9	47
85	The pharmacogenetics of metformin. *Diabetologia*, **2017**, 60, 1648-1655	10.3	46
84	Genetic predisposition to long-term nondiabetic deteriorations in glucose homeostasis: Ten-year follow-up of the GLACIER study. *Diabetes*, **2011**, 60, 345-54	0.9	46
83	The association of ENPP1 K121Q with diabetes incidence is abolished by lifestyle modification in the diabetes prevention program. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 449-55	5.6	45
82	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44

81	Genetic Evidence for a Causal Role of Obesity in Diabetic Kidney Disease. *Diabetes*, **2015**, 64, 4238-46	0.9	43
80	Polyunsaturated Fatty Acid Desaturation Is a Mechanism for Glycolytic NAD Recycling. *Cell Metabolism*, **2019**, 29, 856-870.e7	24.6	42
79	An update on the pharmacogenomics of metformin: progress, problems and potential. *Pharmacogenomics*, **2014**, 15, 529-39	2.6	42
78	Association testing of the protein tyrosine phosphatase 1B gene (PTPN1) with type 2 diabetes in 7,883 people. *Diabetes*, **2005**, 54, 1884-91	0.9	42
77	Pharmacogenetics in type 2 diabetes: precision medicine or discovery tool?. *Diabetologia*, **2017**, 60, 800-807	10.3	41
76	Genetic susceptibility to type 2 diabetes and implications for antidiabetic therapy. *Annual Review of Medicine*, **2008**, 59, 95-111	17.4	40
75	Haplotype structure of the ENPP1 Gene and Nominal Association of the K121Q missense single nucleotide polymorphism with glycemic traits in the Framingham Heart Study. *Diabetes*, **2008**, 57, 1971-7	0.9	39
74	TCF7L2 variants associate with CKD progression and renal function in population-based cohorts. *Journal of the American Society of Nephrology: JASN*, **2008**, 19, 1989-99	12.7	37
73	Cardiometabolic risk factors for COVID-19 susceptibility and severity: A Mendelian randomization analysis. *PLoS Medicine*, **2021**, 18, e1003553	11.6	37
72	Effects of genetic variants previously associated with fasting glucose and insulin in the Diabetes Prevention Program. *PLoS ONE*, **2012**, 7, e44424	3.7	35
71	Genetically Driven Hyperglycemia Increases Risk of Coronary Artery Disease Separately From Type 2 Diabetes. *Diabetes Care*, **2017**, 40, 687-693	14.6	34
70	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	10.3	33
69	A Loss-of-Function Splice Acceptor Variant in Is Protective for Type 2 Diabetes. *Diabetes*, **2017**, 66, 2903-2914	2.9	32
68	Precision Medicine in Diabetes: Is It Time?. *Diabetes Care*, **2016**, 39, 1085-8	14.6	31
67	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. *Molecular Psychiatry*, **2019**, 24, 1920-1932	15.1	30
66	Pathways targeted by antidiabetes drugs are enriched for multiple genes associated with type 2 diabetes risk. *Diabetes*, **2015**, 64, 1470-83	0.9	28
65	Genetic Variation Augments Incretin Resistance and Influences Response to a Sulfonylurea and Metformin: The Study to Understand the Genetics of the Acute Response to Metformin and Glipizide in Humans (SUGAR-MGH). *Diabetes Care*, **2018**, 41, 554-561	14.6	27
64	Lifestyle and Metformin Ameliorate Insulin Sensitivity Independently of the Genetic Burden of Established Insulin Resistance Variants in Diabetes Prevention Program Participants. *Diabetes*, **2016**, 65, 520-6	0.9	27

63	Quality of dietary fat and genetic risk of type 2 diabetes: individual participant data meta-analysis. *BMJ, The*, **2019**, 366, l4292	5.9	23
62	Precision medicine in diabetes: an opportunity for clinical translation. *Annals of the New York Academy of Sciences*, **2018**, 1411, 140-152	6.5	22
61	Pharmacogenetics in type 2 diabetes: potential implications for clinical practice. *Genome Medicine*, **2011**, 3, 76	14.4	22
60	Haplotype structures and large-scale association testing of the 5SAMP-activated protein kinase genes PRKAA2, PRKAB1, and PRKAB2 [corrected] with type 2 diabetes. *Diabetes*, **2006**, 55, 849-55	0.9	22
59	No interactions between previously associated 2-hour glucose gene variants and physical activity or BMI on 2-hour glucose levels. *Diabetes*, **2012**, 61, 1291-6	0.9	21
58	Thyroid dysfunction in patients with Down syndrome: Results from a multi-institutional registry study. *American Journal of Medical Genetics, Part A*, **2017**, 173, 1539-1545	2.5	19
57	The Genetic Basis of Type 2 Diabetes in Hispanics and Latin Americans: Challenges and Opportunities. *Frontiers in Public Health*, **2017**, 5, 329	6	18
56	Racial/ethnic differences in association of fasting glucose-associated genomic loci with fasting glucose, HOMA-B, and impaired fasting glucose in the U.S. adult population. *Diabetes Care*, **2010**, 33, 2370-7	14.6	18
55	A genome-wide association study of treated A1C: a genetic needle in an environmental haystack?. *Diabetes*, **2010**, 59, 332-4	0.9	18
54	Fine-mapping of an expanded set of type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps		18
53	Mendelian Randomization Analysis of Hemoglobin A as a Risk Factor for Coronary Artery Disease. *Diabetes Care*, **2019**, 42, 1202-1208	14.6	17
52	Genetic Determinants of Glycemic Traits and the Risk of Gestational Diabetes Mellitus. *Diabetes*, **2018**, 67, 2703-2709	0.9	17
51	The Krüppel-like factor 11 (KLF11) Q62R polymorphism is not associated with type 2 diabetes in 8,676 people. *Diabetes*, **2006**, 55, 3620-4	0.9	15
50	Cardiometabolic Risk Factors for COVID-19 Susceptibility and Severity: A Mendelian Randomization Analysis **2020**,		15
49	Clinical translation of genetic predictors for type 2 diabetes. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2009**, 16, 100-6	4	14
48	Metabolite Profiles of Incident Diabetes and Heterogeneity of Treatment Effect in the Diabetes Prevention Program. *Diabetes*, **2019**, 68, 2337-2349	0.9	13
47	National down syndrome patient database: Insights from the development of a multi-center registry study. *American Journal of Medical Genetics, Part A*, **2015**, 167A, 2520-6	2.5	13
46	The study to understand the genetics of the acute response to metformin and glipizide in humans (SUGAR-MGH): design of a pharmacogenetic resource for type 2 diabetes. *PLoS ONE*, **2015**, 10, e0121553	3.7	13

45	Leveraging Genetics to Advance Type 2 Diabetes Prevention. *PLoS Medicine*, **2016**, 13, e1002102	11.6	13
44	High-density haplotype structure and association testing of the insulin-degrading enzyme (IDE) gene with type 2 diabetes in 4,206 people. *Diabetes*, **2006**, 55, 128-35	0.9	13
43	Mining the Genome for Therapeutic Targets. *Diabetes*, **2017**, 66, 1770-1778	0.9	11
42	The impact of non-additive genetic associations on age-related complex diseases. *Nature Communications*, **2021**, 12, 2436	17.4	10
41	Genetics of Diabetic Kidney Disease. *Seminars in Nephrology*, **2016**, 36, 474-480	4.8	10
40	Interaction Between Type 2 Diabetes Prevention Strategies and Genetic Determinants of Coronary Artery Disease on Cardiometabolic Risk Factors. *Diabetes*, **2020**, 69, 112-120	0.9	9
39	Mexican Carriers of the p.E508K Variant Do Not Experience an Enhanced Response to Sulfonylureas. *Diabetes Care*, **2018**, 41, 1726-1731	14.6	8
38	The First Genome-Wide Association Study for Type 2 Diabetes in Youth: The Progress in Diabetes Genetics in Youth (ProDiGY) Consortium. *Diabetes*, **2021**, 70, 996-1005	0.9	8
37	Does metformin work for everyone? A genome-wide association study for metformin response. *Current Diabetes Reports*, **2011**, 11, 467-9	5.6	7
36	Genome-wide association analyses highlight etiological differences underlying newly defined subtypes of diabetes. *Nature Genetics*, **2021**, 53, 1534-1542	36.3	7
35	The Need for Precision Medicine to be Applied to Diabetes. *Journal of Diabetes Science and Technology*, **2020**, 14, 1122-1128	4.1	7
34	Found in Translation: A Type 1 Diabetes Genetic Risk Score Applied to Clinical Diagnosis. *Diabetes Care*, **2016**, 39, 330-2	14.6	7
33	A Polygenic Lipodystrophy Genetic Risk Score Characterizes Risk Independent of BMI in the Diabetes Prevention Program. *Journal of the Endocrine Society*, **2019**, 3, 1663-1677	0.4	6
32	Genetic susceptibility to type 2 diabetes and implications for therapy. *Journal of Diabetes Science and Technology*, **2009**, 3, 690-6	4.1	6
31	Monogenic Diabetes in Youth With Presumed Type 2 Diabetes: Results From the Progress in Diabetes Genetics in Youth (ProDiGY) Collaboration. *Diabetes Care*, **2021**,	14.6	6
30	Genome-Wide Meta-analysis Identifies Genetic Variants Associated With Glycemic Response to Sulfonylureas. *Diabetes Care*, **2021**, 44, 2673-2682	14.6	5
29	Clustering of Type 2 Diabetes Genetic Loci by Multi-Trait Associations Identifies Disease Mechanisms and Subtypes		5
28	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. *Nature Communications*, **2021**, 12, 3505	17.4	5

27	Genetic Loci and Physiologic Pathways Involved in Gestational Diabetes Mellitus Implicated Through Clustering. *Diabetes*, **2021**, 70, 268-281	0.9	5
26	A Polygenic Score for Type 2 Diabetes Risk Is Associated With Both the Acute and Sustained Response to Sulfonylureas. *Diabetes*, **2021**, 70, 293-300	0.9	5
25	Genetic analysis of dietary intake identifies new loci and functional links with metabolic traits. *Nature Human Behaviour*, **2021**,	12.8	5
24	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. *PLoS ONE*, **2020**, 15, e0230815	3.7	4
23	Gain-of-Function Claims for Type-2-Diabetes-Associated Coding Variants in SLC16A11 Are Not Supported by the Experimental Data. *Cell Reports*, **2019**, 29, 778-780	10.6	4
22	Pharmacogenetic perturbations in humans as a tool to generate mechanistic insight. *Diabetes*, **2013**, 62, 3019-21	0.9	4
21	SAT-123 Burden of Type 2 Diabetes Genetic Risk Alleles Differs Among Physiologic Subtypes of Gestational Diabetes Mellitus. *Journal of the Endocrine Society*, **2019**, 3,	0.4	4
20	Type 2 Diabetes and Genetics, 2010: Translating Knowledge into Understanding. *Current Cardiovascular Risk Reports*, **2010**, 4, 437-445	0.9	3
19	Ordered stratification to reduce heterogeneity in linkage to diabetes-related quantitative traits. *Obesity*, **2008**, 16, 2314-22	8	3
18	Interplay of Dinner Timing and MTNR1B Type 2 Diabetes Risk Variant on Glucose Tolerance and Insulin Secretion: A Randomized Crossover Trial.. *Diabetes Care*, **2022**,	14.6	3
17	The impact of non-additive genetic associations on age-related complex diseases		3
16	Multi-trait genome-wide association meta-analysis of dietary intake identifies new loci and genetic and functional links with metabolic traits		3
15	Aetiological differences between novel subtypes of diabetes derived from genetic associations		2
14	Genetic discovery and translational decision support from exome sequencing of 20,791 type 2 diabetes cases and 24,440 controls from five ancestries		2
13	Genome-wide association study of diabetic kidney disease highlights biology involved in renal basement membrane collagen		2
12	Polygenic scores, diet quality, and type 2 diabetes risk: An observational study among 35,759 adults from 3 US cohorts.. *PLoS Medicine*, **2022**, 19, e1003972	11.6	2
11	Genetics of Drug Response in Diabetes. *Frontiers in Diabetes*, **2014**, 158-172	0.6	1
10	Heterogeneity of Diabetes: Cells, Phenotypes, and Precision Medicine: Proceedings of an International Symposium of the Canadian Institutes of Health Research's Institute of Nutrition, Metabolism and Diabetes and the U.S. National Institutes of Health's National Institute of Diabetes and Digestive and Kidney Diseases. *Diabetes Care*, **2021**,	14.6	1

9	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes		1
8	A roadmap to achieve pharmacological precision medicine in diabetes. *Diabetologia*,	10.3	1
7	Recessive Genome-wide Meta-analysis Illuminates Genetic Architecture of Type 2 Diabetes. *Diabetes*, **2021**,	0.9	0
6	Extending precision medicine tools to populations at high risk of type 2 diabetes.. *PLoS Medicine*, **2022**, 19, e1003989	11.6	0
5	0045 Decreased Oral Glucose Tolerance And Insulin Response During Biological Evening Versus Morning Among Adults Under Free-living Conditions. *Sleep*, **2019**, 42, A18-A19	1.1	
4	The dawn of prospective pharmacogenetic testing in type 2 diabetes. *Current Diabetes Reports*, **2009**, 9, 95-7	5.6	
3	Novel genetic findings applied to the clinic in type 2 diabetes. *Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion*, **2009**, 56 Suppl 4, 21-5		
2	A piece of my mind. Knowledge is power. *JAMA - Journal of the American Medical Association*, **2007**, 298, 1489-90	27.4	
1	Genetics and biobanks converge to resolve a vexing knowledge gap in diabetes. *Lancet Diabetes and Endocrinology,the*, **2018**, 6, 87-89	18.1	