Andrew Hattersley

List of Publications by Year
in descending order

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707	99,813	263	339
papers	citations	141 h-index	285 g-index

748	748	748	63560
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Common Variant in the FTO Gene Is Associated with Body Mass Index and Predisposes to Childhood and Adult Obesity. Science, 2007, 316, 889-894.	6.0	3,884
2	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
3	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	9.4	2,634
4	A reference panel of 64,976 haplotypes for genotype imputation. Nature Genetics, 2016, 48, 1279-1283.	9.4	2,421
5	Replication of Genome-Wide Association Signals in UK Samples Reveals Risk Loci for Type 2 Diabetes. Science, 2007, 316, 1336-1341.	6.0	2,040
6	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
7	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
8	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	13.7	1,789
9	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. Nature Genetics, 2012, 44, 981-990.	9.4	1,748
10	Meta-analysis of genome-wide association data and large-scale replication identifies additional susceptibility loci for type 2 diabetes. Nature Genetics, 2008, 40, 638-645.	9.4	1,683
11	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. Nature Genetics, 2010, 42, 579-589.	9.4	1,631
12	Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. Nature Genetics, 2009, 41, 25-34.	9.4	1,572
13	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.	9.4	1,331
14	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
15	Association scan of 14,500 nonsynonymous SNPs in four diseases identifies autoimmunity variants. Nature Genetics, 2007, 39, 1329-1337.	9.4	1,298
16	Mutations in the hepatocyte nuclear factor-1Î± gene in maturity-onset diabetes of the young (MODY3). Nature, 1996, 384, 455-458.	13.7	1,240
17	Common variants near MC4R are associated with fat mass, weight and risk of obesity. Nature Genetics, 2008, 40, 768-775.	9.4	1,179
18	Activating Mutations in the Gene Encoding the ATP-Sensitive Potassium-Channel Subunit Kir6.2 and Permanent Neonatal Diabetes. New England Journal of Medicine, 2004, 350, 1838-1849.	13.9	1,077

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19	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	9.4	959
20	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	13.7	952
21	Switching from Insulin to Oral Sulfonylureas in Patients with Diabetes Due to Kir6.2 Mutations. New England Journal of Medicine, 2006, 355, 467-477.	13.9	878
22	The fetal insulin hypothesis: an alternative explanation of the association of low bir thweight with diabetes and vascular disease. Lancet, The, 1999, 353, 1789-1792.	6.3	857
23	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. Nature Genetics, 2010, 42, 949-960.	9.4	836
24	Meta-analysis of genome-wide association studies for body fat distribution in 694Â649 individuals of European ancestry. Human Molecular Genetics, 2019, 28, 166-174.	1.4	752
25	Genome-wide association analysis identifies 20 loci that influence adult height. Nature Genetics, 2008, 40, 575-583.	9.4	742
26	Genome-wide association study of CNVs in 16,000 cases of eight common diseases and 3,000 shared controls. Nature, 2010, 464, 713-720.	13.7	737
27	Large-Scale Association Studies of Variants in Genes Encoding the Pancreatic Â-Cell KATP Channel Subunits Kir6.2 (KCNJ11) and SUR1 (ABCC8) Confirm That the KCNJ11 E23K Variant Is Associated With Type 2 Diabetes. Diabetes, 2003, 52, 568-572.	0.3	688
28	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. Diabetes, 2017, 66, 2888-2902.	0.3	615
29	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. Nature Genetics, 2010, 42, 142-148.	9.4	591
30	Mutations in the glucokinase gene of the fetus result in reduced birth weight. Nature Genetics, 1998, 19, 268-270.	9.4	565
31	Maturity-onset diabetes of the young (MODY): how many cases are we missing?. Diabetologia, 2010, 53, 2504-2508.	2.9	560
32	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	13.7	544
33	Genetic cause of hyperglycaemia and response to treatment in diabetes. Lancet, The, 2003, 362, 1275-1281.	6.3	526
34	Insulin gene mutations as a cause of permanent neonatal diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15040-15044.	3.3	494
35	Excess mortality and cardiovascular disease in young adults with type 1 diabetes in relation to age at onset: a nationwide, register-based cohort study. Lancet, The, 2018, 392, 477-486.	6.3	492
36	Bayesian refinement of association signals for 14 loci in 3 common diseases. Nature Genetics, 2012, 44, 1294-1301.	9.4	469

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37	What makes a good genetic association study?. Lancet, The, 2005, 366, 1315-1323.	6.3	464
38	Hypomethylation of multiple imprinted loci in individuals with transient neonatal diabetes is associated with mutations in ZFP57. Nature Genetics, 2008, 40, 949-951.	9.4	460
39	The clinical utility of Câ€peptide measurement in the care of patients with diabetes. Diabetic Medicine, 2013, 30, 803-817.	1.2	455
40	Genome-Wide Association Scan Meta-Analysis Identifies Three Loci Influencing Adiposity and Fat Distribution. PLoS Genetics, 2009, 5, e1000508.	1.5	453
41	Clinical implications of a molecular genetic classification of monogenic Î²-cell diabetes. Nature Clinical Practice Endocrinology and Metabolism, 2008, 4, 200-213.	2.9	439
42	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.	1.5	419
43	Activating germline mutations in STAT3 cause early-onset multi-organ autoimmune disease. Nature Genetics, 2014, 46, 812-814.	9.4	411
44	Genome-wide associations for birth weight and correlations with adult disease. Nature, 2016, 538, 248-252.	13.7	406
45	Mutations in PTF1A cause pancreatic and cerebellar agenesis. Nature Genetics, 2004, 36, 1301-1305.	9.4	405
46	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. Nature Genetics, 2019, 51, 804-814.	9.4	402
47	Activating Mutations in Kir6.2 and Neonatal Diabetes: New Clinical Syndromes, New Scientific Insights, and New Therapy. Diabetes, 2005, 54, 2503-2513.	0.3	399
48	Linkage of type 2 diabetes to the glucokinase gene. Lancet, The, 1992, 339, 1307-1310.	6.3	392
49	Common variants near ATM are associated with glycemic response to metformin in type 2 diabetes. Nature Genetics, 2011, 43, 117-120.	9.4	390
50	Best practice guidelines for the molecular genetic diagnosis of maturity-onset diabetes of the young. Diabetologia, 2008, 51, 546-553.	2.9	376
51	A common variant of HMGA2 is associated with adult and childhood height in the general population. Nature Genetics, 2007, 39, 1245-1250.	9.4	373
52	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425.	9.4	365
53	Mutations in the human Delta homologue, DLL3, cause axial skeletal defects in spondylocostal dysostosis. Nature Genetics, 2000, 24, 438-441.	9.4	362
54	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

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55	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	13.7	353
56	Permanent Neonatal Diabetes due to Mutations in KCNJ11 Encoding Kir6.2: Patient Characteristics and Initial Response to Sulfonylurea Therapy. Diabetes, 2004, 53, 2713-2718.	0.3	350
57	Macrosomia and Hyperinsulinaemic Hypoglycaemia in Patients with Heterozygous Mutations in the HNF4A Gene. PLoS Medicine, 2007, 4, e118.	3.9	349
58	Insulin Mutation Screening in 1,044 Patients With Diabetes. Diabetes, 2008, 57, 1034-1042.	0.3	347
59	Concept, Design and Implementation of a Cardiovascular Gene-Centric 50 K SNP Array for Large-Scale Genomic Association Studies. PLoS ONE, 2008, 3, e3583.	1.1	339
60	Common variants in WFS1 confer risk of type 2 diabetes. Nature Genetics, 2007, 39, 951-953.	9.4	333
61	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
62	Mutations in ATP-Sensitive K+ Channel Genes Cause Transient Neonatal Diabetes and Permanent Diabetes in Childhood or Adulthood. Diabetes, 2007, 56, 1930-1937.	0.3	320
63	Prevalence, Characteristics and Clinical Diagnosis of Maturity Onset Diabetes of the Young Due to Mutations in HNF1A, HNF4A, and Glucokinase: Results From the SEARCH for Diabetes in Youth. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 4055-4062.	1.8	310
64	A Genomewide Scan for Loci Predisposing to Type 2 Diabetes in a U.K. Population (The Diabetes UK) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Locus on Chromosome 1q. American Journal of Human Genetics, 2001, 69, 553-569.	2.6	300
65	C-reactive protein and its role in metabolic syndrome: mendelian randomisation study. Lancet, The, 2005, 366, 1954-1959.	6.3	300
66	Rfx6 directs islet formation and insulin production in mice and humans. Nature, 2010, 463, 775-780.	13.7	300
67	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. Nature Genetics, 2013, 45, 76-82.	9.4	293
68	Mutations in hepatocyte nuclear factor-1Â and their related phenotypes. Journal of Medical Genetics, 2005, 43, 84-90.	1.5	291
69	Frequency and phenotype of type 1 diabetes in the first six decades of life: a cross-sectional, genetically stratified survival analysis from UK Biobank. Lancet Diabetes and Endocrinology,the, 2018, 6, 122-129.	5.5	291
70	Common Variation in the DIO2 Gene Predicts Baseline Psychological Well-Being and Response to Combination Thyroxine Plus Triiodothyronine Therapy in Hypothyroid Patients. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1623-1629.	1.8	287
71	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
72	Variation in TCF7L2 Influences Therapeutic Response to Sulfonylureas. Diabetes, 2007, 56, 2178-2182.	0.3	284

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73	Disease progression and treatment response in data-driven subgroups of type 2 diabetes compared with models based on simple clinical features: an analysis using clinical trial data. Lancet Diabetes and Endocrinology,the, 2019, 7, 442-451.	5.5	280
74	Assessing the Combined Impact of 18 Common Genetic Variants of Modest Effect Sizes on Type 2 Diabetes Risk. Diabetes, 2008, 57, 3129-3135.	0.3	279
75	Common Variation in the FTO Gene Alters Diabetes-Related Metabolic Traits to the Extent Expected Given Its Effect on BMI. Diabetes, 2008, 57, 1419-1426.	0.3	277
76	Regulation ofFto/Ftmgene expression in mice and humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1185-R1196.	0.9	270
77	Mutations in the Hepatocyte Nuclear Factor-1Î² Gene Are Associated with Familial Hypoplastic Glomerulocystic Kidney Disease. American Journal of Human Genetics, 2001, 68, 219-224.	2.6	263
78	Prevalence of Vascular Complications Among Patients With Glucokinase Mutations and Prolonged, Mild Hyperglycemia. JAMA - Journal of the American Medical Association, 2014, 311, 279.	3.8	257
79	Recessive mutations in a distal PTF1A enhancer cause isolated pancreatic agenesis. Nature Genetics, 2014, 46, 61-64.	9.4	255
80	Definition, epidemiology and classification of diabetes in children and adolescents. Pediatric Diabetes, 2009, 10, 3-12.	1.2	252
81	The effect of early, comprehensive genomic testing on clinical care in neonatal diabetes: an international cohort study. Lancet, The, 2015, 386, 957-963.	6.3	250
82	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572.	9.4	250
83	GATA6 haploinsufficiency causes pancreatic agenesis in humans. Nature Genetics, 2012, 44, 20-22.	9.4	249
84	Improved genetic testing for monogenic diabetes using targeted next-generation sequencing. Diabetologia, 2013, 56, 1958-1963.	2.9	248
85	Altered Insulin Secretory Responses to Glucose in Diabetic and Nondiabetic Subjects With Mutations in the Diabetes Susceptibility Gene MODY3 on Chromosome 12. Diabetes, 1996, 45, 1503-1510.	0.3	245
86	Sensitivity to sulphonylureas in patients with hepatocyte nuclear factor-1alpha gene mutations: evidence for pharmacogenetics in diabetes. Diabetic Medicine, 2000, 17, 543-545.	1.2	244
87	The diagnosis and management of monogenic diabetes in children and adolescents. Pediatric Diabetes, 2009, 10, 33-42.	1.2	243
88	Combining Information from Common Type 2 Diabetes Risk Polymorphisms Improves Disease Prediction. PLoS Medicine, 2006, 3, e374.	3.9	242
89	Association Analysis of 6,736 U.K. Subjects Provides Replication and ConfirmsTCF7L2as a Type 2 Diabetes Susceptibility Gene With a Substantial Effect on Individual Risk. Diabetes, 2006, 55, 2640-2644.	0.3	240
90	The majority of patients with long-duration type 1 diabetes are insulin microsecretors and have functioning beta cells. Diabetologia, 2014, 57, 187-191.	2.9	240

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91	Effective Treatment With Oral Sulfonylureas in Patients With Diabetes Due to Sulfonylurea Receptor 1 (SUR1) Mutations. Diabetes Care, 2008, 31, 204-209.	4.3	239
92	The fat massâ€“and obesity-associated locus and dietary intake in children. American Journal of Clinical Nutrition, 2008, 88, 971-978.	2.2	239
93	The development and validation of a clinical prediction model to determine the probability of MODY in patients with young-onset diabetes. Diabetologia, 2012, 55, 1265-1272.	2.9	238
94	Maturity-onset diabetes of the young: clinical heterogeneity explained by genetic heterogeneity. , 1998, 15, 15-24.		237
95	HNF1B-associated renal and extra-renal diseaseâ€”an expanding clinical spectrum. Nature Reviews Nephrology, 2015, 11, 102-112.	4.1	237
96	Precision diabetes: learning from monogenic diabetes. Diabetologia, 2017, 60, 769-777.	2.9	237
97	Beta-cell genes and diabetes: molecular and clinical characterization of mutations in transcription factors. Diabetes, 2001, 50, S94-S100.	0.3	235
98	The genetic abnormality in the beta cell determines the response to an oral glucose load. Diabetologia, 2002, 45, 427-435.	2.9	235
99	A Type 1 Diabetes Genetic Risk Score Can Aid Discrimination Between Type 1 and Type 2 Diabetes in Young Adults. Diabetes Care, 2016, 39, 337-344.	4.3	231
100	Clinical features, diagnosis and management of maternally inherited diabetes and deafness (MIDD) associated with the 3243A>G mitochondrial point mutation. Diabetic Medicine, 2008, 25, 383-399.	1.2	229
101	ISPAD Clinical Practice Consensus Guidelines 2018: The diagnosis and management of monogenic diabetes in children and adolescents. Pediatric Diabetes, 2018, 19, 47-63.	1.2	227
102	Common Variants of the Novel Type 2 Diabetes GenesCDKAL1andHHEX/IDEAre Associated With Decreased Pancreatic Î²-Cell Function. Diabetes, 2007, 56, 3101-3104.	0.3	226
103	Common variants in the TCF7L2 gene are strongly associated with type 2 diabetes mellitus in the Indian population. Diabetologia, 2006, 50, 63-67.	2.9	225
104	Molecular basis of Kir6.2 mutations associated with neonatal diabetes or neonatal diabetes plus neurological features. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17539-17544.	3.3	223
105	Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. Nature Genetics, 2010, 42, 430-435.	9.4	223
106	Mutations in KCNJ11, which encodes Kir6.2, are a common cause of diabetes diagnosed in the first 6Âmonths of life, with the phenotype determined by genotype. Diabetologia, 2006, 49, 1190-1197.	2.9	221
107	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. JAMA - Journal of the American Medical Association, 2016, 315, 1129.	3.8	220
108	Recognition and Management of Individuals With Hyperglycemia Because of a Heterozygous Glucokinase Mutation. Diabetes Care, 2015, 38, 1383-1392.	4.3	217

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109	Missense mutations in the insulin promoter factor-1 gene predispose to type 2 diabetes. Journal of Clinical Investigation, 1999, 104, R33-R39.	3.9	216
110	Integrated Genetic and Epigenetic Analysis Identifies Haplotype-Specific Methylation in the FTO Type 2 Diabetes and Obesity Susceptibility Locus. PLoS ONE, 2010, 5, e14040.	1.1	215
111	A genetic diagnosis of HNF1A diabetes alters treatment and improves glycaemic control in the majority of insulinâ€treated patients. Diabetic Medicine, 2009, 26, 437-441.	1.2	205
112	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
113	Molecular genetics and phenotypic characteristics of MODY caused by hepatocyte nuclear factor 4Î± mutations in a large European collection. Diabetologia, 2005, 48, 878-885.	2.9	203
114	A Genome-Wide Association Search for Type 2 Diabetes Genes in African Americans. PLoS ONE, 2012, 7, e29202.	1.1	197
115	A heterozygous activating mutation in the sulphonylurea receptor SUR1 (ABCC8) causes neonatal diabetes. Human Molecular Genetics, 2006, 15, 1793-1800.	1.4	196
116	Permanent Neonatal Diabetes Caused by Dominant, Recessive, or Compound Heterozygous SUR1 Mutations with Opposite Functional Effects. American Journal of Human Genetics, 2007, 81, 375-382.	2.6	194
117	A Meta-Analysis of Thyroid-Related Traits Reveals Novel Loci and Gender-Specific Differences in the Regulation of Thyroid Function. PLoS Genetics, 2013, 9, e1003266.	1.5	194
118	Stratifying Type 2 Diabetes Cases by BMI Identifies Genetic Risk Variants in LAMA1 and Enrichment for Risk Variants in Lean Compared to Obese Cases. PLoS Genetics, 2012, 8, e1002741.	1.5	190
119	A distant upstream promoter of the HNF-4alpha gene connects the transcription factors involved in maturity-onset diabetes of the young. Human Molecular Genetics, 2001, 10, 2089-2097.	1.4	186
120	Mutations in the Hepatocyte Nuclear Factorâ€“1Î± Gene Are a Common Cause of Maturity-Onset Diabetes of the Young in the U.K.. Diabetes, 1997, 46, 720-725.	0.3	185
121	Recessive mutations in the INS gene result in neonatal diabetes through reduced insulin biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3105-3110.	3.3	185
122	Analysis of parent-offspring trios provides evidence for linkage and association between the insulin gene and type 2 diabetes mediated exclusively through paternally transmitted class III variable number tandem repeat alleles. Diabetes, 2000, 49, 126-130.	0.3	184
123	Relapsing diabetes can result from moderately activating mutations in KCNJ11. Human Molecular Genetics, 2005, 14, 925-934.	1.4	184
124	A high prevalence of glucokinase mutations in gestational diabetic subjects selected by clinical criteria. Diabetologia, 2000, 43, 250-253.	2.9	183
125	Meta-Analysis and a Large Association Study Confirm a Role for Calpain-10 Variation in Type 2 Diabetes Susceptibility. American Journal of Human Genetics, 2003, 73, 1208-1212.	2.6	180
126	Evaluation of Common Variants in the Six Known Maturity-Onset Diabetes of the Young (MODY) Genes for Association With Type 2 Diabetes. Diabetes, 2007, 56, 685-693.	0.3	178

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127	Common Nonsynonymous Substitutions in SLCO1B1 Predispose to Statin Intolerance in Routinely Treated Individuals With Type 2 Diabetes: A Go-DARTS Study. Clinical Pharmacology and Therapeutics, 2011, 89, 210-216.	2.3	177
128	Genetic evidence that raised sex hormone binding globulin (SHBG) levels reduce the risk of type 2 diabetes. Human Molecular Genetics, 2010, 19, 535-544.	1.4	176
129	Islet autoantibodies can discriminate maturityâ€onset diabetes of the young (MODY) from Typeâ€ƒ1 diabetes. Diabetic Medicine, 2011, 28, 1028-1033.	1.2	173
130	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. Nature Communications, 2015, 6, 5897.	5.8	173
131	First UK survey of paediatric type 2 diabetes and MODY. Archives of Disease in Childhood, 2004, 89, 526-529.	1.0	172
132	Systematic Population Screening, Using Biomarkers and Genetic Testing, Identifies 2.5% of the U.K. Pediatric Diabetes Population With Monogenic Diabetes. Diabetes Care, 2016, 39, 1879-1888.	4.3	172
133	Studies of Association between the Gene for Calpain-10 and Type 2 Diabetes Mellitus in the United Kingdom. American Journal of Human Genetics, 2001, 69, 544-552.	2.6	171
134	Kir6.2 Mutations Are a Common Cause of Permanent Neonatal Diabetes in a Large Cohort of French Patients. Diabetes, 2004, 53, 2719-2722.	0.3	171
135	The diagnosis and management of monogenic diabetes in children and adolescents. Pediatric Diabetes, 2014, 15, 47-64.	1.2	170
136	FTO gene variants are strongly associated with type 2 diabetes in South Asian Indians. Diabetologia, 2009, 52, 247-252.	2.9	168
137	Cross-sectional and longitudinal studies suggest pharmacological treatment used in patients with glucokinase mutations does not alter glycaemia. Diabetologia, 2014, 57, 54-56.	2.9	164
138	Renal cysts and diabetes syndrome resulting from mutations in hepatocyte nuclear factor-1Â. Nephrology Dialysis Transplantation, 2004, 19, 2703-2708.	0.4	163
139	Abnormal nephron development associated with a frameshift mutation in the transcription factor hepatocyte nuclear factor-1Î²1. Kidney International, 2000, 57, 898-907.	2.6	162
140	Exploring the Developmental Overnutrition Hypothesis Using Parentalâ€“Offspring Associations and FTO as an Instrumental Variable. PLoS Medicine, 2008, 5, e33.	3.9	162
141	Assessing the Pathogenicity, Penetrance, and Expressivity of Putative Disease-Causing Variants in a Population Setting. American Journal of Human Genetics, 2019, 104, 275-286.	2.6	158
142	Different genes, different diabetes: lessons from maturity-onset diabetes of the young. Annals of Medicine, 2002, 34, 207-216.	1.5	156
143	Genome-wide association study of offspring birth weight in 86â€‰577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. Human Molecular Genetics, 2018, 27, 742-756.	1.4	156
144	Reduced-Function SLC22A1 Polymorphisms Encoding Organic Cation Transporter 1 and Glycemic Response to Metformin: A GoDARTS Study. Diabetes, 2009, 58, 1434-1439.	0.3	153

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145	An in-frame deletion at the polymerase active site of POLD1 causes a multisystem disorder with lipodystrophy. Nature Genetics, 2013, 45, 947-950.	9.4	151
146	Insights Into the Biochemical and Genetic Basis of Glucokinase Activation From Naturally Occurring Hypoglycemia Mutations. Diabetes, 2003, 52, 2433-2440.	0.3	150
147	Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. PLoS Genetics, 2014, 10, e1004123.	1.5	150
148	Type 1 Diabetes Genetic Risk Score: A Novel Tool to Discriminate Monogenic and Type 1 Diabetes. Diabetes, 2016, 65, 2094-2099.	0.3	146
149	Homozygous Mutations in NEUROD1 Are Responsible for a Novel Syndrome of Permanent Neonatal Diabetes and Neurological Abnormalities. Diabetes, 2010, 59, 2326-2331.	0.3	143
150	Atypical familial juvenile hyperuricemic nephropathy associated with a hepatocyte nuclear factor-1Î² gene mutation. Kidney International, 2003, 63, 1645-1651.	2.6	142
151	Hepatocyte nuclear factor-1 beta mutations cause neonatal diabetes and intrauterine growth retardation: support for a critical role of HNF-1? in human pancreatic development. Diabetic Medicine, 2006, 23, 1301-1306.	1.2	142
152	Missense glucokinase mutation in maturityâ€“onset diabetes of the young and mutation screening in lateâ€“onset diabetes. Nature Genetics, 1992, 2, 153-156.	9.4	141
153	Loss-of-Function CYP2C9 Variants Improve Therapeutic Response to Sulfonylureas in Type 2 Diabetes: A Go-DARTS Study. Clinical Pharmacology and Therapeutics, 2010, 87, 52-56.	2.3	141
154	Heterozygous ABCC8 mutations are a cause of MODY. Diabetologia, 2012, 55, 123-127.	2.9	141
155	Type 2 Diabetes and COVID-19â€“Related Mortality in the Critical Care Setting: A National Cohort Study in England, Marchâ€“July 2020. Diabetes Care, 2021, 44, 50-57.	4.3	139
156	ISPAD Clinical Practice Consensus Guidelines 2006?2007 The diagnosis and management of monogenic diabetes in children. Pediatric Diabetes, 2006, 7, 352-360.	1.2	138
157	Permanent Neonatal Diabetes and Enteric Anendocrinosis Associated With Biallelic Mutations in NEUROG3. Diabetes, 2011, 60, 1349-1353.	0.3	138
158	Type 2 Diabetes Risk Alleles Are Associated With Reduced Size at Birth. Diabetes, 2009, 58, 1428-1433.	0.3	135
159	KCNJ11 activating mutations are associated with developmental delay, epilepsy and neonatal diabetes syndrome and other neurological features. European Journal of Human Genetics, 2006, 14, 824-830.	1.4	134
160	Solitary functioning kidney and diverse genital tract malformations associated with hepatocyte nuclear factor-1Î² mutations. Kidney International, 2002, 61, 1243-1251.	2.6	133
161	Persistent Hyperinsulinemic Hypoglycemia and Maturity-Onset Diabetes of the Young Due to Heterozygous HNF4A Mutations. Diabetes, 2008, 57, 1659-1663.	0.3	133
162	A Common Variation in Deiodinase 1 Gene DIO1 Is Associated with the Relative Levels of Free Thyroxine and Triiodothyronine. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3075-3081.	1.8	133

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163	A common genetic variant in the 15q24 nicotinic acetylcholine receptor gene cluster (CHRNA5â€“CHRNA3â€“CHRNB4) is associated with a reduced ability of women to quit smoking in pregnancy. Human Molecular Genetics, 2009, 18, 2922-2927.	1.4	132
164	Markers of Î²-Cell Failure Predict Poor Glycemic Response to GLP-1 Receptor Agonist Therapy in Type 2 Diabetes. Diabetes Care, 2016, 39, 250-257.	4.3	132
165	KCNJ11activating mutations in Italian patients with permanent neonatal diabetes. Human Mutation, 2005, 25, 22-27.	1.1	131
166	Common variants at 12q15 and 12q24 are associated with infant head circumference. Nature Genetics, 2012, 44, 532-538.	9.4	130
167	A Putative Functional Polymorphism in the IGF-I Gene: Association Studies With Type 2 Diabetes, Adult Height, Glucose Tolerance, and Fetal Growth in U.K. Populations. Diabetes, 2002, 51, 2313-2316.	0.3	129
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