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List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85 papers	5,507 citations	35 h-index	74 g-index
102 ext. papers	7,388 ext. citations	11.4 avg, IF	4.98 L-index

#	Paper	IF	Citations
85	Response to Comment on Dawed et al. Genome-Wide Meta-analysis Identifies Genetic Variants Associated With Glycemic Response to Sulfonylureas. <i>Diabetes Care</i> 2021;44:2673-2682.. <i>Diabetes Care</i> , 2022 , 45, e82-e83	14.6	
84	Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traits-The Hispanic/Latino Anthropometry Consortium.. <i>Human Genetics and Genomics Advances</i> , 2022 , 3, 100099	0.8	0
83	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. <i>Nature Genetics</i> , 2022 ,	36.3	7
82	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
81	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. <i>Diabetes Care</i> , 2021 ,	14.6	4
80	Recessive Genome-wide Meta-analysis Illuminates Genetic Architecture of Type 2 Diabetes. <i>Diabetes</i> , 2021 ,	0.9	0
79	Genome-Wide Meta-analysis Identifies Genetic Variants Associated With Glycemic Response to Sulfonylureas. <i>Diabetes Care</i> , 2021 , 44, 2673-2682	14.6	5
78	TIGER: The gene expression regulatory variation landscape of human pancreatic islets. <i>Cell Reports</i> , 2021 , 37, 109807	10.6	5
77	Predicting diabetes risk in diverse populations: what next?. <i>Lancet Diabetes and Endocrinology</i> , 2021 , 9, 808-810	18.1	1
76	Cardiometabolic risk factors for COVID-19 susceptibility and severity: A Mendelian randomization analysis. <i>PLoS Medicine</i> , 2021 , 18, e1003553	11.6	37
75	The impact of non-additive genetic associations on age-related complex diseases. <i>Nature Communications</i> , 2021 , 12, 2436	17.4	10
74	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. <i>Nature Communications</i> , 2021 , 12, 3505	17.4	5
73	Estimating heritability and its enrichment in tissue-specific gene sets in admixed populations. <i>Human Molecular Genetics</i> , 2021 , 30, 1521-1534	5.6	6
72	The First Genome-Wide Association Study for Type 2 Diabetes in Youth: The Progress in Diabetes Genetics in Youth (ProDiGY) Consortium. <i>Diabetes</i> , 2021 , 70, 996-1005	0.9	8
71	Polymorphic Inversions Underlie the Shared Genetic Susceptibility of Obesity-Related Diseases. <i>American Journal of Human Genetics</i> , 2020 , 106, 846-858	11	3
70	Integrating untargeted metabolomics, genetically informed causal inference, and pathway enrichment to define the obesity metabolome. <i>International Journal of Obesity</i> , 2020 , 44, 1596-1606	5.5	4
69	A missense variant in Mitochondrial Amidoxime Reducing Component 1 gene and protection against liver disease. <i>PLoS Genetics</i> , 2020 , 16, e1008629	6	49

68	Analysis of Glucocorticoid-Related Genes Reveal as a New Candidate Gene for Type 2 Diabetes. <i>Journal of the Endocrine Society</i> , 2020 , 4, bvaa121	0.4	2
67	Interaction Between Type 2 Diabetes Prevention Strategies and Genetic Determinants of Coronary Artery Disease on Cardiometabolic Risk Factors. <i>Diabetes</i> , 2020 , 69, 112-120	0.9	9
66	A Polygenic Lipodystrophy Genetic Risk Score Characterizes Risk Independent of BMI in the Diabetes Prevention Program. <i>Journal of the Endocrine Society</i> , 2019 , 3, 1663-1677	0.4	6
65	Using metabolite profiling to construct and validate a metabolite risk score for predicting future weight gain. <i>PLoS ONE</i> , 2019 , 14, e0222445	3.7	3
64	Cytoskeletal transgelin 2 contributes to gender-dependent adipose tissue expandability and immune function. <i>FASEB Journal</i> , 2019 , 33, 9656-9671	0.9	1
63	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019 , 570, 71-76	50.4	129
62	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019 , 51, 804-814	36.3	181
61	Human pancreatic islet three-dimensional chromatin architecture provides insights into the genetics of type 2 diabetes. <i>Nature Genetics</i> , 2019 , 51, 1137-1148	36.3	111
60	PAIRUP-MS: Pathway analysis and imputation to relate unknowns in profiles from mass spectrometry-based metabolite data. <i>PLoS Computational Biology</i> , 2019 , 15, e1006734	5	9
59	Genomic profiling in advanced stage non-small-cell lung cancer patients with platinum-based chemotherapy identifies germline variants with prognostic value in SMYD2. <i>Cancer Treatment and Research Communications</i> , 2018 , 15, 21-31	2	8
58	Re-analysis of public genetic data reveals a rare X-chromosomal variant associated with type 2 diabetes. <i>Nature Communications</i> , 2018 , 9, 321	17.4	50
57	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. <i>Nature Genetics</i> , 2018 , 50, 1072-1080	36.3	52
56	Genome-wide association study meta-analysis identifies five new loci for systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2018 , 20, 100	5.7	47
55	A cancer-associated polymorphism in ESCRT-III disrupts the abscission checkpoint and promotes genome instability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E8900-E8908	11.5	28
54	Type 2 diabetes genetic loci informed by multi-trait associations point to disease mechanisms and subtypes: A soft clustering analysis. <i>PLoS Medicine</i> , 2018 , 15, e1002654	11.6	180
53	Quantifying the Impact of Rare and Ultra-rare Coding Variation across the Phenotypic Spectrum. <i>American Journal of Human Genetics</i> , 2018 , 102, 1204-1211	11	59
52	Decreased lipid metabolism but increased FA biosynthesis are coupled with changes in liver microRNAs in obese subjects with NAFLD. <i>International Journal of Obesity</i> , 2017 , 41, 620-630	5.5	73
51	miRNAs in cerebrospinal fluid identify patients with MS and specifically those with lipid-specific oligoclonal IgM bands. <i>Multiple Sclerosis Journal</i> , 2017 , 23, 1716-1726	5	36

50	Dysregulation of Placental miRNA in Maternal Obesity Is Associated With Pre- and Postnatal Growth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 2584-2594	5.6	45
49	Metformin alters the gut microbiome of individuals with treatment-naïve type 2 diabetes, contributing to the therapeutic effects of the drug. <i>Nature Medicine</i> , 2017 , 23, 850-858	50.5	732
48	A Loss-of-Function Splice Acceptor Variant in Is Protective for Type 2 Diabetes. <i>Diabetes</i> , 2017 , 66, 2903-2914	2.9	32
47	A functional IFN- γ -generating DNA polymorphism could protect older asthmatic women from aeroallergen sensitization and associate with clinical features of asthma. <i>Scientific Reports</i> , 2017 , 7, 10500	4.9	5
46	Type 2 Diabetes Variants Disrupt Function of SLC16A11 through Two Distinct Mechanisms. <i>Cell</i> , 2017 , 170, 199-212.e20	56.2	94
45	The Genetic Basis of Type 2 Diabetes in Hispanics and Latin Americans: Challenges and Opportunities. <i>Frontiers in Public Health</i> , 2017 , 5, 329	6	18
44	A Genome-Wide Association Study Using a Custom Genotyping Array Identifies Variants in Associated With Reduced Energy Expenditure in American Indians. <i>Diabetes</i> , 2017 , 66, 2284-2295	0.9	20
43	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. <i>Nature Communications</i> , 2016 , 7, 10531	17.4	99
42	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016 , 538, 248-252	52.4	266
41	Circulating profiling reveals the effect of a polyunsaturated fatty acid-enriched diet on common microRNAs. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 1095-101	6.3	57
40	Altered Circulating miRNA Expression Profile in Pregestational and Gestational Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1446-56	5.6	68
39	Surgery-Induced Weight Loss Is Associated With the Downregulation of Genes Targeted by MicroRNAs in Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1467-76	5.6	35
38	Inflammation triggers specific microRNA profiles in human adipocytes and macrophages and in their supernatants. <i>Clinical Epigenetics</i> , 2015 , 7, 49	7.7	71
37	A genome-wide association study identifies CDHR3 as a susceptibility locus for early childhood asthma with severe exacerbations. <i>Nature Genetics</i> , 2014 , 46, 51-5	36.3	376
36	New insights into the expression profile and function of micro-ribonucleic acid in human spermatozoa. <i>Fertility and Sterility</i> , 2014 , 102, 213-222.e4	4.8	58
35	Profiling of circulating microRNAs reveals common microRNAs linked to type 2 diabetes that change with insulin sensitization. <i>Diabetes Care</i> , 2014 , 37, 1375-83	14.6	241
34	Adaptation to environmental factors shapes the organization of regulatory regions in microbial communities. <i>BMC Genomics</i> , 2014 , 15, 877	4.5	13
33	Rare variants in PPARG with decreased activity in adipocyte differentiation are associated with increased risk of type 2 diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13127-32	11.5	121

32	Association of a low-frequency variant in HNF1A with type 2 diabetes in a Latino population. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 2305-14	27.4	164
31	Targeting the association of calgranulin B (S100A9) with insulin resistance and type 2 diabetes. <i>Journal of Molecular Medicine</i> , 2013 , 91, 523-34	5.5	11
30	Changes in circulating microRNAs are associated with childhood obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E1655-60	5.6	148
29	Thyroid hormone receptor alpha gene variants increase the risk of developing obesity and show gene-diet interactions. <i>International Journal of Obesity</i> , 2013 , 37, 1499-505	5.5	12
28	Targeting the circulating microRNA signature of obesity. <i>Clinical Chemistry</i> , 2013 , 59, 781-92	5.5	281
27	Unravelling the hidden DNA structural/physical code provides novel insights on promoter location. <i>Nucleic Acids Research</i> , 2013 , 41, 7220-30	20.1	11
26	Common genetic variants of surfactant protein-D (SP-D) are associated with type 2 diabetes. <i>PLoS ONE</i> , 2013 , 8, e60468	3.7	12
25	Aberrant brain microRNA target and miRISC gene expression in the anx/anx anorexia mouse model. <i>Gene</i> , 2012 , 497, 181-90	3.8	11
24	Identification of novel type 2 diabetes candidate genes involved in the crosstalk between the mitochondrial and the insulin signaling systems. <i>PLoS Genetics</i> , 2012 , 8, e1003046	6	17
23	Transferrin receptor-1 gene polymorphisms are associated with type 2 diabetes. <i>European Journal of Clinical Investigation</i> , 2010 , 40, 600-7	4.6	19
22	ZNRD1 (zinc ribbon domain-containing 1) is a host cellular factor that influences HIV-1 replication and disease progression. <i>Clinical Infectious Diseases</i> , 2010 , 50, 1022-32	11.6	42
21	Correlation of BDNF blood levels with interoceptive awareness and maturity fears in anorexia and bulimia nervosa patients. <i>Journal of Neural Transmission</i> , 2010 , 117, 505-12	4.3	21
20	Role of the neurotrophin network in eating disordersSubphenotypes: body mass index and age at onset of the disease. <i>Journal of Psychiatric Research</i> , 2010 , 44, 834-40	5.2	7
19	Suicide attempts in bulimia nervosa: personality and psychopathological correlates. <i>European Psychiatry</i> , 2009 , 24, 91-7	6	46
18	Nucleotide, cytogenetic and expression impact of the human chromosome 8p23.1 inversion polymorphism. <i>PLoS ONE</i> , 2009 , 4, e8269	3.7	15
17	Contribution of the serotonergic system to anxious and depressive traits that may be partially responsible for the phenotypical variability of bulimia nervosa. <i>Journal of Psychiatric Research</i> , 2008 , 42, 50-7	5.2	32
16	Functional connectivity of the hippocampus in elderly with mild memory dysfunction carrying the APOE epsilon4 allele. <i>Neurobiology of Aging</i> , 2008 , 29, 1644-53	5.6	19
15	Analysis of the multi-copy gene family FAM90A as a copy number variant in different ethnic backgrounds. <i>Gene</i> , 2008 , 420, 113-7	3.8	3

14	Association of NTRK3 and its interaction with NGF suggest an altered cross-regulation of the neurotrophin signaling pathway in eating disorders. <i>Human Molecular Genetics</i> , 2008 , 17, 1234-44	5.6	42
13	Hypothalamus transcriptome profile suggests an anorexia-cachexia syndrome in the anx/anx mouse model. <i>Physiological Genomics</i> , 2008 , 35, 341-50	3.6	19
12	Brain-derived neurotrophic factor Val66Met and psychiatric disorders: meta-analysis of case-control studies confirm association to substance-related disorders, eating disorders, and schizophrenia. <i>Biological Psychiatry</i> , 2007 , 61, 911-22	7.9	338
11	MRPS18CP2 alleles and DEFA3 absence as putative chromosome 8p23.1 modifiers of hearing loss due to mtDNA mutation A1555G in the 12S rRNA gene. <i>BMC Medical Genetics</i> , 2007 , 8, 81	2.1	8
10	Altered brain-derived neurotrophic factor blood levels and gene variability are associated with anorexia and bulimia. <i>Genes, Brain and Behavior</i> , 2007 , 6, 706-16	3.6	67
9	SNPassoc: an R package to perform whole genome association studies. <i>Bioinformatics</i> , 2007 , 23, 644-5	7.2	513
8	Blood levels of brain-derived neurotrophic factor correlate with several psychopathological symptoms in anorexia nervosa patients. <i>Neuropsychobiology</i> , 2007 , 56, 185-90	4	25
7	The impact of non-additive genetic associations on age-related complex diseases		3
6	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes		1
5	Trans-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation		10
4	Clustering of Type 2 Diabetes Genetic Loci by Multi-Trait Associations Identifies Disease Mechanisms and Subtypes		5
3	Genetic discovery and translational decision support from exome sequencing of 20,791 type 2 diabetes cases and 24,440 controls from five ancestries		2
2	Human pancreatic islet 3D chromatin architecture provides insights into the genetics of type 2 diabetes		7
1	Discovering cellular programs of intrinsic and extrinsic drivers of metabolic traits using LipocyteProfiler		3