David Meyre

List of Publications by Year
in descending order

212 papers	26,457 citations	15466 65 h-index	6454 157 g-index
223 all docs	223 docs citations	223 times ranked	29812 citing authors

#	Article	IF	Citations
1	A genome-wide association study identifies novel risk loci for type 2 diabetes. Nature, 2007, 445, 881-885.	13.7	2,651
2	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
3	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
4	Variation in FTO contributes to childhood obesity and severe adult obesity. Nature Genetics, 2007, 39, 724-726.	9.4	1,390
5	Benefits and limitations of genome-wide association studies. Nature Reviews Genetics, 2019, 20, 467-484.	7.7	1,226
6	Common variants near MC4R are associated with fat mass, weight and risk of obesity. Nature Genetics, 2008, 40, 768-775.	9.4	1,179
7	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. Nature Genetics, 2010, 42, 142-148.	9.4	591
8	Genome-wide association study for early-onset and morbid adult obesity identifies three new risk loci in European populations. Nature Genetics, 2009, 41, 157-159.	9.4	585
9	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. Nature Genetics, 2013, 45, 501-512.	9.4	578
10	Dysfunction of lipid sensor GPR120 leads to obesity in both mouse and human. Nature, 2012, 483, 350-354.	13.7	572
11	A variant near MTNR1B is associated with increased fasting plasma glucose levels and type 2 diabetes risk. Nature Genetics, 2009, 41, 89-94.	9.4	540
12	A new highly penetrant form of obesity due to deletions on chromosome 16p11.2. Nature, 2010, 463, 671-675.	13.7	476
13	Genetic variant near IRS1 is associated with type 2 diabetes, insulin resistance and hyperinsulinemia. Nature Genetics, 2009, 41, 1110-1115.	9.4	418
14	From big data analysis to personalized medicine for all: challenges and opportunities. BMC Medical Genomics, 2015, 8, 33.	0.7	379
15	A genome-wide association meta-analysis identifies new childhood obesity loci. Nature Genetics, 2012, 44, 526-531.	9.4	352
16	Loss-of-Function Mutation in the Dioxygenase-Encoding FTO Gene Causes Severe Growth Retardation and Multiple Malformations. American Journal of Human Genetics, 2009, 85, 106-111.	2.6	340
17	TCF7L2 is reproducibly associated with type 2 diabetes in various ethnic groups: a global meta-analysis. Journal of Molecular Medicine, 2007, 85, 777-782.	1.7	321
18	Transcription Factor TCF7L2 Genetic Study in the French Population: Expression in Human Â-Cells and Adipose Tissue and Strong Association With Type 2 Diabetes. Diabetes, 2006, 55, 2903-2908.	0.3	300

#	Article	IF	Citations
19	Impact of Type 2 Diabetes Susceptibility Variants on Quantitative Glycemic Traits Reveals Mechanistic Heterogeneity. Diabetes, 2014, 63, 2158-2171.	0.3	297
20	Variants of ENPP1 are associated with childhood and adult obesity and increase the risk of glucose intolerance and type 2 diabetes. Nature Genetics, 2005, 37, 863-867.	9.4	290
21	Two New Loci for Body-Weight Regulation Identified in a Joint Analysis of Genome-Wide Association Studies for Early-Onset Extreme Obesity in French and German Study Groups. PLoS Genetics, 2010, 6, e1000916.	1.5	287
22	Recent progress in genetics, epigenetics and metagenomics unveils the pathophysiology of human obesity. Clinical Science, 2016, 130, 943-986.	1.8	281
23	Common nonsynonymous variants in PCSK1 confer risk of obesity. Nature Genetics, 2008, 40, 943-945.	9.4	275
24	Prevalence of Melanocortin-4 Receptor Deficiency in Europeans and Their Age-Dependent Penetrance in Multigenerational Pedigrees. Diabetes, 2008, 57, 2511-2518.	0.3	229
25	A Polymorphism Within the G6PC2 Gene Is Associated with Fasting Plasma Glucose Levels. Science, 2008, 320, 1085-1088.	6.0	227
26	A POMC variant implicates Î²-melanocyte-stimulating hormone in the control of human energy balance. Cell Metabolism, 2006, 3, 135-140.	7.2	207
27	Genetics of Obesity: What have we Learned?. Current Genomics, 2011, 12, 169-179.	0.7	191
28	Non-synonymous polymorphisms in melanocortin-4 receptor protect against obesity: the two facets of a Janus obesity gene. Human Molecular Genetics, 2007, 16, 1837-1844.	1.4	174
29	Type 2 Diabetes Whole-Genome Association Study in Four Populations: The DiaGen Consortium. American Journal of Human Genetics, 2007, 81, 338-345.	2.6	172
30	Genome-wide association scans identified CTNNBL1 as a novel gene for obesity. Human Molecular Genetics, 2008, 17, 1803-1813.	1.4	168
31	On the origin of obesity: identifying the biological, environmental and cultural drivers of genetic risk among human populations. Obesity Reviews, 2018, 19, 121-149.	3.1	158
32	ACDC/Adiponectin Polymorphisms Are Associated With Severe Childhood and Adult Obesity. Diabetes, 2006, 55, 545-550.	0.3	154
33	A Genome-Wide Scan for Childhood Obesity-Associated Traits in French Families Shows Significant Linkage on Chromosome 6q22.31-q23.2. Diabetes, 2004, 53, 803-811.	0.3	152
34	Impact of Common Type 2 Diabetes Risk Polymorphisms in the DESIR Prospective Study. Diabetes, 2008, 57, 244-254.	0.3	146
35	Combined effects of MC4R and FTO common genetic variants on obesity in European general populations. Journal of Molecular Medicine, 2009, 87, 537-546.	1.7	141
36	A systematic review of genetic syndromes with obesity. Obesity Reviews, 2017, 18, 603-634.	3.1	138

#	Article	IF	Citations
37	The importance of geneâ€“environment interactions in human obesity. Clinical Science, 2016, 130, 1571-1597.	1.8	137
38	Post Genome-Wide Association Studies of Novel Genes Associated with Type 2 Diabetes Show Gene-Gene Interaction and High Predictive Value. PLoS ONE, 2008, 3, e2031.	1.1	132
39	Childhood Obesity Is Associated with Shorter Leukocyte Telomere Length. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 1500-1505.	1.8	127
40	Obesity genetics in mouse and human: back and forth, and back again. PeerJ, 2015, 3, e856.	0.9	122
41	Assessing the Heritability of Complex Traits in Humans: Methodological Challenges and Opportunities. Current Genomics, 2017, 18, 332-340.	0.7	121
42	A systematic review and meta-analysis of nut consumption and incident risk of CVD and all-cause mortality. British Journal of Nutrition, 2016, 115, 212-225.	1.2	119
43	The genetic susceptibility to type 2 diabetes may be modulated by obesity status: implications for association studies. BMC Medical Genetics, 2008, 9, 45.	2.1	117
44	The protective effect of the obesity-associated rs9939609 A variant in fat mass- and obesity-associated gene on depression. Molecular Psychiatry, 2013, 18, 1281-1286.	4.1	115
45	SREBF-1 Gene Polymorphisms Are Associated With Obesity and Type 2 Diabetes in French Obese and Diabetic Cohorts. Diabetes, 2004, 53, 2153-2157.	0.3	108
46	Comment on "A Common Genetic Variant Is Associated with Adult and Childhood Obesity". Science, 2007, 315, 187.2-187.	6.0	107
47	Modelling of OGTT curve identifies 1 h plasma glucose level as a strong predictor of incident type 2 diabetes: results from two prospective cohorts. Diabetologia, 2015, 58, 87-97.	2.9	106
48	Loss-of-function mutations in SIM1 contribute to obesity and Prader-Williâ€“like features. Journal of Clinical Investigation, 2013, 123, 3037-3041.	3.9	105
49	Ethnic and population differences in the genetic predisposition to human obesity. Obesity Reviews, 2018, 19, 62-80.	3.1	104
50	Penetrance of Polygenic Obesity Susceptibility Loci across the Body Mass Index Distribution. American Journal of Human Genetics, 2017, 101, 925-938.	2.6	103
51	Assessing the quality of published genetic association studies in meta-analyses: the quality of genetic studies (Q-Genie) tool. BMC Genetics, 2015, 16, 50.	2.7	100
52	TCF7L2 Variation Predicts Hyperglycemia Incidence in a French General Population: The Data From an Epidemiological Study on the Insulin Resistance Syndrome (DESIR) Study. Diabetes, 2006, 55, 3189-3192.	0.3	98
53	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	1.5	95
54	Heterozygous Mutations Causing Partial Prohormone Convertase 1 Deficiency Contribute to Human Obesity. Diabetes, 2012, 61, 383-390.	0.3	94

#	Article	IF	Citations
55	Estimation of Newborn Risk for Child or Adolescent Obesity: Lessons from Longitudinal Birth Cohorts. PLoS ONE, 2012, 7, e49919.	1.1	94
56	Prevalence of Loss-of-Function FTO Mutations in Lean and Obese Individuals. Diabetes, 2010, 59, 311-318.	0.3	93
57	Implication of the Pro12Ala polymorphism of the PPAR-gamma 2gene in type 2 diabetes and obesity in the French population. BMC Medical Genetics, 2005, 6, 11.	2.1	92
58	Common genetic variation near MC4R is associated with eating behaviour patterns in European populations. International Journal of Obesity, 2009, 33, 373-378.	1.6	92
59	Endocannabinoid receptor 1 gene variations increase risk for obesity and modulate body mass index in European populations. Human Molecular Genetics, 2008, 17, 1916-1921.	1.4	89
60	Bardet-Biedl Syndrome Gene Variants Are Associated With Both Childhood and Adult Common Obesity in French Caucasians. Diabetes, 2006, 55, 2876-2882.	0.3	87
61	Molecular Basis of Obesity: Current Status and Future Prospects. Current Genomics, 2011, 12, 154-168.	0.7	85
62	Effects of TCF7L2 Polymorphisms on Obesity in European Populations. Obesity, 2008, 16, 476-482.	1.5	83
63	Polymorphisms in the Amino Acid Transporter Solute Carrier Family 6 (Neurotransmitter Transporter) Member 14 Gene Contribute to Polygenic Obesity in French Caucasians. Diabetes, 2004, 53, 2483-2486.	0.3	77
64	R125W coding variant in TBC1D1 confers risk for familial obesity and contributes to linkage on chromosome 4p14 in the French population. Human Molecular Genetics, 2008, 17, 1798-1802.	1.4	76
65	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. Human Molecular Genetics, 2019, 28, 3327-3338.	1.4	76
66	Folate and vitamin B12 status is associated with insulin resistance and metabolic syndrome in morbid obesity. Clinical Nutrition, 2018, 37, 1700-1706.	2.3	74
67	Analysis of novel risk loci for type 2 diabetes in a general French population: the D.E.S.I.R. study. Journal of Molecular Medicine, 2008, 86, 341-348.	1.7	71
68	Blood CSF1 and CXCL12 as Causal Mediators of Coronary Artery Disease. Journal of the American College of Cardiology, 2018, 72, 300-310.	1.2	69
69	Genome-wide Linkage Analysis for Severe Obesity in French Caucasians Finds Significant Susceptibility Locus on Chromosome 19q. Diabetes, 2004, 53, 1857-1865.	0.3	68
70	The association of attempted suicide with genetic variants in the SLC6A4 and TPH genes depends on the definition of suicidal behavior: a systematic review and meta-analysis. Translational Psychiatry, 2012, 2, e166-e166.	2.4	68
71	Adiponectin, type 2 diabetes and the metabolic syndrome: lessons from human genetic studies. Expert Reviews in Molecular Medicine, 2006, 8, 1-12.	1.6	64
72	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. Molecular Psychiatry, 2017, 22, 192-201.	4.1	63

#	Article	IF	Citations
73	Meta-Analysis of the INSIG2 Association with Obesity Including 74,345 Individuals: Does Heterogeneity of Estimates Relate to Study Design?. PLoS Genetics, 2009, 5, e1000694.	1.5	62
74	Physical activity and genetic predisposition to obesity in a multiethnic longitudinal study. Scientific Reports, 2016, 6, 18672.	1.6	62
75	Association Studies on Ghrelin and Ghrelin Receptor Gene Polymorphisms With Obesity. Obesity, 2009, 17, 745-754.	1.5	60
76	A Rare Variant in the Visfatin Gene (NAMPT/PBEF1) Is Associated With Protection From Obesity. Obesity, 2009, 17, 1549-1553.	1.5	60
77	The Imprinted Gene Neuronatin Is Regulated by Metabolic Status and Associated With Obesity. Obesity, 2010, 18, 1289-1296.	1.5	60
78	Meta-analysis of Gene-Level Associations for Rare Variants Based on Single-Variant Statistics. American Journal of Human Genetics, 2013, 93, 236-248.	2.6	60
79	Causal Relationship between Adiponectin and Metabolic Traits: A Mendelian Randomization Study in a Multiethnic Population. PLoS ONE, 2013, 8, e66808.	1.1	57
80	Common Variants in FTO, MC4R, TMEM18, PRL, AIF1, and PCSK1 Show Evidence of Association With Adult Obesity in the Greek Population. Obesity, 2012, 20, 389-395.	1.5	56
81	Analysis of the contribution of FTO, NPC1, ENPP1, NEGR1, GNPDA2 and MC4Rgenes to obesity in Mexican children. BMC Medical Genetics, 2013, 14, 21.	2.1	55
82	Challenges in reproducibility of genetic association studies: lessons learned from the obesity field. International Journal of Obesity, 2013, 37, 559-567.	1.6	55
83	A nonsense loss-of-function mutation in PCSK1 contributes to dominantly inherited human obesity. International Journal of Obesity, 2015, 39, 295-302.	1.6	54
84	Contribution of common non-synonymous variants in PCSK1 to body mass index variation and risk of obesity: a systematic review and meta-analysis with evidence from up to 331 175 individuals. Human Molecular Genetics, 2015, 24, 3582-3594.	1.4	53
85	Contribution of 24 obesity-associated genetic variants to insulin resistance, pancreatic beta-cell function and type 2 diabetes risk in the French population. International Journal of Obesity, 2013, 37, 980-985.	1.6	52
86	ENPP1 K121Q polymorphism and obesity, hyperglycaemia and type 2 diabetes in the prospective DESIR Study. Diabetologia, 2007, 50, 2090-2096.	2.9	46
87	Eating Behavior, Low-Frequency Functional Mutations in the Melanocortin-4 Receptor (MC4R) Gene, and Outcomes of Bariatric Operations: A 6-Year Prospective Study. Diabetes Care, 2016, 39, 1384-1392.	4.3	46
88	Common Variation in SIM1 Is Reproducibly Associated With BMI in Pi ma Indians. Diabetes, 2009, 58, 1682-1689.	0.3	45
89	Study of TNFÎ± -308G/A and IL6 -174G/C polymorphisms in type 2 diabetes and obesity risk in the Tunisian population. Clinical Biochemistry, 2010, 43, 549-552.	0.8	43
90	MTNR1B G24E Variant Associates With BMI and Fasting Plasma Glucose in the General Population in Studies of 22,142 Europeans. Diabetes, 2010, 59, 1539-1548.	0.3	43

#	Article	IF	Citations
91	Genomic insights into early-onset obesity. Genome Medicine, 2010, 2, 36.	3.6	42
92	Is Glutamate Decarboxylase 2 (GAD2) a Genetic Link between Low Birth Weight and Subsequent Development of Obesity in Children?. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2384-2390.	1.8	41
93	Drought-adaptive mechanisms involved in the escape/tolerance strategies of Arabidopsis Landsberg erecta and Columbia ecotypes and their F1 reciprocal progeny. Journal of Plant Physiology, 2001, 158, 1145-1152.	1.6	39
94	Novel association approach for variable number tandem repeats (VNTRs) identifies DOCK5 as a susceptibility gene for severe obesity. Human Molecular Genetics, 2012, 21, 3727-3738.	1.4	37
95	Association of gut microbiome with fasting triglycerides, fasting insulin and obesity status in Mexican children. Pediatric Obesity, 2021, 16, e12748.	1.4	37
96	Single nucleotide polymorphisms in the neuropeptide Y2 receptor (NPY2R) gene and association with severe obesity in French white subjects. Diabetologia, 2007, 50, 574-584.	2.9	36
97	Preferential reciprocal transfer of paternal/maternal DLK1 alleles to obese children: first evidence of polar overdominance in humans. European Journal of Human Genetics, 2008, 16, 1126-1134.	1.4	36
98	Evaluation of A2BP1 as an Obesity Gene. Diabetes, 2010, 59, 2837-2845.	0.3	36
99	Obesity Genes and Risk of Major Depressive Disorder in a Multiethnic Population. Journal of Clinical Psychiatry, 2015, 76, e1611-e1618.	1.1	36
100	Association of Melanin-Concentrating Hormone Receptor 1 5' Polymorphism With Early-Onset Extreme Obesity. Diabetes, 2005, 54, 3049-3055.	0.3	34
101	Genetic Variant in HK1 Is Associated With a Proanemic State and A1C but Not Other Glycemic Control-Related Traits. Diabetes, 2009, 58, 2687-2697.	0.3	34
102	Physical Activity and Global Self-worth in a Longitudinal Study of Children. Medicine and Science in Sports and Exercise, 2017, 49, 1606-1613.	0.2	34
103	A Genome-Wide Association Study Identifies rs2000999 as a Strong Genetic Determinant of Circulating Haptoglobin Levels. PLoS ONE, 2012, 7, e32327.	1.1	34
104	Common variants in CACNA1C and MDD susceptibility: A comprehensive metaâ€analysis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 896-903.	1.1	33
105	Rare Genomic Structural Variants in Complex Disease: Lessons from the Replication of Associations with Obesity. PLoS ONE, 2013, 8, e58048.	1.1	33
106	Effect of ENPP1/PC-1-K121Q and PPARÎ³-Pro12Ala polymorphisms on the genetic susceptibility to T2D in the Tunisian population. Diabetes Research and Clinical Practice, 2008, 81, 278-283.	1.1	32
107	Lack of association between type 2 diabetes and major depression: epidemiologic and genetic evidence in a multiethnic population. Translational Psychiatry, 2015, 5, e618-e618.	2.4	32
108	Assessing the effects of 35 Europeanâ€derived BMIâ€associated SNPs in Mexican children. Obesity, 2016, 24, 1989-1995.	1.5	32

#	Article	IF	Citations
109	The Extending Spectrum of NPC1-Related Human Disorders: From Niemannâ€“Pick C1 Disease to Obesity. Endocrine Reviews, 2018, 39, 192-220.	8.9	32
110	A systematic survey of the methods literature on the reporting quality and optimal methods of handling participants with missing outcome data for continuous outcomes in randomized controlled trials. Journal of Clinical Epidemiology, 2017, 88, 67-80.	2.4	32
111	Genetic and Functional Assessment of the Role of the rs13431652-A and rs573225-A Alleles in the G6PC2 Promoter That Are Strongly Associated With Elevated Fasting Glucose Levels. Diabetes, 2010, 59, 2662-2671.	0.3	31
112	Zinc Supplementation and Body Weight: A Systematic Review and Doseâ€“Response Meta-analysis of Randomized Controlled Trials. Advances in Nutrition, 2020, 11, 398-411.	2.9	31
113	The T-381C SNP in BNP gene may be modestly associated with type 2 diabetes: an updated meta-analysis in 49 279 subjects. Human Molecular Genetics, 2009, 18, 2495-2501.	1.4	30
114	Consequences of Paternal Nutrition on Offspring Health and Disease. Nutrients, 2021, 13, 2818.	1.7	30
115	Does genetic heterogeneity account for the divergent risk of type 2 diabetes in South Asian and white European populations?. Diabetologia, 2014, 57, 2270-2281.	2.9	29
116	Empirical evaluation of the Q-Genie tool: a protocol for assessment of effectiveness. BMJ Open, 2016, 6, e010403.	0.8	29
117	Deficits in executive function and suppression of default mode network in obesity. NeuroImage: Clinical, 2019, 24, 102015.	1.4	28
118	An Evolutionary Genetic Perspective of Eating Disorders. Neuroendocrinology, 2018, 106, 292-306.	1.2	27
119	Is FTO a type 2 diabetes susceptibility gene?. Diabetologia, 2012, 55, 873-876.	2.9	24
120	TheINSVNTR Locus Does Not Associate with Smallness for Gestational Age (SGA) but Interacts with SGA to Increase Insulin Resistance in Young Adults. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2437-2440.	1.8	23
121	Association of the ENPP1 K121Q polymorphism with type 2 diabetes and obesity in the Moroccan population. Diabetes and Metabolism, 2009, 35, 37-42.	1.4	23
122	Association between PPAR-Î³2 Pro12Ala genotype and insulin resistance is modified by circulating lipids in Mexican children. Scientific Reports, 2016, 6, 24472.	1.6	23
123	Genetic Study of the Melanin-Concentrating Hormone Receptor 2 in Childhood and Adulthood Severe Obesity. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 4403-4409.	1.8	22
124	Genetic Information and the Prediction of Incident Type 2 Diabetes in a High-Risk Multiethnic Population. Diabetes Care, 2013, 36, 2836-2842.	4.3	22
125	Identification of two novel loss-of-function SIM1 mutations in two overweight children with developmental delay. Obesity, 2014, 22, 2621-2624.	1.5	22
126	Association Analysis Indicates That a Variant GATA-Binding Site in the PIK3CB Promoter Is a Cis-Acting Expression Quantitative Trait Locus for This Gene and Attenuates Insulin Resistance in Obese Children. Diabetes, 2008, 57, 494-502.	0.3	21

#	Article	IF	Citations
127	Helicobacter pylori colonization and obesity â€“ a Mendelian randomization study. Scientific Reports, 2017, 7, 14467.	1.6	21
128	Parental and child genetic contributions to obesity traits in early life based on 83 loci validated in adults: the FAMILY study. Pediatric Obesity, 2018, 13, 133-140.	1.4	21
129	Established and emerging strategies to crack the genetic code of obesity. Obesity Reviews, 2019, 20, 212-240.	3.1	21
130	Evaluating the Association of <i>FAAH</i> Common Gene Variation with Childhood, Adult Severe Obesity and Type 2 Diabetes in the French Population. Obesity Facts, 2008, 1, 305-309.	1.6	20
131	Obesity genetics: insights from the Pakistani population. Obesity Reviews, 2018, 19, 364-380.	3.1	20
132	Serum adiponectin is related to plasma high-density lipoprotein cholesterol but not to plasma insulin-concentration in healthy children: the FLVS II study. Metabolism: Clinical and Experimental, 2006, 55, 1171-1176.	1.5	19
133	Revisiting the evolutionary origins of obesity: lazy versus peppyâ€thrifty genotype hypothesis. Obesity Reviews, 2018, 19, 1525-1543.	3.1	19
134	A Genetic Study of the Ghrelin and Growth Hormone Secretagogue Receptor (GHSR) Genes and Stature. Annals of Human Genetics, 2009, 73, 1-9.	0.3	18
135	Lack of Association of CD36 SNPs With Early Onset Obesity: A Metaâ€Analysis in 9,973 European Subjects. Obesity, 2011, 19, 833-839.	1.5	18
136	APOA5 and APOA1 polymorphisms are associated with triglyceride levels in Mexican children. Pediatric Obesity, 2017, 12, 330-336.	1.4	17
137	Structured diet and exercise guidance in pregnancy to improve health in women and their offspring: study protocol for the Be Healthy in Pregnancy (BHIP) randomized controlled trial. Trials, 2018, 19, 691.	0.7	17
138	Comment On: Valette et al. Melanocortin-4 Receptor Mutations and Polymorphisms Do Not Affect Weight Loss after Bariatric Surgery. PLOS ONE 2012; 7(11):E48221. PLoS ONE, 2014, 9, e93324.	1.1	17
139	Fine-mapping of 98 obesity loci in Mexican children. International Journal of Obesity, 2019, 43, 23-32.	1.6	16
140	TCF7L2 is associated with type 2 diabetes in nonobese individuals from Tunisia. Pathologie Et Biologie, 2010, 58, 426-429.	2.2	15
141	TCF7L2 rs7903146 variant does not associate with smallness for gestational age in the French population. BMC Medical Genetics, 2007, 8, 37.	2.1	14
142	Early Detrimental Metabolic Outcomes of rs17300539â€A Allele of ADIPOQ Gene Despite Higher Adiponectinemia. Obesity, 2010, 18, 1469-1473.	1.5	14
143	The Niemann-Pick C1 gene interacts with a high-fat diet to promote weight gain through differential regulation of central energy metabolism pathways. American Journal of Physiology - Endocrinology and Metabolism, 2017, 313, E183-E194.	1.8	14
144	A genetic link between prepregnancy body mass index, postpartum weight retention, and offspring weight in early childhood. Obesity, 2017, 25, 236-243.	1.5	14

#	Article	IF	Citations
145	Analysis of the SIM1 Contribution to Polygenic Obesity in the French Population. Obesity, 2010, 18, 1670-1675.	1.5	13
146	Lossâ€ofâ€Function Mutations in MC4R Are Very Rare in the Greek Severely Obese Adult Population. Obesity, 2012, 20, 2278-2282.	1.5	13
147	Jumping on the Train of Personalized Medicine: A Primer for Non- Geneticist Clinicians: Part 3. Clinical Applications in the Personalized Medicine Area. Current Psychiatry Reviews, 2014, 10, 118-132.	0.9	13
148	Monogenic Obesity. Contemporary Endocrinology, 2018, , 135-152.	0.3	12
149	Evaluating the transferability of 15 European-derived fasting plasma glucose SNPs in Mexican children and adolescents. Scientific Reports, 2016, 6, 36202.	1.6	11
150	Genetic association of rs1344706 in ZNF804A with bipolar disorder and schizophrenia susceptibility in Chinese populations. Scientific Reports, 2017, 7, 41140.	1.6	11
151	Circulating levels of CTRP3 in patients with type 2 diabetes mellitus compared to controls: A systematic review and meta-analysis. Diabetes Research and Clinical Practice, 2020, 169, 108453.	1.1	11
152	No contribution of angiotensin-converting enzyme (ACE) gene variants to severe obesity: a model for comprehensive case/control and quantitative cladistic analysis of ACE in human diseases. European Journal of Human Genetics, 2007, 15, 320-327.	1.4	10
153	INS VNTR Is Not Associated With Childhood Obesity in 1,023 Families: A Familyâ€based Study. Obesity, 2008, 16, 1471-1475.	1.5	10
154	Jumping on the Train of Personalized Medicine: A Primer for Non-Geneticist Clinicians: Part 2. Fundamental Concepts in Genetic Epidemiology. Current Psychiatry Reviews, 2014, 10, 101-117.	0.9	10
155	Genetic markers of inflammation may not contribute to metabolic traits in Mexican children. PeerJ, 2016, 4, e2090.	0.9	10
156	Adiponectin is associated with cardio-metabolic traits in Mexican children. Scientific Reports, 2019, 9, 3084.	1.6	10
157	Comprehensive identification of pleiotropic loci for body fat distribution using the NHGRIâ€EBI Catalog of published genomeâ€wide association studies. Obesity Reviews, 2019, 20, 385-406.	3.1	10
158	Gainâ€ofâ€function variants in the melanocortin 4 receptor gene confer susceptibility to binge eating disorder in subjects with obesity: a systematic review and metaâ€analysis. Obesity Reviews, 2019, 20, 13-21.	3.1	10
159	Summer Season and Recommended Vitamin D Intake Support Adequate Vitamin D Status throughout Pregnancy in Healthy Canadian Women and Their Newborns. Journal of Nutrition, 2020, 150, 739-746.	1.3	10
160	Secretory granule neuroendocrine protein 1 (SGNE1) genetic variation and glucose intolerance in severe childhood and adult obesity. BMC Medical Genetics, 2007, 8, 44.	2.1	9
161	Jumping on the Train of Personalized Medicine: A Primer for Non- Geneticist Clinicians: Part 1. Fundamental Concepts in Molecular Genetics. Current Psychiatry Reviews, 2014, 10, 91-100.	0.9	9
162	Risk Alleles in/near ADCY5, ADRA2A, CDKAL1, CDKN2A/B, GRB10, and TCF7L2 Elevate Plasma Glucose Levels at Birth and in Early Childhood: Results from the FAMILY Study. PLoS ONE, 2016, 11, e0152107.	1.1	9

#	Article	IF	Citations
163	Interaction between GPR120 p.R270H loss-of-function variant and dietary fat intake on incident type 2 diabetes risk in the D.E.S.I.R. study. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 931-936.	1.1	9
164	Association between impulsivity traits and body mass index at the observational and genetic epidemiology level. Scientific Reports, 2019, 9, 17583.	1.6	9
165	The Melanocortin 4 Receptor p.Ile269Asn Mutation Is Associated with Childhood and Adult Obesity in Mexicans. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e1468-e1477.	1.8	9
166	Association of <scp>AMY1A</scp>/<scp>AMY2A</scp> copy numbers and <scp>AMY1</scp>/<scp>AMY2</scp> serum enzymatic activity with obesity in Mexican children. Pediatric Obesity, 2020, 15, e12641.	1.4	9
167	Give GWAS a Chance. Diabetes, 2017, 66, 2741-2742.	0.3	8
168	Exploring metabolic factors and health behaviors in relation to suicide attempts: A case-control study. Journal of Affective Disorders, 2018, 229, 386-395.	2.0	8
169	Contribution of rare coding mutations in CD36 to type 2 diabetes and cardio-metabolic complications. Scientific Reports, 2019, 9, 17123.	1.6	8
170	Genetic contribution to waist-to-hip ratio in Mexican children and adolescents based on 12 loci validated in European adults. International Journal of Obesity, 2019, 43, 13-22.	1.6	8
171	Medium term post-bariatric surgery deficit of vitamin B12 is predicted by deficit at time of surgery. Clinical Nutrition, 2021, 40, 87-93.	2.3	8
172	The Q121 Variant of ENPP1 May Protect From Childhood Overweight/obesity in the Italian Population. Obesity, 2009, 17, 202-206.	1.5	7
173	Rationale and design of GENEiUS: a prospective observational study on the genetic and environmental determinants of body mass index evolution in Canadian undergraduate students. BMJ Open, 2017, 7, e019365.	0.8	7
174	A Candidate-Gene Approach Identifies Novel Associations Between Common Variants in/Near Syndromic Obesity Genes and BMI in Pediatric and Adult European Populations. Diabetes, 2019, 68, 724-732.	0.3	7
175	Lossâ€ofâ€function mutations in the melanocortinâ€3 receptor gene confer risk for human obesity: A systematic review and metaâ€analysis. Obesity Reviews, 2019, 20, 1085-1092.	3.1	7
176	Genetic syndromes with diabetes: A systematic review. Obesity Reviews, 2021, 22, e13303.	3.1	7
177	Re: "The Association of Common Variants in PCSK1 With Obesity: A HuGE Review and Meta-Analysis". American Journal of Epidemiology, 2015, 181, 732-733.	1.6	6
178	Causal Association of Haptoglobin With Obesity in Mexican Children: A Mendelian Randomization Study. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2501-e2510.	1.8	6
179	Sex/Gender Modifies the Association Between the MC4R p.Ile269Asn Mutation and Type 2 Diabetes in the Mexican Population. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e112-e117.	1.8	6
180	AGT rs4762 is associated with diastolic blood pressure in Mexicans with diabetic nephropathy. Journal of Diabetes and Its Complications, 2021, 35, 107826.	1.2	6

#	Article	IF	Citations
181	Should We Have Blind Faith in Bioinformatics Software? Illustrations from the SNAP Web-Based Tool. PLoS ONE, 2015, 10, e0118925.	1.1	6
182	Effect of living arrangement on anthropometric traits in first-year university students from Canada: The GENEiUS study. PLoS ONE, 2020, 15, e0241744.	1.1	6
183	Longitudinal relationships between glycemic status and body mass index in a multiethnic study: evidence from observational and genetic epidemiology. Scientific Reports, 2016, 6, 30744.	1.6	5
184	Influence of depression on genetic predisposition to type 2 diabetes in a multiethnic longitudinal study. Scientific Reports, 2017, 7, 1629.	1.6	5
185	Decoding Mendelian obesity. Current Opinion in Endocrine and Metabolic Research, 2019, 4, 21-28.	0.6	5
186	Common variants near BDNF and SH2B1 show nominal evidence of association with snacking behavior in European populations. Journal of Molecular Medicine, 2013, 91, 1109-1115.	1.7	4
187	Genetic contribution to lipid levels in early life based on 158 loci validated in adults: the FAMILY study. Scientific Reports, 2017, 7, 68.	1.6	4
188	Identifying factors associated with obesity traits in undergraduate students: a scoping review. International Journal of Public Health, 2020, 65, 1193-1204.	1.0	4
189	Concordance of two multiple analytical approaches demonstrate that interaction between BMI and ADIPOQ haplotypes is a determinant of LDL cholesterol in a general French population. Journal of Human Genetics, 2010, 55, 227-231.	1.1	3
190	Genetic Dissection of Diabetes: Facing the Giant. Diabetes, 2013, 62, 3338-3340.	0.3	3
191	Parental and offspring contribution of genetic markers of adult blood pressure in early life: The FAMILY study. PLoS ONE, 2017, 12, e0186218.	1.1	3
192	Effect of sex/gender on obesity traits in Canadian first year university students: The GENEiUS study. PLoS ONE, 2021, 16, e0247113.	1.1	3
193	The MC4R p.Ile269Asn mutation confers a high risk for type 2 diabetes in the Mexican population via obesity dependent and independent effects. Scientific Reports, 2021, 11, 3097.	1.6	3
194	Obesity status modifies the association between rs7556897T>C in the intergenic region SLC19A3-CCL20 and blood pressure in French children. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1819-1827.	1.4	3
195	DIFFERENTIAL ASSOCIATION OF NIEMANN-PICK C1 GENE POLYMORPHISMS WITH MATERNAL PREPREGNANCY OVERWEIGHT AND GESTATIONAL DIABETES. Journal of Diabetes and Obesity, 2015, 2, 1-6.	0.2	3
196	The effect of vitamin D supplementation on serum levels of fibroblast growth factor- 23: A systematic review and meta-analysis of randomized controlled trials. Journal of Steroid Biochemistry and Molecular Biology, 2022, 215, 106012.	1.2	3
197	The effect of race/ethnicity on obesity traits in first year university students from Canada: The GENEiUS study. PLoS ONE, 2020, 15, e0242714.	1.1	2
198	Effects ofNigella sativasupplementation on blood concentration and mRNA expression of TNF-Î±, PPAR-Î³and adiponectin, as major adipogenesis-related markers, in obese and overweight women: a crossover, randomised-controlled trial. British Journal of Nutrition, 2023, 129, 627-636.	1.2	2

#	Article	IF	Citations
199	Monogenic Obesity. , 2010, , 35-45.		1
200	Signatures of natural selection and ethnic-specific prevalence of NPC1 pathogenic mutations contributing to obesity and Niemannâ€“Pick disease type C1. Scientific Reports, 2020, 10, 18787.	1.6	1
201	Low-frequency Coding Variants Associated With Body Mass Index Affect the Success of Bariatric Surgery. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1074-e1084.	1.8	1
202	Obesity Genes and Risk of Major Depression in a Multiethnic Population. Canadian Journal of Diabetes, 2015, 39, S27.	0.4	0
203	Les obÃ©sitÃ©s monogÃ©niques chez lâ€™enfant. Obesite, 2017, 12, 277-290.	0.1	0
204	Estimation of Newborn Risk for Child or Adolescent Obesity. , 2013, , 53-73.		0
205	Title is missing!. , 2020, 15, e0241744.		0
206	Title is missing!. , 2020, 15, e0241744.		0
207	Title is missing!. , 2020, 15, e0241744.		0
208	Title is missing!. , 2020, 15, e0241744.		0
209	Title is missing!. , 2020, 15, e0242714.		0
210	Title is missing!. , 2020, 15, e0242714.		0
211	Title is missing!. , 2020, 15, e0242714.		0
212	Title is missing!. , 2020, 15, e0242714.		0