David Meyre

List of Publications by Citations

211 papers	21,484 citations	62 h-index	145 g-index
223 ext. papers	24,305 ext. citations	8.1 avg, IF	6.2 L-index

#	Paper	IF	Citations
211	A genome-wide association study identifies novel risk loci for type 2 diabetes. *Nature*, **2007**, 445, 881-5	50.4	2327
210	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267
209	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. *Nature Genetics*, **2010**, 42, 105-16	36.3	1673
208	Variation in FTO contributes to childhood obesity and severe adult obesity. *Nature Genetics*, **2007**, 39, 724-6	36.3	1205
207	Common variants near MC4R are associated with fat mass, weight and risk of obesity. *Nature Genetics*, **2008**, 40, 768-75	36.3	1048
206	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. *Nature Genetics*, **2010**, 42, 142-8	36.3	527
205	Genome-wide association study for early-onset and morbid adult obesity identifies three new risk loci in European populations. *Nature Genetics*, **2009**, 41, 157-9	36.3	521
204	Benefits and limitations of genome-wide association studies. *Nature Reviews Genetics*, **2019**, 20, 467-484	30.1	516
203	Dysfunction of lipid sensor GPR120 leads to obesity in both mouse and human. *Nature*, **2012**, 483, 350-4	50.4	484
202	A variant near MTNR1B is associated with increased fasting plasma glucose levels and type 2 diabetes risk. *Nature Genetics*, **2009**, 41, 89-94	36.3	466
201	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. *Nature Genetics*, **2013**, 45, 501-12	36.3	437
200	A new highly penetrant form of obesity due to deletions on chromosome 16p11.2. *Nature*, **2010**, 463, 671-5	50.4	403
199	Genetic variant near IRS1 is associated with type 2 diabetes, insulin resistance and hyperinsulinemia. *Nature Genetics*, **2009**, 41, 1110-5	36.3	356
198	From big data analysis to personalized medicine for all: challenges and opportunities. *BMC Medical Genomics*, **2015**, 8, 33	3.7	302
197	A genome-wide association meta-analysis identifies new childhood obesity loci. *Nature Genetics*, **2012**, 44, 526-31	36.3	292
196	TCF7L2 is reproducibly associated with type 2 diabetes in various ethnic groups: a global meta-analysis. *Journal of Molecular Medicine*, **2007**, 85, 777-82	5.5	281
195	Loss-of-function mutation in the dioxygenase-encoding FTO gene causes severe growth retardation and multiple malformations. *American Journal of Human Genetics*, **2009**, 85, 106-11	11	275

194	Transcription factor TCF7L2 genetic study in the French population: expression in human beta-cells and adipose tissue and strong association with type 2 diabetes. *Diabetes*, **2006**, 55, 2903-8	0.9	271
193	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, 863-7	36.3	260
192	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	6	250
191	Common nonsynonymous variants in PCSK1 confer risk of obesity. *Nature Genetics*, **2008**, 40, 943-5	36.3	242
190	Impact of type 2 diabetes susceptibility variants on quantitative glycemic traits reveals mechanistic heterogeneity. *Diabetes*, **2014**, 63, 2158-71	0.9	235
189	Recent progress in genetics, epigenetics and metagenomics unveils the pathophysiology of human obesity. *Clinical Science*, **2016**, 130, 943-86	6.5	202
188	A polymorphism within the G6PC2 gene is associated with fasting plasma glucose levels. *Science*, **2008**, 320, 1085-8	33.3	199
187	Prevalence of melanocortin-4 receptor deficiency in Europeans and their age-dependent penetrance in multigenerational pedigrees. *Diabetes*, **2008**, 57, 2511-8	0.9	198
186	A POMC variant implicates beta-melanocyte-stimulating hormone in the control of human energy balance. *Cell Metabolism*, **2006**, 3, 135-40	24.6	179
185	Non-synonymous polymorphisms in melanocortin-4 receptor protect against obesity: the two facets of a Janus obesity gene. *Human Molecular Genetics*, **2007**, 16, 1837-44	5.6	157
184	Genome-wide association scans identified CTNNBL1 as a novel gene for obesity. *Human Molecular Genetics*, **2008**, 17, 1803-13	5.6	152
183	Genetics of Obesity: What have we Learned?. *Current Genomics*, **2011**, 12, 169-79	2.6	147
182	Type 2 diabetes whole-genome association study in four populations: the DiaGen consortium. *American Journal of Human Genetics*, **2007**, 81, 338-45	11	147
181	ACDC/adiponectin polymorphisms are associated with severe childhood and adult obesity. *Diabetes* , **2006**, 55, 545-50	0.9	139
180	Impact of common type 2 diabetes risk polymorphisms in the DESIR prospective study. *Diabetes*, **2008**, 57, 244-54	0.9	137
179	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	3.7	124
178	Combined effects of MC4R and FTO common genetic variants on obesity in European general populations. *Journal of Molecular Medicine*, **2009**, 87, 537-46	5.5	122
177	A genome-wide scan for childhood obesity-associated traits in French families shows significant linkage on chromosome 6q22.31-q23.2. *Diabetes*, **2004**, 53, 803-11	0.9	114

176	Childhood obesity is associated with shorter leukocyte telomere length. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, 1500-5	5.6	104
175	Comment on "A common genetic variant is associated with adult and childhood obesity". *Science*, **2007**, 315, 187; author reply 187	33.3	98
174	On the origin of obesity: identifying the biological, environmental and cultural drivers of genetic risk among human populations. *Obesity Reviews*, **2018**, 19, 121-149	10.6	98
173	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	97
172	The importance of gene-environment interactions in human obesity. *Clinical Science*, **2016**, 130, 1571-97	6.5	96
171	A systematic review of genetic syndromes with obesity. *Obesity Reviews*, **2017**, 18, 603-634	10.6	93
170	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, 3189-92	0.9	93
169	SREBF-1 gene polymorphisms are associated with obesity and type 2 diabetes in French obese and diabetic cohorts. *Diabetes*, **2004**, 53, 2153-7	0.9	91
168	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	10.3	90
167	A systematic review and meta-analysis of nut consumption and incident risk of CVD and all-cause mortality. *British Journal of Nutrition*, **2016**, 115, 212-25	3.6	88
166	Implication of the Pro12Ala polymorphism of the PPAR-gamma 2 gene in type 2 diabetes and obesity in the French population. *BMC Medical Genetics*, **2005**, 6, 11	2.1	84
165	Obesity genetics in mouse and human: back and forth, and back again. *PeerJ*, **2015**, 3, e856	3.1	83
164	Prevalence of loss-of-function FTO mutations in lean and obese individuals. *Diabetes*, **2010**, 59, 311-8	0.9	83
163	Common genetic variation near MC4R is associated with eating behaviour patterns in European populations. *International Journal of Obesity*, **2009**, 33, 373-8	5.5	82
162	Heterozygous mutations causing partial prohormone convertase 1 deficiency contribute to human obesity. *Diabetes*, **2012**, 61, 383-90	0.9	82
161	Endocannabinoid receptor 1 gene variations increase risk for obesity and modulate body mass index in European populations. *Human Molecular Genetics*, **2008**, 17, 1916-21	5.6	76
160	The protective effect of the obesity-associated rs9939609 A variant in fat mass- and obesity-associated gene on depression. *Molecular Psychiatry*, **2013**, 18, 1281-6	15.1	75
159	Loss-of-function mutations in SIM1 contribute to obesity and Prader-Willi-like features. *Journal of Clinical Investigation*, **2013**, 123, 3037-41	15.9	75

158	Estimation of newborn risk for child or adolescent obesity: lessons from longitudinal birth cohorts. *PLoS ONE*, **2012**, 7, e49919	3.7	74
157	Penetrance of Polygenic Obesity Susceptibility Loci across the Body Mass Index Distribution. *American Journal of Human Genetics*, **2017**, 101, 925-938	11	73
156	Molecular basis of obesity: current status and future prospects. *Current Genomics*, **2011**, 12, 154-68	2.6	73
155	Ethnic and population differences in the genetic predisposition to human obesity. *Obesity Reviews*, **2018**, 19, 62-80	10.6	72
154	Effects of TCF7L2 polymorphisms on obesity in European populations. *Obesity*, **2008**, 16, 476-82	8	72
153	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, 1798-802	5.6	70
152	Bardet-Biedl syndrome gene variants are associated with both childhood and adult common obesity in French Caucasians. *Diabetes*, **2006**, 55, 2876-82	0.9	68
151	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, 2483-6	0.9	68
150	Assessing the Heritability of Complex Traits in Humans: Methodological Challenges and Opportunities. *Current Genomics*, **2017**, 18, 332-340	2.6	66
149	Assessing the quality of published genetic association studies in meta-analyses: the quality of genetic studies (Q-Genie) tool. *BMC Genetics*, **2015**, 16, 50	2.6	62
148	Genome-wide linkage analysis for severe obesity in french caucasians finds significant susceptibility locus on chromosome 19q. *Diabetes*, **2004**, 53, 1857-65	0.9	62
147	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, 341-8	5.5	60
146	Adiponectin, type 2 diabetes and the metabolic syndrome: lessons from human genetic studies. *Expert Reviews in Molecular Medicine*, **2006**, 8, 1-12	6.7	58
145	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	6	54
144	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	8.6	54
143	A rare variant in the visfatin gene (NAMPT/PBEF1) is associated with protection from obesity. *Obesity*, **2009**, 17, 1549-53	8	52
142	Physical activity and genetic predisposition to obesity in a multiethnic longitudinal study. *Scientific Reports*, **2016**, 6, 18672	4.9	50
141	Meta-analysis of gene-level associations for rare variants based on single-variant statistics. *American Journal of Human Genetics*, **2013**, 93, 236-48	11	49

140	Association studies on ghrelin and ghrelin receptor gene polymorphisms with obesity. *Obesity*, **2009**, 17, 745-54	8	49
139	Challenges in reproducibility of genetic association studies: lessons learned from the obesity field. *International Journal of Obesity*, **2013**, 37, 559-67	5.5	48
138	Analysis of the contribution of FTO, NPC1, ENPP1, NEGR1, GNPDA2 and MC4R genes to obesity in Mexican children. *BMC Medical Genetics*, **2013**, 14, 21	2.1	47
137	Common variants in FTO, MC4R, TMEM18, PRL, AIF1, and PCSK1 show evidence of association with adult obesity in the Greek population. *Obesity*, **2012**, 20, 389-95	8	47
136	The imprinted gene neuronatin is regulated by metabolic status and associated with obesity. *Obesity*, **2010**, 18, 1289-96	8	46
135	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, 980-5	5.5	45
134	Causal relationship between adiponectin and metabolic traits: a Mendelian randomization study in a multiethnic population. *PLoS ONE*, **2013**, 8, e66808	3.7	44
133	Folate and vitamin B12 status is associated with insulin resistance and metabolic syndrome in morbid obesity. *Clinical Nutrition*, **2018**, 37, 1700-1706	5.9	43
132	A nonsense loss-of-function mutation in PCSK1 contributes to dominantly inherited human obesity. *International Journal of Obesity*, **2015**, 39, 295-302	5.5	42
131	Common variation in SIM1 is reproducibly associated with BMI in Pima Indians. *Diabetes*, **2009**, 58, 1682-9	9.9	40
130	Blood CSF1 and CXCL12 as Causal Mediators of Coronary Artery Disease. *Journal of the American College of Cardiology*, **2018**, 72, 300-310	15.1	39
129	Study of TNFalpha -308G/A and IL6 -174G/C polymorphisms in type 2 diabetes and obesity risk in the Tunisian population. *Clinical Biochemistry*, **2010**, 43, 549-52	3.5	39
128	MTNR1B G24E variant associates With BMI and fasting plasma glucose in the general population in studies of 22,142 Europeans. *Diabetes*, **2010**, 59, 1539-48	0.9	37
127	ENPP1 K121Q polymorphism and obesity, hyperglycaemia and type 2 diabetes in the prospective DESIR Study. *Diabetologia*, **2007**, 50, 2090-6	10.3	37
126	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, 2384-90	5.6	37
125	Evaluation of A2BP1 as an obesity gene. *Diabetes*, **2010**, 59, 2837-45	0.9	35
124	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, 1384-92	14.6	35
123	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, 3582-94	5.6	34

122	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	3.6	32
121	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. *Molecular Psychiatry*, **2017**, 22, 192-201	15.1	31
120	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, 1126-34	5.3	31
119	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. *Human Molecular Genetics*, **2019**, 28, 3327-3338	5.6	30
118	Genetic variant in HK1 is associated with a proanemic state and A1C but not other glycemic control-related traits. *Diabetes*, **2009**, 58, 2687-97	0.9	29
117	Novel association approach for variable number tandem repeats (VNTRs) identifies DOCK5 as a susceptibility gene for severe obesity. *Human Molecular Genetics*, **2012**, 21, 3727-38	5.6	29
116	Obesity genes and risk of major depressive disorder in a multiethnic population: a cross-sectional study. *Journal of Clinical Psychiatry*, **2015**, 76, e1611-8	4.6	28
115	Genomic insights into early-onset obesity. *Genome Medicine*, **2010**, 2, 36	14.4	27
114	Effect of ENPP1/PC-1-K121Q and PPARgamma-Pro12Ala polymorphisms on the genetic susceptibility to T2D in the Tunisian population. *Diabetes Research and Clinical Practice*, **2008**, 81, 278-83	7.4	27
113	Single nucleotide polymorphisms in the neuropeptide Y2 receptor (NPY2R) gene and association with severe obesity in French white subjects. *Diabetologia*, **2007**, 50, 574-84	10.3	27
112	Association of melanin-concentrating hormone receptor 1 5' polymorphism with early-onset extreme obesity. *Diabetes*, **2005**, 54, 3049-55	0.9	27
111	A genome-wide association study identifies rs2000999 as a strong genetic determinant of circulating haptoglobin levels. *PLoS ONE*, **2012**, 7, e32327	3.7	27
110	Rare genomic structural variants in complex disease: lessons from the replication of associations with obesity. *PLoS ONE*, **2013**, 8, e58048	3.7	27
109	Common variants in CACNA1C and MDD susceptibility: A comprehensive meta-analysis. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2016**, 171, 896-903	3.5	27
108	Assessing the effects of 35 European-derived BMI-associated SNPs in Mexican children. *Obesity*, **2016**, 24, 1989-95	8	27
107	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, 2495-501	5.6	26
106	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, 2662-71	0.9	25
105	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. *PLoS Genetics*, **2020**, 16, e1008718	6	25

104	Does genetic heterogeneity account for the divergent risk of type 2 diabetes in South Asian and white European populations?. *Diabetologia*, **2014**, 57, 2270-81	10.3	24
103	Lack of association between type 2 diabetes and major depression: epidemiologic and genetic evidence in a multiethnic population. *Translational Psychiatry*, **2015**, 5, e618	8.6	22
102	Physical Activity and Global Self-worth in a Longitudinal Study of Children. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1606-1613	1.2	21
101	Identification of two novel loss-of-function SIM1 mutations in two overweight children with developmental delay. *Obesity*, **2014**, 22, 2621-4	8	21
100	The INS VNTR 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, 2437-40	5.6	21
99	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	4.6	20
98	Is FTO a type 2 diabetes susceptibility gene?. *Diabetologia*, **2012**, 55, 873-6	10.3	20
97	Genetic information and the prediction of incident type 2 diabetes in a high-risk multiethnic population: the EpiDREAM genetic study. *Diabetes Care*, **2013**, 36, 2836-42	14.6	20
96	Genetic study of the melanin-concentrating hormone receptor 2 in childhood and adulthood severe obesity. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 4403-9	5.6	19
95	The Extending Spectrum of NPC1-Related Human Disorders: From Niemann-Pick C1 Disease to Obesity. *Endocrine Reviews*, **2018**, 39, 192-220	27.2	18
94	Association of the ENPP1 K121Q polymorphism with type 2 diabetes and obesity in the Moroccan population. *Diabetes and Metabolism*, **2009**, 35, 37-42	5.4	18
93	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	0.9	18
92	Lack of association of CD36 SNPs with early onset obesity: a meta-analysis in 9,973 European subjects. *Obesity*, **2011**, 19, 833-9	8	17
91	A genetic study of the ghrelin and growth hormone secretagogue receptor (GHSR) genes and stature. *Annals of Human Genetics*, **2009**, 73, 1-9	2.2	17
90	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	5.7	17
89	Association between PPAR-□ Pro12Ala genotype and insulin resistance is modified by circulating lipids in Mexican children. *Scientific Reports*, **2016**, 6, 24472	4.9	17
88	Established and emerging strategies to crack the genetic code of obesity. *Obesity Reviews*, **2019**, 20, 212-240	10.6	17
87	An Evolutionary Genetic Perspective of Eating Disorders. *Neuroendocrinology*, **2018**, 106, 292-306	5.6	16

86	Empirical evaluation of the Q-Genie tool: a protocol for assessment of effectiveness. *BMJ Open*, **2016**, 6, e010403	3	15
85	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, 1171-6	12.7	14
84	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	3.7	14
83	APOA5 and APOA1 polymorphisms are associated with triglyceride levels in Mexican children. *Pediatric Obesity*, **2017**, 12, 330-336	4.6	13
82	Helicobacter pylori colonization and obesity - a Mendelian randomization study. *Scientific Reports*, **2017**, 7, 14467	4.9	13
81	Obesity genetics: insights from the Pakistani population. *Obesity Reviews*, **2018**, 19, 364-380	10.6	13
80	Early detrimental metabolic outcomes of rs17300539-A allele of ADIPOQ gene despite higher adiponectinemia. *Obesity*, **2010**, 18, 1469-73	8	13
79	Analysis of the SIM1 contribution to polygenic obesity in the French population. *Obesity*, **2010**, 18, 1670-8		13
78	TCF7L2 is associated with type 2 diabetes in nonobese individuals from Tunisia. *Pathologie Et Biologie*, **2010**, 58, 426-9		13
77	TCF7L2 rs7903146 variant does not associate with smallness for gestational age in the French population. *BMC Medical Genetics*, **2007**, 8, 37	2.1	13
76	Revisiting the evolutionary origins of obesity: lazy versus peppy-thrifty genotype hypothesis. *Obesity Reviews*, **2018**, 19, 1525-1543	10.6	13
75	A genetic link between prepregnancy body mass index, postpartum weight retention, and offspring weight in early childhood. *Obesity*, **2017**, 25, 236-243	8	12
74	Loss-of-function mutations in MC4R are very rare in the Greek severely obese adult population. *Obesity*, **2012**, 20, 2278-82	8	12
73	Genetic association of rs1344706 in ZNF804A with bipolar disorder and schizophrenia susceptibility in Chinese populations. *Scientific Reports*, **2017**, 7, 41140	4.9	11
72	Zinc Supplementation and Body Weight: A Systematic Review and Dose-Response Meta-analysis of Randomized Controlled Trials. *Advances in Nutrition*, **2020**, 11, 398-411	10	11
71	Evaluating the association of FAAH common gene variation with childhood, adult severe obesity and type 2 diabetes in the French population. *Obesity Facts*, **2008**, 1, 305-9	5.1	11
70	Deficits in executive function and suppression of default mode network in obesity. *NeuroImage: Clinical*, **2019**, 24, 102015	5.3	11
69	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	10

68	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	2.8	10
67	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	6	9
66	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	9
65	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
64	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, 320-7	5.3	9
63	Fine-mapping of 98 obesity loci in Mexican children. *International Journal of Obesity*, **2019**, 43, 23-32	5.5	9
62	Association of AMY1A/AMY2A copy numbers and AMY1/AMY2 serum enzymatic activity with obesity in Mexican children. *Pediatric Obesity*, **2020**, 15, e12641	4.6	8
61	Monogenic Obesity. *Contemporary Endocrinology*, **2018**, 135-152	0.3	8
60	Evaluating the transferability of 15 European-derived fasting plasma glucose SNPs in Mexican children and adolescents. *Scientific Reports*, **2016**, 6, 36202	4.9	8
59	INS VNTR is not associated with childhood obesity in 1,023 families: a family-based study. *Obesity*, **2008**, 16, 1471-5	8	8
58	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	3.7	8
57	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, 931-6	4.5	8
56	Gain-of-function variants in the melanocortin 4 receptor gene confer susceptibility to binge eating disorder in subjects with obesity: a systematic review and meta-analysis. *Obesity Reviews*, **2019**, 20, 13-21	10.6	8
55	Exploring metabolic factors and health behaviors in relation to suicide attempts: A case-control study. *Journal of Affective Disorders*, **2018**, 229, 386-395	6.6	7
54	Genetic markers of inflammation may not contribute to metabolic traits in Mexican children. *PeerJ*, **2016**, 4, e2090	3.1	7
53	Association of gut microbiome with fasting triglycerides, fasting insulin and obesity status in Mexican children. *Pediatric Obesity*, **2021**, 16, e12748	4.6	7
52	Re: "The Association of Common Variants in PCSK1 With Obesity: A HuGE Review and Meta-Analysis". *American Journal of Epidemiology*, **2015**, 181, 732-3	3.8	6
51	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	3	6

50	Give GWAS a Chance. *Diabetes*, **2017**, 66, 2741-2742	0.9	6
49	The Melanocortin 4 Receptor p.Ile269Asn Mutation Is Associated with Childhood and Adult Obesity in Mexicans. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	6
48	Contribution of rare coding mutations in CD36 to type 2 diabetes and cardio-metabolic complications. *Scientific Reports*, **2019**, 9, 17123	4.9	6
47	Comprehensive identification of pleiotropic loci for body fat distribution using the NHGRI-EBI Catalog of published genome-wide association studies. *Obesity Reviews*, **2019**, 20, 385-406	10.6	6
46	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	5.5	6
45	Consequences of Paternal Nutrition on Offspring Health and Disease. *Nutrients*, **2021**, 13,	6.7	6
44	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	9.9	5
43	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	5
42	The Q121 variant of ENPP1 may protect from childhood overweight/obesity in the Italian population. *Obesity*, **2009**, 17, 202-6	8	5
41	Should we have blind faith in bioinformatics software? Illustrations from the SNAP web-based tool. *PLoS ONE*, **2015**, 10, e0118925	3.7	5
40	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	4.1	5
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