

Peter Kovacs

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.

172
papers

25,244
citations

56
h-index

158
g-index

193
ext. papers

30,696
ext. citations

11
avg, IF

5.51
L-index

#	Paper	IF	Citations
172	Genome-wide meta-analysis of phytosterols reveals five novel loci and a detrimental effect on coronary atherosclerosis.. <i>Nature Communications</i> , 2022 , 13, 143	17.4	3
171	The effect of a high-polyphenol Mediterranean diet (GREEN-MED) combined with physical activity on age-related brain atrophy: the DIRECT PLUS randomized controlled trial.. <i>American Journal of Clinical Nutrition</i> , 2022 ,	7	4
170	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022 , 5,	6.7	1
169	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
168	Interplay between adipose tissue secreted proteins, eating behavior and obesity. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	2
167	Blurring the picture in leaky gut research: how shortcomings of zonulin as a biomarker mislead the field of intestinal permeability. <i>Gut</i> , 2021 , 70, 1801-1802	19.2	14
166	The Effect of FGF21 and Its Genetic Variants on Food and Drug Cravings, Adipokines and Metabolic Traits. <i>Biomedicines</i> , 2021 , 9,	4.8	1
165	Impaired Intestinal Barrier and Tissue Bacteria: Pathomechanisms for Metabolic Diseases. <i>Frontiers in Endocrinology</i> , 2021 , 12, 616506	5.7	16
164	Lifestyle weight-loss intervention may attenuate methylation aging: the CENTRAL MRI randomized controlled trial. <i>Clinical Epigenetics</i> , 2021 , 13, 48	7.7	2
163	Genetics of Body Fat Distribution: Comparative Analyses in Populations with European, Asian and African Ancestries. <i>Genes</i> , 2021 , 12,	4.2	4
162	Effects of lifestyle interventions on epigenetic signatures of liver fat: Central randomized controlled trial. <i>Liver International</i> , 2021 , 41, 2101-2111	7.9	3
161	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
160	Circulating bacterial signature is linked to metabolic disease and shifts with metabolic alleviation after bariatric surgery. <i>Genome Medicine</i> , 2021 , 13, 105	14.4	4
159	Multinucleated Giant Cells in Adipose Tissue Are Specialized in Adipocyte Degradation. <i>Diabetes</i> , 2021 , 70, 538-548	0.9	7
158	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021 , 12, 24	17.4	30
157	A novel compound heterozygous leptin receptor mutation causes more severe obesity than in <i>Lepr</i> mice. <i>Journal of Lipid Research</i> , 2021 , 62, 100105	6.3	1
156	Erhöhte Darmpermeabilität: Pathomechanismus für metabolische Erkrankungen?. <i>Diabetologe</i> , 2021 , 17, 382-390	0.2	

155	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. <i>Nature Human Behaviour</i> , 2021 ,	12.8	5
154	PTEN regulates adipose progenitor cell growth, differentiation, and replicative aging. <i>Journal of Biological Chemistry</i> , 2021 , 297, 100968	5.4	1
153	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. <i>Nature Genetics</i> , 2021 , 53, 1300-1310	36.3	60
152	Refining Attention-Deficit/Hyperactivity Disorder and Autism Spectrum Disorder Genetic Loci by Integrating Summary Data From Genome-wide Association, Gene Expression, and DNA Methylation Studies. <i>Biological Psychiatry</i> , 2020 , 88, 470-479	7.9	6
151	Genetically programmed changes in transcription of the novel progranulin regulator. <i>Journal of Molecular Medicine</i> , 2020 , 98, 1139-1148	5.5	1
150	HLA Class II Allele Analyses Implicate Common Genetic Components in Type 1 and Non-Insulin-Treated Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	4
149	Adipocytokines are not associated with gestational diabetes mellitus but with pregnancy status. <i>Cytokine</i> , 2020 , 131, 155088	4	5
148	Gut Microbiome, Intestinal Permeability, and Tissue Bacteria in Metabolic Disease: Perpetrators or Bystanders?. <i>Nutrients</i> , 2020 , 12,	6.7	72
147	Pro-neurotensin depends on renal function and is related to all-cause mortality in chronic kidney disease. <i>European Journal of Endocrinology</i> , 2020 , 183, 233-244	6.5	7
146	Serum levels of advanced glycation end products and their receptors sRAGE and Galectin-3 in chronic pancreatitis. <i>Pancreatology</i> , 2020 , 20, 187-192	3.8	4
145	The Obesity-Susceptibility Gene TMEM18 Promotes Adipogenesis through Activation of PPARG. <i>Cell Reports</i> , 2020 , 33, 108295	10.6	7
144	Identification of distinct transcriptome signatures of human adipose tissue from fifteen depots. <i>European Journal of Human Genetics</i> , 2020 , 28, 1714-1725	5.3	13
143	Nicotinamide Nucleotide Transhydrogenase (Nnt) is Related to Obesity in Mice. <i>Hormone and Metabolic Research</i> , 2020 , 52, 877-881	3.1	2
142	DNA methylation signature in blood mirrors successful weight-loss during lifestyle interventions: the CENTRAL trial. <i>Genome Medicine</i> , 2020 , 12, 97	14.4	9
141	Genetics of Obesity in East Asians. <i>Frontiers in Genetics</i> , 2020 , 11, 575049	4.5	6
140	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , 2020 , 69, 2806-2818	0.9	10
139	Increased circulating cell-free DNA in insulin resistance. <i>Diabetes and Metabolism</i> , 2020 , 46, 249-252	5.4	2
138	Adipose tissue derived bacteria are associated with inflammation in obesity and type 2 diabetes. <i>Gut</i> , 2020 , 69, 1796-1806	19.2	58

137	Developmentally Driven Changes in Adipogenesis in Different Fat Depots Are Related to Obesity. <i>Frontiers in Endocrinology</i> , 2020 , 11, 138	5.7	4
136	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019 , 10, 4130	17.4	43
135	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019 , 51, 1459-1474	36.3	122
134	Leptin stimulates autophagy/lysosome-related degradation of long-lived proteins in adipocytes. <i>Adipocyte</i> , 2019 , 8, 51-60	3.2	10
133	(Epi)genetic regulation of CRTCL in human eating behaviour and fat distribution. <i>EBioMedicine</i> , 2019 , 44, 476-488	8.8	10
132	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. <i>American Journal of Human Genetics</i> , 2019 , 105, 15-28	11	12
131	Voluntary upregulation of heart rate variability through biofeedback is improved by mental contemplative training. <i>Scientific Reports</i> , 2019 , 9, 7860	4.9	13
130	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972	36.3	217
129	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
128	Effect of broth from meat of linseed-fed cattle on glucose-stimulated insulin release in healthy male volunteers. <i>Animal Science Journal</i> , 2019 , 90, 769-773	1.8	1
127	Circulating Adipokine VASPIN Is Associated with Serum Lipid Profiles in Humans. <i>Lipids</i> , 2019 , 54, 203-210.6		5
126	Setting our AdipoSIGHTS on Stem Cells in Pharmacogenomics. <i>Cell Stem Cell</i> , 2019 , 24, 206-207	18	
125	Metabolic effects of genetic variation in the human REPIN1 gene. <i>International Journal of Obesity</i> , 2019 , 43, 821-831	5.5	3
124	Circulating Oxytocin Is Genetically Determined and Associated With Obesity and Impaired Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 5621-5632	5.6	9
123	Atg7 Knockdown Reduces Chemerin Secretion in Murine Adipocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 5715-5728	5.6	4
122	Das menschliche Gewebe-Mikrobiom im metabolischen Syndrom: der "Leaky Gut"-Hypothese auf der Spur. <i>Adipositas - Ursachen Folgeerkrankungen Therapie</i> , 2019 , 13, 190-196	0.2	
121	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019 , 51, 452-469	36.3	44
120	Letter to the Editor Regarding "Cyst-Peritoneal Shunt for the Treatment of a Progressive Intracerebral Cyst Associated with ASNS Mutation: Case Report and Literature Review". <i>World Neurosurgery</i> , 2019 , 130, 564-566	2.1	

119	Genetics and epigenetics in obesity. <i>Metabolism: Clinical and Experimental</i> , 2019 , 92, 37-50	12.7	117
118	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018 , 50, 559-571	36.3	221
117	Genome-wide meta-analysis identifies novel determinants of circulating serum progranulin. <i>Human Molecular Genetics</i> , 2018 , 27, 546-558	5.6	7
116	Effects of resveratrol on memory performance, hippocampus connectivity and microstructure in older adults - A randomized controlled trial. <i>NeuroImage</i> , 2018 , 174, 177-190	7.9	42
115	Relationship Between 12 Adipocytokines and Distinct Components of the Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 1015-1023	5.6	44
114	Genome-wide association study identifies inversion in the locus to modify risk for alcoholic and non-alcoholic chronic pancreatitis. <i>Gut</i> , 2018 , 67, 1855-1863	19.2	54
113	DNA methylation of SSPN is linked to adipose tissue distribution and glucose metabolism. <i>FASEB Journal</i> , 2018 , 32, fj201800528R	0.9	4
112	Novel Mutations in the Asparagine Synthetase Gene () Associated With Microcephaly. <i>Frontiers in Genetics</i> , 2018 , 9, 245	4.5	8
111	Widely Used Commercial ELISA Does Not Detect Precursor of Haptoglobin2, but Recognizes Properdin as a Potential Second Member of the Zonulin Family. <i>Frontiers in Endocrinology</i> , 2018 , 9, 22	5.7	52
110	Insulin-Sensitizer Effects of Fenugreek Seeds in Parallel with Changes in Plasma MCH Levels in Healthy Volunteers. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	5
109	Common variants in the CLDN2-MORC4 and PRSS1-PRSS2 loci confer susceptibility to acute pancreatitis. <i>Pancreatology</i> , 2018 , 18, 477-481	3.8	8
108	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018 , 50, 26-41	36.3	186
107	Effects of Weight Loss on Glutathione Peroxidase 3 Serum Concentrations and Adipose Tissue Expression in Human Obesity. <i>Obesity Facts</i> , 2018 , 11, 475-490	5.1	24
106	Letter to the Editor regarding MEkl et al. paper: Gut microbiota, dietary intakes and intestinal permeability reflected by serum zonulin in women. <i>European Journal of Nutrition</i> , 2018 , 57, 2999-3000	5.2	1
105	Gene expression profiling in adipose tissue of Sprague Dawley rats identifies olfactory receptor 984 as a potential obesity treatment target. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 505, 801-806	3.4	4
104	Functional and clinical relevance of novel and known variants for childhood obesity and glucose metabolism. <i>Molecular Metabolism</i> , 2017 , 6, 295-305	8.8	15
103	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
102	Copy number variations in "classical" obesity candidate genes are not frequently associated with severe early-onset obesity in children. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017 , 30, 507-515	1.6	15

101	Depletion of Jmjd1c impairs adipogenesis in murine 3T3-L1 cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 1709-1717	6.9	12
100	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017 , 66, 2888-2902	29.0	414
99	Brown adipose tissue (BAT) specific vaspin expression is increased after obesogenic diets and cold exposure and linked to acute changes in DNA-methylation. <i>Molecular Metabolism</i> , 2017 , 6, 482-493	8.8	18
98	IRS1 DNA promoter methylation and expression in human adipose tissue are related to fat distribution and metabolic traits. <i>Scientific Reports</i> , 2017 , 7, 12369	4.9	12
97	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017 , 14, e1002383	11.6	223
96	Effects of psychological eating behaviour domains on the association between socio-economic status and BMI. <i>Public Health Nutrition</i> , 2017 , 20, 2706-2712	3.3	8
95	Genome-wide DNA promoter methylation and transcriptome analysis in human adipose tissue unravels novel candidate genes for obesity. <i>Molecular Metabolism</i> , 2017 , 6, 86-100	8.8	59
94	Bone morphogenetic protein 2 (BMP2) may contribute to partition of energy storage into visceral and subcutaneous fat depots. <i>Obesity</i> , 2016 , 24, 2092-100	8	36
93	Repin1 deficiency improves insulin sensitivity and glucose metabolism in db/db mice by reducing adipose tissue mass and inflammation. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 478, 398-402	3.4	7
92	The Relevance of Genomic Signatures at Adhesion GPCR Loci in Humans. <i>Handbook of Experimental Pharmacology</i> , 2016 , 234, 179-217	3.2	13
91	Hypoxia-inducible factor 3A gene expression and methylation in adipose tissue is related to adipose tissue dysfunction. <i>Scientific Reports</i> , 2016 , 6, 27969	4.9	44
90	Accumulation of severe hypoglycemia at weekends and in warm seasons in patients with type 1 diabetes but not with type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 1308-14	3.2	8
89	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
88	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016 , 7, 10023	17.4	295
87	FTO Obesity Risk Variants Are Linked to Adipocyte IRX3 Expression and BMI of Children - Relevance of FTO Variants to Defend Body Weight in Lean Children?. <i>PLoS ONE</i> , 2016 , 11, e0161739	3.7	24
86	Excess maternal transmission of variants in the THADA gene to offspring with type 2 diabetes. <i>Diabetologia</i> , 2016 , 59, 1702-13	10.3	13
85	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016 , 538, 248-252	25.4	266
84	Fat depot-specific expression of HOXC9 and HOXC10 may contribute to adverse fat distribution and related metabolic traits. <i>Obesity</i> , 2016 , 24, 51-9	8	28

83	Role of genetic variants in ADIPOQ in human eating behavior. <i>Genes and Nutrition</i> , 2015 , 10, 449	4.3	21
82	Age- and gender-specific norms for the German version of the Three-Factor Eating-Questionnaire (TFEQ). <i>Appetite</i> , 2015 , 91, 241-7	4.5	18
81	Genetic variants in AKR1B10 associate with human eating behavior. <i>BMC Genetics</i> , 2015 , 16, 31	2.6	6
80	A novel FoxD3 Variant Is Associated With Vitiligo and Elevated Thyroid Auto-Antibodies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1335-42	5.6	15
79	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015 , 47, 1415-25	36.3	292
78	Polymorphisms at PRSS1-PRSS2 and CLDN2-MORC4 loci associate with alcoholic and non-alcoholic chronic pancreatitis in a European replication study. <i>Gut</i> , 2015 , 64, 1426-33	19.2	82
77	Many obesity-associated SNPs strongly associate with DNA methylation changes at proximal promoters and enhancers. <i>Genome Medicine</i> , 2015 , 7, 103	14.4	79
76	Signatures of natural selection at the FTO (fat mass and obesity associated) locus in human populations. <i>PLoS ONE</i> , 2015 , 10, e0117093	3.7	6
75	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015 , 11, e1005378	6	220
74	Integration of Genome-Wide SNP Data and Gene-Expression Profiles Reveals Six Novel Loci and Regulatory Mechanisms for Amino Acids and Acylcarnitines in Whole Blood. <i>PLoS Genetics</i> , 2015 , 11, e1005510	6	32
73	Eating Behaviour in the General Population: An Analysis of the Factor Structure of the German Version of the Three-Factor-Eating-Questionnaire (TFEQ) and Its Association with the Body Mass Index. <i>PLoS ONE</i> , 2015 , 10, e0133977	3.7	40
72	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
71	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
70	ADCY5 gene expression in adipose tissue is related to obesity in men and mice. <i>PLoS ONE</i> , 2015 , 10, e0130742	12	
69	Genetic Contribution of Variants near SORT1 and APOE on LDL Cholesterol Independent of Obesity in Children. <i>PLoS ONE</i> , 2015 , 10, e0138064	3.7	13
68	Liver-restricted Repin1 deficiency improves whole-body insulin sensitivity, alters lipid metabolism, and causes secondary changes in adipose tissue in mice. <i>Diabetes</i> , 2014 , 63, 3295-309	0.9	19
67	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
66	Adipose tissue depot specific promoter methylation of TMEM18. <i>Journal of Molecular Medicine</i> , 2014 , 92, 881-8	5.5	21

65	The genetics of fat distribution. <i>Diabetologia</i> , 2014 , 57, 1276-86	10.3	83
64	A central role for GRB10 in regulation of islet function in man. <i>PLoS Genetics</i> , 2014 , 10, e1004235	6	124
63	Genome wide meta-analysis highlights the role of genetic variation in RARRES2 in the regulation of circulating serum chemerin. <i>PLoS Genetics</i> , 2014 , 10, e1004854	6	24
62	Global DNA methylation levels in human adipose tissue are related to fat distribution and glucose homeostasis. <i>Diabetologia</i> , 2014 , 57, 2374-83	10.3	36
61	Analysis of a rare functional truncating mutation rs61757459 in vaspin (SERPINA12) on circulating vaspin levels. <i>Journal of Molecular Medicine</i> , 2013 , 91, 1285-92	5.5	6
60	Vaspin inhibits kallikrein 7 by serpin mechanism. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 2569-83	10.3	95
59	Common variants in Mendelian kidney disease genes and their association with renal function. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 2105-17	12.7	27
58	Insulin administration acutely decreases vaspin serum concentrations in humans. <i>Obesity Facts</i> , 2013 , 6, 86-8	5.1	10
57	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. <i>PLoS Genetics</i> , 2013 , 9, e1003500	6	277
56	THOC5: a novel gene involved in HDL-cholesterol metabolism. <i>Journal of Lipid Research</i> , 2013 , 54, 3170-6	6.3	12
55	Fibroblast growth factor-21 serum concentrations are associated with metabolic and hepatic markers in humans. <i>Journal of Endocrinology</i> , 2013 , 216, 135-43	4.7	48
54	The role of rs2237781 within GRM8 in eating behavior. <i>Brain and Behavior</i> , 2013 , 3, 495-502	3.4	10
53	Nicotinamide nucleotide transhydrogenase mRNA expression is related to human obesity. <i>Obesity</i> , 2013 , 21, 529-34	8	14
52	TAS2R38 and its influence on smoking behavior and glucose homeostasis in the German Sorbs. <i>PLoS ONE</i> , 2013 , 8, e80512	3.7	38
51	Role of vaspin in human eating behaviour. <i>PLoS ONE</i> , 2013 , 8, e54140	3.7	10
50	Common genetic variation near MC4R has a sex-specific impact on human brain structure and eating behavior. <i>PLoS ONE</i> , 2013 , 8, e74362	3.7	30
49	C57BL/6JRj mice are protected against diet induced obesity (DIO). <i>Biochemical and Biophysical Research Communications</i> , 2012 , 417, 717-20	3.4	13
48	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycaemic traits and insulin resistance. <i>Nature Genetics</i> , 2012 , 44, 659-69	36.3	615

47	Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , 2012 , 8, e1002584	6	143
46	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , 2012 , 21, 5329-43	5.6	54
45	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012 , 44, 991-1005	36.3	621
44	New gene functions in megakaryopoiesis and platelet formation. <i>Nature</i> , 2011 , 480, 201-8	50.4	330
43	Genetic variation in the Sorbs of eastern Germany in the context of broader European genetic diversity. <i>European Journal of Human Genetics</i> , 2011 , 19, 995-1001	5.3	50
42	Population-genetic comparison of the Sorbian isolate population in Germany with the German KORA population using genome-wide SNP arrays. <i>BMC Genetics</i> , 2011 , 12, 67	2.6	22
41	Sequence variants at CYP1A1-CYP1A2 and AHR associate with coffee consumption. <i>Human Molecular Genetics</i> , 2011 , 20, 2071-7	5.6	95
40	Genetic and evolutionary analyses of the human bone morphogenetic protein receptor 2 (BMP2) in the pathophysiology of obesity. <i>PLoS ONE</i> , 2011 , 6, e16155	3.7	33
39	Effects of genetic variants in ADCY5, GIPR, GCKR and VPS13C on early impairment of glucose and insulin metabolism in children. <i>PLoS ONE</i> , 2011 , 6, e22101	3.7	17
38	Effect of genetic variation in the human fatty acid synthase gene (FASN) on obesity and fat depot-specific mRNA expression. <i>Obesity</i> , 2010 , 18, 1218-25	8	17
37	Association of FTO variants with BMI and fat mass in the self-contained population of Sorbs in Germany. <i>European Journal of Human Genetics</i> , 2010 , 18, 104-10	5.3	71
36	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010 , 467, 832-8	50.4	1514
35	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. <i>Nature Genetics</i> , 2010 , 42, 142-8	36.3	527
34	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010 , 42, 376-84	36.3	599
33	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010 , 42, 949-60	36.3	724
32	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010 , 42, 937-48	36.3	2267
31	Detailed physiologic characterization reveals diverse mechanisms for novel genetic Loci regulating glucose and insulin metabolism in humans. <i>Diabetes</i> , 2010 , 59, 1266-75	0.9	211
30	Common variants at 10 genomic loci influence hemoglobin A1C levels via glycemic and nonglycemic pathways. <i>Diabetes</i> , 2010 , 59, 3229-39	0.9	314

29	Insulin-sensitive obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 299, E506615		542
28	Repin1 maybe involved in the regulation of cell size and glucose transport in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 400, 246-51	3.4	20
27	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010 , 42, 105-16	36.3	1673
26	MicroRNA expression in human omental and subcutaneous adipose tissue. <i>PLoS ONE</i> , 2009 , 4, e4699	3.7	243
25	Adipose tissue expression and genetic variants of the bone morphogenetic protein receptor 1A gene (BMPR1A) are associated with human obesity. <i>Diabetes</i> , 2009 , 58, 2119-28	0.9	65
24	Genetic variation in GPR133 is associated with height: genome wide association study in the self-contained population of Sorbs. <i>Human Molecular Genetics</i> , 2009 , 18, 4662-8	5.6	57
23	Genome-wide association study for early-onset and morbid adult obesity identifies three new risk loci in European populations. <i>Nature Genetics</i> , 2009 , 41, 157-9	36.3	521
22	Vaspin serum concentrations in patients with carotid stenosis. <i>Atherosclerosis</i> , 2009 , 204, 262-6	3.1	81
21	Common nonsynonymous variants in PCSK1 confer risk of obesity. <i>Nature Genetics</i> , 2008 , 40, 943-5	36.3	242
20	TCF7L2 gene expression in human visceral and subcutaneous adipose tissue is differentially regulated but not associated with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2008 , 57, 1227-31	12.7	14
19	Variation of the gene encoding the nuclear bile salt receptor FXR and gallstone susceptibility in mice and humans. <i>Journal of Hepatology</i> , 2008 , 48, 116-24	13.4	68
18	R1467H variant in the rho guanine nucleotide exchange factor 11 (ARHGEF11) is associated with impaired glucose tolerance and type 2 diabetes in German Caucasians. <i>Journal of Human Genetics</i> , 2008 , 53, 365-367	4.3	16
17	Variation in FTO contributes to childhood obesity and severe adult obesity. <i>Nature Genetics</i> , 2007 , 39, 724-6	36.3	1205
16	TCF7L2 gene polymorphisms confer an increased risk for early impairment of glucose metabolism and increased height in obese children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1956-60	5.6	29
15	Effects of genetic variation in the human retinol binding protein-4 gene (RBP4) on insulin resistance and fat depot-specific mRNA expression. <i>Diabetes</i> , 2007 , 56, 3095-100	0.9	81
14	Serum retinol-binding protein is more highly expressed in visceral than in subcutaneous adipose tissue and is a marker of intra-abdominal fat mass. <i>Cell Metabolism</i> , 2007 , 6, 79-87	24.6	318
13	Genetic variation in the visfatin gene (PBEF1) and its relation to glucose metabolism and fat-depot-specific messenger ribonucleic acid expression in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 2725-31	5.6	60
12	Vaspin gene expression in human adipose tissue: association with obesity and type 2 diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 339, 430-6	3.4	257

11	Fatty acids and insulin resistance in muscle and liver. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2005 , 19, 625-35	6.5	97
10	The Glu23Lys polymorphism in KCNJ11 and impaired hypoglycaemia awareness in patients with type 1 diabetes. <i>Journal of Human Genetics</i> , 2005 , 50, 530-533	4.3	2
9	Plasma visfatin concentrations and fat depot-specific mRNA expression in humans. <i>Diabetes</i> , 2005 , 54, 2911-6	0.9	540
8	A novel missense substitution (Val1483Ile) in the fatty acid synthase gene (FAS) is associated with percentage of body fat and substrate oxidation rates in nondiabetic Pima Indians. <i>Diabetes</i> , 2004 , 53, 1915-9	0.9	45
7	The role of insulin receptor substrate-1 gene (IRS1) in type 2 diabetes in Pima Indians. <i>Diabetes</i> , 2003 , 52, 3005-9	0.9	52
6	Genetic variation in the human winged helix/forkhead transcription factor gene FOXC2 in Pima Indians. <i>Diabetes</i> , 2003 , 52, 1292-5	0.9	27
5	Polymorphisms in the oxygen-regulated protein 150 gene (ORP150) are associated with insulin resistance in Pima Indians. <i>Diabetes</i> , 2002 , 51, 1618-21	0.9	16
4	Non-specific caspase inhibition reduces infarct size and improves post-ischaemic recovery in isolated ischaemic/reperfused rat hearts. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001 , 364, 501-7	3.4	44
3	Quantitative trait loci on chromosomes 1 and 4 affect lipid phenotypes in the rat. <i>Archives of Biochemistry and Biophysics</i> , 1998 , 354, 139-43	4.1	27
2	Protein-Coding Variants Implicate Novel Genes Related to Lipid Homeostasis Contributing to Body Fat Distribution		1
1	Tissue-Specific Alteration of Metabolic Pathways Influences Glycemic Regulation		4