

# Peter Kovacs

## List of Publications by Year in descending order

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179  
papers

34,567  
citations

17429

63  
h-index

4223

174  
g-index

193  
all docs

193  
docs citations

193  
times ranked

38387  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiomics reveal unique signatures of human epiploic adipose tissue related to systemic insulin resistance. <i>Gut</i> , 2022, 71, 2179-2193.	6.1	12
2	Interplay between adipose tissue secreted proteins, eating behavior and obesity. <i>European Journal of Nutrition</i> , 2022, 61, 885-899.	1.8	8
3	The effect of a high-polyphenol Mediterranean diet (Green-MED) combined with physical activity on age-related brain atrophy: the Dietary Intervention Randomized Controlled Trial Polyphenols Unprocessed Study (DIRECT PLUS). <i>American Journal of Clinical Nutrition</i> , 2022, 115, 1270-1281.	2.2	27
4	Circulating Levels of microRNA-122 and Hepatic Fat Change in Response to Weight-Loss Interventions: CENTRAL Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1899-e1906.	1.8	5
5	Genome-wide meta-analysis of phytosterols reveals five novel loci and a detrimental effect on coronary atherosclerosis. <i>Nature Communications</i> , 2022, 13, 143.	5.8	17
6	Adipsin Serum Concentrations and Adipose Tissue Expression in People with Obesity and Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2222.	1.8	14
7	Changes in circulating microRNAs-99/100 and reductions of visceral and ectopic fat depots in response to lifestyle interventions: the CENTRAL trial. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 165-172.	2.2	6
8	New Paradigms for Familiar Diseases: Lessons Learned on Circulatory Bacterial Signatures in Cardiometabolic Diseases. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2022, , .	0.6	1
9	Changes in Circulating miR-375-3p and Improvements in Visceral and Hepatic Fat Contents in Response to Lifestyle Interventions: The CENTRAL Trial. <i>Diabetes Care</i> , 2022, 45, 1911-1913.	4.3	3
10	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022, 5, .	2.0	17
11	DNA methylation patterns reflect individual's lifestyle independent of obesity. <i>Clinical and Translational Medicine</i> , 2022, 12, .	1.7	13
12	Apoptotic brown adipocytes enhance energy expenditure via extracellular inosine. <i>Nature</i> , 2022, 609, 361-368.	13.7	53
13	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.	6.1	36
14	Multinucleated Giant Cells in Adipose Tissue Are Specialized in Adipocyte Degradation. <i>Diabetes</i> , 2021, 70, 538-548.	0.3	18
15	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	5.8	87
16	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.	2.0	5
17	The Effect of FGF21 and Its Genetic Variants on Food and Drug Cravings, Adipokines and Metabolic Traits. <i>Biomedicines</i> , 2021, 9, 345.	1.4	9
18	Impaired Intestinal Barrier and Tissue Bacteria: Pathomechanisms for Metabolic Diseases. <i>Frontiers in Endocrinology</i> , 2021, 12, 616506.	1.5	56

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19	Lifestyle weight-loss intervention may attenuate methylation aging: the CENTRAL MRI randomized controlled trial. <i>Clinical Epigenetics</i> , 2021, 13, 48.	1.8	22
20	Genetics of Body Fat Distribution: Comparative Analyses in Populations with European, Asian and African Ancestries. <i>Genes</i> , 2021, 12, 841.	1.0	21
21	Effects of lifestyle interventions on epigenetic signatures of liver fat: Central randomized controlled trial. <i>Liver International</i> , 2021, 41, 2101-2111.	1.9	15
22	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	9.4	341
23	Circulating bacterial signature is linked to metabolic disease and shifts with metabolic alleviation after bariatric surgery. <i>Genome Medicine</i> , 2021, 13, 105.	3.6	14
24	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. <i>Nature Human Behaviour</i> , 2021, 5, 1717-1730.	6.2	62
25	PTEN regulates adipose progenitor cell growth, differentiation, and replicative aging. <i>Journal of Biological Chemistry</i> , 2021, 297, 100968.	1.6	8
26	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.	9.4	590
27	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	13.7	353
28	Increased circulating cell-free DNA in insulin resistance. <i>Diabetes and Metabolism</i> , 2020, 46, 249-252.	1.4	5
29	Serum levels of advanced glycation end products and their receptors sRAGE and Galectin-3 in chronic pancreatitis. <i>Pancreatology</i> , 2020, 20, 187-192.	0.5	7
30	The Obesity-Susceptibility Gene TMEM18 Promotes Adipogenesis through Activation of PPAR $\gamma$ . <i>Cell Reports</i> , 2020, 33, 108295.	2.9	28
31	Identification of distinct transcriptome signatures of human adipose tissue from fifteen depots. <i>European Journal of Human Genetics</i> , 2020, 28, 1714-1725.	1.4	32
32	Nicotinamide Nucleotide Transhydrogenase (Nnt) is Related to Obesity in Mice. <i>Hormone and Metabolic Research</i> , 2020, 52, 877-881.	0.7	4
33	DNA methylation signature in blood mirrors successful weight-loss during lifestyle interventions: the CENTRAL trial. <i>Genome Medicine</i> , 2020, 12, 97.	3.6	28
34	Genetics of Obesity in East Asians. <i>Frontiers in Genetics</i> , 2020, 11, 575049.	1.1	19
35	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , 2020, 69, 2806-2818.	0.3	26
36	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.	0.7	14

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37	The Fabp4-Cre-Model is Insufficient to Study Hoxc9 Function in Adipose Tissue. <i>Biomedicines</i> , 2020, 8, 184.	1.4	0
38	Genetically programmed changes in transcription of the novel progranulin regulator. <i>Journal of Molecular Medicine</i> , 2020, 98, 1139-1148.	1.7	4
39	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, e245-e254.	1.8	15
40	Adipocytokines are not associated with gestational diabetes mellitus but with pregnancy status. <i>Cytokine</i> , 2020, 131, 155088.	1.4	7
41	Gut Microbiome, Intestinal Permeability, and Tissue Bacteria in Metabolic Disease: Perpetrators or Bystanders?. <i>Nutrients</i> , 2020, 12, 1082.	1.7	154
42	Adipose tissue derived bacteria are associated with inflammation in obesity and type 2 diabetes. <i>Gut</i> , 2020, 69, 1796-1806.	6.1	149
43	Developmentally Driven Changes in Adipogenesis in Different Fat Depots Are Related to Obesity. <i>Frontiers in Endocrinology</i> , 2020, 11, 138.	1.5	12
44	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.	1.9	11
45	Metabolic effects of genetic variation in the human REPIN1 gene. <i>International Journal of Obesity</i> , 2019, 43, 821-831.	1.6	4
46	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.	1.8	14
47	Atg7 Knockdown Reduces Chemerin Secretion in Murine Adipocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5715-5728.	1.8	5
48	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	5.8	133
49	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	9.4	251
50	Leptin stimulates autophagy/lysosome-related degradation of long-lived proteins in adipocytes. <i>Adipocyte</i> , 2019, 8, 51-60.	1.3	16
51	(Epi)genetic regulation of CRTCL1 in human eating behaviour and fat distribution. <i>EBioMedicine</i> , 2019, 44, 476-488.	2.7	12
52	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. <i>American Journal of Human Genetics</i> , 2019, 105, 15-28.	2.6	21
53	Voluntary upregulation of heart rate variability through biofeedback is improved by mental contemplative training. <i>Scientific Reports</i> , 2019, 9, 7860.	1.6	25
54	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	9.4	549

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55	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814.	9.4	402
56	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.	0.6	1
57	Circulating Adipokine VASPIN Is Associated with Serum Lipid Profiles in Humans. <i>Lipids</i> , 2019, 54, 203-210.	0.7	8
58	Setting our AdipoSIGHTS on Stem Cells in Pharmacogenomics. <i>Cell Stem Cell</i> , 2019, 24, 206-207.	5.2	0
59	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019, 51, 452-469.	9.4	89
60	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.	0.7	0
61	Genetics and epigenetics in obesity. <i>Metabolism: Clinical and Experimental</i> , 2019, 92, 37-50.	1.5	230
62	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018, 50, 559-571.	9.4	356
63	Genome-wide meta-analysis identifies novel determinants of circulating serum progranulin. <i>Human Molecular Genetics</i> , 2018, 27, 546-558.	1.4	15
64	Effects of resveratrol on memory performance, hippocampus connectivity and microstructure in older adults – A randomized controlled trial. <i>NeuroImage</i> , 2018, 174, 177-190.	2.1	63
65	Relationship Between 12 Adipocytokines and Distinct Components of the Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1015-1023.	1.8	55
66	Genome-wide association study identifies inversion in the <i>CTRB1-CTRB2</i> locus to modify risk for alcoholic and non-alcoholic chronic pancreatitis. <i>Gut</i> , 2018, 67, 1855-1863.	6.1	97
67	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.	1.6	42
68	Letter to the Editor regarding Mørkl et al.'s paper: Gut microbiota, dietary intakes and intestinal permeability reflected by serum zonulin in women. <i>European Journal of Nutrition</i> , 2018, 57, 2999-3000.	1.8	1
69	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.	1.0	6
70	DNA methylation of <i>SSPN</i> is linked to adipose tissue distribution and glucose metabolism. <i>FASEB Journal</i> , 2018, 32, 6898-6910.	0.2	6
71	Novel Mutations in the Asparagine Synthetase Gene (ASNS) Associated With Microcephaly. <i>Frontiers in Genetics</i> , 2018, 9, 245.	1.1	15
72	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.	1.5	81

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73	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, 771.	1.8	10
74	Common variants in the CLDN2-MORC4 and PRSS1-PRSS2 loci confer susceptibility to acute pancreatitis. <i>Pancreatology</i> , 2018, 18, 477-481.	0.5	14
75	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.	9.4	286
76	Functional and clinical relevance of novel and known PCSK1 variants for childhood obesity and glucose metabolism. <i>Molecular Metabolism</i> , 2017, 6, 295-305.	3.0	26
77	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	13.7	544
78	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.	0.4	0
79	Depletion of Jmjd1c impairs adipogenesis in murine 3T3-L1 cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1709-1717.	1.8	16
80	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017, 66, 2888-2902.	0.3	615
81	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.	3.0	29
82	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.	1.6	16
83	Effects of psychological eating behaviour domains on the association between socio-economic status and BMI. <i>Public Health Nutrition</i> , 2017, 20, 2706-2712.	1.1	17
84	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.	3.0	84
85	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.	3.9	341
86	Excess maternal transmission of variants in the THADA gene to offspring with type 2 diabetes. <i>Diabetologia</i> , 2016, 59, 1702-1713.	2.9	19
87	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	13.7	406
88	Fat depot-specific expression of <i>HXC9</i> and <i>HXC10</i> may contribute to adverse fat distribution and related metabolic traits. <i>Obesity</i> , 2016, 24, 51-59.	1.5	35
89	Bone morphogenetic protein 2 ( <i>BMP2</i> ) may contribute to partition of energy storage into visceral and subcutaneous fat depots. <i>Obesity</i> , 2016, 24, 2092-2100.	1.5	53
90	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.	1.0	9

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91	The Relevance of Genomic Signatures at Adhesion GPCR Loci in Humans. Handbook of Experimental Pharmacology, 2016, 234, 179-217.	0.9	15
92	Hypoxia-inducible factor 3A gene expression and methylation in adipose tissue is related to adipose tissue dysfunction. Scientific Reports, 2016, 6, 27969.	1.6	49
93	Accumulation of severe hypoglycemia at weekends and in warm seasons in patients with type 1 diabetes but not with type 2 diabetes. Journal of Diabetes and Its Complications, 2016, 30, 1308-1314.	1.2	11
94	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	5.8	245
95	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	5.8	412
96	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?. PLoS ONE, 2016, 11, e0161739.	1.1	31
97	Many obesity-associated SNPs strongly associate with DNA methylation changes at proximal promoters and enhancers. Genome Medicine, 2015, 7, 103.	3.6	124
98	Signatures of Natural Selection at the FTO (Fat Mass and Obesity Associated) Locus in Human Populations. PLoS ONE, 2015, 10, e0117093.	1.1	11
99	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	1.5	331
100	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. PLoS Genetics, 2015, 11, e1005510.	1.5	41
101	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. PLoS ONE, 2015, 10, e0133977.	1.1	69
102	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
103	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
104	Role of genetic variants in ADIPOQ in human eating behavior. Genes and Nutrition, 2015, 10, 449.	1.2	32
105	Age- and gender-specific norms for the German version of the Three-Factor Eating-Questionnaire (TFEQ). Appetite, 2015, 91, 241-247.	1.8	31
106	Genetic variants in AKR1B10 associate with human eating behavior. BMC Genetics, 2015, 16, 31.	2.7	7
107	A novel <i>FoxD3</i> Variant Is Associated With Vitiligo and Elevated Thyroid Auto-Antibodies. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1335-E1342.	1.8	20
108	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425.	9.4	365

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109	Polymorphisms at <i>PRSS1</i> and <i>PRSS2</i> and <i>CLDN2</i> loci associate with alcoholic and non-alcoholic chronic pancreatitis in a European replication study. <i>Gut</i> , 2015, 64, 1426-1433.	6.1	105
110	ADCY5 Gene Expression in Adipose Tissue Is Related to Obesity in Men and Mice. <i>PLoS ONE</i> , 2015, 10, e0120742.	1.1	28
111	Genetic Contribution of Variants near <i>SORT1</i> and <i>APOE</i> on LDL Cholesterol Independent of Obesity in Children. <i>PLoS ONE</i> , 2015, 10, e0138064.	1.1	20
112	A Central Role for <i>GRB10</i> in Regulation of Islet Function in Man. <i>PLoS Genetics</i> , 2014, 10, e1004235.	1.5	164
113	Genome Wide Meta-analysis Highlights the Role of Genetic Variation in <i>RARRES2</i> in the Regulation of Circulating Serum Chemerin. <i>PLoS Genetics</i> , 2014, 10, e1004854.	1.5	31
114	Global DNA methylation levels in human adipose tissue are related to fat distribution and glucose homeostasis. <i>Diabetologia</i> , 2014, 57, 2374-2383.	2.9	42
115	Liver-Restricted <i>Repin1</i> Deficiency Improves Whole-Body Insulin Sensitivity, Alters Lipid Metabolism, and Causes Secondary Changes in Adipose Tissue in Mice. <i>Diabetes</i> , 2014, 63, 3295-3309.	0.3	24
116	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	9.4	1,818
117	Adipose tissue depot specific promoter methylation of <i>TMEM18</i> . <i>Journal of Molecular Medicine</i> , 2014, 92, 881-888.	1.7	21
118	The genetics of fat distribution. <i>Diabetologia</i> , 2014, 57, 1276-1286.	2.9	116
119	Analysis of a rare functional truncating mutation rs61757459 in <i>vaspin</i> ( <i>SERPINA12</i> ) on circulating <i>vaspin</i> levels. <i>Journal of Molecular Medicine</i> , 2013, 91, 1285-1292.	1.7	6
120	<i>Vaspin</i> inhibits kallikrein 7 by serpin mechanism. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2569-2583.	2.4	125
121	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, 2105-2117.	3.0	33
122	Insulin Administration Acutely Decreases <i>Vaspin</i> Serum Concentrations in Humans. <i>Obesity Facts</i> , 2013, 6, 86-88.	1.6	13
123	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.	1.5	371
124	<i>THOC5</i> : a novel gene involved in HDL-cholesterol metabolism. <i>Journal of Lipid Research</i> , 2013, 54, 3170-3176.	2.0	15
125	Fibroblast growth factor-21 serum concentrations are associated with metabolic and hepatic markers in humans. <i>Journal of Endocrinology</i> , 2013, 216, 135-143.	1.2	65
126	The role of rs2237781 within <i>GRM8</i> in eating behavior. <i>Brain and Behavior</i> , 2013, 3, 495-502.	1.0	14



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127	Nicotinamide nucleotide transhydrogenase mRNA expression is related to human obesity. <i>Obesity</i> , 2013, 21, 529-534.	1.5	17
128	TAS2R38 and Its Influence on Smoking Behavior and Glucose Homeostasis in the German Sorbs. <i>PLoS ONE</i> , 2013, 8, e80512.	1.1	48
129	Role of Vaspin in Human Eating Behaviour. <i>PLoS ONE</i> , 2013, 8, e54140.	1.1	11
130	Common Genetic Variation near MC4R Has a Sex-Specific Impact on Human Brain Structure and Eating Behavior. <i>PLoS ONE</i> , 2013, 8, e74362.	1.1	41
131	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	1.5	166
132	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , 2012, 21, 5329-5343.	1.4	64
133	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.	9.4	746
134	C57BL/6Jrj mice are protected against diet induced obesity (DIO). <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 717-720.	1.0	14
135	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012, 44, 659-669.	9.4	762
136	New gene functions in megakaryopoiesis and platelet formation. <i>Nature</i> , 2011, 480, 201-208.	13.7	401
137	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.	1.4	59
138	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.	2.7	26
139	Sequence variants at CYP1A1 and CYP1A2 and AHR associate with coffee consumption. <i>Human Molecular Genetics</i> , 2011, 20, 2071-2077.	1.4	114
140	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.	1.1	38
141	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.	1.1	20
142	Effect of Genetic Variation in the Human Fatty Acid Synthase Gene ( <i>FASN</i> ) on Obesity and Fat Depot-Specific mRNA Expression. <i>Obesity</i> , 2010, 18, 1218-1225.	1.5	21
143	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, 104-110.	1.4	81
144	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838.	13.7	1,789

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145	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. <i>Nature Genetics</i> , 2010, 42, 142-148.	9.4	591
146	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010, 42, 376-384.	9.4	710
147	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, 949-960.	9.4	836
148	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	9.4	2,634
149	Detailed Physiologic Characterization Reveals Diverse Mechanisms for Novel Genetic Loci Regulating Glucose and Insulin Metabolism in Humans. <i>Diabetes</i> , 2010, 59, 1266-1275.	0.3	237
150	Common Variants at 10 Genomic Loci Influence Hemoglobin A1C Levels via Glycemic and Nonglycemic Pathways. <i>Diabetes</i> , 2010, 59, 3229-3239.	0.3	387
151	Insulin-sensitive obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E506-E515.	1.8	670
152	Repin1 maybe involved in the regulation of cell size and glucose transport in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2010, 400, 246-251.	1.0	22
153	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010, 42, 105-116.	9.4	1,982
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