

# Peter Kovacs

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2533658/publications.pdf>

Version: 2024-02-01

179  
papers

34,567  
citations

17405

63  
h-index

4203

174  
g-index

193  
all docs

193  
docs citations

193  
times ranked

38387  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	13.7	3,823
2	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
3	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
4	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
5	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838.	13.7	1,789
6	Variation in FTO contributes to childhood obesity and severe adult obesity. <i>Nature Genetics</i> , 2007, 39, 724-726.	9.4	1,390
7	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
8	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
9	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, 659-669.	9.4	762
10	Large-scale association analyses identify new loci influencing glycaemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012, 44, 991-1005.	9.4	746
11	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010, 42, 376-384.	9.4	710
12	Insulin-sensitive obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E506-E515.	1.8	670
13	Plasma Visfatin Concentrations and Fat Depot-Specific mRNA Expression in Humans. <i>Diabetes</i> , 2005, 54, 2911-2916.	0.3	628
14	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017, 66, 2888-2902.	0.3	615
15	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
16	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
17	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, 157-159.	9.4	585
18	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

#	ARTICLE	IF	CITATIONS
19	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	13.7	544
20	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	5.8	412
21	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	13.7	406
22	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
23	New gene functions in megakaryopoiesis and platelet formation. <i>Nature</i> , 2011, 480, 201-208.	13.7	401
24	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
25	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
26	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015, 47, 1415-1425.	9.4	365
27	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.	7.2	360
28	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
29	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	13.7	353
30	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
31	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	9.4	341
32	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.	1.5	331
33	Vaspin gene expression in human adipose tissue: Association with obesity and type 2 diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 430-436.	1.0	303
34	MicroRNA Expression in Human Omental and Subcutaneous Adipose Tissue. <i>PLoS ONE</i> , 2009, 4, e4699.	1.1	290
35	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
36	Common nonsynonymous variants in PCSK1 confer risk of obesity. <i>Nature Genetics</i> , 2008, 40, 943-945.	9.4	275

#	ARTICLE	IF	CITATIONS
37	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	9.4	251
38	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495.	5.8	245
39	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
40	Genetics and epigenetics in obesity. <i>Metabolism: Clinical and Experimental</i> , 2019, 92, 37-50.	1.5	230
41	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	1.5	166
42	A Central Role for GRB10 in Regulation of Islet Function in Man. <i>PLoS Genetics</i> , 2014, 10, e1004235.	1.5	164
43	Gut Microbiome, Intestinal Permeability, and Tissue Bacteria in Metabolic Disease: Perpetrators or Bystanders?. <i>Nutrients</i> , 2020, 12, 1082.	1.7	154
44	Adipose tissue derived bacteria are associated with inflammation in obesity and type 2 diabetes. <i>Gut</i> , 2020, 69, 1796-1806.	6.1	149
45	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	5.8	133
46	Vaspin inhibits kallikrein 7 by serpin mechanism. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2569-2583.	2.4	125
47	Many obesity-associated SNPs strongly associate with DNA methylation changes at proximal promoters and enhancers. <i>Genome Medicine</i> , 2015, 7, 103.	3.6	124
48	The genetics of fat distribution. <i>Diabetologia</i> , 2014, 57, 1276-1286.	2.9	116
49	Sequence variants at CYP1A1 and CYP1A2 and AHR associate with coffee consumption. <i>Human Molecular Genetics</i> , 2011, 20, 2071-2077.	1.4	114
50	Fatty acids and insulin resistance in muscle and liver. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2005, 19, 625-635.	2.2	113
51	Polymorphisms at PRSS1 and PRSS2 and CLDN2 and MORC4 loci associate with alcoholic and non-alcoholic chronic pancreatitis in a European replication study. <i>Gut</i> , 2015, 64, 1426-1433.	6.1	105
52	Genome-wide association study identifies inversion in the CTRB1-CTRB2 locus to modify risk for alcoholic and non-alcoholic chronic pancreatitis. <i>Gut</i> , 2018, 67, 1855-1863.	6.1	97
53	Vaspin serum concentrations in patients with carotid stenosis. <i>Atherosclerosis</i> , 2009, 204, 262-266.	0.4	96
54	The Role of Insulin Receptor Substrate-1 Gene (IRS1) in Type 2 Diabetes in Pima Indians. <i>Diabetes</i> , 2003, 52, 3005-3009.	0.3	89

#	ARTICLE	IF	CITATIONS
55	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
56	Effects of Genetic Variation in the Human Retinol Binding Protein-4 Gene ( <i>RBP4</i> ) on Insulin Resistance and Fat Depot-Specific mRNA Expression. <i>Diabetes</i> , 2007, 56, 3095-3100.	0.3	88
57	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	5.8	87
58	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
59	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
60	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
61	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, 116-124.	1.8	77
62	Adipose Tissue Expression and Genetic Variants of the Bone Morphogenetic Protein Receptor 1A Gene ( <i>BMPR1A</i> ) Are Associated With Human Obesity. <i>Diabetes</i> , 2009, 58, 2119-2128.	0.3	73
63	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.	1.1	69
64	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
65	Genetic Variation in the Visfatin Gene ( <i>PBEF1</i> ) 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, 2725-2731.	1.8	64
66	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
67	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, 4662-4668.	1.4	63
68	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
69	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
70	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
71	Impaired Intestinal Barrier and Tissue Bacteria: Pathomechanisms for Metabolic Diseases. <i>Frontiers in Endocrinology</i> , 2021, 12, 616506.	1.5	56
72	A Novel Missense Substitution (Val1483Ile) in the Fatty Acid Synthase Gene ( <i>FAS</i> ) Is Associated With Percentage of Body Fat and Substrate Oxidation Rates in Nondiabetic Pima Indians. <i>Diabetes</i> , 2004, 53, 1915-1919.	0.3	55

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	Apoptotic brown adipocytes enhance energy expenditure via extracellular inosine. <i>Nature</i> , 2022, 609, 361-368.	13.7	53
76	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, 501-507.	1.4	50
77	Hypoxia-inducible factor 3A gene expression and methylation in adipose tissue is related to adipose tissue dysfunction. <i>Scientific Reports</i> , 2016, 6, 27969.	1.6	49
78	TAS2R38 and Its Influence on Smoking Behavior and Glucose Homeostasis in the German Sorbs. <i>PLoS ONE</i> , 2013, 8, e80512.	1.1	48
79	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
80	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
81	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.	1.5	41
82	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
83	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
84	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
85	Genetic Variation in the Human Winged Helix/Forkhead Transcription Factor Gene FOXC2 in Pima Indians. <i>Diabetes</i> , 2003, 52, 1292-1295.	0.3	35
86	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
87	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
88	Role of genetic variants in ADIPOQ in human eating behavior. <i>Genes and Nutrition</i> , 2015, 10, 449.	1.2	32
89	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
90	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.	1.5	31

#	ARTICLE	IF	CITATIONS
91	Age- and gender-specific norms for the German version of the Three-Factor Eating-Questionnaire (TFEQ). <i>Appetite</i> , 2015, 91, 241-247.	1.8	31
92	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.	1.1	31
93	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, 1956-1960.	1.8	29
94	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
95	Quantitative Trait Loci on Chromosomes 1 and 4 Affect Lipid Phenotypes in the Rat. <i>Archives of Biochemistry and Biophysics</i> , 1998, 354, 139-143.	1.4	28
96	The Obesity-Susceptibility Gene TMEM18 Promotes Adipogenesis through Activation of PPAR $\gamma$ . <i>Cell Reports</i> , 2020, 33, 108295.	2.9	28
97	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
98	ADCY5 Gene Expression in Adipose Tissue Is Related to Obesity in Men and Mice. <i>PLoS ONE</i> , 2015, 10, e0120742.	1.1	28
99	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
100	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
101	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
102	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , 2020, 69, 2806-2818.	0.3	26
103	Voluntary upregulation of heart rate variability through biofeedback is improved by mental contemplative training. <i>Scientific Reports</i> , 2019, 9, 7860.	1.6	25
104	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, 3295-3309.	0.3	24
105	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
106	Lifestyle weight-loss intervention may attenuate methylation aging: the CENTRAL MRI randomized controlled trial. <i>Clinical Epigenetics</i> , 2021, 13, 48.	1.8	22
107	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
108	Adipose tissue depot specific promoter methylation of TMEM18. <i>Journal of Molecular Medicine</i> , 2014, 92, 881-888.	1.7	21



#	ARTICLE	IF	CITATIONS
109	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. American Journal of Human Genetics, 2019, 105, 15-28.	2.6	21
110	Genetics of Body Fat Distribution: Comparative Analyses in Populations with European, Asian and African Ancestries. Genes, 2021, 12, 841.	1.0	21
111	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
112	Effects of Genetic Variants in ADCY5, GIPR, GCKR and VPS13C on Early Impairment of Glucose and Insulin Metabolism in Children. PLoS ONE, 2011, 6, e22101.	1.1	20
113	Genetic Contribution of Variants near SORT1 and APOE on LDL Cholesterol Independent of Obesity in Children. PLoS ONE, 2015, 10, e0138064.	1.1	20
114	Excess maternal transmission of variants in the THADA gene to offspring with type 2 diabetes. Diabetologia, 2016, 59, 1702-1713.	2.9	19
115	Genetics of Obesity in East Asians. Frontiers in Genetics, 2020, 11, 575049.	1.1	19
116	Polymorphisms in the Oxygen-Regulated Protein 150 Gene (ORP150) Are Associated With Insulin Resistance in Pima Indians. Diabetes, 2002, 51, 1618-1621.	0.3	18
117	Multinucleated Giant Cells in Adipose Tissue Are Specialized in Adipocyte Degradation. Diabetes, 2021, 70, 538-548.	0.3	18
118	TCF7L2 gene expression in human visceral and subcutaneous adipose tissue is differentially regulated but not associated with type 2 diabetes mellitus. Metabolism: Clinical and Experimental, 2008, 57, 1227-1231.	1.5	17
119	Nicotinamide nucleotide transhydrogenase mRNA expression is related to human obesity. Obesity, 2013, 21, 529-534.	1.5	17
120	Effects of psychological eating behaviour domains on the association between socio-economic status and BMI. Public Health Nutrition, 2017, 20, 2706-2712.	1.1	17
121	Genome-wide meta-analysis of phytosterols reveals five novel loci and a detrimental effect on coronary atherosclerosis. Nature Communications, 2022, 13, 143.	5.8	17
122	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. Communications Biology, 2022, 5, .	2.0	17
123	R1467H variant in the rho guanine nucleotide exchange factor 11 (ARHGEF11) is associated with impaired glucose tolerance and type 2 diabetes in German Caucasians. Journal of Human Genetics, 2008, 53, 365-367.	1.1	16
124	Depletion of Jmjd1c impairs adipogenesis in murine 3T3-L1 cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1709-1717.	1.8	16
125	IRS1 DNA promoter methylation and expression in human adipose tissue are related to fat distribution and metabolic traits. Scientific Reports, 2017, 7, 12369.	1.6	16
126	Leptin stimulates autophagy/lysosome-related degradation of long-lived proteins in adipocytes. Adipocyte, 2019, 8, 51-60.	1.3	16



#	ARTICLE	IF	CITATIONS
127	THOC5: a novel gene involved in HDL-cholesterol metabolism. <i>Journal of Lipid Research</i> , 2013, 54, 3170-3176.	2.0	15
128	The Relevance of Genomic Signatures at Adhesion GPCR Loci in Humans. <i>Handbook of Experimental Pharmacology</i> , 2016, 234, 179-217.	0.9	15
129	Genome-wide meta-analysis identifies novel determinants of circulating serum progranulin. <i>Human Molecular Genetics</i> , 2018, 27, 546-558.	1.4	15
130	Novel Mutations in the Asparagine Synthetase Gene (ASNS) Associated With Microcephaly. <i>Frontiers in Genetics</i> , 2018, 9, 245.	1.1	15
131	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
132	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
133	C57BL/6J mice are protected against diet induced obesity (DIO). <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 717-720.	1.0	14
134	The role of rs2237781 within <i>GRM8</i> in eating behavior. <i>Brain and Behavior</i> , 2013, 3, 495-502.	1.0	14
135	Common variants in the <i>CLDN2-MORC4</i> and <i>PRSS1-PRSS2</i> loci confer susceptibility to acute pancreatitis. <i>Pancreatology</i> , 2018, 18, 477-481.	0.5	14
136	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
137	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
138	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
139	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
140	Insulin Administration Acutely Decreases Vaspin Serum Concentrations in Humans. <i>Obesity Facts</i> , 2013, 6, 86-88.	1.6	13
141	DNA methylation patterns reflect individual's lifestyle independent of obesity. <i>Clinical and Translational Medicine</i> , 2022, 12, .	1.7	13
142	(Epi)genetic regulation of <i>CRTC1</i> in human eating behaviour and fat distribution. <i>EBioMedicine</i> , 2019, 44, 476-488.	2.7	12
143	Developmentally Driven Changes in Adipogenesis in Different Fat Depots Are Related to Obesity. <i>Frontiers in Endocrinology</i> , 2020, 11, 138.	1.5	12
144	Multomics reveal unique signatures of human epiplotic adipose tissue related to systemic insulin resistance. <i>Gut</i> , 2022, 71, 2179-2193.	6.1	12

#	ARTICLE	IF	CITATIONS
145	Signatures of Natural Selection at the FTO (Fat Mass and Obesity Associated) Locus in Human Populations. PLoS ONE, 2015, 10, e0117093.	1.1	11
146	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
147	Role of Vaspin in Human Eating Behaviour. PLoS ONE, 2013, 8, e54140.	1.1	11
148	Pro-neurotensin depends on renal function and is related to all-cause mortality in chronic kidney disease. European Journal of Endocrinology, 2020, 183, 233-244.	1.9	11
149	Insulin-Sensitizer Effects of Fenugreek Seeds in Parallel with Changes in Plasma MCH Levels in Healthy Volunteers. International Journal of Molecular Sciences, 2018, 19, 771.	1.8	10
150	Repin1 deficiency improves insulin sensitivity and glucose metabolism in db/db mice by reducing adipose tissue mass and inflammation. Biochemical and Biophysical Research Communications, 2016, 478, 398-402.	1.0	9
151	The Effect of FGF21 and Its Genetic Variants on Food and Drug Cravings, Adipokines and Metabolic Traits. Biomedicines, 2021, 9, 345.	1.4	9
152	Circulating Adipokine VASPIN Is Associated with Serum Lipid Profiles in Humans. Lipids, 2019, 54, 203-210.	0.7	8
153	PTEN regulates adipose progenitor cell growth, differentiation, and replicative aging. Journal of Biological Chemistry, 2021, 297, 100968.	1.6	8
154	Interplay between adipose tissue secreted proteins, eating behavior and obesity. European Journal of Nutrition, 2022, 61, 885-899.	1.8	8
155	Genetic variants in AKR1B10 associate with human eating behavior. BMC Genetics, 2015, 16, 31.	2.7	7
156	Serum levels of advanced glycation end products and their receptors sRAGE and Galectin-3 in chronic pancreatitis. Pancreatology, 2020, 20, 187-192.	0.5	7
157	Adipocytokines are not associated with gestational diabetes mellitus but with pregnancy status. Cytokine, 2020, 131, 155088.	1.4	7
158	Analysis of a rare functional truncating mutation rs61757459 in vaspin (SERPINA12) on circulating vaspin levels. Journal of Molecular Medicine, 2013, 91, 1285-1292.	1.7	6
159	Gene expression profiling in adipose tissue of Sprague Dawley rats identifies olfactory receptor 984 as a potential obesity treatment target. Biochemical and Biophysical Research Communications, 2018, 505, 801-806.	1.0	6
160	DNA methylation of <i>SSPN</i> is linked to adipose tissue distribution and glucose metabolism. FASEB Journal, 2018, 32, 6898-6910.	0.2	6
161	Changes in circulating microRNAs-99/100 and reductions of visceral and ectopic fat depots in response to lifestyle interventions: the CENTRAL trial. American Journal of Clinical Nutrition, 2022, 116, 165-172.	2.2	6
162	Atg7 Knockdown Reduces Chemerin Secretion in Murine Adipocytes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5715-5728.	1.8	5

