

Michael Stumvoll

List of Publications by Year in descending order

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Version: 2024-02-01

490
papers

62,603
citations

1368

108
h-index

1185

228
g-index

524
all docs

524
docs citations

524
times ranked

65036
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	Type 2 diabetes: principles of pathogenesis and therapy. <i>Lancet</i> , The, 2005, 365, 1333-1346.	6.3	1,976
5	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
6	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838.	13.7	1,789
7	Weight Loss with a Low-Carbohydrate, Mediterranean, or Low-Fat Diet. <i>New England Journal of Medicine</i> , 2008, 359, 229-241.	13.9	1,780
8	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
9	Antioxidants prevent health-promoting effects of physical exercise in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8665-8670.	3.3	1,315
10	Metabolic Effects of Metformin in Non-Insulin-Dependent Diabetes Mellitus. <i>New England Journal of Medicine</i> , 1995, 333, 550-554.	13.9	1,023
11	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
12	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
13	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
14	Genomic insights into the origin of farming in the ancient Near East. <i>Nature</i> , 2016, 536, 419-424.	13.7	733
15	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010, 42, 376-384.	9.4	710
16	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013, 45, 145-154.	9.4	675
17	Insulin-sensitive obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E506-E515.	1.8	670
18	Sequence variants at CHRN3, CHRNA6 and CYP2A6 affect smoking behavior. <i>Nature Genetics</i> , 2010, 42, 448-453.	9.4	649

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19	Plasma Visfatin Concentrations and Fat Depot-Specific mRNA Expression in Humans. <i>Diabetes</i> , 2005, 54, 2911-2916.	0.3	628
20	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017, 66, 2888-2902.	0.3	615
21	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
22	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
23	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	9.4	578
24	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
25	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	13.7	544
26	Plasma Adiponectin Concentrations Predict Insulin Sensitivity of Both Glucose and Lipid Metabolism. <i>Diabetes</i> , 2003, 52, 239-243.	0.3	529
27	Macrophage Infiltration into Omental Versus Subcutaneous Fat across Different Populations: Effect of Regional Adiposity and the Comorbidities of Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2240-2247.	1.8	497
28	Dysregulation of the Peripheral and Adipose Tissue Endocannabinoid System in Human Abdominal Obesity. <i>Diabetes</i> , 2006, 55, 3053-3060.	0.3	477
29	Association of the T-G Polymorphism in Adiponectin (Exon 2) With Obesity and Insulin Sensitivity: Interaction With Family History of Type 2 Diabetes. <i>Diabetes</i> , 2002, 51, 37-41.	0.3	412
30	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
31	Eigenvector Centrality Mapping for Analyzing Connectivity Patterns in fMRI Data of the Human Brain. <i>PLoS ONE</i> , 2010, 5, e10232.	1.1	406
32	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	13.7	406
33	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
34	New gene functions in megakaryopoiesis and platelet formation. <i>Nature</i> , 2011, 480, 201-208.	13.7	401
35	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
36	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012, 490, 267-272.	13.7	383

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37	Chymotrypsin C (CTRC) variants that diminish activity or secretion are associated with chronic pancreatitis. <i>Nature Genetics</i> , 2008, 40, 78-82.	9.4	369
38	Serum Vaspin Concentrations in Human Obesity and Type 2 Diabetes. <i>Diabetes</i> , 2008, 57, 372-377.	0.3	367
39	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
40	Risk of diabetes-associated diseases in subgroups of patients with recent-onset diabetes: a 5-year follow-up study. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 684-694.	5.5	364
41	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
42	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
43	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
44	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	9.4	341
45	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
46	Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012, 492, 369-375.	13.7	320
47	The Peroxisome Proliferator-Activated Receptor- α 2 Pro12Ala Polymorphism. <i>Diabetes</i> , 2002, 51, 2341-2347.	0.3	314
48	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
49	Impact of Type 2 Diabetes Susceptibility Variants on Quantitative Glycemic Traits Reveals Mechanistic Heterogeneity. <i>Diabetes</i> , 2014, 63, 2158-2171.	0.3	297
50	Inflammatory Cytokines in General and Central Obesity and Modulating Effects of Physical Activity. <i>PLoS ONE</i> , 2015, 10, e0121971.	1.1	296
51	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , 2013, 45, 76-82.	9.4	293
52	MicroRNA Expression in Human Omental and Subcutaneous Adipose Tissue. <i>PLoS ONE</i> , 2009, 4, e4699.	1.1	290
53	The LIFE-Adult-Study: objectives and design of a population-based cohort study with 10,000 deeply phenotyped adults in Germany. <i>BMC Public Health</i> , 2015, 15, 691.	1.2	287
54	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

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55	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	9.4	284
56	Statin therapy is associated with lower prevalence of gut microbiota dysbiosis. <i>Nature</i> , 2020, 581, 310-315.	13.7	283
57	Pathophysiology and Pharmacological Treatment of Insulin Resistance*. <i>Endocrine Reviews</i> , 2000, 21, 585-618.	8.9	263
58	Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7119-7124.	3.3	258
59	Variants in CPA1 are strongly associated with early onset chronic pancreatitis. <i>Nature Genetics</i> , 2013, 45, 1216-1220.	9.4	255
60	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	9.4	251
61	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495.	5.8	245
62	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
63	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015, 20, 647-656.	4.1	235
64	MEDI0382, a GLP-1 and glucagon receptor dual agonist, in obese or overweight patients with type 2 diabetes: a randomised, controlled, double-blind, ascending dose and phase 2a study. <i>Lancet</i> , The, 2018, 391, 2607-2618.	6.3	227
65	Standardized assessment of whole body adipose tissue topography by MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 21, 455-462.	1.9	216
66	Intramyocellular Lipids: Anthropometric Determinants and Relationships with Maximal Aerobic Capacity and Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1785-1791.	1.8	210
67	Glycaemic durability of an early combination therapy with vildagliptin and metformin versus sequential metformin monotherapy in newly diagnosed type 2 diabetes (VERIFY): a 5-year, multicentre, randomised, double-blind trial. <i>Lancet</i> , The, 2019, 394, 1519-1529.	6.3	210
68	CUBN Is a Gene Locus for Albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 555-570.	3.0	208
69	The cerebrocortical response to hyperinsulinemia is reduced in overweight humans: A magnetoencephalographic study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12103-12108.	3.3	196
70	Relationship of Serum Adiponectin and Leptin Concentrations with Body Fat Distribution in Humans. <i>Obesity</i> , 2003, 11, 368-376.	4.0	195
71	Glitazones: clinical effects and molecular mechanisms. <i>Annals of Medicine</i> , 2002, 34, 217-224.	1.5	192
72	Effects of weight loss and exercise on chemerin serum concentrations and adipose tissue expression in human obesity. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 706-714.	1.5	191

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73	Dietary Intervention to Reverse Carotid Atherosclerosis. <i>Circulation</i> , 2010, 121, 1200-1208.	1.6	190
74	Effect of Distinct Lifestyle Interventions on Mobilization of Fat Storage Pools. <i>Circulation</i> , 2018, 137, 1143-1157.	1.6	185
75	Brain Activity in Hunger and Satiety: An Exploratory Visually Stimulated fMRI Study. <i>Obesity</i> , 2008, 16, 945-950.	1.5	182
76	Acute Hyperglycemia Causes Intracellular Formation of CML and Activation of ras, p42/44 MAPK, and Nuclear Factor κ B in PBMCs. <i>Diabetes</i> , 2003, 52, 621-633.	0.3	180
77	Role of glutamine in human carbohydrate metabolism in kidney and other tissues. <i>Kidney International</i> , 1999, 55, 778-792.	2.6	175
78	Adipokines in gestational diabetes. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 488-499.	5.5	173
79	<i>CFTR</i> , <i>SPINK1</i> , <i>CTRC</i> and <i>PRSS1</i> variants in chronic pancreatitis: is the role of mutated <i>CFTR</i> overestimated?. <i>Gut</i> , 2013, 62, 582-592.	6.1	168
80	Contraindications can damage your health—is metformin a case in point?. <i>Diabetologia</i> , 2005, 48, 2454-2459.	2.9	166
81	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	1.5	166
82	A Central Role for GRB10 in Regulation of Islet Function in Man. <i>PLoS Genetics</i> , 2014, 10, e1004235.	1.5	164
83	Serum Levels of Acylcarnitines Are Altered in Prediabetic Conditions. <i>PLoS ONE</i> , 2013, 8, e82459.	1.1	160
84	Effect of a 4 week physical training program on plasma concentrations of inflammatory markers in patients with abnormal glucose tolerance. <i>European Journal of Endocrinology</i> , 2006, 154, 577-585.	1.9	156
85	Betatrophin levels are increased in women with gestational diabetes mellitus compared to healthy pregnant controls. <i>European Journal of Endocrinology</i> , 2015, 173, 1-7.	1.9	156
86	Intramyocellular lipids and insulin resistance. <i>Diabetes, Obesity and Metabolism</i> , 2004, 6, 239-248.	2.2	153
87	Effects of Initiating Moderate Alcohol Intake on Cardiometabolic Risk in Adults With Type 2 Diabetes. <i>Annals of Internal Medicine</i> , 2015, 163, 569-579.	2.0	151
88	Effects of Cotadutide on Metabolic and Hepatic Parameters in Adults With Overweight or Obesity and Type 2 Diabetes: A 54-Week Randomized Phase 2b Study. <i>Diabetes Care</i> , 2021, 44, 1433-1442.	4.3	151
89	Association of Pro12Ala Polymorphism in Peroxisome Proliferator-Activated Receptor α With Pre-Diabetic Phenotypes: Meta-analysis of 57 studies on nondiabetic individuals. <i>Diabetes Care</i> , 2006, 29, 2489-2497.	4.3	150
90	Serum Progranulin Concentrations May Be Associated With Macrophage Infiltration Into Omental Adipose Tissue. <i>Diabetes</i> , 2009, 58, 627-636.	0.3	149

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91	Adipose tissue derived bacteria are associated with inflammation in obesity and type 2 diabetes. <i>Gut</i> , 2020, 69, 1796-1806.	6.1	149
92	The beneficial effects of Mediterranean diet over low-fat diet may be mediated by decreasing hepatic fat content. <i>Journal of Hepatology</i> , 2019, 71, 379-388.	1.8	148
93	Interleukin-6 is a negative regulator of visfatin gene expression in 3T3-L1 adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E586-E590.	1.8	141
94	Hormonal regulation of the novel adipocytokine visfatin in 3T3-L1 adipocytes. <i>Journal of Endocrinology</i> , 2005, 185, R1-R8.	1.2	139
95	Serum Levels of the Adipokine Vaspin in Relation to Metabolic and Renal Parameters. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 247-251.	1.8	139
96	Assessing the Shape of the Glucose Curve During an Oral Glucose Tolerance Test. <i>Diabetes Care</i> , 2003, 26, 1026-1033.	4.3	137
97	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	5.8	133
98	Obesity-Related Differences between Women and Men in Brain Structure and Goal-Directed Behavior. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 58.	1.0	127
99	Cytokine levels in depressed and non-depressed subjects, and masking effects of obesity. <i>Journal of Psychiatric Research</i> , 2014, 55, 29-34.	1.5	127
100	Visfatin/PBEF/Nampt: structure, regulation and potential function of a novel adipokine. <i>Clinical Science</i> , 2008, 115, 13-23.	1.8	125
101	Vaspin inhibits kallikrein 7 by serpin mechanism. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2569-2583.	2.4	125
102	Interleukin-1 β induces the novel adipokine chemerin in adipocytes in vitro. <i>Regulatory Peptides</i> , 2009, 154, 102-106.	1.9	123
103	Imidazole propionate is increased in diabetes and associated with dietary patterns and altered microbial ecology. <i>Nature Communications</i> , 2020, 11, 5881.	5.8	122
104	Sex-Dependent Influences of Obesity on Cerebral White Matter Investigated by Diffusion-Tensor Imaging. <i>PLoS ONE</i> , 2011, 6, e18544.	1.1	121
105	Effect of green-Mediterranean diet on intrahepatic fat: the DIRECT PLUS randomised controlled trial. <i>Gut</i> , 2021, 70, 2085-2095.	6.1	120
106	Isoproterenol, TNF α , and insulin downregulate adipose triglyceride lipase in 3T3-L1 adipocytes. <i>Molecular and Cellular Endocrinology</i> , 2005, 240, 43-49.	1.6	117
107	Sequence variants at CYP1A1 and CYP1A2 and AHR associate with coffee consumption. <i>Human Molecular Genetics</i> , 2011, 20, 2071-2077.	1.4	114
108	Two Patterns of Adipokine and Other Biomarker Dynamics in a Long-Term Weight Loss Intervention. <i>Diabetes Care</i> , 2012, 35, 342-349.	4.3	114

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109	Serum levels of the myokine irisin in relation to metabolic and renal function. <i>European Journal of Endocrinology</i> , 2014, 170, 501-506.	1.9	114
110	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
111	Renal substrate exchange and gluconeogenesis in normal postabsorptive humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E428-E434.	1.8	111
112	Adiponectin, obesity, and cardiovascular disease. <i>Biochimie</i> , 2004, 86, 779-784.	1.3	111
113	Mitogen-Activated Protein Kinases, Inhibitory- γ B Kinase, and Insulin Signaling in Human Omental Versus Subcutaneous Adipose Tissue in Obesity. <i>Endocrinology</i> , 2007, 148, 2955-2962.	1.4	109
114	Serum Levels of the Adipokine FGF21 Depend on Renal Function. <i>Diabetes Care</i> , 2009, 32, 126-128.	4.3	109
115	Expression of Adiponectin Receptor mRNA in Human Skeletal Muscle Cells Is Related to In Vivo Parameters of Glucose and Lipid Metabolism. <i>Diabetes</i> , 2004, 53, 2195-2201.	0.3	108
116	Identification of Adipokine Clusters Related to Parameters of Fat Mass, Insulin Sensitivity and Inflammation. <i>PLoS ONE</i> , 2014, 9, e99785.	1.1	107
117	Multiple Loci Are Associated with White Blood Cell Phenotypes. <i>PLoS Genetics</i> , 2011, 7, e1002113.	1.5	106
118	Adiponectin expression in humans is dependent on differentiation of adipocytes and down-regulated by humoral serum components of high molecular weight. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 540-550.	1.0	105
119	Type 2 diabetes: pathogenesis and treatment. <i>Lancet, The</i> , 2008, 371, 2153-2156.	6.3	103
120	Adipokine Pattern in Subjects with Impaired Fasting Glucose and Impaired Glucose Tolerance in Comparison to Normal Glucose Tolerance and Diabetes. <i>PLoS ONE</i> , 2010, 5, e13911.	1.1	102
121	Effects of Weight Loss and Exercise on Apelin Serum Concentrations and Adipose Tissue Expression in Human Obesity. <i>Obesity Facts</i> , 2013, 6, 57-69.	1.6	102
122	Combinatorial, additive and dose-dependent drug-microbiome associations. <i>Nature</i> , 2021, 600, 500-505.	13.7	102
123	Microbiome and metabolome features of the cardiometabolic disease spectrum. <i>Nature Medicine</i> , 2022, 28, 303-314.	15.2	102
124	Human kidney and liver gluconeogenesis: evidence for organ substrate selectivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998, 274, E817-E826.	1.8	98
125	Plasma Adiponectin and Endogenous Glucose Production in Humans. <i>Diabetes Care</i> , 2003, 26, 3315-3319.	4.3	98
126	Glucose Allostasis. <i>Diabetes</i> , 2003, 52, 903-909.	0.3	97

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127	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
128	Effects of glucagon on renal and hepatic glutamine gluconeogenesis in normal postabsorptive humans. <i>Metabolism: Clinical and Experimental</i> , 1998, 47, 1227-1232.	1.5	95
129	Effects of Diet-Modulated Autologous Fecal Microbiota Transplantation on Weight Regain. <i>Gastroenterology</i> , 2021, 160, 158-173.e10.	0.6	95
130	Gene expression of PPAR β and PGC-1 α in human omental and subcutaneous adipose tissues is related to insulin resistance markers and mediates beneficial effects of physical training. <i>European Journal of Endocrinology</i> , 2010, 162, 515-523.	1.9	94
131	Serum levels of the atherosclerosis biomarker sTWEAK are decreased in type 2 diabetes and end-stage renal disease. <i>Atherosclerosis</i> , 2008, 199, 440-444.	0.4	90
132	Long-term Relapse of Type 2 Diabetes After Roux-en-Y Gastric Bypass: Prediction and Clinical Relevance. <i>Diabetes Care</i> , 2018, 41, 2086-2095.	4.3	90
133	Avoidance of Hypoglycemia Restores Hypoglycemia Awareness by Increasing β -Adrenergic Sensitivity in Type 1 Diabetes. <i>Annals of Internal Medicine</i> , 2001, 134, 729.	2.0	90
134	Gene Expression of Adiponectin Receptors in Human Visceral and Subcutaneous Adipose Tissue Is Related to Insulin Resistance and Metabolic Parameters and Is Altered in Response to Physical Training. <i>Diabetes Care</i> , 2007, 30, 3110-3115.	4.3	89
135	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
136	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
137	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	5.8	87
138	Renal Function Following Three Distinct Weight Loss Dietary Strategies During 2 Years of a Randomized Controlled Trial. <i>Diabetes Care</i> , 2013, 36, 2225-2232.	4.3	86
139	Higher body mass index in older adults is associated with lower gray matter volume: implications for memory performance. <i>Neurobiology of Aging</i> , 2016, 40, 1-10.	1.5	84
140	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
141	Activated Ask1-MKK4-p38MAPK/JNK Stress Signaling Pathway in Human Omental Fat Tissue May Link Macrophage Infiltration to Whole-Body Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 2507-2515.	1.8	83
142	Genomewide meta-analysis identifies loci associated with IGF and IGFBP levels with impact on age-related traits. <i>Aging Cell</i> , 2016, 15, 811-824.	3.0	83
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	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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145	Relationships Among Age, Proinsulin Conversion, and β -Cell Function in Nondiabetic Humans. <i>Diabetes</i> , 2002, 51, S234-S239.	0.3	79
146	Association of High Serum Ferritin Concentration with Glucose Intolerance and Insulin Resistance in Healthy People. <i>Annals of Internal Medicine</i> , 2003, 139, 869.	2.0	79
147	Serum levels of the adipokine visfatin are increased in pre-eclampsia. <i>Clinical Endocrinology</i> , 2008, 69, 69-73.	1.2	78
148	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
149	Serum levels of the adipokine chemerin are increased in preeclampsia during and 6 months after pregnancy. <i>Regulatory Peptides</i> , 2011, 168, 69-72.	1.9	77
150	Serum levels of irisin in gestational diabetes mellitus during pregnancy and after delivery. <i>Cytokine</i> , 2014, 65, 153-158.	1.4	75
151	Serum Levels of Adipokine Retinol-Binding Protein-4 in Relation to Renal Function. <i>Diabetes Care</i> , 2007, 30, 2588-2592.	4.3	74
152	Genetic and functional identification of the likely causative variant for cholesterol gallstone disease at the <i>ABCG5/8</i> lithogenic locus. <i>Hepatology</i> , 2013, 57, 2407-2417.	3.6	74
153	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	5.8	74
154	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
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