

Kirsi H Pietiläinen

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

19,652
citations

22548

61
h-index

14012

133
g-index

222
all docs

222
docs citations

222
times ranked

33823
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838.	13.7	1,789
3	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
4	Genome-Wide Association Analysis Identifies Variants Associated with Nonalcoholic Fatty Liver Disease That Have Distinct Effects on Metabolic Traits. <i>PLoS Genetics</i> , 2011, 7, e1001324.	1.5	796
5	Genome-wide association study identifies multiple loci influencing human serum metabolite levels. <i>Nature Genetics</i> , 2012, 44, 269-276.	9.4	516
6	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , 2011, 43, 1131-1138.	9.4	501
7	Liver Fat in the Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3490-3497.	1.8	386
8	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011, 43, 1082-1090.	9.4	367
9	Acquired Obesity Is Associated with Changes in the Serum Lipidomic Profile Independent of Genetic Effects – A Monozygotic Twin Study. <i>PLoS ONE</i> , 2007, 2, e218.	1.1	356
10	FGF-21 as a biomarker for muscle-manifesting mitochondrial respiratory chain deficiencies: a diagnostic study. <i>Lancet Neurology</i> , The, 2011, 10, 806-818.	4.9	352
11	Bacterial Endotoxin Activity in Human Serum Is Associated With Dyslipidemia, Insulin Resistance, Obesity, and Chronic Inflammation. <i>Diabetes Care</i> , 2011, 34, 1809-1815.	4.3	339
12	An Integrated Understanding of the Rapid Metabolic Benefits of a Carbohydrate-Restricted Diet on Hepatic Steatosis in Humans. <i>Cell Metabolism</i> , 2018, 27, 559-571.e5.	7.2	321
13	Metabolic Signatures of Adiposity in Young Adults: Mendelian Randomization Analysis and Effects of Weight Change. <i>PLoS Medicine</i> , 2014, 11, e1001765.	3.9	271
14	Global Transcript Profiles of Fat in Monozygotic Twins Discordant for BMI: Pathways behind Acquired Obesity. <i>PLoS Medicine</i> , 2008, 5, e51.	3.9	265
15	Physical Inactivity and Obesity: A Vicious Circle. <i>Obesity</i> , 2008, 16, 409-414.	1.5	264
16	Impaired Mitochondrial Biogenesis in Adipose Tissue in Acquired Obesity. <i>Diabetes</i> , 2015, 64, 3135-3145.	0.3	263
17	Sex Differences in Heritability of BMI: A Comparative Study of Results from Twin Studies in Eight Countries. <i>Twin Research and Human Genetics</i> , 2003, 6, 409-421.	1.5	250
18	Mitochondrial myopathy induces a starvation-like response. <i>Human Molecular Genetics</i> , 2010, 19, 3948-3958.	1.4	249

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19	Efficacy and safety of dapagliflozin in patients with inadequately controlled type 1 diabetes (DEPICT-1): 24 week results from a multicentre, double-blind, phase 3, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 864-876.	5.5	244
20	Daily energy expenditure through the human life course. <i>Science</i> , 2021, 373, 808-812.	6.0	234
21	Blunted metabolic responses to cold and insulin stimulation in brown adipose tissue of obese humans. <i>Obesity</i> , 2013, 21, 2279-2287.	1.5	217
22	Association of Lipidome Remodeling in the Adipocyte Membrane with Acquired Obesity in Humans. <i>PLoS Biology</i> , 2011, 9, e1000623.	2.6	213
23	Overexpression of 11 β -Hydroxysteroid Dehydrogenase-1 in Adipose Tissue Is Associated with Acquired Obesity and Features of Insulin Resistance: Studies in Young Adult Monozygotic Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 4414-4421.	1.8	207
24	Efficacy and Safety of Dapagliflozin in Patients With Inadequately Controlled Type 1 Diabetes: The DEPICT-1 52-Week Study. <i>Diabetes Care</i> , 2018, 41, 2552-2559.	4.3	177
25	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	13.7	173
26	Notum produced by Paneth cells attenuates regeneration of aged intestinal epithelium. <i>Nature</i> , 2019, 571, 398-402.	13.7	166
27	Niacin Cures Systemic NAD ⁺ Deficiency and Improves Muscle Performance in Adult-Onset Mitochondrial Myopathy. <i>Cell Metabolism</i> , 2020, 31, 1078-1090.e5.	7.2	154
28	Metabolically healthy and unhealthy obese – the 2013 Stockholm conference report. <i>Obesity Reviews</i> , 2014, 15, 697-708.	3.1	149
29	Does dieting make you fat? A twin study. <i>International Journal of Obesity</i> , 2012, 36, 456-464.	1.6	143
30	Distribution and heritability of BMI in Finnish adolescents aged 16 years and 17 years: A study of 4884 twins and 2509 singletons. <i>International Journal of Obesity</i> , 1999, 23, 107-115.	1.6	142
31	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014, 46, 669-677.	9.4	131
32	Tracking of Body Size from Birth to Late Adolescence: Contributions of Birth Length, Birth Weight, Duration of Gestation, Parents' Body Size, and Twinship. <i>American Journal of Epidemiology</i> , 2001, 154, 21-29.	1.6	129
33	Physical activity reduces the influence of genetic effects on BMI and waist circumference: a study in young adult twins. <i>International Journal of Obesity</i> , 2009, 33, 29-36.	1.6	127
34	The Concordance and Heritability of Type 2 Diabetes in 34,166 Twin Pairs From International Twin Registers: The Discordant Twin (DISCOTWIN) Consortium. <i>Twin Research and Human Genetics</i> , 2015, 18, 762-771.	0.3	125
35	Genetic factors contribute to variation in serum alanine aminotransferase activity independent of obesity and alcohol: A study in monozygotic and dizygotic twins. <i>Journal of Hepatology</i> , 2009, 50, 1035-1042.	1.8	124
36	Obesity Is Associated With Low NAD ⁺ /SIRT Pathway Expression in Adipose Tissue of BMI-Discordant Monozygotic Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 275-283.	1.8	120

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37	Men and women respond differently to rapid weight loss: Metabolic outcomes of a multi-centre intervention study after a low-energy diet in 2500 overweight, individuals with pre-diabetes (PREVIEW). <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2840-2851.	2.2	120
38	Characterising metabolically healthy obesity in weight-discordant monozygotic twins. <i>Diabetologia</i> , 2014, 57, 167-176.	2.9	118
39	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. <i>American Journal of Human Genetics</i> , 2020, 106, 389-404.	2.6	118
40	White adipose tissue mitochondrial metabolism in health and in obesity. <i>Obesity Reviews</i> , 2020, 21, e12958.	3.1	111
41	Habitual Dietary Intake Is Associated with Stool Microbiota Composition in Monozygotic Twins. <i>Journal of Nutrition</i> , 2013, 143, 417-423.	1.3	110
42	Smoking induces coordinated DNA methylation and gene expression changes in adipose tissue with consequences for metabolic health. <i>Clinical Epigenetics</i> , 2018, 10, 126.	1.8	110
43	Differences in genetic and environmental variation in adult BMI by sex, age, time period, and region: an individual-based pooled analysis of 40 twin cohorts. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 457-466.	2.2	107
44	Predictors of abdominal obesity among 31-y-old men and women born in Northern Finland in 1966. <i>European Journal of Clinical Nutrition</i> , 2004, 58, 180-190.	1.3	106
45	Telomere length in circulating leukocytes is associated with lung function and disease. <i>European Respiratory Journal</i> , 2014, 43, 983-992.	3.1	103
46	Increased coagulation factor VIII, IX, XI and XII activities in non-alcoholic fatty liver disease. <i>Liver International</i> , 2011, 31, 176-183.	1.9	95
47	Adverse effects of fructose on cardiometabolic risk factors and hepatic lipid metabolism in subjects with abdominal obesity. <i>Journal of Internal Medicine</i> , 2017, 282, 187-201.	2.7	89
48	Genetic and environmental contributions to food use patterns of young adult twins. <i>Physiology and Behavior</i> , 2008, 93, 235-242.	1.0	84
49	Adipocyte morphology and implications for metabolic derangements in acquired obesity. <i>International Journal of Obesity</i> , 2014, 38, 1423-1431.	1.6	83
50	Acquired obesity is associated with increased liver fat, intra-abdominal fat, and insulin resistance in young adult monozygotic twins. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E768-E774.	1.8	78
51	Leisure-time physical activity and high-risk fat: a longitudinal population-based twin study. <i>International Journal of Obesity</i> , 2009, 33, 1211-1218.	1.6	78
52	Adipose tissue NAD ⁺ -homeostasis, sirtuins and poly(ADP-ribose) polymerases -important players in mitochondrial metabolism and metabolic health. <i>Redox Biology</i> , 2017, 12, 246-263.	3.9	78
53	Liraglutide treatment improves postprandial lipid metabolism and cardiometabolic risk factors in humans with adequately controlled type 2 diabetes: A single-centre randomized controlled study. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 84-94.	2.2	78
54	Expression of fatty-acid-handling proteins in human adipose tissue in relation to obesity and insulin resistance. <i>Diabetologia</i> , 2004, 47, 1118-25.	2.9	76

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55	Genetic variation in the ADIPOR2 gene is associated with liver fat content and its surrogate markers in three independent cohorts. <i>European Journal of Endocrinology</i> , 2009, 160, 593-602.	1.9	76
56	Inaccuracies in food and physical activity diaries of obese subjects: complementary evidence from doubly labeled water and co-twin assessments. <i>International Journal of Obesity</i> , 2010, 34, 437-445.	1.6	76
57	Once-weekly cagrilintide for weight management in people with overweight and obesity: a multicentre, randomised, double-blind, placebo-controlled and active-controlled, dose-finding phase 2 trial. <i>Lancet, The</i> , 2021, 398, 2160-2172.	6.3	74
58	Genome-wide blood DNA methylation alterations at regulatory elements and heterochromatic regions in monozygotic twins discordant for obesity and liver fat. <i>Clinical Epigenetics</i> , 2015, 7, 39.	1.8	71
59	Agreement of bioelectrical impedance with dual-energy X-ray absorptiometry and MRI to estimate changes in body fat, skeletal muscle and visceral fat during a 12-month weight loss intervention. <i>British Journal of Nutrition</i> , 2013, 109, 1910-1916.	1.2	70
60	Causes and consequences of obesity: the contribution of recent twin studies. <i>International Journal of Obesity</i> , 2012, 36, 1017-1024.	1.6	68
61	Acquired obesity and poor physical fitness impair expression of genes of mitochondrial oxidative phosphorylation in monozygotic twins discordant for obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E148-E154.	1.8	67
62	Association of Smoking in Adolescence With Abdominal Obesity in Adulthood: A Follow-Up Study of 5 Birth Cohorts of Finnish Twins. <i>American Journal of Public Health</i> , 2009, 99, 348-354.	1.5	67
63	Genetic and Environmental Influences on the Tracking of Body Size from Birth to Early Adulthood. <i>Obesity</i> , 2002, 10, 875-884.	4.0	65
64	Acquired Obesity Increases CD68 and Tumor Necrosis Factor- α and Decreases Adiponectin Gene Expression in Adipose Tissue: A Study in Monozygotic Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 2776-2781.	1.8	65
65	Age- and Sex-Specific Causal Effects of Adiposity on Cardiovascular Risk Factors. <i>Diabetes</i> , 2015, 64, 1841-1852.	0.3	63
66	Energy compensation and adiposity in humans. <i>Current Biology</i> , 2021, 31, 4659-4666.e2.	1.8	63
67	Use of Genome-Wide Expression Data to Mine the "eGray Zone" of GWA Studies Leads to Novel Candidate Obesity Genes. <i>PLoS Genetics</i> , 2010, 6, e1000976.	1.5	62
68	A standard calculation methodology for human doubly labeled water studies. <i>Cell Reports Medicine</i> , 2021, 2, 100203.	3.3	62
69	Genetic and environmental factors in relative weight from birth to age 18: The Swedish Young Male Twins Study. <i>International Journal of Obesity</i> , 2007, 31, 615-621.	1.6	60
70	Growth Patterns in Young Adult Monozygotic Twin Pairs Discordant and Concordant for Obesity. <i>Twin Research and Human Genetics</i> , 2004, 7, 421-429.	1.5	60
71	Suppressed Bone Turnover in Obesity: A Link to Energy Metabolism? A Case-Control Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2155-2163.	1.8	59
72	DNA methylation and gene expression patterns in adipose tissue differ significantly within young adult monozygotic BMI-discordant twin pairs. <i>International Journal of Obesity</i> , 2016, 40, 654-661.	1.6	59

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73	Comparison of the Relative Contributions of Intra-Abdominal and Liver Fat to Components of the Metabolic Syndrome. <i>Obesity</i> , 2011, 19, 23-28.	1.5	58
74	The <sc>PREVIEW</sc> intervention study: Results from a 3-year randomized 2 x 2 factorial multinational trial investigating the role of protein, glycaemic index and physical activity for prevention of type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 324-337.	2.2	58
75	Eating styles, overweight and obesity in young adult twins. <i>European Journal of Clinical Nutrition</i> , 2007, 61, 822-829.	1.3	57
76	Weight Loss Is Associated With Increased NAD ⁺ /SIRT1 Expression But Reduced PARP Activity in White Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1263-1273.	1.8	57
77	Modified Atkins diet induces subacute selective ragged- α fiber lysis in mitochondrial myopathy patients. <i>EMBO Molecular Medicine</i> , 2016, 8, 1234-1247.	3.3	56
78	Quantitative profiling of bile acids in blood, adipose tissue, intestine, and gall bladder samples using ultra high performance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7799-7815.	1.9	55
79	Abdominal obesity and circulating metabolites: A twin study approach. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 111-121.	1.5	55
80	Mitochondria-related transcriptional signature is downregulated in adipocytes in obesity: a study of young healthy MZ twins. <i>Diabetologia</i> , 2017, 60, 169-181.	2.9	55
81	Bile Reflux is a Common Finding in the Gastric Pouch After One Anastomosis Gastric Bypass. <i>Obesity Surgery</i> , 2020, 30, 875-881.	1.1	55
82	Does parity affect mortality among parous women?. <i>Journal of Epidemiology and Community Health</i> , 2006, 60, 968-973.	2.0	54
83	Modification effects of physical activity and protein intake on heritability of body size and composition. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1096-1103.	2.2	54
84	Metabolomes of mitochondrial diseases and inclusion body myositis patients: treatment targets and biomarkers. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	54
85	An investigation into the relationship between soft tissue body composition and bone mineral density in a young adult twin sample. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 79-87.	3.1	53
86	Liver Fat But Not Other Adiposity Measures Influence Circulating FGF21 Levels in Healthy Young Adult Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E351-E355.	1.8	53
87	GLP-1 Responses Are Heritable and Blunted in Acquired Obesity With High Liver Fat and Insulin Resistance. <i>Diabetes Care</i> , 2014, 37, 242-251.	4.3	53
88	Serum angiopoietin-like 4 protein levels and expression in adipose tissue are inversely correlated with obesity in monozygotic twins. <i>Journal of Lipid Research</i> , 2011, 52, 1575-1582.	2.0	52
89	Evidence that BMI and type 2 diabetes share only a minor fraction of genetic variance: a follow-up study of 23,585 monozygotic and dizygotic twins from the Finnish Twin Cohort Study. <i>Diabetologia</i> , 2010, 53, 1314-1321.	2.9	51
90	Obesity-Related Derangements of Coagulation and Fibrinolysis: A Study of Obesity-Discordant Monozygotic Twin Pairs. <i>Obesity</i> , 2012, 20, 88-94.	1.5	51

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91	Genetic regulation of growth from birth to 18 years of age: The Swedish young male twins study. <i>American Journal of Human Biology</i> , 2008, 20, 292-298.	0.8	50
92	A Genome-Wide Association Study of Monozygotic Twin-Pairs Suggests a Locus Related to Variability of Serum High-Density Lipoprotein Cholesterol. <i>Twin Research and Human Genetics</i> , 2012, 15, 691-699.	0.3	50
93	Epigenome-wide association study of lung function level and its change. <i>European Respiratory Journal</i> , 2019, 54, 1900457.	3.1	49
94	Association of <scp>MMP</scp>â€¸ with obesity, smoking and insulin resistance. <i>European Journal of Clinical Investigation</i> , 2016, 46, 757-765.	1.7	45
95	Intentional Weight Loss in Young Adults: Sexâ€¸specific Genetic and Environmental Effects. <i>Obesity</i> , 2005, 13, 745-753.	4.0	42
96	The mitochondrial protein Opa1 promotes adipocyte browning that is dependent on urea cycle metabolites. <i>Nature Metabolism</i> , 2021, 3, 1633-1647.	5.1	42
97	Diet, obesity, and metabolic control in girls with insulin dependent diabetes mellitus.. <i>Archives of Disease in Childhood</i> , 1995, 73, 398-402.	1.0	39
98	Epicardial Fat, Cardiac Dimensions, and Low-Grade Inflammation in Young Adult Monozygotic Twins Discordant for Obesity. <i>American Journal of Cardiology</i> , 2012, 109, 1295-1302.	0.7	39
99	Association of body mass index with arterial stiffness and blood pressure components: A twin study. <i>Atherosclerosis</i> , 2013, 229, 388-395.	0.4	39
100	Upregulation of Early and Downregulation of Terminal Pathway Complement Genes in Subcutaneous Adipose Tissue and Adipocytes in Acquired Obesity. <i>Frontiers in Immunology</i> , 2017, 8, 545.	2.2	39
101	Role of apolipoprotein Câ€¸ overproduction in diabetic dyslipidaemia. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1861-1870.	2.2	39
102	FinnTwin16: A Longitudinal Study from Age 16 of a Population-Based Finnish Twin Cohort. <i>Twin Research and Human Genetics</i> , 2019, 22, 530-539.	0.3	39
103	No association between body size at birth and leucocyte telomere length in adult life--evidence from three cohort studies. <i>International Journal of Epidemiology</i> , 2012, 41, 1400-1408.	0.9	38
104	Association between habitual dietary intake and lipoprotein subclass profile in healthy young adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 1071-1078.	1.1	38
105	Effects of 32-Year Leisure Time Physical Activity Discordance in Twin Pairs on Health (TWINACTIVE) Tj ETQq1 1 0.784314 rgBT /Overlob 108-117.	0.3	36
106	Serotonin transporter binding and acquired obesity â€¸ An imaging study of monozygotic twin pairs. <i>Physiology and Behavior</i> , 2008, 93, 724-732.	1.0	35
107	HDL Subspecies in Young Adult Twins: Heritability and Impact of Overweight. <i>Obesity</i> , 2009, 17, 1208-1214.	1.5	34
108	17Î²-Estradiol and Estradiol Fatty Acyl Esters and Estrogen-Converting Enzyme Expression in Adipose Tissue in Obese Men and Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4923-4931.	1.8	34

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109	RIPK1 gene variants associate with obesity in humans and can be therapeutically silenced to reduce obesity in mice. <i>Nature Metabolism</i> , 2020, 2, 1113-1125.	5.1	34
110	Adipose Co-expression networks across Finns and Mexicans identify novel triglyceride-associated genes. <i>BMC Medical Genomics</i> , 2012, 5, 61.	0.7	33
111	Is preoperative gastroscopy necessary before sleeve gastrectomy and Roux-en-Y gastric bypass?. <i>Surgery for Obesity and Related Diseases</i> , 2018, 14, 757-762.	1.0	32
112	Subcutaneous adipose tissue gene expression and DNA methylation respond to both short- and long-term weight loss. <i>International Journal of Obesity</i> , 2018, 42, 412-423.	1.6	32
113	Associations between sports participation, cardiorespiratory fitness, and adiposity in young adult twins. <i>Journal of Applied Physiology</i> , 2011, 110, 681-686.	1.2	31
114	Impact of a very low-energy diet on the fecal microbiota of obese individuals. <i>European Journal of Nutrition</i> , 2014, 53, 1421-1429.	1.8	31
115	Gene expression profile of subcutaneous adipose tissue in BMI-discordant monozygotic twin pairs unravels molecular and clinical changes associated with sub-types of obesity. <i>International Journal of Obesity</i> , 2017, 41, 1176-1184.	1.6	31
116	Molecular pathways behind acquired obesity: Adipose tissue and skeletal muscle multiomics in monozygotic twin pairs discordant for BMI. <i>Cell Reports Medicine</i> , 2021, 2, 100226.	3.3	31
117	Metabolome and fecal microbiota in monozygotic twin pairs discordant for weight: a Big Mac challenge. <i>FASEB Journal</i> , 2014, 28, 4169-4179.	0.2	30
118	The causal effect of obesity on prediabetes and insulin resistance reveals the important role of adipose tissue in insulin resistance. <i>PLoS Genetics</i> , 2020, 16, e1009018.	1.5	29
119	Effects of Acquired Obesity on Endothelial Function in Monozygotic Twins. <i>Obesity</i> , 2006, 14, 826-837.	1.5	28
120	Taking small steps towards targets - perspectives for clinical practice in diabetes, cardiometabolic disorders and beyond. <i>International Journal of Clinical Practice</i> , 2013, 67, 322-332.	0.8	28
121	Impact of proprotein convertase subtilisin/kexin type 9 inhibition with evolocumab on the postprandial responses of triglyceride-rich lipoproteins in type II diabetic subjects. <i>Journal of Clinical Lipidology</i> , 2020, 14, 77-87.	0.6	26
122	Genetic architecture of circulating lipid levels. <i>European Journal of Human Genetics</i> , 2011, 19, 813-819.	1.4	23
123	Association of adiponectin and leptin with relative telomere length in seven independent cohorts including 11,448 participants. <i>European Journal of Epidemiology</i> , 2014, 29, 629-638.	2.5	23
124	Globular adiponectin and its downstream target genes are up-regulated locally in human colorectal tumors: ex vivo and in vitro studies. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 672-681.	1.5	23
125	Identification of TBX15 as an adipose master trans regulator of abdominal obesity genes. <i>Genome Medicine</i> , 2021, 13, 123.	3.6	23
126	Genetic Influences on Physical Activity in Young Adults. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1293-1301.	0.2	22

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127	Association between birthweight and later body mass index: an individual-based pooled analysis of 27 twin cohorts participating in the CODATwins project. <i>International Journal of Epidemiology</i> , 2017, 46, 1488-1498.	0.9	22
128	Physical activity and fat-free mass during growth and in later life. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1583-1589.	2.2	22
129	Birth size and gestational age in opposite-sex twins as compared to same-sex twins: An individual-based pooled analysis of 21 cohorts. <i>Scientific Reports</i> , 2018, 8, 6300.	1.6	21
130	The Effect of Alcohol Consumption on Later Obesity in Early Adulthood – A Population-based Longitudinal Study. <i>Alcohol and Alcoholism</i> , 2010, 45, 173-179.	0.9	20
131	Associations between birth size and later height from infancy through adulthood: An individual based pooled analysis of 28 twin cohorts participating in the CODATwins project. <i>Early Human Development</i> , 2018, 120, 53-60.	0.8	20
132	Transglutaminases and Obesity in Humans: Association of F13A1 to Adipocyte Hypertrophy and Adipose Tissue Immune Response. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8289.	1.8	20
133	Effects of liraglutide on the metabolism of triglyceride-rich lipoproteins in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1191-1201.	2.2	20
134	Dietary omega-3 polyunsaturated fatty acid intake is related to a protective high-density lipoprotein subspecies profile independent of genetic effects: A monozygotic twin pair study. <i>Atherosclerosis</i> , 2011, 219, 880-886.	0.4	19
135	Minor Contribution of Endogenous GLP-1 and GLP-2 to Postprandial Lipemia in Obese Men. <i>PLoS ONE</i> , 2016, 11, e0145890.	1.1	19
136	Adipose tissue mitochondrial capacity associates with long-term weight loss success. <i>International Journal of Obesity</i> , 2018, 42, 817-825.	1.6	19
137	Genetic and environmental factors affecting birth size variation: a pooled individual-based analysis of secular trends and global geographical differences using 26 twin cohorts. <i>International Journal of Epidemiology</i> , 2018, 47, 1195-1206.	0.9	19
138	Fructose intervention for 12 weeks does not impair glycemic control or incretin hormone responses during oral glucose or mixed meal tests in obese men. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, 534-542.	1.1	18
139	Development of a Food-Based Diet Quality Score from a Short FFQ and Associations with Obesity Measures, Eating Styles and Nutrient Intakes in Finnish Twins. <i>Nutrients</i> , 2019, 11, 2561.	1.7	18
140	Circulating Anti-Müllerian Hormone Levels in Adult Men Are under a Strong Genetic Influence. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E161-E164.	1.8	17
141	Genetic and Environmental Factors Influencing BMI Development from Adolescence to Young Adulthood. <i>Behavior Genetics</i> , 2012, 42, 73-85.	1.4	16
142	Biotin-dependent functions in adiposity: a study of monozygotic twin pairs. <i>International Journal of Obesity</i> , 2016, 40, 788-795.	1.6	16
143	PREVIEW study—influence of a behavior modification intervention (PREMIT) in over 2300 people with pre-diabetes: intention, self-efficacy and outcome expectancies during the early phase of a lifestyle intervention. <i>Psychology Research and Behavior Management</i> , 2018, Volume 11, 383-394.	1.3	16
144	A randomized controlled trial on the effects of combined aerobic-resistance exercise on muscle strength and fatigue, glycemic control and health-related quality of life of type 2 diabetes patients. <i>Journal of Sports Medicine and Physical Fitness</i> , 2016, 56, 572-8.	0.4	16

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145	Improving the Accuracy of Self-Reports on Diet and Physical Exercise: The Co-Twin Control Method. <i>Twin Research and Human Genetics</i> , 2009, 12, 531-540.	0.3	15
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147	Blood and skeletal muscle ageing determined by epigenetic clocks and their associations with physical activity and functioning. <i>Clinical Epigenetics</i> , 2021, 13, 110.	1.8	15
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