

Kirsi H Pietiläinen

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

19,652
citations

18482

62
h-index

12272

133
g-index

222
all docs

222
docs citations

222
times ranked

30902
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.	21.4	2,634
2	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838.	27.8	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.	21.4	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.	3.5	796
5	Genome-wide association study identifies multiple loci influencing human serum metabolite levels. <i>Nature Genetics</i> , 2012, 44, 269-276.	21.4	516
6	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , 2011, 43, 1131-1138.	21.4	501
7	Liver Fat in the Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3490-3497.	3.6	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.	21.4	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.	2.5	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.	10.2	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.	8.6	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.	16.2	321
13	Metabolic Signatures of Adiposity in Young Adults: Mendelian Randomization Analysis and Effects of Weight Change. <i>PLoS Medicine</i> , 2014, 11, e1001765.	8.4	271
14	Global Transcript Profiles of Fat in Monozygotic Twins Discordant for BMI: Pathways behind Acquired Obesity. <i>PLoS Medicine</i> , 2008, 5, e51.	8.4	265
15	Physical Inactivity and Obesity: A Vicious Circle. <i>Obesity</i> , 2008, 16, 409-414.	3.0	264
16	Impaired Mitochondrial Biogenesis in Adipose Tissue in Acquired Obesity. <i>Diabetes</i> , 2015, 64, 3135-3145.	0.6	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.	1.0	250
18	Mitochondrial myopathy induces a starvation-like response. <i>Human Molecular Genetics</i> , 2010, 19, 3948-3958.	2.9	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.	11.4	244
20	Daily energy expenditure through the human life course. <i>Science</i> , 2021, 373, 808-812.	12.6	234
21	Blunted metabolic responses to cold and insulin stimulation in brown adipose tissue of obese humans. <i>Obesity</i> , 2013, 21, 2279-2287.	3.0	217
22	Association of Lipidome Remodeling in the Adipocyte Membrane with Acquired Obesity in Humans. <i>PLoS Biology</i> , 2011, 9, e1000623.	5.6	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.	3.6	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.	8.6	177
25	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	27.8	173
26	Notum produced by Paneth cells attenuates regeneration of aged intestinal epithelium. <i>Nature</i> , 2019, 571, 398-402.	27.8	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.	16.2	154
28	Metabolically healthy and unhealthy obese – the 2013 Stockholm Conference report. <i>Obesity Reviews</i> , 2014, 15, 697-708.	6.5	149
29	Does dieting make you fat? A twin study. <i>International Journal of Obesity</i> , 2012, 36, 456-464.	3.4	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.	3.4	142
31	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014, 46, 669-677.	21.4	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.	3.4	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.	3.4	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.	0.6	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.	3.7	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.	3.6	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.	4.4	120
38	Characterising metabolically healthy obesity in weight-discordant monozygotic twins. <i>Diabetologia</i> , 2014, 57, 167-176.	6.3	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.	6.2	118
40	White adipose tissue mitochondrial metabolism in health and in obesity. <i>Obesity Reviews</i> , 2020, 21, e12958.	6.5	111
41	Habitual Dietary Intake Is Associated with Stool Microbiota Composition in Monozygotic Twins. <i>Journal of Nutrition</i> , 2013, 143, 417-423.	2.9	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.	4.1	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.	4.7	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.	2.9	106
45	Telomere length in circulating leukocytes is associated with lung function and disease. <i>European Respiratory Journal</i> , 2014, 43, 983-992.	6.7	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.	3.9	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.	6.0	89
48	Genetic and environmental contributions to food use patterns of young adult twins. <i>Physiology and Behavior</i> , 2008, 93, 235-242.	2.1	84
49	Adipocyte morphology and implications for metabolic derangements in acquired obesity. <i>International Journal of Obesity</i> , 2014, 38, 1423-1431.	3.4	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.	3.5	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.	3.4	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.	9.0	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.	4.4	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.	6.3	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.	3.7	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.	3.4	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.	13.7	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.	4.1	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.	2.3	70
60	Causes and consequences of obesity: the contribution of recent twin studies. <i>International Journal of Obesity</i> , 2012, 36, 1017-1024.	3.4	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.	3.5	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.	2.7	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.	3.6	65
65	Age- and Sex-Specific Causal Effects of Adiposity on Cardiovascular Risk Factors. <i>Diabetes</i> , 2015, 64, 1841-1852.	0.6	63
66	Energy compensation and adiposity in humans. <i>Current Biology</i> , 2021, 31, 4659-4666.e2.	3.9	63
67	Use of Genome-Wide Expression Data to Mine the "Gray Zone" of GWA Studies Leads to Novel Candidate Obesity Genes. <i>PLoS Genetics</i> , 2010, 6, e1000976.	3.5	62
68	A standard calculation methodology for human doubly labeled water studies. <i>Cell Reports Medicine</i> , 2021, 2, 100203.	6.5	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.	3.4	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.	1.0	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.	3.6	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.	3.4	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.	3.0	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.	4.4	58
75	Eating styles, overweight and obesity in young adult twins. <i>European Journal of Clinical Nutrition</i> , 2007, 61, 822-829.	2.9	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.	3.6	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.	6.9	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.	3.7	55
79	Abdominal obesity and circulating metabolites: A twin study approach. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 111-121.	3.4	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.	6.3	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.	2.1	55
82	Does parity affect mortality among parous women?. <i>Journal of Epidemiology and Community Health</i> , 2006, 60, 968-973.	3.7	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.	4.7	54
84	Metabolomes of mitochondrial diseases and inclusion body myositis patients: treatment targets and biomarkers. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	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.	2.8	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.	3.6	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.	8.6	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.	4.2	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.	6.3	51
90	Obesity-Related Derangements of Coagulation and Fibrinolysis: A Study of Obesity-Discordant Monozygotic Twin Pairs. <i>Obesity</i> , 2012, 20, 88-94.	3.0	51

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91	Genetic regulation of growth from birth to 18 years of age: The Swedish young male twins study. American Journal of Human Biology, 2008, 20, 292-298.	1.6	50
92	A Genome-Wide Association Study of Monozygotic Twin-Pairs Suggests a Locus Related to Variability of Serum High-Density Lipoprotein Cholesterol. Twin Research and Human Genetics, 2012, 15, 691-699.	0.6	50
93	Epigenome-wide association study of lung function level and its change. European Respiratory Journal, 2019, 54, 1900457.	6.7	49
94	Association of <scp>MMP</scp>â€¸ with obesity, smoking and insulin resistance. European Journal of Clinical Investigation, 2016, 46, 757-765.	3.4	45
95	Intentional Weight Loss in Young Adults: Sexâ€¸specific Genetic and Environmental Effects. Obesity, 2005, 13, 745-753.	4.0	42
96	The mitochondrial protein Opa1 promotes adipocyte browning that is dependent on urea cycle metabolites. Nature Metabolism, 2021, 3, 1633-1647.	11.9	42
97	Diet, obesity, and metabolic control in girls with insulin dependent diabetes mellitus.. Archives of Disease in Childhood, 1995, 73, 398-402.	1.9	39
98	Epicardial Fat, Cardiac Dimensions, and Low-Grade Inflammation in Young Adult Monozygotic Twins Discordant for Obesity. American Journal of Cardiology, 2012, 109, 1295-1302.	1.6	39
99	Association of body mass index with arterial stiffness and blood pressure components: A twin study. Atherosclerosis, 2013, 229, 388-395.	0.8	39
100	Upregulation of Early and Downregulation of Terminal Pathway Complement Genes in Subcutaneous Adipose Tissue and Adipocytes in Acquired Obesity. Frontiers in Immunology, 2017, 8, 545.	4.8	39
101	Role of apolipoprotein Câ€¸III overproduction in diabetic dyslipidaemia. Diabetes, Obesity and Metabolism, 2019, 21, 1861-1870.	4.4	39
102	FinnTwin16: A Longitudinal Study from Age 16 of a Population-Based Finnish Twin Cohort. Twin Research and Human Genetics, 2019, 22, 530-539.	0.6	39
103	No association between body size at birth and leucocyte telomere length in adult life--evidence from three cohort studies. International Journal of Epidemiology, 2012, 41, 1400-1408.	1.9	38
104	Association between habitual dietary intake and lipoprotein subclass profile in healthy young adults. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 1071-1078.	2.6	38
105	Effects of 32-Year Leisure Time Physical Activity Discordance in Twin Pairs on Health (TWINACTIVE) Tj ETQq1 1 0.784314 rgBT /Overlock 108-117.	0.6	36
106	Serotonin transporter binding and acquired obesity â€¸ An imaging study of monozygotic twin pairs. Physiology and Behavior, 2008, 93, 724-732.	2.1	35
107	HDL Subspecies in Young Adult Twins: Heritability and Impact of Overweight. Obesity, 2009, 17, 1208-1214.	3.0	34
108	17Î²-Estradiol and Estradiol Fatty Acyl Esters and Estrogen-Converting Enzyme Expression in Adipose Tissue in Obese Men and Women. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 4923-4931.	3.6	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.	11.9	34
110	Adipose Co-expression networks across Finns and Mexicans identify novel triglyceride-associated genes. <i>BMC Medical Genomics</i> , 2012, 5, 61.	1.5	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.	1.2	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.	3.4	32
113	Associations between sports participation, cardiorespiratory fitness, and adiposity in young adult twins. <i>Journal of Applied Physiology</i> , 2011, 110, 681-686.	2.5	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.	3.9	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.	3.4	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.	6.5	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.	0.5	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.	3.5	29
119	Effects of Acquired Obesity on Endothelial Function in Monozygotic Twins. <i>Obesity</i> , 2006, 14, 826-837.	3.0	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.	1.7	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.	1.5	26
122	Genetic architecture of circulating lipid levels. <i>European Journal of Human Genetics</i> , 2011, 19, 813-819.	2.8	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.	5.7	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.	3.4	23
125	Identification of TBX15 as an adipose master trans regulator of abdominal obesity genes. <i>Genome Medicine</i> , 2021, 13, 123.	8.2	23
126	Genetic Influences on Physical Activity in Young Adults. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1293-1301.	0.4	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.	1.9	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.	4.7	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.	3.3	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.	1.6	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.	1.8	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.	4.1	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.	4.4	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.	0.8	19
135	Minor Contribution of Endogenous GLP-1 and GLP-2 to Postprandial Lipemia in Obese Men. <i>PLoS ONE</i> , 2016, 11, e0145890.	2.5	19
136	Adipose tissue mitochondrial capacity associates with long-term weight loss success. <i>International Journal of Obesity</i> , 2018, 42, 817-825.	3.4	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.	1.9	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.	2.6	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.	4.1	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.	3.6	17
141	Genetic and Environmental Factors Influencing BMI Development from Adolescence to Young Adulthood. <i>Behavior Genetics</i> , 2012, 42, 73-85.	2.1	16
142	Biotin-dependent functions in adiposity: a study of monozygotic twin pairs. <i>International Journal of Obesity</i> , 2016, 40, 788-795.	3.4	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.	2.8	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.	0.7	16

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145	Improving the Accuracy of Self-Reports on Diet and Physical Exercise: The Co-Twin Control Method. Twin Research and Human Genetics, 2009, 12, 531-540.	0.6	15
146	Metabolism of sex steroids is influenced by acquired adiposityâ€”A study of young adult male monozygotic twin pairs. Journal of Steroid Biochemistry and Molecular Biology, 2017, 172, 98-105.	2.5	15
147	Blood and skeletal muscle ageing determined by epigenetic clocks and their associations with physical activity and functioning. Clinical Epigenetics, 2021, 13, 110.	4.1	15
148	Evaluation of the effect of donor weight on adipose stromal/stem cell characteristics by using weight-discordant monozygotic twin pairs. Stem Cell Research and Therapy, 2021, 12, 516.	5.5	15
149	BMI is positively associated with accelerated epigenetic aging in twin pairs discordant for body mass index. Journal of Internal Medicine, 2022, 292, 627-640.	6.0	15
150	Plasma metabolites reveal distinct profiles associating with different metabolic risk factors in monozygotic twin pairs. International Journal of Obesity, 2019, 43, 487-502.	3.4	13
151	Short Sleep Duration and Later Overweight in Infants. Journal of Pediatrics, 2019, 212, 13-19.	1.8	13
152	F13A1 transglutaminase expression in human adipose tissue increases in acquired excess weight and associates with inflammatory status of adipocytes. International Journal of Obesity, 2021, 45, 577-587.	3.4	13
153	Differential Mitochondrial Gene Expression in Adipose Tissue Following Weight Loss Induced by Diet or Bariatric Surgery. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1312-1324.	3.6	13
154	Leisure-time physical activity and nutrition: a twin study. Public Health Nutrition, 2011, 14, 846-852.	2.2	12
155	Liver Fat and Insulin Sensitivity Define Metabolite Profiles During a Glucose Tolerance Test in Young Adult Twins. Journal of Clinical Endocrinology and Metabolism, 2016, 102, jc.2015-3512.	3.6	12
156	Physical activity, cardiorespiratory fitness, and metabolic outcomes in monozygotic twin pairs discordant for body mass index. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1048-1055.	2.9	12
157	Association of serotonin transporter promoter regulatory region polymorphism and cerebral activity to visual presentation of food. Clinical Physiology and Functional Imaging, 2008, 28, 270-276.	1.2	11
158	Persistence or change in leisureâ€”time physical activity habits and waist gain during early adulthood: A twinâ€”study. Obesity, 2014, 22, 2061-2070.	3.0	11
159	Cardiorespiratory Fitness and Adiposity as Determinants of Metabolic Healthâ€”Pooled Analysis of Two Twin Cohorts. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1520-1528.	3.6	11
160	Plasma Proteomics Analysis Reveals Dysregulation of Complement Proteins and Inflammation in Acquired Obesityâ€”A Study on Rare BMIâ€”Discordant Monozygotic Twin Pairs. Proteomics - Clinical Applications, 2019, 13, 1800173.	1.6	11
161	Association of Psychobehavioral Variables With HOMA-IR and BMI Differs for Men and Women With Prediabetes in the PREVIEW Lifestyle Intervention. Diabetes Care, 2021, 44, 1491-1498.	8.6	10
162	Twin Study of Heritability of Eating Bread in Danish and Finnish Men and Women. Twin Research and Human Genetics, 2010, 13, 163-167.	0.6	9

#	ARTICLE	IF	CITATIONS
163	Deep subcutaneous adipose tissue lipid unsaturation associates with intramyocellular lipid content. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 1230-1237.	3.4	9
164	Increased body fat mass and androgen metabolism – A twin study in healthy young women. <i>Steroids</i> , 2018, 140, 24-31.	1.8	9
165	Regional fat depot masses are influenced by protein-coding gene variants. <i>PLoS ONE</i> , 2019, 14, e0217644.	2.5	9
166	Engineered mesoporous silica reduces long-term blood glucose, HbA1c, and improves metabolic parameters in prediabetics. <i>Nanomedicine</i> , 2022, 17, 9-22.	3.3	9
167	Influence of Serotonin Transporter Gene Polymorphism (5-HTTLPR Polymorphism) on the Relation between Brain 5-HT Transporter Binding and Heart Rate Corrected Cardiac Repolarization Interval. <i>PLoS ONE</i> , 2013, 8, e50303.	2.5	8
168	Does the sex of one’s co-twin affect height and BMI in adulthood? A study of dizygotic adult twins from 31 cohorts. <i>Biology of Sex Differences</i> , 2017, 8, 14.	4.1	8
169	Mechanisms of early glucose regulation disturbance after out-of-hospital cardiopulmonary resuscitation: An explorative prospective study. <i>PLoS ONE</i> , 2019, 14, e0214209.	2.5	8
170	Prospective randomized controlled trial comparing the efficacy and safety of Roux-en-Y gastric bypass and one-anastomosis gastric bypass (the RYSA trial): trial protocol and interim analysis. <i>Trials</i> , 2019, 20, 803.	1.6	8
171	Associations of changes in reported and estimated protein and energy intake with changes in insulin resistance, glycated hemoglobin, and BMI during the PREVIEW lifestyle intervention study. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1847-1858.	4.7	8
172	Measuring short-term liver metabolism non-invasively: postprandial and post-exercise ¹ H and ³¹ P MR spectroscopy. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 57-66.	2.0	7
173	Eating Behaviors in Healthy Young Adult Twin Pairs Discordant for Body Mass Index. <i>Twin Research and Human Genetics</i> , 2019, 22, 220-228.	0.6	7
174	Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition. <i>Nature Communications</i> , 2022, 13, 99.	12.8	7
175	Matrisome alterations in obesity – Adipose tissue transcriptome study on monozygotic weight-discordant twins. <i>Matrix Biology</i> , 2022, 108, 1-19.	3.6	7
176	Acquired liver fat is a key determinant of serum lipid alterations in healthy monozygotic twins. <i>Obesity</i> , 2013, 21, 1815-1822.	3.0	6
177	Dietary n-6 to n-3 fatty acid ratio is related to liver fat content independent of genetic effects: Evidence from the monozygotic co-twin control design. <i>Clinical Nutrition</i> , 2020, 39, 2311-2314.	5.0	6
178	Effectiveness of a web-based real-life weight management program: Study design, methods, and participants’ baseline characteristics. <i>Contemporary Clinical Trials Communications</i> , 2020, 19, 100638.	1.1	6
179	Liver Fat, Adipose Tissue, and Body Composition Changes After Switching from a Protease Inhibitor or Efavirenz to Raltegravir. <i>AIDS Patient Care and STDs</i> , 2021, 35, 335-341.	2.5	6
180	mRNA expression of adipocytokines and glucocorticoid-related genes are associated with downregulation of E-cadherin mRNA in colorectal adenocarcinomas. <i>International Journal of Colorectal Disease</i> , 2012, 27, 1021-1027.	2.2	5

#	ARTICLE	IF	CITATIONS
181	Mitochondrial bioenergetic pathways in blood leukocyte transcriptome decrease after intensive weight loss but are rescued following weight regain in female physique athletes. <i>FASEB Journal</i> , 2021, 35, e21484.	0.5	5
182	Computational modelling of self-reported dietary carbohydrate intake on glucose concentrations in patients undergoing Roux-en-Y gastric bypass versus one-anastomosis gastric bypass. <i>Annals of Medicine</i> , 2021, 53, 1885-1895.	3.8	5
183	Does the Effect of a 3-Year Lifestyle Intervention on Body Weight and Cardiometabolic Health Differ by Prediabetes Metabolic Phenotype? A Post Hoc Analysis of the PREVIEW Study. <i>Diabetes Care</i> , 2022, 45, 2698-2708.	8.6	5
184	Cardiac repolarization and striatal dopamine transporter function are interrelated. <i>Nuclear Medicine Communications</i> , 2009, 30, 713-717.	1.1	4
185	An integrative machine learning approach to discovering multi-level molecular mechanisms of obesity using data from monozygotic twin pairs. <i>Royal Society Open Science</i> , 2020, 7, 200872.	2.4	4
186	The association of body mass index with quality of life and working ability: a Finnish population-based study. <i>Quality of Life Research</i> , 2022, 31, 413-423.	3.1	4
187	Weight Loss Trajectories in Healthy Weight Coaching: Cohort Study. <i>JMIR Formative Research</i> , 2022, 6, e26374.	1.4	4
188	Systemic cross-talk between brain, gut, and peripheral tissues in glucose homeostasis: effects of exercise training (CROSSYS). Exercise training intervention in monozygotic twins discordant for body weight. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2021, 13, 16.	1.7	3
189	Variants associated with HHIP expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , 2020, 5, 111.	1.8	3
190	Genome-Wide Association Study to Identify Common Variants Associated with Brachial Circumference: A Meta-Analysis of 14 Cohorts. <i>PLoS ONE</i> , 2012, 7, e31369.	2.5	3
191	Appraisal of Triglyceride-Related Markers as Early Predictors of Metabolic Outcomes in the PREVIEW Lifestyle Intervention: A Controlled Post-hoc Trial. <i>Frontiers in Nutrition</i> , 2021, 8, 733697.	3.7	2
192	Preventing White Adipocyte Browning during Differentiation In Vitro: The Effect of Differentiation Protocols on Metabolic and Mitochondrial Phenotypes. <i>Stem Cells International</i> , 2022, 2022, 1-21.	2.5	2
193	Abdominal adipose tissue and liver fat imaging in very low birth weight adults born preterm: birth cohort with sibling-controls. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
194	Body Size and Overweight From Birth to Adulthood. , 2006, , 95-107.		1
195	A higher glycemic response to oral glucose is associated with higher plasma apolipoprotein C3 independently of BMI in healthy twins. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 459-466.	2.6	1
196	Development of a food-based diet quality score and associations with eating styles and nutrient intakes in Finnish twins. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	1.0	1
197	Modified Atkins diet modifies cardiopulmonary exercise characteristics and promotes hyperventilation in healthy subjects. <i>Journal of Functional Foods</i> , 2021, 81, 104459.	3.4	1
198	Genetics and Epigenetics: Myths or Facts?. , 2014, , 103-108.		1

#	ARTICLE	IF	CITATIONS
199	Weight Loss and Branched Chain Amino Acids and Their Metabolites. , 2015, , 251-262.		1
200	Growth Patterns in Young Adult Monozygotic Twin Pairs Discordant and Concordant for Obesity. Twin Research and Human Genetics, 2004, 7, 421-429.	1.0	1
201	Long-range chromosomal interactions increase and mark repressed gene expression during adipogenesis. Epigenetics, 2022, 17, 1849-1862.	2.7	1
202	Quantification of visceral adiposity: evaluation of the body electrical loss analysis. Biomedical Physics and Engineering Express, 2018, 4, 025034.	1.2	0
203	19â€¦Mechanisms of early glucose regulation disturbance after out-of-hospital-cardiac arrest: an observational prospective study. , 2018, , .		0
204	Sleep and lifestyle in young adult monozygotic twin pairs discordant for body mass index. Sleep Health, 2021, 7, 556-564.	2.5	0
205	Title is missing!. , 2020, 16, e1009018.		0
206	Title is missing!. , 2020, 16, e1009018.		0
207	Title is missing!. , 2020, 16, e1009018.		0
208	Title is missing!. , 2020, 16, e1009018.		0
209	Title is missing!. , 2020, 16, e1009018.		0
210	Title is missing!. , 2020, 16, e1009018.		0