

Kirsi H Pietilinen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

203
papers

14,939
citations

56
h-index

120
g-index

222
ext. papers

17,606
ext. citations

8.1
avg, IF

5.58
L-index

#	Paper	IF	Citations
203	Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition.. <i>Nature Communications</i> , 2022 , 13, 99	17.4	0
202	Weight Loss Trajectories in Healthy Weight Coaching: Cohort Study.. <i>JMIR Formative Research</i> , 2022 , 6, e26374	2.5	
201	Preventing White Adipocyte Browning during Differentiation : The Effect of Differentiation Protocols on Metabolic and Mitochondrial Phenotypes.. <i>Stem Cells International</i> , 2022 , 2022, 3308194	5	
200	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 ,	40	13
199	Appraisal of Triglyceride-Related Markers as Early Predictors of Metabolic Outcomes in the PREVIEW Lifestyle Intervention: A Controlled Trial. <i>Frontiers in Nutrition</i> , 2021 , 8, 733697	6.2	0
198	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	1.5	0
197	Effects of liraglutide on the metabolism of triglyceride-rich lipoproteins in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 1191-1201	6.7	6
196	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	0.9	0
195	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	18	6
194	Blood and skeletal muscle ageing determined by epigenetic clocks and their associations with physical activity and functioning. <i>Clinical Epigenetics</i> , 2021 , 13, 110	7.7	1
193	Modified Atkins diet modifies cardiopulmonary exercise characteristics and promotes hyperventilation in healthy subjects. <i>Journal of Functional Foods</i> , 2021 , 81, 104459	5.1	0
192	Sleep and lifestyle in young adult monozygotic twin pairs discordant for body mass index. <i>Sleep Health</i> , 2021 , 7, 556-564	4	
191	Association of Psychobehavioral Variables With HOMA-IR and BMI Differs for Men and Women With Prediabetes in the PREVIEW Lifestyle Intervention. <i>Diabetes Care</i> , 2021 , 44, 1491-1498	14.6	1
190	The PREVIEW 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	6.7	18
189	F13A1 transglutaminase expression in human adipose tissue increases in acquired excess weight and associates with inflammatory status of adipocytes. <i>International Journal of Obesity</i> , 2021 , 45, 577-587 ⁵⁵	5.5	3
188	A standard calculation methodology for human doubly labeled water studies. <i>Cell Reports Medicine</i> , 2021 , 2, 100203	18	21
187	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	2.4	0

186	Differential Mitochondrial Gene Expression in Adipose Tissue Following Weight Loss Induced by Diet or Bariatric Surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 1312-1324	5.6	1
185	Energy compensation and adiposity in humans. <i>Current Biology</i> , 2021 , 31, 4659-4666.e2	6.3	7
184	Daily energy expenditure through the human life course. <i>Science</i> , 2021 , 373, 808-812	33.3	43
183	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	7	1
182	Identification of TBX15 as an adipose master trans regulator of abdominal obesity genes. <i>Genome Medicine</i> , 2021 , 13, 123	14.4	2
181	Physical activity and fat-free mass during growth and in later life. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1583-1589	7	3
180	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	5.8	1
179	Evaluation of the effect of donor weight on adipose stromal/stem cell characteristics by using weight-discordant monozygotic twin pairs. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 516	8.3	0
178	The association of body mass index with quality of life and working ability: a Finnish population-based study. <i>Quality of Life Research</i> , 2021 , 1	3.7	1
177	Effectiveness of a web-based real-life weight management program: Study design, methods, and participantsRbaseline characteristics. <i>Contemporary Clinical Trials Communications</i> , 2020 , 19, 100638	1.8	1
176	Niacin Cures Systemic NAD Deficiency and Improves Muscle Performance in Adult-Onset Mitochondrial Myopathy. <i>Cell Metabolism</i> , 2020 , 31, 1078-1090.e5	24.6	70
175	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. <i>American Journal of Human Genetics</i> , 2020 , 106, 389-404	11	40
174	Bile Reflux is a Common Finding in the Gastric Pouch After One Anastomosis Gastric Bypass. <i>Obesity Surgery</i> , 2020 , 30, 875-881	3.7	28
173	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	5.9	1
172	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	4.9	15
171	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	4.5	1
170	White adipose tissue mitochondrial metabolism in health and in obesity. <i>Obesity Reviews</i> , 2020 , 21, e12958.6	58.6	35
169	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	14.6	16

168	Transglutaminases and Obesity in Humans: Association of to Adipocyte Hypertrophy and Adipose Tissue Immune Response. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
167	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	3.3	0
166	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	6	11
165	Variants associated with expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , 2020 , 5, 111	4.8	0
164	The causal effect of obesity on prediabetes and insulin resistance reveals the important role of adipose tissue in insulin resistance 2020 , 16, e1009018		
163	The causal effect of obesity on prediabetes and insulin resistance reveals the important role of adipose tissue in insulin resistance 2020 , 16, e1009018		
162	The causal effect of obesity on prediabetes and insulin resistance reveals the important role of adipose tissue in insulin resistance 2020 , 16, e1009018		
161	The causal effect of obesity on prediabetes and insulin resistance reveals the important role of adipose tissue in insulin resistance 2020 , 16, e1009018		
160	The causal effect of obesity on prediabetes and insulin resistance reveals the important role of adipose tissue in insulin resistance 2020 , 16, e1009018		
159	The causal effect of obesity on prediabetes and insulin resistance reveals the important role of adipose tissue in insulin resistance 2020 , 16, e1009018		
158	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,	6.7	9
157	Eating Behaviors in Healthy Young Adult Twin Pairs Discordant for Body Mass Index. <i>Twin Research and Human Genetics</i> , 2019 , 22, 220-228	2.2	3
156	Plasma Proteomics Analysis Reveals Dysregulation of Complement Proteins and Inflammation in Acquired Obesity-A Study on Rare BMI-Discordant Monozygotic Twin Pairs. <i>Proteomics - Clinical Applications</i> , 2019 , 13, e1800173	3.1	9
155	Short Sleep Duration and Later Overweight in Infants. <i>Journal of Pediatrics</i> , 2019 , 212, 13-19	3.6	7
154	Regional fat depot masses are influenced by protein-coding gene variants. <i>PLoS ONE</i> , 2019 , 14, e0217644	4.7	0
153	Mechanisms of early glucose regulation disturbance after out-of-hospital cardiopulmonary resuscitation: An explorative prospective study. <i>PLoS ONE</i> , 2019 , 14, e0214209	3.7	7
152	Role of apolipoprotein C-III overproduction in diabetic dyslipidaemia. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 1861-1870	6.7	23
151	Plasma metabolites reveal distinct profiles associating with different metabolic risk factors in monozygotic twin pairs. <i>International Journal of Obesity</i> , 2019 , 43, 487-502	5.5	9

150	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	6.7	41
149	Notum produced by Paneth cells attenuates regeneration of aged intestinal epithelium. <i>Nature</i> , 2019 , 571, 398-402	50.4	72
148	Epigenome-wide association study of lung function level and its change. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	25
147	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	2.8	5
146	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	2.2	13
145	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	3	23
144	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	4.9	16
143	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	2.2	8
142	Quantification of visceral adiposity: evaluation of the body electrical loss analysis. <i>Biomedical Physics and Engineering Express</i> , 2018 , 4, 025034	1.5	
141	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	24.6	189
140	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	5.5	21
139	Physical activity, cardiorespiratory fitness, and metabolic outcomes in monozygotic twin pairs discordant for body mass index. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018 , 28, 1048-1055	4.6	9
138	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	6.7	73
137	Increased body fat mass and androgen metabolism - A twin study in healthy young women. <i>Steroids</i> , 2018 , 140, 24-31	2.8	5
136	Adipose tissue mitochondrial capacity associates with long-term weight loss success. <i>International Journal of Obesity</i> , 2018 , 42, 817-825	5.5	12
135	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 , 11, 383-394	3.8	9
134	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	14.6	109
133	Metabolomes of mitochondrial diseases and inclusion body myositis patients: treatment targets and biomarkers. <i>EMBO Molecular Medicine</i> , 2018 , 10,	12	33

132	Smoking induces coordinated DNA methylation and gene expression changes in adipose tissue with consequences for metabolic health. <i>Clinical Epigenetics</i> , 2018 , 10, 126	7.7	56
131	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	7.8	12
130	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	11.3	52
129	Cardiorespiratory Fitness and Adiposity as Determinants of Metabolic Health-Pooled Analysis of Two Twin Cohorts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1520-1528	5.6	9
128	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	5.5	22
127	Metabolism of sex steroids is influenced by acquired adiposity-A study of young adult male monozygotic twin pairs. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 172, 98-105	5.1	10
126	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	10.8	63
125	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	4.5	13
124	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	7.8	15
123	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	18.1	174
122	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	7	69
121	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	9.3	7
120	Mitochondria-related transcriptional signature is downregulated in adipocytes in obesity: a study of young healthy MZ twins. <i>Diabetologia</i> , 2017 , 60, 169-181	10.3	39
119	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	8.4	24
118	Liver Fat and Insulin Sensitivity Define Metabolite Profiles During a Glucose Tolerance Test in Young Adult Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 220-231	5.6	10
117	Deep subcutaneous adipose tissue lipid unsaturation associates with intramyocellular lipid content. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 1230-7	12.7	7
116	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, 1263-73	5.6	42
115	Abdominal obesity and circulating metabolites: A twin study approach. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 111-21	12.7	42

114	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, 275-83	5.6	93
113	Biotin-dependent functions in adiposity: a study of monozygotic twin pairs. <i>International Journal of Obesity</i> , 2016 , 40, 788-95	5.5	13
112	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, 654-61	5.5	48
111	Minor Contribution of Endogenous GLP-1 and GLP-2 to Postprandial Lipemia in Obese Men. <i>PLoS ONE</i> , 2016 , 11, e0145890	3.7	15
110	Association of MMP-8 with obesity, smoking and insulin resistance. <i>European Journal of Clinical Investigation</i> , 2016 , 46, 757-65	4.6	35
109	Modified Atkins diet induces subacute selective ragged-red-fiber lysis in mitochondrial myopathy patients. <i>EMBO Molecular Medicine</i> , 2016 , 8, 1234-1247	12	43
108	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	1.4	15
107	Age- and sex-specific causal effects of adiposity on cardiovascular risk factors. <i>Diabetes</i> , 2015 , 64, 1841-52	9	50
106	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-62	30.4	119
105	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	7.7	56
104	Impaired Mitochondrial Biogenesis in Adipose Tissue in Acquired Obesity. <i>Diabetes</i> , 2015 , 64, 3135-45	0.9	177
103	Measuring short-term liver metabolism non-invasively: postprandial and post-exercise ^1H and ^{13}C MR spectroscopy. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015 , 28, 57-66	2.8	5
102	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, 762-71	2.2	79
101	Weight Loss and Branched Chain Amino Acids and Their Metabolites 2015 , 251-262		1
100	Adipocyte morphology and implications for metabolic derangements in acquired obesity. <i>International Journal of Obesity</i> , 2014 , 38, 1423-31	5.5	64
99	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, 629-38	12.1	18
98	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014 , 46, 669-77	36.3	104
97	Impact of a very low-energy diet on the fecal microbiota of obese individuals. <i>European Journal of Nutrition</i> , 2014 , 53, 1421-9	5.2	18

96	Telomere length in circulating leukocytes is associated with lung function and disease. <i>European Respiratory Journal</i> , 2014 , 43, 983-92	13.6	83
95	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, 672-81	12.7	20
94	Suppressed bone turnover in obesity: a link to energy metabolism? A case-control study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 2155-63	5.6	47
93	Metabolic signatures of adiposity in young adults: Mendelian randomization analysis and effects of weight change. <i>PLoS Medicine</i> , 2014 , 11, e1001765	11.6	193
92	Persistence or change in leisure-time physical activity habits and waist gain during early adulthood: a twin-study. <i>Obesity</i> , 2014 , 22, 2061-70	8	11
91	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, 7799-815	4.4	39
90	Metabolome and fecal microbiota in monozygotic twin pairs discordant for weight: a Big Mac challenge. <i>FASEB Journal</i> , 2014 , 28, 4169-79	0.9	21
89	Metabolically healthy and unhealthy obese--the 2013 Stock Conference report. <i>Obesity Reviews</i> , 2014 , 15, 697-708	10.6	118
88	GLP-1 responses are heritable and blunted in acquired obesity with high liver fat and insulin resistance. <i>Diabetes Care</i> , 2014 , 37, 242-51	14.6	38
87	Characterising metabolically healthy obesity in weight-discordant monozygotic twins. <i>Diabetologia</i> , 2014 , 57, 167-76	10.3	104
86	Genetics and Epigenetics: Myths or Facts? 2014 , 103-108		1
85	Association between habitual dietary intake and lipoprotein subclass profile in healthy young adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 1071-8	4.5	28
84	Acquired liver fat is a key determinant of serum lipid alterations in healthy monozygotic twins. <i>Obesity</i> , 2013 , 21, 1815-22	8	6
83	Blunted metabolic responses to cold and insulin stimulation in brown adipose tissue of obese humans. <i>Obesity</i> , 2013 , 21, 2279-87	8	167
82	Taking small steps towards targets - perspectives for clinical practice in diabetes, cardiometabolic disorders and beyond. <i>International Journal of Clinical Practice</i> , 2013 , 67, 322-32	2.9	21
81	Association of body mass index with arterial stiffness and blood pressure components: a twin study. <i>Atherosclerosis</i> , 2013 , 229, 388-95	3.1	35
80	17 β 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, 4923-31	5.6	28
79	Habitual dietary intake is associated with stool microbiota composition in monozygotic twins. <i>Journal of Nutrition</i> , 2013 , 143, 417-23	4.1	83

78	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, 1910-6	3.6	48
77	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	3.7	8
76	Genetic and environmental factors influencing BMI development from adolescence to young adulthood. <i>Behavior Genetics</i> , 2012 , 42, 73-85	3.2	14
75	Obesity-related derangements of coagulation and fibrinolysis: a study of obesity-discordant monozygotic twin pairs. <i>Obesity</i> , 2012 , 20, 88-94	8	35
74	Genome-wide association study identifies multiple loci influencing human serum metabolite levels. <i>Nature Genetics</i> , 2012 , 44, 269-76	36.3	441
73	Adipose co-expression networks across Finns and Mexicans identify novel triglyceride-associated genes. <i>BMC Medical Genomics</i> , 2012 , 5, 61	3.7	24
72	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, 1021-7	3	3
71	Epicardial fat, cardiac dimensions, and low-grade inflammation in young adult monozygotic twins discordant for obesity. <i>American Journal of Cardiology</i> , 2012 , 109, 1295-302	3	32
70	Genetic influences on physical activity in young adults: a twin study. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 1293-301	1.2	18
69	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, 1400-8	7.8	35
68	Circulating anti-Mullerian hormone levels in adult men are under a strong genetic influence. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E161-4	5.6	11
67	Causes and consequences of obesity: the contribution of recent twin studies. <i>International Journal of Obesity</i> , 2012 , 36, 1017-24	5.5	51
66	Does dieting make you fat? A twin study. <i>International Journal of Obesity</i> , 2012 , 36, 456-64	5.5	116
65	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, 691-9	2.2	25
64	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	3.7	2
63	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , 2011 , 43, 1131-8	36.3	415
62	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, 880-6	3.1	15
61	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	6	629

60	Associations between sports participation, cardiorespiratory fitness, and adiposity in young adult twins. <i>Journal of Applied Physiology</i> , 2011 , 110, 681-6	3.7	28
59	Increased coagulation factor VIII, IX, XI and XII activities in non-alcoholic fatty liver disease. <i>Liver International</i> , 2011 , 31, 176-83	7.9	67
58	Comparison of the relative contributions of intra-abdominal and liver fat to components of the metabolic syndrome. <i>Obesity</i> , 2011 , 19, 23-8	8	46
57	Genetic architecture of circulating lipid levels. <i>European Journal of Human Genetics</i> , 2011 , 19, 813-9	5.3	19
56	FGF-21 as a biomarker for muscle-manifesting mitochondrial respiratory chain deficiencies: a diagnostic study. <i>Lancet Neurology</i> , 2011 , 10, 806-18	24.1	274
55	Leisure-time physical activity and nutrition: a twin study. <i>Public Health Nutrition</i> , 2011 , 14, 846-52	3.3	10
54	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	6.3	43
53	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, E351-5	5.6	48
52	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, 1575-82	6.3	44
51	Bacterial endotoxin activity in human serum is associated with dyslipidemia, insulin resistance, obesity, and chronic inflammation. <i>Diabetes Care</i> , 2011 , 34, 1809-15	14.6	271
50	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011 , 43, 1082-90	36.3	313
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41	Mitochondrial myopathy induces a starvation-like response. <i>Human Molecular Genetics</i> , 2010 , 19, 3948-58	3.6	192
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34	Leisure-time physical activity and high-risk fat: a longitudinal population-based twin study. <i>International Journal of Obesity</i> , 2009 , 33, 1211-8	5.5	66
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32	HDL subspecies in young adult twins: heritability and impact of overweight. <i>Obesity</i> , 2009 , 17, 1208-14	8	29
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30	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, 348-54	5.1	59
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16	Effects of acquired obesity on endothelial function in monozygotic twins. <i>Obesity</i> , 2006 , 14, 826-37	8	27
15	Intentional weight loss in young adults: sex-specific genetic and environmental effects. <i>Obesity</i> , 2005 , 13, 745-53		34
14	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, E768-74	6	71
13	Overexpression of 11beta-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, 4414-21	5.6	189
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4	Body Size and Overweight From Birth to Adulthood95-107		1
3	Growth Patterns in Young Adult Monozygotic Twin Pairs Discordant and Concordant for Obesity		1
2	Smoking induces coordinated DNA methylation and gene expression changes in adipose tissue with consequences for metabolic health		2
1	Fetal-like reversion in the regenerating intestine is regulated by mesenchymal Asporin		1