## Karri Silventoinen

List of Publications by Year in descending order

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61984 46799 9,234 138 43 89 citations h-index g-index papers 142 142 142 15738 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818
2	Comparison of Body Mass Index, Waist Circumference, and Waist/Hip Ratio in Predicting Incident Diabetes: A Meta-Analysis. Epidemiologic Reviews, 2007, 29, 115-128.	3.5	754
3	Heritability of Adult Body Height: A Comparative Study of Twin Cohorts in Eight Countries. Twin Research and Human Genetics, 2003, 6, 399-408.	1.0	544
4	DETERMINANTS OF VARIATION IN ADULT BODY HEIGHT. Journal of Biosocial Science, 2003, 35, 263-285.	1.2	523
5	Physical Activity, Body Mass Index, and Risk of Type 2 Diabetes in Patients With Normal or Impaired Glucose Regulation. Archives of Internal Medicine, 2004, 164, 892.	3.8	262
6	Joint effects of physical activity, body mass index, waist circumference and waist-to-hip ratio with the risk of cardiovascular disease among middle-aged Finnish men and women. European Heart Journal, 2004, 25, 2212-2219.	2.2	261
7	Heritability of body size and muscle strength in young adulthood: a study of one million Swedish men. Genetic Epidemiology, 2008, 32, 341-349.	1.3	237
8	Association of body size and muscle strength with incidence of coronary heart disease and cerebrovascular diseases: a population-based cohort study of one million Swedish men. International Journal of Epidemiology, 2009, 38, 110-118.	1.9	178
9	Genetic and environmental effects on body mass index from infancy to the onset of adulthood: an individual-based pooled analysis of 45 twin cohorts participating in the COllaborative project of Development of Anthropometrical measures in Twins (CODATwins) study. American Journal of Clinical Nutrition. 2016. 104. 371-379.	4.7	175
10	Assortative mating by body height and BMI: Finnish Twins and their spouses. American Journal of Human Biology, 2003, 15, 620-627.	1.6	173
11	The Three-Factor Eating Questionnaire, body mass index, and responses to sweet and salty fatty foods: a twin study of genetic and environmental associations. American Journal of Clinical Nutrition, 2008, 88, 263-271.	4.7	170
12	Within-sibship genome-wide association analyses decrease bias in estimates of direct genetic effects. Nature Genetics, 2022, 54, 581-592.	21.4	142
13	Genetic and environmental influences on height from infancy to early adulthood: An individual-based pooled analysis of 45 twin cohorts. Scientific Reports, 2016, 6, 28496.	3.3	133
14	Factors contributing to sense of coherence among men and women. European Journal of Public Health, 2004, 14, 322-330.	0.3	127
15	Genetic Architecture of Smoking Behavior: A Study of Finnish Adult Twins. Twin Research and Human Genetics, 2006, 9, 64-72.	0.6	111
16	Pubertal Timing and Growth Influences Cardiometabolic Risk Factors in Adult Males and Females. Diabetes Care, 2012, 35, 850-856.	8.6	107
17	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. American Journal of Clinical Nutrition, 2017, 106, 457-466.	4.7	107
18	Genetic Influences on Growth Traits of BMI: A Longitudinal Study of Adult Twins. Obesity, 2008, 16, 847-852.	3.0	101

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19	Genetics of Pubertal Timing and Its Associations With Relative Weight in Childhood and Adult Height: The Swedish Young Male Twins Study. Pediatrics, 2008, 121, e885-e891.	2.1	95
20	Genetics of Tracking of Body Mass Index from Birth to Late Middle Age: Evidence from Twin and Family Studies. Obesity Facts, 2009, 2, 196-202.	3.4	88
21	Educational inequalities in the metabolic syndrome and coronary heart disease among middle-aged men and women. International Journal of Epidemiology, 2005, 34, 327-334.	1.9	87
22	Association between Height and Coronary Heart Disease Mortality: A Prospective Study of 35,000 Twin Pairs. American Journal of Epidemiology, 2006, 163, 615-621.	3.4	84
23	Genetic and environmental contributions to food use patterns of young adult twins. Physiology and Behavior, 2008, 93, 235-242.	2.1	84
24	Genetic Epidemiology of Spontaneous Subarachnoid Hemorrhage. Stroke, 2010, 41, 2458-2462.	2.0	83
25	Genetic and environmental influences on pubertal timing assessed by height growth. American Journal of Human Biology, 2008, 20, 417-423.	1.6	73
26	Increasing Genetic Variance of Body Mass Index during the Swedish Obesity Epidemic. PLoS ONE, 2011, 6, e27135.	2.5	70
27	Relative Weight and Income at Different Levels of Socioeconomic Status. American Journal of Public Health, 2004, 94, 468-472.	2.7	69
28	The Older Finnish Twin Cohort â€" 45 Years of Follow-up. Twin Research and Human Genetics, 2019, 22, 240-254.	0.6	68
29	The validity of the Finnish Diabetes Risk Score for the prediction of the incidence of coronary heart disease and stroke, and total mortality. European Journal of Cardiovascular Prevention and Rehabilitation, 2005, 12, 451-458.	2.8	66
30	Genetic and environmental factors affecting self-esteem from age 14 to 17: a longitudinal study of Finnish twins. Psychological Medicine, 2007, 37, 1625-1633.	4.5	65
31	Genetic and environmental contributions to the association between body height and educational attainment: a study of adult Finnish twins. Behavior Genetics, 2000, 30, 477-485.	2.1	64
32	The Genetic Liability to Disability Retirement: A 30-Year Follow-Up Study of 24,000 Finnish Twins. PLoS ONE, 2008, 3, e3402.	2.5	63
33	Genetic Liability to Disability Pension in Women and Men: A Prospective Population-Based Twin Study. PLoS ONE, 2011, 6, e23143.	2.5	63
34	Identifying flavor preference subgroups. Genetic basis and related eating behavior traits. Appetite, 2014, 75, 1-10.	3.7	59
35	Genetic and environmental variation in educational attainment: an individual-based analysis of 28 twin cohorts. Scientific Reports, 2020, 10, 12681.	3.3	59
36	Selective international migration by social position, health behaviour and personality. European Journal of Public Health, 2007, 18, 150-155.	0.3	57

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37	Association of current and former smoking with body mass index: A study of smoking discordant twin pairs from 21 twin cohorts. PLoS ONE, 2018, 13, e0200140.	2.5	57
38	Health inequalities by education and age in four Nordic countries, 1986 and 1994. Journal of Epidemiology and Community Health, 2002, 56, 253-258.	3.7	55
39	Genetic Regulation of Growth in Height and Weight from 3 to 12 Years of Age: A Longitudinal Study of Dutch Twin Children. Twin Research and Human Genetics, 2007, 10, 354-363.	0.6	55
40	The CODATwins Project: The Cohort Description of Collaborative Project of Development of Anthropometrical Measures in Twins to Study Macro-Environmental Variation in Genetic and Environmental Effects on Anthropometric Traits. Twin Research and Human Genetics, 2015, 18, 348-360.	0.6	55
41	Modification effects of physical activity and protein intake on heritability of body size and composition. American Journal of Clinical Nutrition, 2009, 90, 1096-1103.	4.7	54
42	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
43	Increased Genetic Variance of BMI with a Higher Prevalence of Obesity. PLoS ONE, 2011, 6, e20816.	2.5	48
44	Same genetic components underlie different measures of sweet taste preference. American Journal of Clinical Nutrition, 2007, 86, 1663-1669.	4.7	48
45	Heritability of body height and educational attainment in an international context: Comparison of adult twins in Minnesota and Finland. American Journal of Human Biology, 2004, 16, 544-555.	1.6	47
46	Does Obesity Modify the Effect of Blood Pressure on the Risk of Cardiovascular Disease?. Circulation, 2008, 118, 1637-1642.	1.6	46
47	Appetitive traits as behavioural pathways in genetic susceptibility to obesity: a population-based cross-sectional study. Scientific Reports, 2015, 5, 14726.	3.3	45
48	Sense of coherence and its determinants: A comparative study of the Finnish-speaking majority and the Swedish-speaking minority in Finland. Scandinavian Journal of Public Health, 2006, 34, 515-525.	2.3	43
49	Familial Resemblance in Dietary Intakes of Children, Adolescents, and Parents: Does Dietary Quality Play a Role?. Nutrients, 2017, 9, 892.	4.1	43
50	Obesity and eating behavior from the perspective of twin and genetic research. Neuroscience and Biobehavioral Reviews, 2020, 109, 150-165.	6.1	43
51	Genetic and environmental influences on growth from late childhood to adulthood: A longitudinal study of two Finnish twin cohorts. American Journal of Human Biology, 2011, 23, 764-773.	1.6	41
52	Educational Differences in Completed Fertility: A Behavioral Genetic Study of Finnish Male and Female Twins. Demography, 2013, 50, 1399-1420.	2.5	41
53	Effect of environmental and genetic factors on education-associated disparities in weight and weight gain: a study of Finnish adult twins. American Journal of Clinical Nutrition, 2004, 80, 815-822.	4.7	40
54	Health-related risk factors for disability pensions due to musculoskeletal diagnoses: A 30-year Finnish twin cohort study. Scandinavian Journal of Public Health, 2011, 39, 839-848.	2.3	38

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55	Association between intelligence and coronary heart disease mortality: a population-based cohort study of 682 361 Swedish men. European Journal of Cardiovascular Prevention and Rehabilitation, 2007, 14, 555-560.	2.8	37
56	Sex Differences in Genetic and Environmental Factors Contributing to Body-Height. Twin Research and Human Genetics, 2001, 4, 25-29.	1.0	33
57	Age-specific fertility by educational level in the Finnish male cohort born 1940â€'1950. Demographic Research, 0, 31, 119-136.	3.0	33
58	Widening or narrowing inequalities in health? Comparing Britain and Finland from the 1980s to the 1990s. Sociology of Health and Illness, 2000, 22, 110-136.	2.1	32
59	Education, Other Socioeconomic Characteristics Across the Life Course, and Fertility Among Finnish Men. European Journal of Population, 2018, 34, 337-366.	2.0	32
60	Sex Differences in Genetic and Environmental Factors Contributing to Body-Height. Twin Research and Human Genetics, 2001, 4, 25-29.	1.0	31
61	Assortative marriages by body mass index have increased simultaneously with the obesity epidemic. Frontiers in Genetics, 2012, 3, 125.	2.3	31
62	Genetic and Environmental Factors Affecting Self-Rated Health from Age 16–25: A Longitudinal Study of Finnish Twins. Behavior Genetics, 2007, 37, 326-333.	2.1	30
63	Genetic and Environmental Influences on BMI From Late Childhood to Adolescence are Modified by Parental Education. Obesity, 2012, 20, 583-589.	3.0	28
64	Parental Education and Genetics of BMI from Infancy to Old Age: A Pooled Analysis of 29 Twin Cohorts. Obesity, 2019, 27, 855-865.	3.0	27
65	Leisure-time physical inactivity and association with body mass index: a Finnish Twin Study with a 35-year follow-up. International Journal of Epidemiology, 2017, 46, 116-127.	1.9	26
66	Childhood adversity and depressive symptoms among middle-aged and older Chinese: results from China health and retirement longitudinal study. Aging and Mental Health, 2020, 24, 923-931.	2.8	26
67	Disability pension due to musculoskeletal diagnoses: importance of work-related factors in a prospective cohort study of Finnish twins. Scandinavian Journal of Work, Environment and Health, 2013, 39, 343-350.	3.4	26
68	Early-life and adult socioeconomic determinants of myocardial infarction incidence and fatality. Social Science and Medicine, 2017, 177, 100-109.	3.8	25
69	Zygosity Differences in Height and Body Mass Index of Twins From Infancy to Old Age: A Study of the CODATwins Project. Twin Research and Human Genetics, 2015, 18, 557-570.	0.6	24
70	Genetic and Environmental Influences on Cardiovascular Disease Risk Factors: A Study of Chinese Twin Children and Adolescents. Twin Research and Human Genetics, 2014, 17, 72-79.	0.6	23
71	The association between body height and coronary heart disease among Finnish twins and singletons. International Journal of Epidemiology, 2003, 32, 78-82.	1.9	22
72	Association between birthweight and later body mass index: an individual-based pooled analysis of 27 twin cohorts participating in the CODATwins project. International Journal of Epidemiology, 2017, 46, 1488-1498.	1.9	22

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73	Appropriateness of anthropometric obesity indicators in assessment of coronary heart disease risk among Finnish men and women. Scandinavian Journal of Public Health, 2003, 31, 283-290.	2.3	21
74	Effect of family background on the educational gradient in lifetime fertility of Finnish women born $1940 \hat{a} \in 50$ . Population Studies, 2014, 68, 321-337.	2.1	21
75	Twin's Birth-Order Differences in Height and Body Mass Index From Birth to Old Age: A Pooled Study of 26 Twin Cohorts Participating in the CODATwins Project. Twin Research and Human Genetics, 2016, 19, 112-124.	0.6	21
76	Physical work load and psychological stress of daily activities as predictors of disability pension due to musculoskeletal disorders. Scandinavian Journal of Public Health, 2014, 42, 370-376.	2.3	20
77	A supportive family environment in childhood enhances the level and heritability of sense of coherence in early adulthood. Social Psychiatry and Psychiatric Epidemiology, 2014, 49, 1951-1960.	3.1	20
78	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. Early Human Development, 2018, 120, 53-60.	1.8	20
79	Heritability of Adult Body Height: A Comparative Study of Twin Cohorts in Eight Countries. Twin Research and Human Genetics, 2003, 6, 399-408.	1.0	20
80	Genetic and Environmental Contributions to Perceived Intensity and Pleasantness of Androstenone Odor: An International Twin Study. Chemosensory Perception, 2008, 1, 34-42.	1.2	19
81	Associations of mortality with own height using son's height as an instrumental variable. Economics and Human Biology, 2013, 11, 351-359.	1.7	19
82	A prospective twin cohort study of disability pensions due to musculoskeletal diagnoses in relation to stability and change in pain. Pain, 2013, 154, 1966-1972.	4.2	19
83	Pre-existing depression predicts survival in cardiovascular disease and cancer. Journal of Epidemiology and Community Health, 2018, 72, 617-622.	3.7	19
84	Growth in Height in Childhood and Risk of Coronary Heart Disease in Adult Men and Women. PLoS ONE, 2012, 7, e30476.	2.5	18
85	The genetic architecture of body mass index from infancy to adulthood modified by parental education. Obesity, 2016, 24, 2004-2011.	3.0	18
86	Genetic and Environmental Factors Influencing BMI Development from Adolescence to Young Adulthood. Behavior Genetics, 2012, 42, 73-85.	2.1	16
87	Association between serum fatty acids and lipoprotein subclass profile in healthy young adults: Exploring common genetic and environmental factors. Atherosclerosis, 2014, 233, 394-402.	0.8	16
88	Genetic and Environmental Contributions to the Association Between Anthropometric Measures and IQ: A Study of Minnesota Twins at Age 11 and 17. Behavior Genetics, 2012, 42, 393-401.	2.1	14
89	Occupational Class Differences in Body Mass Index and Weight Gain in Japan and Finland. Journal of Epidemiology, 2013, 23, 443-450.	2.4	14
90	Estimating Modifying Effect of Age on Genetic and Environmental Variance Components in Twin Models. Genetics, 2016, 202, 1313-1328.	2.9	14

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91	Trends in Parent-Child Correlations of Childhood Body Mass Index during the Development of the Obesity Epidemic. PLoS ONE, 2014, 9, e109932.	2.5	14
92	Genetic Regulation of Pre-Pubertal Development of Body Mass Index: A Longitudinal Study of Japanese Twin Boys and Girls. Behavior Genetics, 2011, 41, 234-241.	2.1	13
93	Genetics of somatotype and physical fitness in children and adolescents. American Journal of Human Biology, 2021, 33, e23470.	1.6	13
94	Weight status in young adulthood and survival after cardiovascular diseases and cancer. International Journal of Epidemiology, 2014, 43, 1197-1204.	1.9	12
95	The genetic architecture of the association between eating behaviors and obesity: combining genetic twin modeling and polygenic risk scores. American Journal of Clinical Nutrition, 2020, 112, 956-966.	4.7	11
96	Weight Growth Charts from Birth to 6 Years of Age in Japanese Triplets. Twin Research and Human Genetics, 2008, 11, 641-647.	0.6	10
97	Genetic and Environmental Influences on Chest Circumference during Infancy: A Longitudinal Study of Japanese Twins. Paediatric and Perinatal Epidemiology, 2012, 26, 553-560.	1.7	10
98	Stability and change of body mass index as a predictor of disability pension. Scandinavian Journal of Public Health, 2016, 44, 369-376.	2.3	10
99	Association of height and pubertal timing with lipoprotein subclass profile: Exploring the role of genetic and environmental effects. American Journal of Human Biology, 2013, 25, 465-472.	1.6	9
100	Early Puberty Is Associated With Higher Academic Achievement in Boys and Girls and Partially Explains Academic Sex Differences. Journal of Adolescent Health, 2021, 69, 503-510.	2.5	9
101	Height, Age at First Birth, and Lifetime Reproductive Success: A Prospective Cohort Study of Finnish Male and Female Twins. Twin Research and Human Genetics, 2013, 16, 581-589.	0.6	8
102	Family aggregation of cardiovascular disease mortality: a register-based prospective study of pooled Nordic twin cohorts. International Journal of Epidemiology, 2017, 46, 1223-1229.	1.9	8
103	Education in Twins and Their Parents Across Birth Cohorts Over 100 years: An Individual-Level Pooled Analysis of 42-Twin Cohorts. Twin Research and Human Genetics, 2017, 20, 395-405.	0.6	8
104	Motives for physical activity in older men and women: A twin study using accelerometerâ€measured physical activity. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 1409-1422.	2.9	8
105	Childhood adversity and trajectories of multimorbidity in mid-late life: China health and longitudinal retirement study. Journal of Epidemiology and Community Health, 2021, 75, 593-600.	3.7	8
106	Sustainable Working Life in a Swedish Twin Cohortâ€"A Definition Paper with Sample Overview. International Journal of Environmental Research and Public Health, 2021, 18, 5817.	2.6	8
107	The Association Between Puberty Timing and Body Mass Index in a Longitudinal Setting: The Contribution of Genetic Factors. Behavior Genetics, 2022, 52, 186-194.	2.1	8
108	Genetics of head circumference in infancy: A longitudinal study of Japanese twins. American Journal of Human Biology, 2011, 23, 630-634.	1.6	7

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109	Motor Development of Triplets: A Japanese Prospective Cohort Study. Twin Research and Human Genetics, 2011, 14, 185-191.	0.6	7
110	Height Growth of Triplets from Birth to 12 Years of Age in Japan. Twin Research and Human Genetics, 2011, 14, 468-475.	0.6	7
111	Gender Differences in Marital Status Moderation of Genetic and Environmental Influences on Subjective Health. Behavior Genetics, 2016, 46, 114-123.	2.1	7
112	Association between long-term smoking and leisure-time physical inactivity: a cohort study among Finnish twins with a 35-year follow-up. International Journal of Public Health, 2017, 62, 819-829.	2.3	7
113	Associations of sitting time with leisureâ€time physical inactivity, education, and body mass index change. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 322-331.	2.9	7
114	Physical Activity and Academic Performance: Genetic and Environmental Associations. Medicine and Science in Sports and Exercise, 2020, 52, 381-390.	0.4	7
115	Genetics of pre-pubertal growth: A longitudinal study of Japanese twins. Annals of Human Biology, 2011, 38, 608-614.	1.0	6
116	Social Modifications of the Multiple Birth Effect on <scp>IQ</scp> and Body Size: a Populationâ€Based Study of Young Adult Males. Paediatric and Perinatal Epidemiology, 2013, 27, 380-387.	1.7	6
117	Health behaviours and psychosocial working conditions as predictors of disability pension due to different diagnoses: a population-based study. BMC Public Health, 2020, 20, 1507.	2.9	6
118	Joint association between education and polygenic risk score for incident coronary heart disease events: a longitudinal population-based study of 26 203 men and women. Journal of Epidemiology and Community Health, 2021, 75, 651-657.	3.7	6
119	Weight Growth of Triplet Infants From Birth to Twelve Years of Age. Twin Research and Human Genetics, 2012, 15, 672-679.	0.6	5
120	The Interplay between Genes and Psychosocial Home Environment on Physical Activity. Medicine and Science in Sports and Exercise, 2018, 50, 691-699.	0.4	5
121	Changing associations between partnership history and risk of accidents, violence and suicides. Journal of Epidemiology and Community Health, 2013, 67, 265-270.	3.7	4
122	Association Between Physical and Motor Development in Childhood: A Longitudinal Study of Japanese Twins. Twin Research and Human Genetics, 2014, 17, 192-198.	0.6	4
123	The Genetic Background of Metabolic Trait Clusters in Children and Adolescents. Metabolic Syndrome and Related Disorders, 2017, 15, 329-336.	1.3	4
124	The genetic background of the associations between sense of coherence and mental health, self-esteem and personality. Social Psychiatry and Psychiatric Epidemiology, 2022, 57, 423-433.	3.1	4
125	The temporal relationship between parental concern of overeating and childhood obesity considering genetic susceptibility: longitudinal results from the IDEFICS/I.Family study. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 139.	4.6	3
126	Changing associations of coronary heart disease incidence with current partnership status and marital history over three decades. SSM - Population Health, 2022, 18, 101080.	2.7	3

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127	ACEt: An R Package for Estimating Dynamic Heritability and Comparing Twin Models. Behavior Genetics, 2017, 47, 620-641.	2.1	2
128	The role of familial confounding in the associations of physical activity, smoking and alcohol consumption with early exit from the labour market. Preventive Medicine, 2021, 150, 106717.	3.4	2
129	Obesity and Prevention of Type 2 Diabetes. , 0, , 67-85.		2
130	Development of Body Mass Index of Japanese Triplets From Birth Until the Onset of Puberty. Twin Research and Human Genetics, 2013, 16, 861-868.	0.6	1
131	Genetics of Perceived Family Interaction From 12 to 17 Years of Age. Behavior Genetics, 2019, 49, 366-375.	2.1	1
132	Life events as predictors for disability pension due to musculoskeletal diagnoses: a cohort study of Finnish twins. International Archives of Occupational and Environmental Health, 2020, 93, 469-478.	2.3	1
133	The Genetic Architecture of the Clustering of Cardiometabolic Risk Factors: A Study of 8- to 17-Year-Old Chinese Twins. Twin Research and Human Genetics, 2020, 23, 283-291.	0.6	1
134	Educational attainment of same-sex and opposite-sex dizygotic twins: An individual-level pooled study of 19 twin cohorts. Hormones and Behavior, 2021, 136, 105054.	2.1	1
135	Twin Studies on Anthropometrics: Exploring the Role of Genetic and Environmental Factors. , 2012, , 59-72.		1
136	Obesity and Prevention of Type 2 Diabetes. , 2006, , 79-97.		0
137	Heritability and Environmental Correlation of Phase Angle with Anthropometric Measurements: A Twin Study. International Journal of Environmental Research and Public Health, 2020, 17, 7810.	2.6	O
138	Joint associations of depression, genetic susceptibility and the area of residence for coronary heart disease incidence. Journal of Epidemiology and Community Health, 2021, , jech-2021-216451.	3.7	0