

# Kauko Heikkilä

## List of Publications by Year in descending order

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Version: 2024-02-01

112  
papers

17,365  
citations

53794

45  
h-index

26613

107  
g-index

117  
all docs

117  
docs citations

117  
times ranked

25943  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
2	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013, 45, 1274-1283.	21.4	2,641
3	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
4	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 1345-1352.	21.4	754
5	Familial Risk and Heritability of Cancer Among Twins in Nordic Countries. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 68.	7.4	648
6	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	27.8	544
7	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. <i>Nature Genetics</i> , 2016, 48, 856-866.	21.4	520
8	Snoring as a risk factor for ischaemic heart disease and stroke in men.. <i>BMJ: British Medical Journal</i> , 1987, 294, 16-19.	2.3	433
9	Life Satisfaction and Suicide: A 20-Year Follow-Up Study. <i>American Journal of Psychiatry</i> , 2001, 158, 433-439.	7.2	381
10	Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , 2013, 45, 912-917.	21.4	338
11	Self-reported Life Satisfaction and 20-Year Mortality in Healthy Finnish Adults. <i>American Journal of Epidemiology</i> , 2000, 152, 983-991.	3.4	335
12	SNORING AS A RISK FACTOR FOR HYPERTENSION AND ANGINA PECTORIS. <i>Lancet, The</i> , 1985, 325, 893-896.	13.7	327
13	Prevalence and Genetics of Sleepwalking. <i>Neurology</i> , 1997, 48, 177-181.	1.1	312
14	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	21.4	284
15	The prevalence of narcolepsy: An epidemiological study of the Finnish Twin Cohort. <i>Annals of Neurology</i> , 1994, 35, 709-716.	5.3	216
16	Hostility as a risk factor for mortality and ischemic heart disease in men.. <i>Psychosomatic Medicine</i> , 1988, 50, 330-340.	2.0	207
17	Heritability of diurnal type: a nationwide study of 8753 adult twin pairs. <i>Journal of Sleep Research</i> , 2007, 16, 156-162.	3.2	196
18	The Role of Adiposity in Cardiometabolic Traits: A Mendelian Randomization Analysis. <i>PLoS Medicine</i> , 2013, 10, e1001474.	8.4	178

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19	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. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 371-379.	4.7	175
20	Daytime sleepiness in an adult, Finnish population. <i>Journal of Internal Medicine</i> , 1996, 239, 417-423.	6.0	174
21	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	27.8	173
22	Migraine and Concomitant Symptoms Among 8167 Adult Twin Pairs. <i>Headache</i> , 1995, 35, 70-78.	3.9	162
23	Genetic and environmental influences on height from infancy to early adulthood: An individual-based pooled analysis of 45 twin cohorts. <i>Scientific Reports</i> , 2016, 6, 28496.	3.3	133
24	Midlife Sleep Characteristics Associated with Late Life Cognitive Function. <i>Sleep</i> , 2013, 36, 1533-1541.	1.1	129
25	The Ullanlinna Narcolepsy Scale: validation of a measure of symptoms in the narcoleptic syndrome. <i>Journal of Sleep Research</i> , 1994, 3, 52-59.	3.2	127
26	Harmonization of Neuroticism and Extraversion phenotypes across inventories and cohorts in the Genetics of Personality Consortium: an application of Item Response Theory. <i>Behavior Genetics</i> , 2014, 44, 295-313.	2.1	103
27	Genetic and Environmental Factors in Sciatica Evidence from a Nationwide Panel of 9365 Adult Twin Pairs. <i>Annals of Medicine</i> , 1989, 21, 393-398.	3.8	101
28	Replication of linkage on chromosome 7q22 and association of the regional Reelin gene with working memory in schizophrenia families. <i>Molecular Psychiatry</i> , 2008, 13, 673-684.	7.9	91
29	Genetic Linkage to Chromosome 22q12 for a Heavy-Smoking Quantitative Trait in Two Independent Samples. <i>American Journal of Human Genetics</i> , 2007, 80, 856-866.	6.2	89
30	Interpersonal conflict as a predictor of work disability: A follow-up study of 15,348 Finnish employees. <i>Journal of Psychosomatic Research</i> , 1996, 40, 157-167.	2.6	87
31	Long-term consistency of diurnal-type preferences among men. <i>Chronobiology International</i> , 2014, 31, 182-188.	2.0	79
32	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021, 5, 59-70.	12.0	79
33	Life dissatisfaction and subsequent work disability in an 11-year follow-up. <i>Psychological Medicine</i> , 2004, 34, 221-228.	4.5	76
34	Geographical structure and differential natural selection among North European populations. <i>Genome Research</i> , 2009, 19, 804-814.	5.5	75
35	Increased Genetic Vulnerability to Smoking at CHRNA5 in Early-Onset Smokers. <i>Archives of General Psychiatry</i> , 2012, 69, 854.	12.3	71
36	Elucidating the relationship between noise sensitivity and personality. <i>Noise and Health</i> , 2015, 17, 165.	0.5	67

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37	A Population-Based Survey of Headache and Migraine in 22,809 Adults. <i>Headache</i> , 1993, 33, 403-412.	3.9	66
38	Genetic Component of Noise Sensitivity. <i>Twin Research and Human Genetics</i> , 2005, 8, 245-249.	0.6	66
39	Genome-wide association study on detailed profiles of smoking behavior and nicotine dependence in a twin sample. <i>Molecular Psychiatry</i> , 2014, 19, 615-624.	7.9	64
40	Age- and Sex-Specific Causal Effects of Adiposity on Cardiovascular Risk Factors. <i>Diabetes</i> , 2015, 64, 1841-1852.	0.6	63
41	Analysis of Detailed Phenotype Profiles Reveals CHRNA5-CHRNA3-CHRNA4 Gene Cluster Association With Several Nicotine Dependence Traits. <i>Nicotine and Tobacco Research</i> , 2012, 14, 720-733.	2.6	61
42	Midlife cardiovascular risk factors and late cognitive impairment. <i>European Journal of Epidemiology</i> , 2013, 28, 405-416.	5.7	57
43	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. <i>Twin Research and Human Genetics</i> , 2015, 18, 348-360.	0.6	55
44	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
45	Snoring and Cardiovascular Risk Factors. <i>Annals of Medicine</i> , 1994, 26, 371-376.	3.8	49
46	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. <i>Nature Communications</i> , 2020, 11, 3368.	12.8	49
47	Self-reported Life Satisfaction and Alcohol use: A 15-year follow-up of Healthy Adult Twins. <i>Alcohol and Alcoholism</i> , 2012, 47, 160-168.	1.6	48
48	FinnTwin12 Cohort: An Updated Review. <i>Twin Research and Human Genetics</i> , 2019, 22, 302-311.	0.6	48
49	Magnetic Fields of Transmission Lines and Depression. <i>American Journal of Epidemiology</i> , 1997, 146, 1037-1045.	3.4	43
50	Linkage of nicotine dependence and smoking behavior on 10q, 7q and 11p in twins with homogeneous genetic background. <i>Pharmacogenomics Journal</i> , 2008, 8, 209-219.	2.0	43
51	Genetic Component of Noise Sensitivity. <i>Twin Research and Human Genetics</i> , 2005, 8, 245-249.	0.6	43
52	The association of noise sensitivity with coronary heart and cardiovascular mortality among Finnish adults. <i>Science of the Total Environment</i> , 2007, 372, 406-412.	8.0	42
53	Genetic and environmental influences on adult human height across birth cohorts from 1886 to 1994. <i>ELife</i> , 2016, 5, .	6.0	42
54	Metabolic signatures of birthweight in 18,288 adolescents and adults. <i>International Journal of Epidemiology</i> , 2016, 45, 1539-1550.	1.9	41

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55	FinnTwin16: A Longitudinal Study from Age 16 of a Population-Based Finnish Twin Cohort. <i>Twin Research and Human Genetics</i> , 2019, 22, 530-539.	0.6	39
56	Physical Activity, Fitness, Glucose Homeostasis, and Brain Morphology in Twins. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 509-518.	0.4	35
57	Early adolescent aggression predicts antisocial personality disorder in young adults: a population-based study. <i>European Child and Adolescent Psychiatry</i> , 2019, 28, 341-350.	4.7	35
58	Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache. <i>International Journal of Epidemiology</i> , 2020, 49, 1022-1031.	1.9	34
59	Identification, Heritability, and Relation With Gene Expression of Novel DNA Methylation Loci for Blood Pressure. <i>Hypertension</i> , 2020, 76, 195-205.	2.7	33
60	Distinct Loci in the <i>CHRNA5</i> / <i>CHRNA3</i> / <i>CHRNB4</i> Gene Cluster Are Associated With Onset of Regular Smoking. <i>Genetic Epidemiology</i> , 2013, 37, 846-859.	1.3	32
61	Midlife Alcohol Consumption and Later Risk of Cognitive Impairment: A Twin Follow-up Study. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 939-948.	2.6	31
62	Narcolepsy-like symptoms among adult twins. <i>Journal of Sleep Research</i> , 1996, 5, 55-60.	3.2	28
63	SELF-REPORT OF TRANSPORTATION NOISE EXPOSURE, ANNOYANCE AND NOISE SENSITIVITY IN RELATION TO NOISE MAP INFORMATION. <i>Journal of Sound and Vibration</i> , 2000, 234, 191-206.	3.9	28
64	Self-rated depression in 12,063 middle-aged adults. <i>Nordic Journal of Psychiatry</i> , 1997, 51, 331-338.	1.3	26
65	Leisure-time physical inactivity and association with body mass index: a Finnish Twin Study with a 35-year follow-up. <i>International Journal of Epidemiology</i> , 2017, 46, 116-127.	1.9	26
66	Chronic diseases and objectively monitored physical activity profile among aged individuals – a cross-sectional twin cohort study. <i>Annals of Medicine</i> , 2019, 51, 78-87.	3.8	25
67	Somatic and Psychological Characteristics of Noise-Sensitive Adults in Finland. <i>Archives of Environmental Health</i> , 2004, 59, 410-417.	0.4	24
68	Noise sensitivity and multiple chemical sensitivity scales: Properties in a population based epidemiological study. <i>Noise and Health</i> , 2012, 14, 215.	0.5	24
69	Zygosity Differences in Height and Body Mass Index of Twins From Infancy to Old Age: A Study of the CODATwins Project. <i>Twin Research and Human Genetics</i> , 2015, 18, 557-570.	0.6	24
70	Testing the reciprocal association between smoking and depressive symptoms from adolescence to adulthood: A longitudinal twin study. <i>Drug and Alcohol Dependence</i> , 2019, 200, 64-70.	3.2	24
71	Noise sensitivity and hearing disability. <i>Noise and Health</i> , 2011, 13, 59.	0.5	24
72	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

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73	The Negative Affect Hypothesis of Noise Sensitivity. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 5284-5303.	2.6	21
74	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. <i>Twin Research and Human Genetics</i> , 2016, 19, 112-124.	0.6	21
75	The association of noise sensitivity with music listening, training, and aptitude. <i>Noise and Health</i> , 2015, 17, 350.	0.5	21
76	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
77	Genetic linkage findings for DSM-IV nicotine withdrawal in two populations. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 950-959.	1.7	19
78	Residential exposure to magnetic fields generated by 110-400 kV power lines in Finland. <i>Bioelectromagnetics</i> , 1995, 16, 365-376.	1.6	18
79	Long-term leisure-time physical activity and other health habits as predictors of objectively monitored late-life physical activity – A 40-year twin study. <i>Scientific Reports</i> , 2018, 8, 9400.	3.3	18
80	Predictive Association of Smoking with Depressive Symptoms: a Longitudinal Study of Adolescent Twins. <i>Prevention Science</i> , 2019, 20, 1021-1030.	2.6	18
81	Habitual sleep disturbances and migraine: a Mendelian randomization study. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 2370-2380.	3.7	18
82	Cigarette smoking and alcohol use as predictors of disability retirement: A population-based cohort study. <i>Drug and Alcohol Dependence</i> , 2015, 155, 260-266.	3.2	17
83	Association between education and future leisure-time physical inactivity: a study of Finnish twins over a 35-year follow-up. <i>BMC Public Health</i> , 2016, 16, 720.	2.9	17
84	Middle age self-report risk score predicts cognitive functioning and dementia in 20–40 years. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 4, 118-125.	2.4	17
85	Triples, birthweight, and handedness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6076-6081.	7.1	17
86	Assessment of diabetic retinopathy using two-field 60° fundus photography. A comparison between red-free, black-and-white prints and colour transparencies. <i>Acta Ophthalmologica</i> , 1999, 77, 638-647.	0.3	16
87	A comparison between one- and two-field 60° fundus photography when screening for diabetic retinopathy. <i>Acta Ophthalmologica</i> , 2000, 78, 14-20.	0.3	16
88	Midlife Physical Activity and Cognition Later in Life: A Prospective Twin Study. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 1303-1317.	2.6	16
89	Genome wide association study identifies variants in NBEA associated with migraine in bipolar disorder. <i>Journal of Affective Disorders</i> , 2015, 172, 453-461.	4.1	15
90	Noise exposure of musicians of a ballet orchestra. <i>Noise and Health</i> , 2011, 13, 51.	0.5	15

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91	Genome-wide time-to-event analysis on smoking progression stages in a family-based study. <i>Brain and Behavior</i> , 2016, 6, e00462.	2.2	14
92	Objectively measured physical activity profile and cognition in Finnish elderly twins. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018, 4, 263-271.	3.7	14
93	Higher Prevalence of Left-Handedness in Twins? Not After Controlling Birth Time Confounders. <i>Twin Research and Human Genetics</i> , 2015, 18, 526-532.	0.6	13
94	Handedness in the Helsinki Ultrasound Trial. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 37, 638-642.	1.7	12
95	Selection Bias in Disease-Related Twin Studies – Data on 11,154 Adult Finnish Twin Pairs from a Nationwide Panel. <i>Acta Geneticae Medicae Et Gemellologiae</i> , 1990, 39, 441-446.	0.2	10
96	Noise Sensitivity and Disability Retirement. <i>Journal of Occupational and Environmental Medicine</i> , 2013, 55, 365-370.	1.7	10
97	Detection of retinal neovascularizations using 45° and 60° photographic fields with varying 45° fields simulated on a 60° photograph. <i>Acta Ophthalmologica</i> , 2002, 80, 372-378.	0.3	8
98	Education in Twins and Their Parents Across Birth Cohorts Over 100 years: An Individual-Level Pooled Analysis of 42-Twin Cohorts. <i>Twin Research and Human Genetics</i> , 2017, 20, 395-405.	0.6	8
99	Sensitivity to Noise Following a Mild Traumatic Brain Injury: A Longitudinal Study. <i>Journal of Head Trauma Rehabilitation</i> , 2021, 36, E289-E301.	1.7	7
100	Elucidating the relationship between migraine risk and brain structure using genetic data. <i>Brain</i> , 2022, 145, 3214-3224.	7.6	7
101	Genetic meta-analysis of twin birth weight shows high genetic correlation with singleton birth weight. <i>Human Molecular Genetics</i> , 2021, 30, 1894-1905.	2.9	6
102	Design and Sampling Considerations, Response Rates, and Representativeness in a Finnish Twin Family Study. <i>Acta Geneticae Medicae Et Gemellologiae</i> , 1987, 36, 79-93.	0.2	5
103	Detection of diabetic retinopathy: a comparison between red-free digital images and colour transparencies. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2005, 243, 427-432.	1.9	4
104	Association between smoking behavior patterns and chronic obstructive pulmonary disease: A long-term follow-up study among Finnish adults. <i>Annals of Medicine</i> , 2012, 44, 598-606.	3.8	4
105	Educational attainment of same-sex and opposite-sex dizygotic twins: An individual-level pooled study of 19 twin cohorts. <i>Hormones and Behavior</i> , 2021, 136, 105054.	2.1	1
106	Authors' reply (Finland). <i>BMJ: British Medical Journal</i> , 1994, 308, 1163-1163.	2.3	1
107	The association between smoking behaviour patterns and chronic obstructive pulmonary disease: a long-term follow-up study among Finnish adults. <i>Clinical Respiratory Journal</i> , 2011, 5, 6-7.	1.6	0
108	Noise Sensitivity and Multiple Chemical Sensitivity. <i>Noise and Vibration Worldwide</i> , 2013, 44, 9-15.	1.0	0

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109	DT-02-06: Middle age protective score based on self-reported measures predicts dementia status in old age: A population-based study with 28-year follow-up. , 2015, 11, P335-P335.		0
110	P3-367: Cognitive Reserve as Indexed by Educational and Occupational Attainment Moderates the Association Between Cardiovascular Disease and Dementia. , 2016, 12, P989-P990.		0
111	[03â€“06â€“05]: EPISODIC MEMORY PERFORMANCE IN COGNITIVELY HEALTHY TWINS WITH COGNITIVELY IMPAIRED COâ€“TWINS. Alzheimer's and Dementia, 2017, 13, P913.	0.8	0
112	The Epidemiology of Noise Sensitivity in New Zealand. Neuroepidemiology, 2020, 54, 482-489.	2.3	0