

Kauko Heikkil

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.

110 papers	12,732 citations	43 h-index	112 g-index
117 ext. papers	15,479 ext. citations	8.7 avg, IF	4.76 L-index

#	Paper	IF	Citations
110	Genetic meta-analysis of twin birth weight shows high genetic correlation with singleton birth weight. <i>Human Molecular Genetics</i> , 2021 , 30, 1894-1905	5.6	1
109	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021 , 5, 59-70	12.8	33
108	Sensitivity to Noise Following a Mild Traumatic Brain Injury: A Longitudinal Study. <i>Journal of Head Trauma Rehabilitation</i> , 2021 , 36, E289-E301	3	1
107	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	3.7	
106	Habitual sleep disturbances and migraine: a Mendelian randomization study. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 2370-2380	5.3	6
105	Identification, Heritability, and Relation With Gene Expression of Novel DNA Methylation Loci for Blood Pressure. <i>Hypertension</i> , 2020 , 76, 195-205	8.5	12
104	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. <i>Nature Communications</i> , 2020 , 11, 3368	17.4	22
103	The Epidemiology of Noise Sensitivity in New Zealand. <i>Neuroepidemiology</i> , 2020 , 54, 482-489	5.4	
102	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	7.8	15
101	Predictive Association of Smoking with Depressive Symptoms: a Longitudinal Study of Adolescent Twins. <i>Prevention Science</i> , 2019 , 20, 1021-1030	4	8
100	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	4.9	13
99	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	5.5	16
98	FinnTwin12 Cohort: An Updated Review. <i>Twin Research and Human Genetics</i> , 2019 , 22, 302-311	2.2	16
97	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
96	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	1.5	15
95	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
94	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	6	12

93	Triplets, birthweight, and handedness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6076-6081	11.5	10
92	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	4.9	13
91	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	7.8	21
90	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
89	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
88	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	2.2	6
87	[O30605]: EPISODIC MEMORY PERFORMANCE IN COGNITIVELY HEALTHY TWINS WITH COGNITIVELY IMPAIRED CO-TWINS 2017 , 13, P913		
86	Metabolic signatures of birthweight in 18288 adolescents and adults. <i>International Journal of Epidemiology</i> , 2016 , 45, 1539-1550	7.8	31
85	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	4.9	80
84	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016 , 48, 1462-1472	36.3	198
83	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. <i>Nature Genetics</i> , 2016 , 48, 856-66	36.3	355
82	Familial Risk and Heritability of Cancer Among Twins in Nordic Countries. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 68-76	27.4	391
81	Author response: Genetic and environmental influences on adult human height across birth cohorts from 1886 to 1994 2016 ,		2
80	Genetic and environmental influences on adult human height across birth cohorts from 1886 to 1994. <i>ELife</i> , 2016 , 5,	8.9	27
79	Midlife Physical Activity and Cognition Later in Life: A Prospective Twin Study. <i>Journal of Alzheimer's Disease</i> , 2016 , 54, 1303-1317	4.3	9
78	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	4.1	12
77	P3-367: Cognitive Reserve as Indexed by Educational and Occupational Attainment Moderates the Association Between Cardiovascular Disease and Dementia 2016 , 12, P989-P990		
76	Twin 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, 112-24	2.2	16

75	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	5.2	12
74	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, 371-9	7	125
73	Genome-wide time-to-event analysis on smoking progression stages in a family-based study. <i>Brain and Behavior</i> , 2016 , 6, e00462	3.4	12
72	Age- and sex-specific causal effects of adiposity on cardiovascular risk factors. <i>Diabetes</i> , 2015 , 64, 1841-52	2.9	50
71	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-463	50.4	119
70	Physical activity, fitness, glucose homeostasis, and brain morphology in twins. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 509-18	1.2	28
69	Cigarette smoking and alcohol use as predictors of disability retirement: A population-based cohort study. <i>Drug and Alcohol Dependence</i> , 2015 , 155, 260-6	4.9	15
68	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, 557-70	2.2	20
67	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, 348-60	2.2	48
66	Higher Prevalence of Left-Handedness in Twins? Not After Controlling Birth Time Confounders. <i>Twin Research and Human Genetics</i> , 2015 , 18, 526-32	2.2	9
65	The negative affect hypothesis of noise sensitivity. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 5284-303	4.6	17
64	Elucidating the relationship between noise sensitivity and personality. <i>Noise and Health</i> , 2015 , 17, 165-71	1.9	47
63	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		
62	Genome wide association study identifies variants in NBEA associated with migraine in bipolar disorder. <i>Journal of Affective Disorders</i> , 2015 , 172, 453-61	6.6	12
61	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
60	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
59	The association of noise sensitivity with music listening, training, and aptitude. <i>Noise and Health</i> , 2015 , 17, 350-7	0.9	16
58	Long-term consistency of diurnal-type preferences among men. <i>Chronobiology International</i> , 2014 , 31, 182-8	3.6	62

57	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	3.2	80
56	Genome-wide association study on detailed profiles of smoking behavior and nicotine dependence in a twin sample. <i>Molecular Psychiatry</i> , 2014 , 19, 615-24	15.1	47
55	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
54	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 1345-52	36.3	597
53	Midlife cardiovascular risk factors and late cognitive impairment. <i>European Journal of Epidemiology</i> , 2013 , 28, 405-16	12.1	47
52	Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , 2013 , 45, 912-917	36.3	276
51	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. <i>PLoS Medicine</i> , 2013 , 10, e1001474	11.6	144
50	Distinct loci in the CHRNA5/CHRNA3/CHRNA4 gene cluster are associated with onset of regular smoking. <i>Genetic Epidemiology</i> , 2013 , 37, 846-59	2.6	26
49	Midlife sleep characteristics associated with late life cognitive function. <i>Sleep</i> , 2013 , 36, 1533-41, 1541A	1.1	88
48	Noise Sensitivity and Multiple Chemical Sensitivity. <i>Noise and Vibration Worldwide</i> , 2013 , 44, 9-15	0.8	
47	Noise sensitivity and disability retirement: a longitudinal twin study. <i>Journal of Occupational and Environmental Medicine</i> , 2013 , 55, 365-70	2	8
46	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, 720-33	4.9	48
45	Increased genetic vulnerability to smoking at CHRNA5 in early-onset smokers. <i>Archives of General Psychiatry</i> , 2012 , 69, 854-60		65
44	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	1.5	3
43	Noise sensitivity and multiple chemical sensitivity scales: properties in a population based epidemiological study. <i>Noise and Health</i> , 2012 , 14, 215-23	0.9	19
42	Self-reported life satisfaction and alcohol use: a 15-year follow-up of healthy adult twins. <i>Alcohol and Alcoholism</i> , 2012 , 47, 160-8	3.5	34
41	Handedness in the helsinki ultrasound trial. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 37, 638-42	5.8	12
40	Noise sensitivity and hearing disability. <i>Noise and Health</i> , 2011 , 13, 51-8	0.9	14

39	Noise exposure of musicians of a ballet orchestra. <i>Noise and Health</i> , 2011 , 13, 59-63	0.9	22
38	Midlife alcohol consumption and later risk of cognitive impairment: a twin follow-up study. <i>Journal of Alzheimer's Disease</i> , 2010 , 22, 939-48	4.3	28
37	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, 1314-21	10.3	46
36	Geographical structure and differential natural selection among North European populations. <i>Genome Research</i> , 2009 , 19, 804-14	9.7	68
35	Genetic linkage findings for DSM-IV nicotine withdrawal in two populations. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009 , 150B, 950-9	3.5	17
34	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, 673-84	15.1	81
33	Linkage of nicotine dependence and smoking behavior on 10q, 7q and 11p in twins with homogeneous genetic background. <i>Pharmacogenomics Journal</i> , 2008 , 8, 209-19	3.5	39
32	Heritability of diurnal type: a nationwide study of 8753 adult twin pairs. <i>Journal of Sleep Research</i> , 2007 , 16, 156-62	5.8	167
31	The association of noise sensitivity with coronary heart and cardiovascular mortality among Finnish adults. <i>Science of the Total Environment</i> , 2007 , 372, 406-12	10.2	40
30	Genetic linkage to chromosome 22q12 for a heavy-smoking quantitative trait in two independent samples. <i>American Journal of Human Genetics</i> , 2007 , 80, 856-66	11	83
29	Genetic Component of Noise Sensitivity. <i>Twin Research and Human Genetics</i> , 2005 , 8, 245-249	2.2	60
28	Detection of diabetic retinopathy: a comparison between red-free digital images and colour transparencies. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2005 , 243, 427-32	3.8	4
27	Genetic component of noise sensitivity. <i>Twin Research and Human Genetics</i> , 2005 , 8, 245-9	2.2	22
26	Somatic and psychological characteristics of noise-sensitive adults in Finland. <i>Archives of Environmental Health</i> , 2004 , 59, 410-7		22
25	Life dissatisfaction and subsequent work disability in an 11-year follow-up. <i>Psychological Medicine</i> , 2004 , 34, 221-8	6.9	62
24	Detection of retinal neovascularizations using 45 degrees and 60 degrees photographic fields with varying 45 degrees fields simulated on a 60 degrees photograph. <i>Acta Ophthalmologica</i> , 2002 , 80, 372-8		7
23	Life satisfaction and suicide: a 20-year follow-up study. <i>American Journal of Psychiatry</i> , 2001 , 158, 433-9	11.9	292
22	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	22

21	A comparison between one- and two-field 60 degree fundus photography when screening for diabetic retinopathy. <i>Acta Ophthalmologica</i> , 2000 , 78, 14-20		14
20	Self-reported life satisfaction and 20-year mortality in healthy Finnish adults. <i>American Journal of Epidemiology</i> , 2000 , 152, 983-91	3.8	264
19	Assessment of diabetic retinopathy using two-field 60 degrees fundus photography. A comparison between red-free, black-and-white prints and colour transparencies. <i>Acta Ophthalmologica</i> , 1999 , 77, 638-47		15
18	Magnetic fields of transmission lines and depression. <i>American Journal of Epidemiology</i> , 1997 , 146, 1037-48	3.8	34
17	Prevalence and genetics of sleepwalking: a population-based twin study. <i>Neurology</i> , 1997 , 48, 177-81	6.5	267
16	Self-rated depression in 12,063 middle-aged adults. <i>Nordic Journal of Psychiatry</i> , 1997 , 51, 331-338	2.3	21
15	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, 157-67	4.1	69
14	Daytime sleepiness in an adult, Finnish population. <i>Journal of Internal Medicine</i> , 1996 , 239, 417-23	10.8	150
13	Narcolepsy-like symptoms among adult twins. <i>Journal of Sleep Research</i> , 1996 , 5, 55-60	5.8	21
12	Migraine and concomitant symptoms among 8167 adult twin pairs. <i>Headache</i> , 1995 , 35, 70-8	4.2	133
11	Residential exposure to magnetic fields generated by 110-400 kV power lines in Finland. <i>Bioelectromagnetics</i> , 1995 , 16, 365-76	1.6	15
10	The prevalence of narcolepsy: an epidemiological study of the Finnish Twin Cohort. <i>Annals of Neurology</i> , 1994 , 35, 709-16	9.4	186
9	The Ullanlinna Narcolepsy Scale: validation of a measure of symptoms in the narcoleptic syndrome. <i>Journal of Sleep Research</i> , 1994 , 3, 52-59	5.8	97
8	Snoring and cardiovascular risk factors. <i>Annals of Medicine</i> , 1994 , 26, 371-6	1.5	34
7	A population-based survey of headache and migraine in 22,809 adults. <i>Headache</i> , 1993 , 33, 403-12	4.2	58
6	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, 441-6		6
5	Genetic and environmental factors in sciatica. Evidence from a nationwide panel of 9365 adult twin pairs. <i>Annals of Medicine</i> , 1989 , 21, 393-8	1.5	70
4	Hostility as a risk factor for mortality and ischemic heart disease in men. <i>Psychosomatic Medicine</i> , 1988 , 50, 330-40	3.7	164

- 3 Snoring as a risk factor for ischaemic heart disease and stroke in men. *British Medical Journal*, **1987**, 294, 16-9 345
- 2 Design and sampling considerations, response rates, and representativeness in a Finnish Twin Family Study. *Acta Geneticae Medicae Et Gemellologiae*, **1987**, 36, 79-93 3
- 1 Snoring as a risk factor for hypertension and angina pectoris. *Lancet, The*, **1985**, 1, 893-6 40 269