

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6824880/kauko-heikkila-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
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 studies of body mass index yield new insights for obesity biology. <i>Nature</i> , <b>2015</b> , 518, 197-206	50.4	2687
109	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , <b>2013</b> , 45, 1274-1283	36.3	1904
108	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , <b>2015</b> , 518, 187-196	50.4	920
107	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , <b>2013</b> , 45, 1345-52	36.3	597
106	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , <b>2017</b> , 542, 186-190	50.4	412
105	Familial Risk and Heritability of Cancer Among Twins in Nordic Countries. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 315, 68-76	27.4	391
104	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. <i>Nature Genetics</i> , <b>2016</b> , 48, 856-66	36.3	355
103	Snoring as a risk factor for ischaemic heart disease and stroke in men. <i>British Medical Journal</i> , <b>1987</b> , 294, 16-9		345
102	Life satisfaction and suicide: a 20-year follow-up study. <i>American Journal of Psychiatry</i> , <b>2001</b> , 158, 433-9	11.9	292
101	Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , <b>2013</b> , 45, 912-917	36.3	276
100	Snoring as a risk factor for hypertension and angina pectoris. <i>Lancet, The</i> , <b>1985</b> , 1, 893-6	40	269
99	Prevalence and genetics of sleepwalking: a population-based twin study. <i>Neurology</i> , <b>1997</b> , 48, 177-81	6.5	267
98	Self-reported life satisfaction and 20-year mortality in healthy Finnish adults. <i>American Journal of Epidemiology</i> , <b>2000</b> , 152, 983-91	3.8	264
97	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , <b>2016</b> , 48, 1462-1472	36.3	198
96	The prevalence of narcolepsy: an epidemiological study of the Finnish Twin Cohort. <i>Annals of Neurology</i> , <b>1994</b> , 35, 709-16	9.4	186
95	Heritability of diurnal type: a nationwide study of 8753 adult twin pairs. <i>Journal of Sleep Research</i> , <b>2007</b> , 16, 156-62	5.8	167
94	Hostility as a risk factor for mortality and ischemic heart disease in men. <i>Psychosomatic Medicine</i> , <b>1988</b> , 50, 330-40	3.7	164

93	Daytime sleepiness in an adult, Finnish population. <i>Journal of Internal Medicine</i> , <b>1996</b> , 239, 417-23	10.8	150
92	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. <i>PLoS Medicine</i> , <b>2013</b> , 10, e1001474	11.6	144
91	Migraine and concomitant symptoms among 8167 adult twin pairs. <i>Headache</i> , <b>1995</b> , 35, 70-8	4.2	133
90	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> , <b>2016</b> , 104, 371-9	7	125
89	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , <b>2015</b> , 523, 459-463	50.4	119
88	The Ullanlinna Narcolepsy Scale: validation of a measure of symptoms in the narcoleptic syndrome. <i>Journal of Sleep Research</i> , <b>1994</b> , 3, 52-59	5.8	97
87	Midlife sleep characteristics associated with late life cognitive function. <i>Sleep</i> , <b>2013</b> , 36, 1533-41, 1541A	11.1	88
86	Genetic linkage to chromosome 22q12 for a heavy-smoking quantitative trait in two independent samples. <i>American Journal of Human Genetics</i> , <b>2007</b> , 80, 856-66	11	83
85	Replication of linkage on chromosome 7q22 and association of the regional Reelin gene with working memory in schizophrenia families. <i>Molecular Psychiatry</i> , <b>2008</b> , 13, 673-84	15.1	81
84	Genetic and environmental influences on height from infancy to early adulthood: An individual-based pooled analysis of 45 twin cohorts. <i>Scientific Reports</i> , <b>2016</b> , 6, 28496	4.9	80
83	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> , <b>2014</b> , 44, 295-313	3.2	80
82	Genetic and environmental factors in sciatica. Evidence from a nationwide panel of 9365 adult twin pairs. <i>Annals of Medicine</i> , <b>1989</b> , 21, 393-8	1.5	70
81	Interpersonal conflict as a predictor of work disability: a follow-up study of 15,348 Finnish employees. <i>Journal of Psychosomatic Research</i> , <b>1996</b> , 40, 157-67	4.1	69
80	Geographical structure and differential natural selection among North European populations. <i>Genome Research</i> , <b>2009</b> , 19, 804-14	9.7	68
79	Increased genetic vulnerability to smoking at CHRNA5 in early-onset smokers. <i>Archives of General Psychiatry</i> , <b>2012</b> , 69, 854-60		65
78	Long-term consistency of diurnal-type preferences among men. <i>Chronobiology International</i> , <b>2014</b> , 31, 182-8	3.6	62
77	Life dissatisfaction and subsequent work disability in an 11-year follow-up. <i>Psychological Medicine</i> , <b>2004</b> , 34, 221-8	6.9	62
76	Genetic Component of Noise Sensitivity. <i>Twin Research and Human Genetics</i> , <b>2005</b> , 8, 245-249	2.2	60

75	A population-based survey of headache and migraine in 22,809 adults. <i>Headache</i> , <b>1993</b> , 33, 403-12	4.2	58
74	Age- and sex-specific causal effects of adiposity on cardiovascular risk factors. <i>Diabetes</i> , <b>2015</b> , 64, 1841-52	5.9	50
73	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> , <b>2015</b> , 18, 348-60	2.2	48
72	Analysis of detailed phenotype profiles reveals CHRNA5-CHRNA3-CHRNA4 gene cluster association with several nicotine dependence traits. <i>Nicotine and Tobacco Research</i> , <b>2012</b> , 14, 720-33	4.9	48
71	Midlife cardiovascular risk factors and late cognitive impairment. <i>European Journal of Epidemiology</i> , <b>2013</b> , 28, 405-16	12.1	47
70	Elucidating the relationship between noise sensitivity and personality. <i>Noise and Health</i> , <b>2015</b> , 17, 165-71	6.9	47
69	Genome-wide association study on detailed profiles of smoking behavior and nicotine dependence in a twin sample. <i>Molecular Psychiatry</i> , <b>2014</b> , 19, 615-24	15.1	47
68	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> , <b>2010</b> , 53, 1314-21	10.3	46
67	The association of noise sensitivity with coronary heart and cardiovascular mortality among Finnish adults. <i>Science of the Total Environment</i> , <b>2007</b> , 372, 406-12	10.2	40
66	Linkage of nicotine dependence and smoking behavior on 10q, 7q and 11p in twins with homogeneous genetic background. <i>Pharmacogenomics Journal</i> , <b>2008</b> , 8, 209-19	3.5	39
65	Self-reported life satisfaction and alcohol use: a 15-year follow-up of healthy adult twins. <i>Alcohol and Alcoholism</i> , <b>2012</b> , 47, 160-8	3.5	34
64	Magnetic fields of transmission lines and depression. <i>American Journal of Epidemiology</i> , <b>1997</b> , 146, 1037-45	3.8	34
63	Snoring and cardiovascular risk factors. <i>Annals of Medicine</i> , <b>1994</b> , 26, 371-6	1.5	34
62	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , <b>2021</b> , 5, 59-70	12.8	33
61	Metabolic signatures of birthweight in 18288 adolescents and adults. <i>International Journal of Epidemiology</i> , <b>2016</b> , 45, 1539-1550	7.8	31
60	Physical activity, fitness, glucose homeostasis, and brain morphology in twins. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 509-18	1.2	28
59	Midlife alcohol consumption and later risk of cognitive impairment: a twin follow-up study. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 22, 939-48	4.3	28
58	Genetic and environmental influences on adult human height across birth cohorts from 1886 to 1994. <i>eLife</i> , <b>2016</b> , 5,	8.9	27

57	Distinct loci in the CHRNA5/CHRNA3/CHRNA4 gene cluster are associated with onset of regular smoking. <i>Genetic Epidemiology</i> , <b>2013</b> , 37, 846-59	2.6	26
56	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. <i>Nature Communications</i> , <b>2020</b> , 11, 3368	17.4	22
55	Somatic and psychological characteristics of noise-sensitive adults in Finland. <i>Archives of Environmental Health</i> , <b>2004</b> , 59, 410-7		22
54	SELF-REPORT OF TRANSPORTATION NOISE EXPOSURE, ANNOYANCE AND NOISE SENSITIVITY IN RELATION TO NOISE MAP INFORMATION. <i>Journal of Sound and Vibration</i> , <b>2000</b> , 234, 191-206	3.9	22
53	Genetic component of noise sensitivity. <i>Twin Research and Human Genetics</i> , <b>2005</b> , 8, 245-9	2.2	22
52	Noise exposure of musicians of a ballet orchestra. <i>Noise and Health</i> , <b>2011</b> , 13, 59-63	0.9	22
51	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> , <b>2017</b> , 46, 116-127	7.8	21
50	Self-rated depression in 12,063 middle-aged adults. <i>Nordic Journal of Psychiatry</i> , <b>1997</b> , 51, 331-338	2.3	21
49	Narcolepsy-like symptoms among adult twins. <i>Journal of Sleep Research</i> , <b>1996</b> , 5, 55-60	5.8	21
48	Zygoty 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> , <b>2015</b> , 18, 557-70	2.2	20
47	Noise sensitivity and multiple chemical sensitivity scales: properties in a population based epidemiological study. <i>Noise and Health</i> , <b>2012</b> , 14, 215-23	0.9	19
46	The negative affect hypothesis of noise sensitivity. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 5284-303	4.6	17
45	Genetic linkage findings for DSM-IV nicotine withdrawal in two populations. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2009</b> , 150B, 950-9	3.5	17
44	Early adolescent aggression predicts antisocial personality disorder in young adults: a population-based study. <i>European Child and Adolescent Psychiatry</i> , <b>2019</b> , 28, 341-350	5.5	16
43	FinnTwin12 Cohort: An Updated Review. <i>Twin Research and Human Genetics</i> , <b>2019</b> , 22, 302-311	2.2	16
42	The association of noise sensitivity with music listening, training, and aptitude. <i>Noise and Health</i> , <b>2015</b> , 17, 350-7	0.9	16
41	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> , <b>2016</b> , 19, 112-24	2.2	16
40	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> , <b>2017</b> , 46, 1488-1498	7.8	15

39	Cigarette smoking and alcohol use as predictors of disability retirement: A population-based cohort study. <i>Drug and Alcohol Dependence</i> , <b>2015</b> , 155, 260-6	4.9	15
38	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> , <b>1999</b> , 77, 638-47		15
37	Residential exposure to magnetic fields generated by 110-400 kV power lines in Finland. <i>Bioelectromagnetics</i> , <b>1995</b> , 16, 365-76	1.6	15
36	Chronic diseases and objectively monitored physical activity profile among aged individuals - a cross-sectional twin cohort study. <i>Annals of Medicine</i> , <b>2019</b> , 51, 78-87	1.5	15
35	Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache. <i>International Journal of Epidemiology</i> , <b>2020</b> , 49, 1022-1031	7.8	15
34	A comparison between one- and two-field 60 degree fundus photography when screening for diabetic retinopathy. <i>Acta Ophthalmologica</i> , <b>2000</b> , 78, 14-20		14
33	Noise sensitivity and hearing disability. <i>Noise and Health</i> , <b>2011</b> , 13, 51-8	0.9	14
32	Testing the reciprocal association between smoking and depressive symptoms from adolescence to adulthood: A longitudinal twin study. <i>Drug and Alcohol Dependence</i> , <b>2019</b> , 200, 64-70	4.9	13
31	FinnTwin16: A Longitudinal Study from Age 16 of a Population-Based Finnish Twin Cohort. <i>Twin Research and Human Genetics</i> , <b>2019</b> , 22, 530-539	2.2	13
30	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> , <b>2018</b> , 8, 9400	4.9	13
29	Identification, Heritability, and Relation With Gene Expression of Novel DNA Methylation Loci for Blood Pressure. <i>Hypertension</i> , <b>2020</b> , 76, 195-205	8.5	12
28	Objectively measured physical activity profile and cognition in Finnish elderly twins. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2018</b> , 4, 263-271	6	12
27	Genome wide association study identifies variants in NBEA associated with migraine in bipolar disorder. <i>Journal of Affective Disorders</i> , <b>2015</b> , 172, 453-61	6.6	12
26	Handedness in the helsinki ultrasound trial. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2011</b> , 37, 638-42	5.8	12
25	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> , <b>2016</b> , 16, 720	4.1	12
24	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> , <b>2016</b> , 4, 118-125	5.2	12
23	Genome-wide time-to-event analysis on smoking progression stages in a family-based study. <i>Brain and Behavior</i> , <b>2016</b> , 6, e00462	3.4	12
22	Triplets, birthweight, and handedness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 6076-6081	11.5	10

21	Higher Prevalence of Left-Handedness in Twins? Not After Controlling Birth Time Confounders. <i>Twin Research and Human Genetics</i> , <b>2015</b> , 18, 526-32	2.2	9
20	Midlife Physical Activity and Cognition Later in Life: A Prospective Twin Study. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 54, 1303-1317	4.3	9
19	Predictive Association of Smoking with Depressive Symptoms: a Longitudinal Study of Adolescent Twins. <i>Prevention Science</i> , <b>2019</b> , 20, 1021-1030	4	8
18	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> , <b>2018</b> , 120, 53-60	2.2	8
17	Noise sensitivity and disability retirement: a longitudinal twin study. <i>Journal of Occupational and Environmental Medicine</i> , <b>2013</b> , 55, 365-70	2	8
16	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> , <b>2002</b> , 80, 372-8		7
15	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> , <b>2017</b> , 20, 395-405	2.2	6
14	Habitual sleep disturbances and migraine: a Mendelian randomization study. <i>Annals of Clinical and Translational Neurology</i> , <b>2020</b> , 7, 2370-2380	5.3	6
13	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> , <b>1990</b> , 39, 441-6		6
12	Detection of diabetic retinopathy: a comparison between red-free digital images and colour transparencies. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2005</b> , 243, 427-32	3.8	4
11	Association between smoking behavior patterns and chronic obstructive pulmonary disease: a long-term follow-up study among Finnish adults. <i>Annals of Medicine</i> , <b>2012</b> , 44, 598-606	1.5	3
10	Design and sampling considerations, response rates, and representativeness in a Finnish Twin Family Study. <i>Acta Geneticae Medicae Et Gemellologiae</i> , <b>1987</b> , 36, 79-93		3
9	Author response: Genetic and environmental influences on adult human height across birth cohorts from 1886 to 1994 <b>2016</b> ,		2
8	Genetic meta-analysis of twin birth weight shows high genetic correlation with singleton birth weight. <i>Human Molecular Genetics</i> , <b>2021</b> , 30, 1894-1905	5.6	1
7	Sensitivity to Noise Following a Mild Traumatic Brain Injury: A Longitudinal Study. <i>Journal of Head Trauma Rehabilitation</i> , <b>2021</b> , 36, E289-E301	3	1
6	[O30605]: EPISODIC MEMORY PERFORMANCE IN COGNITIVELY HEALTHY TWINS WITH COGNITIVELY IMPAIRED CO-TWINS <b>2017</b> , 13, P913		
5	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 <b>2015</b> , 11, P335-P335		
4	Noise Sensitivity and Multiple Chemical Sensitivity. <i>Noise and Vibration Worldwide</i> , <b>2013</b> , 44, 9-15	0.8	

- 3 The Epidemiology of Noise Sensitivity in New Zealand. *Neuroepidemiology*, **2020**, 54, 482-489 5.4
- 2 P3-367: Cognitive Reserve as Indexed by Educational and Occupational Attainment Moderates the Association Between Cardiovascular Disease and Dementia **2016**, 12, P989-P990
- 1 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 3.7