Ville Karhunen

List of Publications by Year
in descending order

54	3,167	304602	206029
papers	citations	22 h-index	48 g-index

58	58	58	6640
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. Nature Genetics, 2016, 48, 624-633.	9.4	870
2	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. Nature Genetics, 2019, 51, 245-257.	9.4	536
3	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	2.6	326
4	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	1.5	95
5	DNA methylation links prenatal smoking exposure to later life health outcomes in offspring. Clinical Epigenetics, 2019, 11, 97.	1.8	88
6	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. Science Advances, 2019, 5, eaaw3095.	4.7	86
7	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. Human Molecular Genetics, 2019, 28, 3327-3338.	1.4	76
8	Urate, Blood Pressure, and Cardiovascular Disease. Hypertension, 2021, 77, 383-392.	1.3	75
9	Genetic variation influencing DNA methylation provides insights into molecular mechanisms regulating genomic function. Nature Genetics, 2022, 54, 18-29.	9.4	60
10	Genetic Associations Between Childhood Psychopathology and Adult Depression and Associated Traits in 42â€¯998 Individuals. JAMA Psychiatry, 2020, 77, 715.	6.0	56
11	Relationship Between Blood Pressure and Incident Cardiovascular Disease: Linear and Nonlinear Mendelian Randomization Analyses. Hypertension, 2021, 77, 2004-2013.	1.3	55
12	Genetic analysis of over half a million people characterises C-reactive protein loci. Nature Communications, 2022, 13, 2198.	5.8	48
13	Multi-ancestry genome-wide association study of gestational diabetes mellitus highlights genetic links with type 2 diabetes. Human Molecular Genetics, 2022, 31, 3377-3391.	1.4	47
14	Association of maternal prenatal smoking GFI1-locus and cardio-metabolic phenotypes in 18,212 adults. EBioMedicine, 2018, 38, 206-216.	2.7	43
15	Circulating inflammatory cytokines and risk of five cancers: a Mendelian randomization analysis. BMC Medicine, 2022, 20, 3.	2.3	41
16	Variation in the SERPINA6/SERPINA1 locus alters morning plasma cortisol, hepatic corticosteroid binding globulin expression, gene expression in peripheral tissues, and risk of cardiovascular disease. Journal of Human Genetics, 2021, 66, 625-636.	1.1	40
17	Risk factors mediating the effect of body mass index and waist-to-hip ratio on cardiovascular outcomes: Mendelian randomization analysis. International Journal of Obesity, 2021, 45, 1428-1438.	1.6	39
18	Modifiable Risk Factors for Intracranial Aneurysm and Aneurysmal Subarachnoid Hemorrhage: A Mendelian Randomization Study. Journal of the American Heart Association, 2021, 10, e022277.	1.6	37

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19	DNA methylation and lipid metabolism: an EWAS of 226 metabolic measures. Clinical Epigenetics, 2021, 13, 7.	1.8	36
20	Genetic association study of childhood aggression across raters, instruments, and age. Translational Psychiatry, 2021, 11, 413.	2.4	31
21	Multivariable G-E interplay in the prediction of educational achievement. PLoS Genetics, 2020, 16, e1009153.	1.5	30
22	Cardiometabolic traits mediating the effect of education on osteoarthritis risk: a Mendelian randomization study. Osteoarthritis and Cartilage, 2021, 29, 365-371.	0.6	29
23	An epigenome-wide association study of metabolic syndrome and its components. Scientific Reports, 2020, 10, 20567.	1.6	27
24	Genome-wide Association Meta-analysis of Childhood and Adolescent Internalizing Symptoms. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 934-945.	0.3	26
25	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases. Nature Communications, 2022, 13, 2408.	5.8	26
26	GWAS on prolonged gestation (post-term birth): analysis of successive Finnish birth cohorts. Journal of Medical Genetics, 2018, 55, 55-63.	1.5	23
27	Lipid traits and type 2 diabetes risk in African ancestry individuals: A Mendelian Randomization study. EBioMedicine, 2022, 78, 103953.	2.7	23
28	Machine Learning-Based DNA Methylation Score for Fetal Exposure to Maternal Smoking: Development and Validation in Samples Collected from Adolescents and Adults. Environmental Health Perspectives, 2020, 128, 97003.	2.8	22
29	Metabolic Traits and Stroke Risk in Individuals of African Ancestry: Mendelian Randomization Analysis. Stroke, 2021, 52, 2680-2684.	1.0	22
30	Metabolomic signatures of low birthweight: Pathways to insulin resistance and oxidative stress. PLoS ONE, 2018, 13, e0194316.	1.1	21
31	Association of Body Mass Index with Fecal Microbial Diversity and Metabolites in the Northern Finland Birth Cohort. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 2289-2299.	1.1	20
32	Systematic evaluation of the association between hemoglobin levels and metabolic profile implicates beneficial effects of hypoxia. Science Advances, 2021, 7, .	4.7	19
33	The link between attention deficit hyperactivity disorder (ADHD) symptoms and obesity-related traits: genetic and prenatal explanations. Translational Psychiatry, 2021, 11, 455.	2.4	19
34	Exploring the role of genetic confounding in the association between maternal and offspring body mass index: evidence from three birth cohorts. International Journal of Epidemiology, 2020, 49, 233-243.	0.9	18
35	Genetically Predicted Midlife Blood Pressure and Coronary Artery Disease Risk: Mendelian Randomization Analysis. Journal of the American Heart Association, 2020, 9, e016773.	1.6	17
36	Metabolic profiles of socio-economic position: a multi-cohort analysis. International Journal of Epidemiology, 2021, 50, 768-782.	0.9	15

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37	Exploring the causal effect of maternal pregnancy adiposity on offspring adiposity: Mendelian randomisation using polygenic risk scores. BMC Medicine, 2022, 20, 34.	2.3	14
38	Genetic Evidence for Repurposing of GLP1R (Glucagonâ€Like Peptideâ€1 Receptor) Agonists to Prevent Heart Failure. Journal of the American Heart Association, 2021, 10, e020331.	1.6	13
39	Continuity of Genetic Risk for Aggressive Behavior Across the Life-Course. Behavior Genetics, 2021, 51, 592-606.	1.4	13
40	ACE inhibition and cardiometabolic risk factors, lungACE2andTMPRSS2gene expression, and plasma ACE2 levels: a Mendelian randomization study. Royal Society Open Science, 2020, 7, 200958.	1.1	12
41	SERPINA1 methylation and lung function in tobacco-smoke exposed European children and adults: a meta-analysis of ALEC population-based cohorts. Respiratory Research, 2018, 19, 156.	1.4	11
42	Understanding the complexity of glycaemic health: systematic bio-psychosocial modelling of fasting glucose in middle-age adults; a DynaHEALTH study. International Journal of Obesity, 2019, 43, 1181-1192.	1.6	11
43	Association between Birth Characteristics and Cardiovascular Autonomic Function at Mid-Life. PLoS ONE, 2016, 11, e0161604.	1.1	9
44	Identification of disease-associated loci using machine learning for genotype and network data integration. Bioinformatics, 2019, 35, 5182-5190.	1.8	7
45	Leveraging human genetic data to investigate the cardiometabolic effects of glucose-dependent insulinotropic polypeptide signalling. Diabetologia, 2021, 64, 2773-2778.	2.9	7
46	Inhibition of interleukin 6 signalling and renal function: A Mendelian randomization study. British Journal of Clinical Pharmacology, 2021, 87, 3000-3013.	1.1	4
47	Genetically proxied growthâ€differentiation factor 15 levels and body mass index. British Journal of Clinical Pharmacology, 2021, 87, 4036-4039.	1.1	4
48	Childhood growth patterns and cardiovascular autonomic modulation in midlife: Northern Finland 1966 Birth Cohort Study. International Journal of Obesity, 2019, 43, 2264-2272.	1.6	3
49	Common variation at 16p11.2 is associated with glycosuria in pregnancy: findings from a genome-wide association study in European women. Human Molecular Genetics, 2020, 29, 2098-2106.	1.4	3
50	Overview of CAPICEâ€”Childhood and Adolescence Psychopathology: unravelling the complex etiology by a large Interdisciplinary Collaboration in Europeâ€”an EU Marie SkÅ‚odowska-Curie International Training Network. European Child and Adolescent Psychiatry, 2021, , 1.	2.8	2
51	Multivariable G-E interplay in the prediction of educational achievement. , 2020, 16, e1009153.		0
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