

Marjo-Riitta Jarvelin

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.

599
papers

70,496
citations

122
h-index

254
g-index

636
ext. papers

83,200
ext. citations

10.1
avg, IF

6.53
L-index

#	Paper	IF	Citations
599	Work-related stress and well-being in association with epigenetic age acceleration: A Northern Finland Birth Cohort 1966 Study.. <i>Aging</i> , 2022 , 14,	5.6	1
598	Exploring the causal effect of maternal pregnancy adiposity on offspring adiposity: Mendelian randomisation using polygenic risk scores.. <i>BMC Medicine</i> , 2022 , 20, 34	11.4	0
597	Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles.. <i>Nature Genetics</i> , 2022 , 54, 152-160	36.3	13
596	Genetic variation influencing DNA methylation provides insights into molecular mechanisms regulating genomic function.. <i>Nature Genetics</i> , 2022 ,	36.3	6
595	Circulating inflammatory cytokines and risk of five cancers: a Mendelian randomization analysis.. <i>BMC Medicine</i> , 2022 , 20, 3	11.4	1
594	Monitoring temporal trends of dioxins, organochlorine pesticides and chlorinated paraffins in pooled serum samples collected from Northern Norwegian women: The MISA cohort study. <i>Environmental Research</i> , 2022 , 204, 111980	7.9	2
593	Genome-wide Association Meta-analysis of Childhood and Adolescent Internalizing Symptoms.. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022 ,	7.2	2
592	Genetic analysis of over half a million people characterises C-reactive protein loci.. <i>Nature Communications</i> , 2022 , 13, 2198	17.4	2
591	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases.. <i>Nature Communications</i> , 2022 , 13, 2408	17.4	1
590	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
589	Rare variant analysis in eczema identifies exonic variants in DUSP1, NOTCH4 and SLC9A4. <i>Nature Communications</i> , 2021 , 12, 6618	17.4	2
588	A population-based follow-up study shows high psychosis risk in women with PCOS. <i>Archives of Women's Mental Health</i> , 2021 , 1	5	0
587	Effects of a lifestyle intervention programme after 1 year of follow-up among South Asians at high risk of type 2 diabetes: a cluster randomised controlled trial. <i>BMJ Global Health</i> , 2021 , 6,	6.6	1
586	Metabolic profiles of socio-economic position: a multi-cohort analysis. <i>International Journal of Epidemiology</i> , 2021 , 50, 768-782	7.8	3
585	Association of Self-Reported Polycystic Ovary Syndrome, Obesity, and Weight Gain From Adolescence to Adulthood With Hypertensive Disorders of Pregnancy: A Community-Based Approach. <i>Hypertension</i> , 2021 , 77, 1010-1019	8.5	2
584	The EU Child Cohort Network's core data: establishing a set of findable, accessible, interoperable and re-usable (FAIR) variables. <i>European Journal of Epidemiology</i> , 2021 , 36, 565-580	12.1	6
583	Genetic variation in cervical preinvasive and invasive disease: a genome-wide association study. <i>Lancet Oncology</i> , 2021 , 22, 548-557	21.7	10

582	Genetic analysis in European ancestry individuals identifies 517 loci associated with liver enzymes. <i>Nature Communications</i> , 2021 , 12, 2579	17.4	7
581	Markers of metabolic health and gut microbiome diversity: findings from two population-based cohort studies. <i>Diabetologia</i> , 2021 , 64, 1749-1759	10.3	7
580	The determinants and longitudinal changes in vitamin D status in middle-age: a Northern Finland Birth Cohort 1966 study. <i>European Journal of Nutrition</i> , 2021 , 60, 4541-4553	5.2	3
579	Hyperandrogenemia in Early Adulthood Is an Independent Risk Factor for Abnormal Glucose Metabolism in Middle Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e4621-e4633	5.6	0
578	Epigenome-Wide Association Study Reveals Methylation Loci Associated With Offspring Gestational Diabetes Mellitus Exposure and Maternal Methylome. <i>Diabetes Care</i> , 2021 , 44, 1992-1999	14.6	3
577	Genetic correlation and causal relationships between cardio-metabolic traits and lung function impairment. <i>Genome Medicine</i> , 2021 , 13, 104	14.4	2
576	Meta-analysis of epigenome-wide association studies of carotid intima-media thickness. <i>European Journal of Epidemiology</i> , 2021 , 36, 1143-1155	12.1	4
575	Genetic association study of childhood aggression across raters, instruments, and age. <i>Translational Psychiatry</i> , 2021 , 11, 413	8.6	7
574	Reaction times, learning, and executive functioning in adults born preterm. <i>Pediatric Research</i> , 2021 , 89, 198-204	3.2	2
573	Maternal and infant prediction of the child BMI trajectories; studies across two generations of Northern Finland birth cohorts. <i>International Journal of Obesity</i> , 2021 , 45, 404-414	5.5	3
572	BMI in childhood and adolescence is associated with impaired reproductive function-a population-based cohort study from birth to age 50 years. <i>Human Reproduction</i> , 2021 , 36, 2948-2961	5.7	2
571	Identifying causative mechanisms linking early-life stress to psycho-cardio-metabolic multi-morbidity: The EarlyCause project. <i>PLoS ONE</i> , 2021 , 16, e0245475	3.7	1
570	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021 , 12, 24	17.4	30
569	DNA methylation signatures of aggression and closely related constructs: A meta-analysis of epigenome-wide studies across the lifespan. <i>Molecular Psychiatry</i> , 2021 , 26, 2148-2162	15.1	7
568	DNA methylation and lipid metabolism: an EWAS of 226 metabolic measures. <i>Clinical Epigenetics</i> , 2021 , 13, 7	7.7	11
567	Secondary analyses of global datasets: do obesity and physical activity explain variation in diabetes risk across populations?. <i>International Journal of Obesity</i> , 2021 , 45, 944-956	5.5	2
566	Systematic evaluation of the association between hemoglobin levels and metabolic profile implicates beneficial effects of hypoxia. <i>Science Advances</i> , 2021 , 7,	14.3	2
565	Metabolic Traits and Stroke Risk in Individuals of African Ancestry: Mendelian Randomization Analysis. <i>Stroke</i> , 2021 , 52, 2680-2684	6.7	3

564	Cohort Profile: 46 years of follow-up of the Northern Finland Birth Cohort 1966 (NFBC1966). <i>International Journal of Epidemiology</i> , 2021 ,	7.8	11
563	Signatures of TSPAN8 variants associated with human metabolic regulation and diseases. <i>IScience</i> , 2021 , 24, 102893	6.1	0
562	Continuity of Genetic Risk for Aggressive Behavior Across the Life-Course. <i>Behavior Genetics</i> , 2021 , 51, 592-606	3.2	2
561	The link between attention deficit hyperactivity disorder (ADHD) symptoms and obesity-related traits: genetic and prenatal explanations. <i>Translational Psychiatry</i> , 2021 , 11, 455	8.6	4
560	Rare and low-frequency exonic variants and gene-by-smoking interactions in pulmonary function. <i>Scientific Reports</i> , 2021 , 11, 19365	4.9	0
559	Genome-Wide Association Study Identifies Two Novel Loci Associated with Female Stress and Urgency Urinary Incontinence. <i>Journal of Urology</i> , 2021 , 206, 679-687	2.5	3
558	Non-occupational exposure to pesticides and health markers in general population in Northern Finland: Differences between sexes. <i>Environment International</i> , 2021 , 156, 106766	12.9	0
557	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. <i>Journal of Human Genetics</i> , 2021 , 66, 625-636	4.3	12
556	The iHealth-T2D study, prevention of type 2 diabetes amongst South Asians with central obesity and prediabetes: study protocol for a randomised controlled trial.. <i>Trials</i> , 2021 , 22, 928	2.8	
555	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. <i>Nature Communications</i> , 2021 , 12, 7173	17.4	1
554	Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , 2021 , 12, 7174	17.4	0
553	Determinants of accelerated metabolomic and epigenetic aging in a UK cohort. <i>Aging Cell</i> , 2020 , 19, e13149	14.9	28
552	Early Growth Patterns and Cardiac Structure and Function at Midlife: Northern Finland 1966 Birth Cohort Study. <i>Journal of Pediatrics</i> , 2020 , 221, 151-158.e1	3.6	3
551	A polygenic biomarker to identify patients with severe hypercholesterolemia of polygenic origin. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1248	2.3	2
550	Maternal alcohol consumption during pregnancy associates with bone fractures in early childhood. A birth-cohort study of 6718 participants. <i>Bone</i> , 2020 , 137, 115462	4.7	2
549	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
548	Role of DNA methylation in the association of lung function with body mass index: a two-step epigenetic Mendelian randomisation study. <i>BMC Pulmonary Medicine</i> , 2020 , 20, 171	3.5	2
547	Possible Modifiers of the Association Between Change in Weight Status From Child Through Adult Ages and Later Risk of Type 2 Diabetes. <i>Diabetes Care</i> , 2020 , 43, 1000-1007	14.6	3

546	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. <i>Genome Medicine</i> , 2020 , 12, 25	14.4	37
545	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
544	Apolipoprotein A-I concentrations and risk of coronary artery disease: A Mendelian randomization study. <i>Atherosclerosis</i> , 2020 , 299, 56-63	3.1	27
543	Population-based Data at Ages 31 and 46 Show Decreased HRQoL and Life Satisfaction in Women with PCOS Symptoms. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	11
542	Could vitamin D reduce obesity-associated inflammation? Observational and Mendelian randomization study. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 1036-1047	7	12
541	Common variation at 16p11.2 is associated with glycosuria in pregnancy: findings from a genome-wide association study in European women. <i>Human Molecular Genetics</i> , 2020 , 29, 2098-2106	5.6	0
540	Common maternal and fetal genetic variants show expected polygenic effects on risk of small- or large-for-gestational-age (SGA or LGA), except in the smallest 3% of babies. <i>PLoS Genetics</i> , 2020 , 16, e1009191	6	5
539	A Polygenic and Phenotypic Risk Prediction for Polycystic Ovary Syndrome Evaluated by Phenome-Wide Association Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	17
538	Data-driven multivariate population subgrouping via lipoprotein phenotypes versus apolipoprotein B in the risk assessment of coronary heart disease. <i>Atherosclerosis</i> , 2020 , 294, 10-15	3.1	5
537	Depressive symptoms as predictors of visual memory deficits in middle-age. <i>Journal of Affective Disorders</i> , 2020 , 264, 29-34	6.6	4
536	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , 2020 , 16, e1008718	6	25
535	Parental Alcohol Use and the Alcohol Misuse of their Offspring in a Finnish Birth Cohort: Investigation of Developmental Timing. <i>Journal of Youth and Adolescence</i> , 2020 , 49, 1702-1715	4.5	5
534	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020 , 52, 1314-1332	36.3	26
533	The LifeCycle Project-EU Child Cohort Network: a federated analysis infrastructure and harmonized data of more than 250,000 children and parents. <i>European Journal of Epidemiology</i> , 2020 , 35, 709-724	12.1	25
532	Maternal pre-pregnancy overweight and gestational diabetes and dietary intakes among young adult offspring. <i>Nutrition and Diabetes</i> , 2020 , 10, 26	4.7	2
531	Association of Body Mass Index with Fecal Microbial Diversity and Metabolites in the Northern Finland Birth Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 2289-2299	4	6
530	Machine Learning-Based DNA Methylation Score for Fetal Exposure to Maternal Smoking: Development and Validation in Samples Collected from Adolescents and Adults. <i>Environmental Health Perspectives</i> , 2020 , 128, 97003	8.4	6
529	Exploring the role of genetic confounding in the association between maternal and offspring body mass index: evidence from three birth cohorts. <i>International Journal of Epidemiology</i> , 2020 , 49, 233-243	7.8	7

528	Genetic Associations Between Childhood Psychopathology and Adult Depression and Associated Traits in 42 998 Individuals: A Meta-analysis. <i>JAMA Psychiatry</i> , 2020 , 77, 715-728	14.5	15
527	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
526	Predicting 10-year mortality in older adults using VOmax, oxygen uptake efficiency slope and frailty class. <i>European Journal of Preventive Cardiology</i> , 2020 , 2047487320914435	3.9	3
525	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. <i>Science Advances</i> , 2019 , 5, eaaw3095	14.3	39
524	Variants in the fetal genome near pro-inflammatory cytokine genes on 2q13 associate with gestational duration. <i>Nature Communications</i> , 2019 , 10, 3927	17.4	21
523	Postexercise Heart Rate Recovery in Adults Born Preterm. <i>Journal of Pediatrics</i> , 2019 , 214, 89-95.e3	3.6	5
522	Circulating metabolites and the risk of type 2 diabetes: a prospective study of 11,896 young adults from four Finnish cohorts. <i>Diabetologia</i> , 2019 , 62, 2298-2309	10.3	54
521	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 2062-2074	11.5	87
520	Gestational Diabetes But Not Prepregnancy Overweight Predicts for Cardiometabolic Markers in Offspring Twenty Years Later. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2785-2795	5.6	15
519	Maternal hemoglobin associates with preterm delivery and small for gestational age in two Finnish birth cohorts. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019 , 238, 44-48	2.4	6
518	Associations of Cumulative Family Risk With Academic Performance and Substance Involvement: Tests of Moderation by Child Reading Engagement. <i>Substance Use and Misuse</i> , 2019 , 54, 1679-1690	2.2	0
517	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019 , 51, 804-814	36.3	181
516	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019 , 10, 1893	17.4	79
515	Self-Reported Polycystic Ovary Syndrome Is Associated With Hypertension: A Northern Finland Birth Cohort 1966 Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 1221-1231	5.6	15
514	Cardiac Autonomic Function in Adults Born Preterm. <i>Journal of Pediatrics</i> , 2019 , 208, 96-103.e4	3.6	8
513	Childhood growth patterns and cardiovascular autonomic modulation in midlife: Northern Finland 1966 Birth Cohort Study. <i>International Journal of Obesity</i> , 2019 , 43, 2264-2272	5.5	3
512	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , 2019 , 51, 481-493	36.3	156
511	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019 , 10, 3669	17.4	102

510	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. <i>Human Molecular Genetics</i> , 2019 , 28, 3327-3338	5.6	30
509	Cohort Profile: The DynaHEALTH consortium - a European consortium for a life-course bio-psychosocial model of healthy ageing of glucose homeostasis. <i>International Journal of Epidemiology</i> , 2019 , 48, 1051-1051k	7.8	8
508	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019 , 3, 950-961	12.8	32
507	DNA methylation links prenatal smoking exposure to later life health outcomes in offspring. <i>Clinical Epigenetics</i> , 2019 , 11, 97	7.7	42
506	Epigenome-wide association study of lung function level and its change. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	25
505	Genome-wide association and epidemiological analyses reveal common genetic origins between uterine leiomyomata and endometriosis. <i>Nature Communications</i> , 2019 , 10, 4857	17.4	34
504	Socioeconomic position, lifestyle habits and biomarkers of epigenetic aging: a multi-cohort analysis. <i>Aging</i> , 2019 , 11, 2045-2070	5.6	67
503	Antenatal corticosteroid therapy (ACT) and size at birth: A population-based analysis using the Finnish Medical Birth Register. <i>PLoS Medicine</i> , 2019 , 16, e1002746	11.6	22
502	Proof of concept for quantitative urine NMR metabolomics pipeline for large-scale epidemiology and genetics. <i>International Journal of Epidemiology</i> , 2019 , 48, 978-993	7.8	21
501	Vitamin D Levels in Women with Polycystic Ovary Syndrome: A Population-Based Study. <i>Nutrients</i> , 2019 , 11,	6.7	4
500	Lipoprotein signatures of cholesteryl ester transfer protein and HMG-CoA reductase inhibition. <i>PLoS Biology</i> , 2019 , 17, e3000572	9.7	15
499	Insulin resistance and systemic metabolic changes in oral glucose tolerance test in 5340 individuals: an interventional study. <i>BMC Medicine</i> , 2019 , 17, 217	11.4	19
498	Genome-wide association reveals contribution of MRAS to painful temporomandibular disorder in males. <i>Pain</i> , 2019 , 160, 579-591	8	26
497	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , 2019 , 51, 51-62	36.3	152
496	Maternal prepregnancy body mass index and offspring white matter microstructure: results from three birth cohorts. <i>International Journal of Obesity</i> , 2019 , 43, 1995-2006	5.5	14
495	The association between blood copper concentration and biomarkers related to cardiovascular disease risk - analysis of 206 individuals in the Northern Finland Birth Cohort 1966. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019 , 51, 12-18	4.1	3
494	Musculoskeletal pain in adults born preterm: Evidence from two birth cohort studies. <i>European Journal of Pain</i> , 2019 , 23, 461-471	3.7	2
493	Socioeconomic disadvantage and psychological deficits: Pathways from early cumulative risk to late-adolescent criminal conviction. <i>Journal of Adolescence</i> , 2018 , 65, 16-24	3.4	12

492	Identification of seven novel loci associated with amino acid levels using single-variant and gene-based tests in 8545 Finnish men from the METSIM study. <i>Human Molecular Genetics</i> , 2018 , 27, 1664-1674 ^{5,6} 20		
491	Association of Methylation Signals With Incident Coronary Heart Disease in an Epigenome-Wide Assessment of Circulating Tumor Necrosis Factor β . <i>JAMA Cardiology</i> , 2018 , 3, 463-472	16.2	17
490	Premature birth and circadian preference in young adulthood: evidence from two birth cohorts. <i>Chronobiology International</i> , 2018 , 35, 555-564	3.6	3
489	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , 2018 , 9, 260	17.4	174
488	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018 , 50, 42-53	36.3	246
487	Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families. <i>Neuron</i> , 2018 , 98, 743-753.e4	13.9	42
486	Interaction between compound genetic risk for schizophrenia and high birth weight contributes to social anhedonia and schizophrenia in women. <i>Psychiatry Research</i> , 2018 , 259, 148-153	9.9	9
485	Maternal and fetal genetic contribution to gestational weight gain. <i>International Journal of Obesity</i> , 2018 , 42, 775-784	5.5	19
484	GWAS on prolonged gestation (post-term birth): analysis of successive Finnish birth cohorts. <i>Journal of Medical Genetics</i> , 2018 , 55, 55-63	5.8	14
483	Cognition, psychosis risk and metabolic measures in two adolescent birth cohorts. <i>Psychological Medicine</i> , 2018 , 48, 2609-2623	6.9	5
482	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. <i>Nature Genetics</i> , 2018 , 50, 1072-1080	36.3	52
481	A neurobiological pathway to smoking in adolescence: TTC12-ANKK1-DRD2 variants and reward response. <i>European Neuropsychopharmacology</i> , 2018 , 28, 1103-1114	1.2	8
480	Metabolomic signatures of low birthweight: Pathways to insulin resistance and oxidative stress. <i>PLoS ONE</i> , 2018 , 13, e0194316	3.7	14
479	Food and nutrient intakes in young adults born preterm. <i>Pediatric Research</i> , 2018 , 83, 589-596	3.2	2
478	Pre-pregnancy overweight or obesity and gestational diabetes as predictors of body composition in offspring twenty years later: evidence from two birth cohort studies. <i>International Journal of Obesity</i> , 2018 , 42, 872-879	5.5	34
477	Large-scale genome-wide meta-analysis of polycystic ovary syndrome suggests shared genetic architecture for different diagnosis criteria. <i>PLoS Genetics</i> , 2018 , 14, e1007813	6	166
476	Metabolomic Consequences of Genetic Inhibition of PCSK9 Compared With Statin Treatment. <i>Circulation</i> , 2018 , 138, 2499-2512	16.7	36
475	Relationship between BMI and emotion-handling capacity in an adult Finnish population: The Northern Finland Birth Cohort 1966. <i>PLoS ONE</i> , 2018 , 13, e0203660	3.7	3

474	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018 , 103, 691-706	11	151
473	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018 , 50, 1412-1425	36.3	386
472	SERPINA1 methylation and lung function in tobacco-smoke exposed European children and adults: a meta-analysis of ALEC population-based cohorts. <i>Respiratory Research</i> , 2018 , 19, 156	7.3	9
471	Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. <i>International Journal of Epidemiology</i> , 2017 , 46, 894-904	7.8	25
470	A functional SNP associated with atopic dermatitis controls cell type-specific methylation of the VSTM1 gene locus. <i>Genome Medicine</i> , 2017 , 9, 18	14.4	15
469	Potential determinants of vitamin D in Finnish adults: a cross-sectional study from the Northern Finland birth cohort 1966. <i>BMJ Open</i> , 2017 , 7, e013161	3	22
468	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , 2017 , 49, 416-425	36.3	170
467	Shared genetic variants suggest common pathways in allergy and autoimmune diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 771-781	11.5	36
466	Longitudinal Pathways from Cumulative Contextual Risk at Birth to School Functioning in Adolescence: Analysis of Mediation Effects and Gender Moderation. <i>Journal of Youth and Adolescence</i> , 2017 , 46, 180-196	4.5	18
465	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , 2017 , 49, 834-841	36.3	257
464	Psychological Distress Is More Prevalent in Fertile Age and Premenopausal Women With PCOS Symptoms: 15-Year Follow-Up. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1861-1869	5.6	49
463	Accumulated exposure to unemployment is related to impaired glucose metabolism in middle-aged men: A follow-up of the Northern Finland Birth Cohort 1966. <i>Primary Care Diabetes</i> , 2017 , 11, 365-372	2.4	16
462	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017 , 8, 14977	17.4	105
461	Age at menarche and lung function: a Mendelian randomization study. <i>European Journal of Epidemiology</i> , 2017 , 32, 701-710	12.1	25
460	Metabolic profiling of polycystic ovary syndrome reveals interactions with abdominal obesity. <i>International Journal of Obesity</i> , 2017 , 41, 1331-1340	5.5	43
459	Heterozygous mice reveal novel roles for the planar cell polarity pathway in adult lung homeostasis and repair. <i>DMM Disease Models and Mechanisms</i> , 2017 , 10, 409-423	4.1	21
458	Objectively measured physical activity and sedentary time in young adults born preterm-The ESTER study. <i>Pediatric Research</i> , 2017 , 81, 550-555	3.2	8
457	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017 , 541, 81-86	50.4	511

456	Mother's education and offspring asthma risk in 10 European cohort studies. <i>European Journal of Epidemiology</i> , 2017 , 32, 797-805	12.1	17
455	Prospects of Fine-Mapping Trait-Associated Genomic Regions by Using Summary Statistics from Genome-wide Association Studies. <i>American Journal of Human Genetics</i> , 2017 , 101, 539-551	11	111
454	Cumulative contextual risk at birth and adolescent substance initiation: Peer mediation tests. <i>Drug and Alcohol Dependence</i> , 2017 , 177, 291-298	4.9	7
453	Leisure Time Physical Activity in Young Adults Born Preterm. <i>Journal of Pediatrics</i> , 2017 , 189, 135-142.e23.6	23.6	15
452	Childhood cumulative contextual risk and depression diagnosis among young adults: The mediating roles of adolescent alcohol use and perceived social support. <i>Journal of Adolescence</i> , 2017 , 60, 16-26	3.4	8
451	Tests of linear and nonlinear relations between cumulative contextual risk at birth and psychosocial problems during adolescence. <i>Journal of Adolescence</i> , 2017 , 60, 64-73	3.4	4
450	Does Educational Marginalization Mediate the Path from Childhood Cumulative Risk to Criminal Offending?. <i>Journal of Developmental and Life-Course Criminology</i> , 2017 , 3, 326-346	1.6	1
449	A rare-variant test for high-dimensional data. <i>European Journal of Human Genetics</i> , 2017 , 25, 988-994	5.3	8
448	MARV: a tool for genome-wide multi-phenotype analysis of rare variants. <i>BMC Bioinformatics</i> , 2017 , 18, 110	3.6	12
447	Prenatal determinants of physical activity and cardiorespiratory fitness in adolescence - Northern Finland Birth Cohort 1986 study. <i>BMC Public Health</i> , 2017 , 17, 346	4.1	10
446	Arsenic, cadmium, lead and mercury levels in blood of Finnish adults and their relation to diet, lifestyle habits and sociodemographic variables. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 1347-1362	5.1	18
445	Body mass index trajectories from 2 to 18 years - exploring differences between European cohorts. <i>Pediatric Obesity</i> , 2017 , 12, 102-109	4.6	6
444	Harmonization Study Between LC-MS/MS and Diasorin RIA for Measurement of 25-Hydroxyvitamin D Concentrations in a Large Population Survey. <i>Journal of Clinical Laboratory Analysis</i> , 2017 , 31, e22049	3	10
443	Serum C-reactive protein in adolescence and risk of schizophrenia in adulthood: A prospective birth cohort study. <i>Brain, Behavior, and Immunity</i> , 2017 , 59, 253-259	16.6	78
442	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528	6	103
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274	Dysfunction of lipid sensor GPR120 leads to obesity in both mouse and human. <i>Nature</i> , 2012 , 483, 350-4	50.4	484
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270	The interplay of variants near LEKR and CCNL1 and social stress in relation to birth size. <i>PLoS ONE</i> , 2012 , 7, e38216	3.7	4
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268	Estimation of newborn risk for child or adolescent obesity: lessons from longitudinal birth cohorts. <i>PLoS ONE</i> , 2012 , 7, e49919	3.7	74
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263	A genome-wide association meta-analysis of circulating sex hormone-binding globulin reveals multiple Loci implicated in sex steroid hormone regulation. <i>PLoS Genetics</i> , 2012 , 8, e1002805	6	116
262	Metabolic signatures of insulin resistance in 7,098 young adults. <i>Diabetes</i> , 2012 , 61, 1372-80	0.9	224
261	Evidence of inbreeding depression on human height. <i>PLoS Genetics</i> , 2012 , 8, e1002655	6	62
260	Novel Loci for metabolic networks and multi-tissue expression studies reveal genes for atherosclerosis. <i>PLoS Genetics</i> , 2012 , 8, e1002907	6	125
259	Intracranial aneurysm risk locus 5q23.2 is associated with elevated systolic blood pressure. <i>PLoS Genetics</i> , 2012 , 8, e1002563	6	18

258	Genome-wide joint meta-analysis of SNP and SNP-by-smoking interaction identifies novel loci for pulmonary function. <i>PLoS Genetics</i> , 2012 , 8, e1003098	6	108
257	Associations between pre-pregnancy obesity and asthma symptoms in adolescents. <i>Journal of Epidemiology and Community Health</i> , 2012 , 66, 809-14	5.1	51
256	Fine-scale estimation of location of birth from genome-wide single-nucleotide polymorphism data. <i>Genetics</i> , 2012 , 190, 669-77	4	7
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