

Andr G Uitterlinden

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.

596 papers	80,027 citations	135 h-index	273 g-index
635 ext. papers	98,113 ext. citations	12.3 avg, IF	6.45 L-index

#	Paper	IF	Citations
596	Impact of SNP microarray analysis of compromised DNA on kinship classification success in the context of investigative genetic genealogy. <i>Forensic Science International: Genetics</i> , 2022 , 56, 102625	4.3	6
595	Genome-wide study of DNA methylation shows alterations in metabolic, inflammatory, and cholesterol pathways in ALS.. <i>Science Translational Medicine</i> , 2022 , 14, eabj0264	17.5	4
594	DNA methylation in peripheral tissues and left-handedness.. <i>Scientific Reports</i> , 2022 , 12, 5606	4.9	0
593	New insights into the genetic etiology of Alzheimer's disease and related dementias.. <i>Nature Genetics</i> , 2022 ,	36.3	27
592	Candidate genetic variants and antidepressant-related fall risk in middle-aged and older adults.. <i>PLoS ONE</i> , 2022 , 17, e0266590	3.7	
591	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125	15.1	3
590	Genomic analysis of diet composition finds novel loci and associations with health and lifestyle. <i>Molecular Psychiatry</i> , 2021 , 26, 2056-2069	15.1	25
589	Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. <i>Nature Genetics</i> , 2021 , 53, 1636-1648	36.3	19
588	CYP11B1 variants influence skeletal maturation via alternative splicing. <i>Communications Biology</i> , 2021 , 4, 1274	6.7	0
587	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. <i>Diabetes Care</i> , 2021 ,	14.6	4
586	Genome-wide analysis of mitochondrial DNA copy number reveals loci implicated in nucleotide metabolism, platelet activation, and megakaryocyte proliferation. <i>Human Genetics</i> , 2021 , 1	6.3	3
585	Validating biomarkers and models for epigenetic inference of alcohol consumption from blood. <i>Clinical Epigenetics</i> , 2021 , 13, 198	7.7	0
584	Age-dependent sex differences in calcium and phosphate homeostasis. <i>Endocrine Connections</i> , 2021 , 10, 273-282	3.5	5
583	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
582	Vitamin K antagonist anticoagulant usage is associated with increased incidence and progression of osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 598-604	2.4	7
581	Plasma amyloid β levels are driven by genetic variants near APOE, BACE1, APP, PSEN2: A genome-wide association study in over 12,000 non-demented participants. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1663-1674	1.2	5
580	Epigenome-wide association meta-analysis of DNA methylation with coffee and tea consumption. <i>Nature Communications</i> , 2021 , 12, 2830	17.4	9

579	Genetic analysis in European ancestry individuals identifies 517 loci associated with liver enzymes. <i>Nature Communications</i> , 2021 , 12, 2579	17.4	7
578	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
577	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , 2021 , 22, 194	18.3	14
576	A comparison of genotyping arrays. <i>European Journal of Human Genetics</i> , 2021 , 29, 1611-1624	5.3	3
575	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. <i>Nature Communications</i> , 2021 , 12, 3987	17.4	3
574	Genetic association study of childhood aggression across raters, instruments, and age. <i>Translational Psychiatry</i> , 2021 , 11, 413	8.6	7
573	TCERG1L allelic variation is associated with cisplatin-induced hearing loss in childhood cancer, a PanCareLIFE study. <i>Npj Precision Oncology</i> , 2021 , 5, 64	9.8	1
572	Microbiomics, Metabolomics, Predicted Metagenomics, and Hepatic Steatosis in a Population-Based Study of 1,355 Adults. <i>Hepatology</i> , 2021 , 73, 968-982	11.2	13
571	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021 , 5, 59-70	12.8	33
570	Long-term effects of folic acid and vitamin-B12 supplementation on fracture risk and cardiovascular disease: Extended follow-up of the B-PROOF trial. <i>Clinical Nutrition</i> , 2021 , 40, 1199-1206	5.9	1
569	Assessment of Advanced Glycation End Products and Receptors and the Risk of Dementia. <i>JAMA Network Open</i> , 2021 , 4, e2033012	10.4	6
568	Genetics of osteoporosis 2021 , 405-451		1
567	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. <i>Nature Communications</i> , 2021 , 12, 654	17.4	10
566	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
565	Large-scale association analyses identify host factors influencing human gut microbiome composition. <i>Nature Genetics</i> , 2021 , 53, 156-165	36.3	80
564	Association of Insulin Resistance and Type 2 Diabetes With Gut Microbial Diversity: A Microbiome-Wide Analysis From Population Studies. <i>JAMA Network Open</i> , 2021 , 4, e2118811	10.4	12
563	Multiethnic Genome-Wide Association Study of Subclinical Atherosclerosis in Individuals With Type 2 Diabetes. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003258	5.2	0
562	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021 , 596, 393-397	30.4	28

561	Continuity of Genetic Risk for Aggressive Behavior Across the Life-Course. <i>Behavior Genetics</i> , 2021 , 51, 592-606	3.2	2
560	The genomics of heart failure: design and rationale of the HERMES consortium. <i>ESC Heart Failure</i> , 2021 ,	3.7	1
559	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021 , 53, 1311-1321	36.3	27
558	Prevalence of and risk factors for extended-spectrum beta-lactamase genes carriership in a population-based cohort of middle-aged and elderly. <i>International Journal of Antimicrobial Agents</i> , 2021 , 58, 106388	14.3	0
557	Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. <i>Cell</i> , 2021 , 184, 4784-4818.e17	36.1	17
556	Genome-wide association study of frontotemporal dementia identifies a C9ORF72 haplotype with a median of 12-G4C2 repeats that predisposes to pathological repeat expansions. <i>Translational Psychiatry</i> , 2021 , 11, 451	8.6	0
555	Role of the Microbiome in Regulating Bone Metabolism and Susceptibility to Osteoporosis. <i>Calcified Tissue International</i> , 2021 , 110, 273	3.9	3
554	The role of the gut microbiome in cognitive function and Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043197	1.2	0
553	Objectives, design and main findings until 2020 from the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2020 , 35, 483-517	12.1	115
552	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. <i>PLoS ONE</i> , 2020 , 15, e0230815	9.7	4
551	Skin Autofluorescence, a Noninvasive Biomarker for Advanced Glycation End-Products, Is Associated With Prevalent Vertebral and Major Osteoporotic Fractures: The Rotterdam Study. <i>Journal of Bone and Mineral Research</i> , 2020 , 35, 1904-1913	6.3	4
550	The association between dietary and skin advanced glycation end products: the Rotterdam Study. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 129-137	7	9
549	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020 , 11, 2542	17.4	16
548	Whole Blood DNA Methylation Signatures of Diet Are Associated With Cardiovascular Disease Risk Factors and All-Cause Mortality. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002766	5.2	18
547	The impact of thiazide diuretics on bone mineral density and the trabecular bone score: the Rotterdam Study. <i>Bone</i> , 2020 , 138, 115475	4.7	5
546	Translation of mouse model to human gives insights into periodontitis etiology. <i>Scientific Reports</i> , 2020 , 10, 4892	4.9	7
545	Validation of the BOADICEA model and a 313-variant polygenic risk score for breast cancer risk prediction in a Dutch prospective cohort. <i>Genetics in Medicine</i> , 2020 , 22, 1803-1811	8.1	17
544	Exercise with food withdrawal at thermoneutrality impacts fuel use, the microbiome, AMPK phosphorylation, muscle fibers, and thyroid hormone levels in rats. <i>Physiological Reports</i> , 2020 , 8, e14354	2.6	7

543	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. <i>American Journal of Human Genetics</i> , 2020 , 106, 389-404	11	40
542	Integration of epidemiologic, pharmacologic, genetic and gut microbiome data in a drug-metabolite atlas. <i>Nature Medicine</i> , 2020 , 26, 110-117	50.5	19
541	Diversity, compositional and functional differences between gut microbiota of children and adults. <i>Scientific Reports</i> , 2020 , 10, 1040	4.9	46
540	Rapid Low-Cost Microarray-Based Genotyping for Genetic Screening in Primary Immunodeficiency. <i>Frontiers in Immunology</i> , 2020 , 11, 614	8.4	9
539	Genetic loci associated with prevalent and incident myocardial infarction and coronary heart disease in the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium. <i>PLoS ONE</i> , 2020 , 15, e0230035	3.7	4
538	Advanced glycation end products, their receptor and the risk of dementia in the general population: A prospective cohort study. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043005	1.2	
537	Genome-wide meta-analysis identifies eight new susceptibility loci for cutaneous squamous cell carcinoma. <i>Nature Communications</i> , 2020 , 11, 820	17.4	13
536	Vertebral Fractures in Individuals With Type 2 Diabetes: More Than Skeletal Complications Alone. <i>Diabetes Care</i> , 2020 , 43, 137-144	14.6	34
535	Genetic variation of cisplatin-induced ototoxicity in non-cranial-irradiated pediatric patients using a candidate gene approach: The International PanCareLIFE Study. <i>Pharmacogenomics Journal</i> , 2020 , 20, 294-305	3.5	11
534	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. <i>Nature Communications</i> , 2020 , 11, 163	17.4	140
533	Genome-wide meta-analysis of variant-by-diuretic interactions as modulators of lipid traits in persons of European and African ancestry. <i>Pharmacogenomics Journal</i> , 2020 , 20, 482-493	3.5	1
532	Skeletal maturation in relation to ethnic background in children of school age: The Generation R Study. <i>Bone</i> , 2020 , 132, 115180	4.7	10
531	Genetic basis of falling risk susceptibility in the UK Biobank Study. <i>Communications Biology</i> , 2020 , 3, 543	6.7	3
530	Usefulness of current candidate genetic markers to identify childhood cancer patients at risk for platinum-induced ototoxicity: Results of the European PanCareLIFE cohort study. <i>European Journal of Cancer</i> , 2020 , 138, 212-224	7.5	12
529	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020 , 11, 4796	17.4	16
528	Serum fatty acid chain length associates with prevalent symptomatic end-stage osteoarthritis, independent of BMI. <i>Scientific Reports</i> , 2020 , 10, 15459	4.9	4
527	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , 2020 , 16, e1008718	6	25
526	Association of candidate pharmacogenetic markers with platinum-induced ototoxicity: PanCareLIFE dataset. <i>Data in Brief</i> , 2020 , 32, 106227	1.2	2

525	Long-term effects of antimicrobial drugs on the composition of the human gut microbiota. <i>Gut Microbes</i> , 2020 , 12, 1795492	8.8	16
524	Somatic TARDBP variants as a cause of semantic dementia. <i>Brain</i> , 2020 , 143, 3827-3841	11.2	3
523	Reduced penetrance of pathogenic ACMG variants in a deeply phenotyped cohort study and evaluation of ClinVar classification over time. <i>Genetics in Medicine</i> , 2020 , 22, 1812-1820	8.1	10
522	Dietary Advanced Glycation End-Products (dAGEs) Intake and Bone Health: A Cross-Sectional Analysis in the Rotterdam Study. <i>Nutrients</i> , 2020 , 12,	6.7	5
521	Smoking-related changes in DNA methylation and gene expression are associated with cardio-metabolic traits. <i>Clinical Epigenetics</i> , 2020 , 12, 157	7.7	5
520	Genome-wide identification of genes regulating DNA methylation using genetic anchors for causal inference. <i>Genome Biology</i> , 2020 , 21, 220	18.3	10
519	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , 2020 , 69, 2806-2818	0.9	10
518	B-vitamins and body composition: integrating observational and experimental evidence from the B-PROOF study. <i>European Journal of Nutrition</i> , 2020 , 59, 1253-1262	5.2	3
517	Do Vitamin D Level and Dietary Calcium Intake Modify the Association Between Loop Diuretics and Bone Health?. <i>Calcified Tissue International</i> , 2020 , 106, 104-114	3.9	2
516	Maternal environmental risk factors and the development of internalizing and externalizing problems in childhood: The complex role of genetic factors. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020 , 183, 17-25	3.5	10
515	Genome-wide association of phenotypes based on clustering patterns of hand osteoarthritis identify as novel osteoarthritis gene. <i>Annals of the Rheumatic Diseases</i> , 2020 ,	2.4	7
514	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose 2020 , 15, e0230815		
513	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose 2020 , 15, e0230815		
512	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose 2020 , 15, e0230815		
511	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose 2020 , 15, e0230815		
510	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
509	Validated inference of smoking habits from blood with a finite DNA methylation marker set. <i>European Journal of Epidemiology</i> , 2019 , 34, 1055-1074	12.1	10
508	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019 , 10, 4130	17.4	43

507	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. <i>JAMA Network Open</i> , 2019 , 2, e1910915	10.4	14
506	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019 , 51, 1459-1474	36.3	122
505	Genome-wide association meta-analysis of 30,000 samples identifies seven novel loci for quantitative ECG traits. <i>European Journal of Human Genetics</i> , 2019 , 27, 952-962	5.3	18
504	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054	3.8	39
503	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41
502	Fractures in school age children in relation to sex and ethnic background: The Generation R Study. <i>Bone</i> , 2019 , 121, 227-231	4.7	4
501	Association of dietary folate and vitamin B-12 intake with genome-wide DNA methylation in blood: a large-scale epigenome-wide association analysis in 5841 individuals. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 437-450	7	22
500	Update on the predictability of tall stature from DNA markers in Europeans. <i>Forensic Science International: Genetics</i> , 2019 , 42, 8-13	4.3	10
499	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972	36.3	217
498	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , 2019 , 10, 2581	17.4	31
497	Molecular Alterations in Dog Pheochromocytomas and Paragangliomas. <i>Cancers</i> , 2019 , 11,	6.6	9
496	Mendelian randomization evaluation of causal effects of fibrinogen on incident coronary heart disease. <i>PLoS ONE</i> , 2019 , 14, e0216222	3.7	11
495	GWAS of bone size yields twelve loci that also affect height, BMD, osteoarthritis or fractures. <i>Nature Communications</i> , 2019 , 10, 2054	17.4	36
494	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
493	Meta-Analysis of Genomewide Association Studies Reveals Genetic Variants for Hip Bone Geometry. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1284-1296	6.3	16
492	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019 , 28, 2615-2633	5.6	14
491	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019 , 51, 636-648	36.3	59
490	Femoral stress is prominently associated with fracture risk in children: The Generation R Study. <i>Bone</i> , 2019 , 122, 150-155	4.7	3

489	Newborn DNA-methylation, childhood lung function, and the risks of asthma and COPD across the life course. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	32
488	Linkage analysis and whole exome sequencing identify a novel candidate gene in a Dutch multiple sclerosis family. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 909-917	5	10
487	Interaction between plasma homocysteine and the MTHFR c.677C > T polymorphism is associated with site-specific changes in DNA methylation in humans. <i>FASEB Journal</i> , 2019 , 33, 833-843	0.9	11
486	Genome-wide meta-analysis of SNP-by-ACEI/ARB and SNP-by-thiazide diuretic and effect on serum potassium in cohorts of European and African ancestry. <i>Pharmacogenomics Journal</i> , 2019 , 19, 97-108	3.5	3
485	EIF2AK3 variants in Dutch patients with Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019 , 73, 229.e11-229.e18	29.6	7
484	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. <i>Molecular Psychiatry</i> , 2019 , 24, 1920-1932	15.1	30
483	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019 , 10, 3669	17.4	102
482	Potential Interplay between Dietary Saturated Fats and Genetic Variants of the NLRP3 Inflammasome to Modulate Insulin Resistance and Diabetes Risk: Insights from a Meta-Analysis of 19,005 Individuals. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1900226	5.9	11
481	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
480	Intestinal microbiome composition and its relation to joint pain and inflammation. <i>Nature Communications</i> , 2019 , 10, 4881	17.4	73
479	Genome-wide association meta-analysis identifies five novel loci for age-related hearing impairment. <i>Scientific Reports</i> , 2019 , 9, 15192	4.9	14
478	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 276-287	7	24
477	Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. <i>BMC Cardiovascular Disorders</i> , 2019 , 19, 240	2.3	8
476	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957	17.4	40
475	Adrenergic Receptor Gene Polymorphisms and Risk of COPD Exacerbations: The Rotterdam Study. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	5
474	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. <i>Nature Communications</i> , 2019 , 10, 5121	17.4	31
473	KCND3 potassium channel gene variant confers susceptibility to electrocardiographic early repolarization pattern. <i>JCI Insight</i> , 2019 , 4,	9.9	5
472	Genetic Determinants of Ototoxicity During and After Childhood Cancer Treatment: Protocol for the PanCareLIFE Study. <i>JMIR Research Protocols</i> , 2019 , 8, e11868	2	8

471	MON-208 Association Study of AMH Promoter Polymorphisms and Serum AMH Levels in PCOS Patients. <i>Journal of the Endocrine Society</i> , 2019 , 3,	0.4	78
470	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019 , 51, 452-469	36.3	44
469	Relationship between gut microbiota and circulating metabolites in population-based cohorts. <i>Nature Communications</i> , 2019 , 10, 5813	17.4	63
468	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	36.3	81
467	Meta-analysis of genome-wide association studies of aggressive and chronic periodontitis identifies two novel risk loci. <i>European Journal of Human Genetics</i> , 2019 , 27, 102-113	5.3	36
466	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019 , 104, 112-138	11	54
465	Genome-Wide Association Transethnic Meta-Analyses Identifies Novel Associations Regulating Coagulation Factor VIII and von Willebrand Factor Plasma Levels. <i>Circulation</i> , 2019 , 139, 620-635	16.7	51
464	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. <i>Nature Genetics</i> , 2019 , 51, 245-257	36.3	259
463	A genome-wide association study identifies new loci for factor VII and implicates factor VII in ischemic stroke etiology. <i>Blood</i> , 2019 , 133, 967-977	2.2	17
462	The effect of antimicrobial drug use on the composition of the genitourinary microbiota in an elderly population. <i>BMC Microbiology</i> , 2019 , 19, 9	4.5	13
461	Folic Acid and Vitamin B12 Supplementation and the Risk of Cancer: Long-term Follow-up of the B Vitamins for the Prevention of Osteoporotic Fractures (B-PROOF) Trial. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019 , 28, 275-282	4	31
460	Hippocampal transcriptome profiling combined with protein-protein interaction analysis elucidates Alzheimer's disease pathways and genes. <i>Neurobiology of Aging</i> , 2019 , 74, 225-233	5.6	13
459	Response to Vilar-Bell et al. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 1013-1015	5	
458	Serum 25-hydroxyvitamin D is associated with advanced glycation end products (AGEs) measured as skin autofluorescence: The Rotterdam Study. <i>European Journal of Epidemiology</i> , 2019 , 34, 67-77	12.1	9
457	Are Bone Mineral Density and Fractures Related to the Incidence and Progression of Radiographic Osteoarthritis of the Knee, Hip, and Hand in Elderly Men and Women? The Rotterdam Study. <i>Arthritis and Rheumatology</i> , 2019 , 71, 361-369	9.5	14
456	Candidate CSPG4 mutations and induced pluripotent stem cell modeling implicate oligodendrocyte progenitor cell dysfunction in familial schizophrenia. <i>Molecular Psychiatry</i> , 2019 , 24, 757-771	15.1	30
455	Development of a prediction model for future risk of radiographic hip osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2018 , 26, 540-546	6.2	24
454	Sarcopenia and Its Clinical Correlates in the General Population: The Rotterdam Study. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 1209-1218	6.3	28

453	Genome-wide association meta-analysis of individuals of European ancestry identifies new loci explaining a substantial fraction of hair color variation and heritability. <i>Nature Genetics</i> , 2018 , 50, 652-658	36.3	59
452	Association of Methylation Signals With Incident Coronary Heart Disease in an Epigenome-Wide Assessment of Circulating Tumor Necrosis Factor α . <i>JAMA Cardiology</i> , 2018 , 3, 463-472	16.2	17
451	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018 , 50, 559-571	36.3	221
450	The Genetics of Seborrheic Dermatitis: A Candidate Gene Approach and Pilot Genome-Wide Association Study. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 991-993	4.3	11
449	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018 , 102, 375-400	11	59
448	A systematic analysis highlights multiple long non-coding RNAs associated with cardiometabolic disorders. <i>Journal of Human Genetics</i> , 2018 , 63, 431-446	4.3	14
447	COPD GWAS variant at 19q13.2 in relation with DNA methylation and gene expression. <i>Human Molecular Genetics</i> , 2018 , 27, 396-405	5.6	19
446	Understanding the role of the chromosome 15q25.1 in COPD through epigenetics and transcriptomics. <i>European Journal of Human Genetics</i> , 2018 , 26, 709-722	5.3	16
445	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , 2018 , 23, 2133-2144	15.1	46
444	Integration of Murine and Human Studies for Mapping Periodontitis Susceptibility. <i>Journal of Dental Research</i> , 2018 , 97, 537-546	8.1	15
443	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. <i>American Journal of Human Genetics</i> , 2018 , 102, 88-102	11	119
442	Meta-analysis of genome-wide association studies identifies 8 novel loci involved in shape variation of human head hair. <i>Human Molecular Genetics</i> , 2018 , 27, 559-575	5.6	33
441	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018 , 50, 668-681	36.3	1301
440	Genetic Determinants of Circulating Estrogen Levels and Evidence of a Causal Effect of Estradiol on Bone Density in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 991-1004	5.6	37
439	Genome-wide analyses using UK Biobank data provide insights into the genetic architecture of osteoarthritis. <i>Nature Genetics</i> , 2018 , 50, 549-558	36.3	122
438	A DNA methylation biomarker of alcohol consumption. <i>Molecular Psychiatry</i> , 2018 , 23, 422-433	15.1	164
437	A rare missense variant in RCL1 segregates with depression in extended families. <i>Molecular Psychiatry</i> , 2018 , 23, 1120-1126	15.1	24
436	Heritability and genome-wide associations studies of cerebral blood flow in the general population. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 1598-1608	7.3	8

435	Association between subclinical thyroid dysfunction and change in bone mineral density in prospective cohorts. <i>Journal of Internal Medicine</i> , 2018 , 283, 56-72	10.8	43
434	Genome-Wide Interactions with Dairy Intake for Body Mass Index in Adults of European Descent. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, 1700347	5.9	5
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432	Genome-wide association study in 176,678 Europeans reveals genetic loci for tanning response to sun exposure. <i>Nature Communications</i> , 2018 , 9, 1684	17.4	51
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428	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. <i>Nature Communications</i> , 2018 , 9, 2976	17.4	45
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426	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233	36.3	277
425	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018 , 13, e0198166	3.7	31
424	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 2018 , 3, 4	4.8	16
423	A genome-wide association study of corneal astigmatism: The CREAM Consortium. <i>Molecular Vision</i> , 2018 , 24, 127-142	2.3	5
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415	Association of maternal prenatal smoking GFI1-locus and cardio-metabolic phenotypes in 18,212 adults. <i>EBioMedicine</i> , 2018 , 38, 206-216	8.8	19
414	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
413	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018 , 9, 5141	17.4	64
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408	Large-scale whole-exome sequencing association studies identify rare functional variants influencing serum urate levels. <i>Nature Communications</i> , 2018 , 9, 4228	17.4	31
407	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
406	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
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268	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016 , 533, 539-42	50.4	850
267	Uncompromised 10-year survival of oldest old carrying somatic mutations in DNMT3A and TET2. <i>Blood</i> , 2016 , 127, 1512-5	2.2	27
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263	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. <i>Nature Genetics</i> , 2016 , 48, 1303-1312	36.3	51
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261	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016 , 538, 248-252	50.4	266
260	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
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253	GWAS with longitudinal phenotypes: performance of approximate procedures. <i>European Journal of Human Genetics</i> , 2015 , 23, 1384-91	5.3	15
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161	Genome-wide meta-analysis of myopia and hyperopia provides evidence for replication of 11 loci. <i>PLoS ONE</i> , 2014 , 9, e107110	3.7	36
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