

P Eline Slagboom

List of Publications by Citations

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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.

634
papers

49,466
citations

104
h-index

203
g-index

662
ext. papers

59,759
ext. citations

8.1
avg, IF

7.07
L-index

#	Paper	IF	Citations
634	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
633	Cytogenetic analysis using quantitative, high-sensitivity, fluorescence hybridization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986 , 83, 2934-8	11.5	2659
632	Persistent epigenetic differences associated with prenatal exposure to famine in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 17046-9	11.5	2253
631	A reference panel of 64,976 haplotypes for genotype imputation. <i>Nature Genetics</i> , 2016 , 48, 1279-83	36.3	1447
630	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
629	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
628	DNA methylation differences after exposure to prenatal famine are common and timing- and sex-specific. <i>Human Molecular Genetics</i> , 2009 , 18, 4046-53	5.6	907
627	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. <i>Nature Genetics</i> , 2012 , 44, 491-501	36.3	866
626	Identification of seven loci affecting mean telomere length and their association with disease. <i>Nature Genetics</i> , 2013 , 45, 422-7, 427e1-2	36.3	624
625	Genetic determination of telomere size in humans: a twin study of three age groups. <i>American Journal of Human Genetics</i> , 1994 , 55, 876-82	11	528
624	Telomere length and replicative aging in human vascular tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 11190-4	11.5	519
623	Whole-genome sequence variation, population structure and demographic history of the Dutch population. <i>Nature Genetics</i> , 2014 , 46, 818-25	36.3	514
622	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017 , 541, 81-86	50.4	511
621	Biological interpretation of genome-wide association studies using predicted gene functions. <i>Nature Communications</i> , 2015 , 6, 5890	17.4	489
620	DNA methylation signatures link prenatal famine exposure to growth and metabolism. <i>Nature Communications</i> , 2014 , 5, 5592	17.4	368
619	L1 drives IFN in senescent cells and promotes age-associated inflammation. <i>Nature</i> , 2019 , 566, 73-78	50.4	364
618	Periconceptional maternal folic acid use of 400 microg per day is related to increased methylation of the IGF2 gene in the very young child. <i>PLoS ONE</i> , 2009 , 4, e7845	3.7	362

617	Human naive and memory T lymphocytes differ in telomeric length and replicative potential. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 11091-4	11.5	360
616	Facing up to the global challenges of ageing. <i>Nature</i> , 2018 , 561, 45-56	50.4	342
615	Accuracy of direct segmental multi-frequency bioimpedance analysis in the assessment of total body and segmental body composition in middle-aged adult population. <i>Clinical Nutrition</i> , 2011 , 30, 610-5	5.9	339
614	The transcriptional landscape of age in human peripheral blood. <i>Nature Communications</i> , 2015 , 6, 8570	17.4	335
613	Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. <i>Nature Communications</i> , 2016 , 7, 11122	17.4	335
612	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. <i>PLoS Genetics</i> , 2012 , 8, e1002607	6	326
611	Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. <i>Nature Genetics</i> , 2019 , 51, 1207-1214	36.3	303
610	Meta-analysis of telomere length in 19,713 subjects reveals high heritability, stronger maternal inheritance and a paternal age effect. <i>European Journal of Human Genetics</i> , 2013 , 21, 1163-8	5.3	291
609	A genomic scanning method for higher organisms using restriction sites as landmarks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 9523-7	11.5	287
608	Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa. <i>American Journal of Psychiatry</i> , 2017 , 174, 850-858	11.9	276
607	Identification of new susceptibility loci for osteoarthritis (arcOGEN): a genome-wide association study. <i>Lancet, The</i> , 2012 , 380, 815-23	40	275
606	Genome-wide patterns and properties of de novo mutations in humans. <i>Nature Genetics</i> , 2015 , 47, 822-836	36.3	267
605	Variation, patterns, and temporal stability of DNA methylation: considerations for epigenetic epidemiology. <i>FASEB Journal</i> , 2010 , 24, 3135-44	0.9	264
604	Evidence of genetic enrichment for exceptional survival using a family approach: the Leiden Longevity Study. <i>European Journal of Human Genetics</i> , 2006 , 14, 79-84	5.3	259
603	Reduced insulin/IGF-1 signalling and human longevity. <i>Aging Cell</i> , 2005 , 4, 79-85	9.9	254
602	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098	17.4	254
601	Disease variants alter transcription factor levels and methylation of their binding sites. <i>Nature Genetics</i> , 2017 , 49, 131-138	36.3	252
600	The continuing value of twin studies in the omics era. <i>Nature Reviews Genetics</i> , 2012 , 13, 640-53	30.1	250

599	Telomere length predicts survival independent of genetic influences. <i>Aging Cell</i> , 2007 , 6, 769-74	9.9	246
598	Loci associated with N-glycosylation of human immunoglobulin G show pleiotropy with autoimmune diseases and haematological cancers. <i>PLoS Genetics</i> , 2013 , 9, e1003225	6	242
597	Identification of context-dependent expression quantitative trait loci in whole blood. <i>Nature Genetics</i> , 2017 , 49, 139-145	36.3	240
596	Poly(ADP-ribose) polymerase activity in mononuclear leukocytes of 13 mammalian species correlates with species-specific life span. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 11759-63	11.5	234
595	The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015 , 47, 589-97	36.3	229
594	Rapid detection of human chromosome 21 aberrations by in situ hybridization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988 , 85, 9664-8	11.5	226
593	A genome-wide association study of anorexia nervosa. <i>Molecular Psychiatry</i> , 2014 , 19, 1085-94	15.1	224
592	A survey of the genomic distribution of alpha satellite DNA on all the human chromosomes, and derivation of a new consensus sequence. <i>Nucleic Acids Research</i> , 1991 , 19, 1179-82	20.1	224
591	Genomic organization of alpha satellite DNA on human chromosome 7: evidence for two distinct alphoid domains on a single chromosome. <i>Molecular and Cellular Biology</i> , 1987 , 7, 349-56	4.8	222
590	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015 , 11, e1005378	6	220
589	Genome-wide association study identifies a single major locus contributing to survival into old age; the APOE locus revisited. <i>Aging Cell</i> , 2011 , 10, 686-98	9.9	218
588	Genome-wide association scan for five major dimensions of personality. <i>Molecular Psychiatry</i> , 2010 , 15, 647-56	15.1	214
587	Heritable rather than age-related environmental and stochastic factors dominate variation in DNA methylation of the human IGF2/H19 locus. <i>Human Molecular Genetics</i> , 2007 , 16, 547-54	5.6	212
586	Epigenetic variation during the adult lifespan: cross-sectional and longitudinal data on monozygotic twin pairs. <i>Aging Cell</i> , 2012 , 11, 694-703	9.9	208
585	Genetic and environmental influences interact with age and sex in shaping the human methylome. <i>Nature Communications</i> , 2016 , 7, 11115	17.4	200
584	Nonagenarian siblings and their offspring display lower risk of mortality and morbidity than sporadic nonagenarians: The Leiden Longevity Study. <i>Journal of the American Geriatrics Society</i> , 2009 , 57, 1634-7	5.6	197
583	Variation in plasminogen-activator-inhibitor-1 gene and risk of meningococcal septic shock. <i>Lancet, The</i> , 1999 , 354, 561-3	40	194
582	GWAS of longevity in CHARGE consortium confirms APOE and FOXO3 candidacy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 110-8	6.4	188

581	Genome-wide association meta-analysis of human longevity identifies a novel locus conferring survival beyond 90 years of age. <i>Human Molecular Genetics</i> , 2014 , 23, 4420-32	5.6	188
580	The epigenome: archive of the prenatal environment. <i>Epigenetics</i> , 2009 , 4, 526-31	5.7	185
579	The Genome of the Netherlands: design, and project goals. <i>European Journal of Human Genetics</i> , 2014 , 22, 221-7	5.3	184
578	Nucleotide sequence heterogeneity of alpha satellite repetitive DNA: a survey of alphoid sequences from different human chromosomes. <i>Nucleic Acids Research</i> , 1987 , 15, 7549-69	20.1	179
577	Unraveling the polygenic architecture of complex traits using blood eQTL metaanalysis		175
576	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
575	Variation in the human TP53 gene affects old age survival and cancer mortality. <i>Experimental Gerontology</i> , 2005 , 40, 11-5	4.5	172
574	Identification and systematic annotation of tissue-specific differentially methylated regions using the Illumina 450k array. <i>Epigenetics and Chromatin</i> , 2013 , 6, 26	5.8	168
573	Identification of DIO2 as a new susceptibility locus for symptomatic osteoarthritis. <i>Human Molecular Genetics</i> , 2008 , 17, 1867-75	5.6	164
572	Efficacy and toxicity of methotrexate in early rheumatoid arthritis are associated with single-nucleotide polymorphisms in genes coding for folate pathway enzymes. <i>Arthritis and Rheumatism</i> , 2006 , 54, 1087-95		164
571	Meta-analysis of 65,734 individuals identifies TSPAN15 and SLC44A2 as two susceptibility loci for venous thromboembolism. <i>American Journal of Human Genetics</i> , 2015 , 96, 532-42	11	163
570	The Adult Netherlands Twin Register: twenty-five years of survey and biological data collection. <i>Twin Research and Human Genetics</i> , 2013 , 16, 271-81	2.2	162
569	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. <i>Nature Communications</i> , 2014 , 5, 5068	17.4	160
568	A genome-wide association study on common SNPs and rare CNVs in anorexia nervosa. <i>Molecular Psychiatry</i> , 2011 , 16, 949-59	15.1	159
567	N-glycomic biomarkers of biological aging and longevity: a link with inflammaging. <i>Ageing Research Reviews</i> , 2013 , 12, 685-98	12	151
566	Large-scale analysis of association between GDF5 and FRZB variants and osteoarthritis of the hip, knee, and hand. <i>Arthritis and Rheumatism</i> , 2009 , 60, 1710-21		150
565	The number of p16INK4a positive cells in human skin reflects biological age. <i>Aging Cell</i> , 2012 , 11, 722-5	9.9	148
564	A meta-analysis of thyroid-related traits reveals novel loci and gender-specific differences in the regulation of thyroid function. <i>PLoS Genetics</i> , 2013 , 9, e1003266	6	146

563	MARK-AGE biomarkers of ageing. <i>Mechanisms of Ageing and Development</i> , 2015 , 151, 2-12	5.6	145
562	DNA methylation as a mediator of the association between prenatal adversity and risk factors for metabolic disease in adulthood. <i>Science Advances</i> , 2018 , 4, eaao4364	14.3	143
561	Variants near TERT and TERC influencing telomere length are associated with high-grade glioma risk. <i>Nature Genetics</i> , 2014 , 46, 731-5	36.3	141
560	Genome-wide linkage analysis for human longevity: Genetics of Healthy Aging Study. <i>Aging Cell</i> , 2013 , 12, 184-93	9.9	140
559	A genome-wide association study identifies an osteoarthritis susceptibility locus on chromosome 7q22. <i>Arthritis and Rheumatism</i> , 2010 , 62, 499-510		139
558	Dynamic changes in the higher-level chromatin organization of specific sequences revealed by in situ hybridization to nuclear halos. <i>Journal of Cell Biology</i> , 1994 , 126, 289-304	7.3	139
557	A meta-analysis of European and Asian cohorts reveals a global role of a functional SNP in the 5' UTR of GDF5 with osteoarthritis susceptibility. <i>Human Molecular Genetics</i> , 2008 , 17, 1497-504	5.6	136
556	Hallmark features of immunosenescence are absent in familial longevity. <i>Journal of Immunology</i> , 2010 , 185, 4618-24	5.3	130
555	A whole genome association study of neuroticism using DNA pooling. <i>Molecular Psychiatry</i> , 2008 , 13, 302-12	15.1	127
554	Genome-wide association study identifies novel genetic variants contributing to variation in blood metabolite levels. <i>Nature Communications</i> , 2015 , 6, 7208	17.4	126
553	Infection with cytomegalovirus but not herpes simplex virus induces the accumulation of late-differentiated CD4+ and CD8+ T-cells in humans. <i>Journal of General Virology</i> , 2011 , 92, 2746-2756	4.9	126
552	High-yield noninvasive human genomic DNA isolation method for genetic studies in geographically dispersed families and populations. <i>American Journal of Human Genetics</i> , 1995 , 57, 1252-4	11	124
551	Human beta satellite DNA: genomic organization and sequence definition of a class of highly repetitive tandem DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 6250-4	11.5	123
550	Lipidomics of familial longevity. <i>Aging Cell</i> , 2013 , 12, 426-34	9.9	122
549	Multiethnic genome-wide association study of cerebral white matter hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 398-409		119
548	Small nucleoli are a cellular hallmark of longevity. <i>Nature Communications</i> , 2017 , 8, 16083	17.4	119
547	Prenatal famine and genetic variation are independently and additively associated with DNA methylation at regulatory loci within IGF2/H19. <i>PLoS ONE</i> , 2012 , 7, e37933	3.7	118
546	The Netherlands Twin Register biobank: a resource for genetic epidemiological studies. <i>Twin Research and Human Genetics</i> , 2010 , 13, 231-45	2.2	118

545	Blood lipids influence DNA methylation in circulating cells. <i>Genome Biology</i> , 2016 , 17, 138	18.3	118
544	Genome-wide association study of smoking initiation and current smoking. <i>American Journal of Human Genetics</i> , 2009 , 84, 367-79	11	116
543	DNA methylation of IGF2, GNASAS, INSIGF and LEP and being born small for gestational age. <i>Epigenetics</i> , 2011 , 6, 171-6	5.7	113
542	Heritabilities of radiologic osteoarthritis in peripheral joints and of disc degeneration of the spine. <i>Arthritis and Rheumatism</i> , 1999 , 42, 1729-35		113
541	Genome-wide association study (GWAS)-identified disease risk alleles do not compromise human longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 18046-9	11.5	111
540	Association between leptin, adiponectin and resistin and long-term progression of hand osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1282-4	2.4	108
539	Detection of restriction fragment length polymorphisms at the centromeres of human chromosomes by using chromosome-specific alpha satellite DNA probes: implications for development of centromere-based genetic linkage maps. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986 , 83, 5611-5	11.5	108
538	Early gestation as the critical time-window for changes in the prenatal environment to affect the adult human blood methylome. <i>International Journal of Epidemiology</i> , 2015 , 44, 1211-23	7.8	107
537	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016 , 7, 10494	17.4	107
536	A meta-analysis of four genome-wide association studies of survival to age 90 years or older: the Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010 , 65, 478-87	6.4	107
535	Relative validity of the food frequency questionnaire used to assess dietary intake in the Leiden Longevity Study. <i>Nutrition Journal</i> , 2013 , 12, 75	4.3	106
534	Gene variants in the novel type 2 diabetes loci CDC123/CAMK1D, THADA, ADAMTS9, BCL11A, and MTNR1B affect different aspects of pancreatic beta-cell function. <i>Diabetes</i> , 2010 , 59, 293-301	0.9	106
533	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
532	Quantitative comparison of mRNA levels in mammalian tissues: 28S ribosomal RNA level as an accurate internal control. <i>Nucleic Acids Research</i> , 1989 , 17, 10137-8	20.1	105
531	Novel loci and pathways significantly associated with longevity. <i>Scientific Reports</i> , 2016 , 6, 21243	4.9	105
530	Severe osteoarthritis of the hand associates with common variants within the ALDH1A2 gene and with rare variants at 1p31. <i>Nature Genetics</i> , 2014 , 46, 498-502	36.3	104
529	Genes involved in the osteoarthritis process identified through genome wide expression analysis in articular cartilage; the RAAK study. <i>PLoS ONE</i> , 2014 , 9, e103056	3.7	103
528	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019 , 10, 3669	17.4	102

527	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. <i>Diabetologia</i> , 2013 , 56, 298-310	10.3	102
526	Meta-analysis of genome-wide association studies confirms a susceptibility locus for knee osteoarthritis on chromosome 7q22. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 349-55	2.4	102
525	Association of the Frizzled-related protein gene with symptomatic osteoarthritis at multiple sites. <i>Arthritis and Rheumatism</i> , 2005 , 52, 1077-80		102
524	VDR gene variants associate with cognitive function and depressive symptoms in old age. <i>Neurobiology of Aging</i> , 2009 , 30, 466-73	5.6	101
523	Mental performance in old age dependent on cortisol and genetic variance in the mineralocorticoid and glucocorticoid receptors. <i>Neuropsychopharmacology</i> , 2007 , 32, 1295-301	8.7	100
522	Evidence for familial aggregation of hand, hip, and spine but not knee osteoarthritis in siblings with multiple joint involvement: the GARP study. <i>Annals of the Rheumatic Diseases</i> , 2005 , 64, 438-43	2.4	98
521	Genome-wide association study meta-analysis of chronic widespread pain: evidence for involvement of the 5p15.2 region. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 427-36	2.4	96
520	A genomewide scan for intelligence identifies quantitative trait loci on 2q and 6p. <i>American Journal of Human Genetics</i> , 2005 , 77, 318-26	11	96
519	MethylAid: visual and interactive quality control of large Illumina 450k datasets. <i>Bioinformatics</i> , 2014 , 30, 3435-7	7.2	95
518	A meta-analysis of genome-wide association studies identifies novel variants associated with osteoarthritis of the hip. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 2130-6	2.4	95
517	Familial longevity is associated with decreased thyroid function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 4979-84	5.6	93
516	What evidence is there for the existence of individual genes with antagonistic pleiotropic effects?. <i>Mechanisms of Ageing and Development</i> , 2005 , 126, 421-9	5.6	93
515	A gene variant near ATM is significantly associated with metformin treatment response in type 2 diabetes: a replication and meta-analysis of five cohorts. <i>Diabetologia</i> , 2012 , 55, 1971-7	10.3	92
514	Haplotypes in the human Foxo1a and Foxo3a genes; impact on disease and mortality at old age. <i>European Journal of Human Genetics</i> , 2007 , 15, 294-301	5.3	91
513	Homologous subfamilies of human alphoid repetitive DNA on different nucleolus organizing chromosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987 , 84, 1075-9	11.5	91
512	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. <i>Nature Communications</i> , 2019 , 10, 3346	17.4	89
511	ApoE plasma levels and risk of cardiovascular mortality in old age. <i>PLoS Medicine</i> , 2006 , 3, e176	11.6	89
510	Zygoty diagnosis in young twins by parental report. <i>Twin Research and Human Genetics</i> , 2000 , 3, 134-41		89

509	A common variant of the methylenetetrahydrofolate reductase gene (1p36) is associated with an increased risk of cancer. <i>Cancer Research</i> , 2003 , 63, 1249-53	10.1	89
508	Assessment of osteoarthritis candidate genes in a meta-analysis of nine genome-wide association studies. <i>Arthritis and Rheumatology</i> , 2014 , 66, 940-9	9.5	88
507	Familial longevity is marked by enhanced insulin sensitivity. <i>Aging Cell</i> , 2011 , 10, 114-21	9.9	88
506	Decreased levels of bisecting GlcNAc glycoforms of IgG are associated with human longevity. <i>PLoS ONE</i> , 2010 , 5, e12566	3.7	88
505	Effects of a web-based intervention on physical activity and metabolism in older adults: randomized controlled trial. <i>Journal of Medical Internet Research</i> , 2013 , 15, e233	7.6	88
504	Gene set analysis of GWAS data for human longevity highlights the relevance of the insulin/IGF-1 signaling and telomere maintenance pathways. <i>Age</i> , 2013 , 35, 235-49		86
503	Genes encoding longevity: from model organisms to humans. <i>Aging Cell</i> , 2008 , 7, 270-80	9.9	86
502	GWAS for executive function and processing speed suggests involvement of the CADM2 gene. <i>Molecular Psychiatry</i> , 2016 , 21, 189-197	15.1	85
501	Improving Phenotypic Prediction by Combining Genetic and Epigenetic Associations. <i>American Journal of Human Genetics</i> , 2015 , 97, 75-85	11	85
500	Gene expression analysis of mTOR pathway: association with human longevity. <i>Aging Cell</i> , 2013 , 12, 24-34	9.9	85
499	Insights into the genetic architecture of osteoarthritis from stage 1 of the arcOGEN study. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 864-7	2.4	85
498	Homologous alpha satellite sequences on human acrocentric chromosomes with selectivity for chromosomes 13, 14 and 21: implications for recombination between nonhomologues and Robertsonian translocations. <i>Nucleic Acids Research</i> , 1988 , 16, 1273-84	20.1	85
497	Novel genetic variants associated with lumbar disc degeneration in northern Europeans: a meta-analysis of 4600 subjects. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1141-8	2.4	84
496	Characteristics of de novo structural changes in the human genome. <i>Genome Research</i> , 2015 , 25, 792-801	10.7	83
495	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. <i>American Journal of Human Genetics</i> , 2017 , 101, 888-902	11	83
494	Leukocyte telomere length associates with prospective mortality independent of immune-related parameters and known genetic markers. <i>International Journal of Epidemiology</i> , 2014 , 43, 878-86	7.8	83
493	Netherlands twin family study of anxious depression (NETSAD). <i>Twin Research and Human Genetics</i> , 2000 , 3, 323-34		83
492	Reduced response to activated protein C is associated with increased risk for cerebrovascular disease. <i>Annals of Internal Medicine</i> , 1996 , 125, 265-9	8	83

491	Duration of breastfeeding and gender are associated with methylation of the LEPTIN gene in very young children. <i>Pediatric Research</i> , 2013 , 74, 344-9	3.2	82
490	Plasma protein N-glycan profiles are associated with calendar age, familial longevity and health. <i>Journal of Proteome Research</i> , 2011 , 10, 1667-74	5.6	82
489	Urinary CTX-II levels are associated with radiographic subtypes of osteoarthritis in hip, knee, hand, and facet joints in subject with familial osteoarthritis at multiple sites: the GARP study. <i>Annals of the Rheumatic Diseases</i> , 2006 , 65, 360-5	2.4	82
488	Sequence heterogeneity within the human alphoid repetitive DNA family. <i>Nucleic Acids Research</i> , 1986 , 14, 2059-73	20.1	82
487	A Genome-Wide Association Study Identifies the Skin Color Genes IRF4, MC1R, ASIP, and BNC2 Influencing Facial Pigmented Spots. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 1735-1742	4.3	80
486	Age-related accrual of methylomic variability is linked to fundamental ageing mechanisms. <i>Genome Biology</i> , 2016 , 17, 191	18.3	80
485	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , 2017 , 8, 910	17.4	78
484	Gut Microbial Associations to Plasma Metabolites Linked to Cardiovascular Phenotypes and Risk. <i>Circulation Research</i> , 2019 , 124, 1808-1820	15.7	77
483	Association of the interleukin-1 gene cluster with radiographic signs of osteoarthritis of the hip. <i>Arthritis and Rheumatism</i> , 2004 , 50, 1179-86		77
482	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimers and Dementia</i> , 2018 , 14, 707-722	1.2	76
481	Age-related DNA methylation changes are tissue-specific with ELOVL2 promoter methylation as exception. <i>Epigenetics and Chromatin</i> , 2018 , 11, 25	5.8	76
480	Identifying the genomic determinants of aging and longevity in human population studies: progress and challenges. <i>BioEssays</i> , 2013 , 35, 386-96	4.1	76
479	Knee and hip articular cartilage have distinct epigenomic landscapes: implications for future cartilage regeneration approaches. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 2208-12	2.4	76
478	Heritabilities of apolipoprotein and lipid levels in three countries. <i>Twin Research and Human Genetics</i> , 2002 , 5, 87-97		76
477	Latent infection with cytomegalovirus is associated with poor memory CD4 responses to influenza A core proteins in the elderly. <i>Journal of Immunology</i> , 2014 , 193, 3624-31	5.3	75
476	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018 , 9, 4455	17.4	75
475	Subclass-specific IgG glycosylation is associated with markers of inflammation and metabolic health. <i>Scientific Reports</i> , 2017 , 7, 12325	4.9	74
474	Improved imputation quality of low-frequency and rare variants in European samples using the $\text{\textcircled{G}}$ enome of The Netherlands $\text{\textcircled{O}}$ European Journal of Human Genetics, 2014 , 22, 1321-6	5.3	74

473	Family based association analyses between the serotonin transporter gene polymorphism (5-HTTLPR) and neuroticism, anxiety and depression. <i>Behavior Genetics</i> , 2007 , 37, 294-301	3.2	74
472	Genetics of healthy aging in Europe: the EU-integrated project GEHA (GEnetics of Healthy Aging). <i>Annals of the New York Academy of Sciences</i> , 2007 , 1100, 21-45	6.5	74
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