Juha Kere

List of Publications by Citations

546 papers	32,759 citations	87 h-index	159 g-index
594 ext. papers	38,081 ext. citations	7 avg, IF	6.43 L-index

#	Paper	IF	Citations
546	An atlas of active enhancers across human cell types and tissues. *Nature*, **2014**, 507, 455-461	50.4	1595
545	A large-scale, consortium-based genomewide association study of asthma. *New England Journal of Medicine*, **2010**, 363, 1211-1221	59.2	1431
544	A promoter-level mammalian expression atlas. *Nature*, **2014**, 507, 462-70	50.4	1301
543	A genome-wide association study identifies new psoriasis susceptibility loci and an interaction between HLA-C and ERAP1. *Nature Genetics*, **2010**, 42, 985-90	36.3	773
542	Differential DNA methylation in purified human blood cells: implications for cell lineage and studies on disease susceptibility. *PLoS ONE*, **2012**, 7, e41361	3.7	704
541	Epigenome-wide association data implicate DNA methylation as an intermediary of genetic risk in rheumatoid arthritis. *Nature Biotechnology*, **2013**, 31, 142-7	44.5	691
540	Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. *Nature Genetics*, **2012**, 44, 1341-8	36.3	681
539	X-linked anhidrotic (hypohidrotic) ectodermal dysplasia is caused by mutation in a novel transmembrane protein. *Nature Genetics*, **1996**, 13, 409-16	36.3	597
538	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. *American Journal of Human Genetics*, **2016**, 98, 680-96	11	489
537	Mutations in the gene encoding the 3Q5Q DNA exonuclease TREX1 are associated with systemic lupus erythematosus. *Nature Genetics*, **2007**, 39, 1065-7	36.3	483
536	Polymorphisms in the tyrosine kinase 2 and interferon regulatory factor 5 genes are associated with systemic lupus erythematosus. *American Journal of Human Genetics*, **2005**, 76, 528-37	11	460
535	Characterization of a common susceptibility locus for asthma-related traits. *Science*, **2004**, 304, 300-4	33.3	382
534	Mutations of the Down-regulated in adenoma (DRA) gene cause congenital chloride diarrhoea. *Nature Genetics*, **1996**, 14, 316-9	36.3	357
533	A recurrent mutation in PALB2 in Finnish cancer families. *Nature*, **2007**, 446, 316-9	50.4	349
532	Activating germline mutations in STAT3 cause early-onset multi-organ autoimmune disease. *Nature Genetics*, **2014**, 46, 812-814	36.3	328
531	Direct selection: a method for the isolation of cDNAs encoded by large genomic regions. *Proceedings of the National Academy of Sciences of the United States of America*, **1991**, 88, 9628-32	11.5	277
530	Arrhythmic disorder mapped to chromosome 1q42-q43 causes malignant polymorphic ventricular tachycardia in structurally normal hearts. *Journal of the American College of Cardiology*, **1999**, 34, 2035-42	15.1	271

529	A candidate gene for developmental dyslexia encodes a nuclear tetratricopeptide repeat domain protein dynamically regulated in brain. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 11553-8	11.5	264
528	MMP12, lung function, and COPD in high-risk populations. *New England Journal of Medicine*, **2009**, 361, 2599-608	59.2	257
527	MHC2TA is associated with differential MHC molecule expression and susceptibility to rheumatoid arthritis, multiple sclerosis and myocardial infarction. *Nature Genetics*, **2005**, 37, 486-94	36.3	254
526	The Tabby phenotype is caused by mutation in a mouse homologue of the EDA gene that reveals novel mouse and human exons and encodes a protein (ectodysplasin-A) with collagenous domains. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 13069-74	11.5	241
525	Juxtaposed regions of extensive and minimal linkage disequilibrium in human Xq25 and Xq28. *Nature Genetics*, **2000**, 25, 324-8	36.3	240
524	Microsatellite diversity and the demographic history of modern humans. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 3100-3	11.5	224
523	The axon guidance receptor gene ROBO1 is a candidate gene for developmental dyslexia. *PLoS Genetics*, **2005**, 1, e50	6	224
522	Drug repositioning: a machine-learning approach through data integration. *Journal of Cheminformatics*, **2013**, 5, 30	8.6	186
521	Clonal culturing of human embryonic stem cells on laminin-521/E-cadherin matrix in defined and xeno-free environment. *Nature Communications*, **2014**, 5, 3195	17.4	183
520	Dominantly inherited hyperinsulinism caused by a mutation in the sulfonylurea receptor type 1. *Journal of Clinical Investigation*, **2000**, 106, 897-906	15.9	181
519	Strong genetic evidence of DCDC2 as a susceptibility gene for dyslexia. *American Journal of Human Genetics*, **2006**, 78, 52-62	11	179
518	Physical exercise-induced hypoglycemia caused by failed silencing of monocarboxylate transporter 1 in pancreatic beta cells. *American Journal of Human Genetics*, **2007**, 81, 467-74	11	176
517	Autoimmunity, hypogammaglobulinemia, lymphoproliferation, and mycobacterial disease in patients with activating mutations in STAT3. *Blood*, **2015**, 125, 639-48	2.2	175
516	Functional characterization of three novel tissue-specific anion exchangers SLC26A7, -A8, and -A9. *Journal of Biological Chemistry*, **2002**, 277, 14246-54	5.4	169
515	Mapping of five new putative anion transporter genes in human and characterization of SLC26A6, a candidate gene for pancreatic anion exchanger. *Genomics*, **2000**, 70, 102-12	4.3	169
514	The anhidrotic ectodermal dysplasia gene (EDA) undergoes alternative splicing and encodes ectodysplasin-A with deletion mutations in collagenous repeats. *Human Molecular Genetics*, **1998**, 7, 1661-9	5.6	168
513	Myotilin, a novel sarcomeric protein with two Ig-like domains, is encoded by a candidate gene for limb-girdle muscular dystrophy. *Human Molecular Genetics*, **1999**, 8, 1329-36	5.6	160
512	Human chromosome 7: DNA sequence and biology. *Science*, **2003**, 300, 767-72	33.3	159

511	Cusp patterning defect in Tabby mouse teeth and its partial rescue by FGF. *Developmental Biology*, **1999**, 216, 521-34	3.1	150
510	A susceptibility locus for asthma-related traits on chromosome 7 revealed by genome-wide scan in a founder population. *Nature Genetics*, **2001**, 28, 87-91	36.3	148
509	Down-regulated in adenoma mediates apical Cl-/HCO3- exchange in rabbit, rat, and human duodenum. *Gastroenterology*, **2002**, 122, 709-24	13.3	148
508	Dominant mutations in GRHL3 cause Van der Woude Syndrome and disrupt oral periderm development. *American Journal of Human Genetics*, **2014**, 94, 23-32	11	146
507	Genetic analysis of PSORS1 distinguishes guttate psoriasis and palmoplantar pustulosis. *Journal of Investigative Dermatology*, **2003**, 120, 627-32	4.3	145
506	Absence of a paternally inherited FOXP2 gene in developmental verbal dyspraxia. *American Journal of Human Genetics*, **2006**, 79, 965-72	11	143
505	Gelsolin-derived familial amyloidosis caused by asparagine or tyrosine substitution for aspartic acid at residue 187. *Nature Genetics*, **1992**, 2, 157-60	36.3	142
504	A genome-wide association study of atopic dermatitis identifies loci with overlapping effects on asthma and psoriasis. *Human Molecular Genetics*, **2013**, 22, 4841-56	5.6	140
503	Epigenome-Wide Meta-Analysis of Methylation in Children Related to Prenatal NO2 Air Pollution Exposure. *Environmental Health Perspectives*, **2017**, 125, 104-110	8.4	131
502	Susceptibility loci for preeclampsia on chromosomes 2p25 and 9p13 in Finnish families. *American Journal of Human Genetics*, **2003**, 72, 168-77	11	126
501	A point mutation inactivating the sulfonylurea receptor causes the severe form of persistent hyperinsulinemic hypoglycemia of infancy in Finland. *Diabetes*, **1999**, 48, 408-15	0.9	124
500	A susceptibility locus for papillary thyroid carcinoma on chromosome 8q24. *Cancer Research*, **2009**, 69, 625-31	10.1	122
499	DNA methylation in childhood asthma: an epigenome-wide meta-analysis. *Lancet Respiratory Medicine,the*, **2018**, 6, 379-388	35.1	119
498	Influence of the COMT genotype on working memory and brain activity changes during development. *Biological Psychiatry*, **2011**, 70, 222-9	7.9	119
497	Physical exercise-induced hyperinsulinemic hypoglycemia is an autosomal-dominant trait characterized by abnormal pyruvate-induced insulin release. *Diabetes*, **2003**, 52, 199-204	0.9	119
496	Functional comparison of mouse slc26a6 anion exchanger with human SLC26A6 polypeptide variants: differences in anion selectivity, regulation, and electrogenicity. *Journal of Biological Chemistry*, **2005**, 280, 8564-80	5.4	119
495	Variants in the fetal genome near FLT1 are associated with risk of preeclampsia. *Nature Genetics*, **2017**, 49, 1255-1260	36.3	118
494	The pruritus- and TH2-associated cytokine IL-31 promotes growth of sensory nerves. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 500-508.e24	11.5	118

493	DYX1C1 functions in neuronal migration in developing neocortex. *Neuroscience*, **2006**, 143, 515-22	3.9	117
492	SLC26A3 mutations in congenital chloride diarrhea. *Human Mutation*, **2002**, 20, 425-38	4.7	115
491	Three dyslexia susceptibility genes, DYX1C1, DCDC2, and KIAA0319, affect temporo-parietal white matter structure. *Biological Psychiatry*, **2012**, 72, 671-6	7.9	114
490	Patterns of matrix metalloproteinase and TIMP-1 expression in chronic and normally healing human cutaneous wounds. *British Journal of Dermatology*, **1996**, 135, 52-59	4	114
489	Physical mapping of the split hand/split foot locus on chromosome 7 and implication in syndromic ectrodactyly. *Human Molecular Genetics*, **1994**, 3, 1345-54	5.6	113
488	A dominant gene for developmental dyslexia on chromosome 3. *Journal of Medical Genetics*, **2001**, 38, 658-64	5.8	112
487	A narrow segment of maternal uniparental disomy of chromosome 7q31-qter in Silver-Russell syndrome delimits a candidate gene region. *American Journal of Human Genetics*, **2001**, 68, 247-53	11	112
486	Coding haplotype analysis supports HCR as the putative susceptibility gene for psoriasis at the MHC PSORS1 locus. *Human Molecular Genetics*, **2002**, 11, 589-97	5.6	106
485	Mapping human chromosomes by walking with sequence-tagged sites from end fragments of yeast artificial chromosome inserts. *Genomics*, **1992**, 14, 241-8	4.3	106
484	Isoforms of SLC26A6 mediate anion transport and have functional PDZ interaction domains. *American Journal of Physiology - Cell Physiology*, **2003**, 284, C769-79	5.4	105
483	Finnish hereditary amyloidosis is caused by a single nucleotide substitution in the gelsolin gene. *FEBS Letters*, **1990**, 276, 75-7	3.8	105
482	Ectodysplasin, a protein required for epithelial morphogenesis, is a novel TNF homologue and promotes cell-matrix adhesion. *Mechanisms of Development*, **1999**, 88, 133-46	1.7	104
481	Large-scale zygosity testing using single nucleotide polymorphisms. *Twin Research and Human Genetics*, **2007**, 10, 604-25	2.2	102
480	Transglutaminase 1 mutations in autosomal recessive congenital ichthyosis: private and recurrent mutations in an isolated population. *American Journal of Human Genetics*, **1997**, 61, 529-38	11	101
479	Haplotypes of G protein-coupled receptor 154 are associated with childhood allergy and asthma. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 171, 1089-95	10.2	100
478	Transcriptome analysis reveals upregulation of bitter taste receptors in severe asthmatics. *European Respiratory Journal*, **2013**, 42, 65-78	13.6	99
477	Timing of infant feeding in relation to childhood asthma and allergic diseases. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 78-86	11.5	98
476	Data mining applied to linkage disequilibrium mapping. *American Journal of Human Genetics*, **2000**, 67, 133-45	11	98

475	Expression analysis of the NLRP gene family suggests a role in human preimplantation development. *PLoS ONE*, **2008**, 3, e2755	3.7	97
474	Welander distal myopathy is caused by a mutation in the RNA-binding protein TIA1. *Annals of Neurology*, **2013**, 73, 500-9	9.4	96
473	X chromosome map at 75-kb STS resolution, revealing extremes of recombination and GC content. *Genome Research*, **1997**, 7, 210-22	9.7	96
472	Interactions between glutathione S-transferase P1, tumor necrosis factor, and traffic-related air pollution for development of childhood allergic disease. *Environmental Health Perspectives*, **2008**, 116, 1077-84	8.4	96
471	Genome-wide analysis of single nucleotide polymorphisms uncovers population structure in Northern Europe. *PLoS ONE*, **2008**, 3, e3519	3.7	94
470	ELMOD2 is a candidate gene for familial idiopathic pulmonary fibrosis. *American Journal of Human Genetics*, **2006**, 79, 149-54	11	94
469	A candidate gene for psoriasis near HLA-C, HCR (Pg8), is highly polymorphic with a disease-associated susceptibility allele. *Human Molecular Genetics*, **2000**, 9, 1533-42	5.6	94
468	Increased expression of the dyslexia candidate gene DCDC2 affects length and signaling of primary cilia in neurons. *PLoS ONE*, **2011**, 6, e20580	3.7	93
467	Human pluripotent reprogramming with CRISPR activators. *Nature Communications*, **2018**, 9, 2643	17.4	90
466	Microbe-host interplay in atopic dermatitis and psoriasis. *Nature Communications*, **2019**, 10, 4703	17.4	90
465	Transcriptome profiling of human pre-implantation development. *PLoS ONE*, **2009**, 4, e7844	3.7	90
464	FANTOM5 CAGE profiles of human and mouse samples. *Scientific Data*, **2017**, 4, 170112	8.2	88
463	The zebrafish transcriptome during early development. *BMC Developmental Biology*, **2011**, 11, 30	3.1	88
462	Characterization of GPRA, a novel G protein-coupled receptor related to asthma. *American Journal of Respiratory Cell and Molecular Biology*, **2005**, 33, 262-70	5.7	88
461	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 2062-2074	11.5	87
460	SAMstrt: statistical test for differential expression in single-cell transcriptome with spike-in normalization. *Bioinformatics*, **2013**, 29, 2943-5	7.2	87
459	Differential roles of epigenetic changes and Foxp3 expression in regulatory T cell-specific transcriptional regulation. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 5289-94	11.5	85
458	A locus on 2p12 containing the co-regulated MRPL19 and C2ORF3 genes is associated to dyslexia. *Human Molecular Genetics*, **2007**, 16, 667-77	5.6	85

457	Ectodysplasin is a collagenous trimeric type II membrane protein with a tumor necrosis factor-like domain and co-localizes with cytoskeletal structures at lateral and apical surfaces of cells. *Human Molecular Genetics*, **1999**, 8, 2079-86	5.6	85
456	Single-cell analysis of human ovarian cortex identifies distinct cell populations but no oogonial stem cells. *Nature Communications*, **2020**, 11, 1147	17.4	84
455	Expression of SLC26A3, CFTR and NHE3 in the human male reproductive tract: role in male subfertility caused by congenital chloride diarrhoea. *Molecular Human Reproduction*, **2006**, 12, 107-11	4.4	84
454	A genome scan for developmental dyslexia confirms linkage to chromosome 2p11 and suggests a new locus on 7q32. *Journal of Medical Genetics*, **2003**, 40, 340-5	5.8	84
453	Update on SLC26A3 mutations in congenital chloride diarrhea. *Human Mutation*, **2011**, 32, 715-22	4.7	83
452	Association analysis of common variants of STAT6, GATA3, and STAT4 to asthma and high serum IgE phenotypes. *Journal of Allergy and Clinical Immunology*, **2005**, 115, 80-7	11.5	83
451	Increased YKL-40 and Chitotriosidase in Asthma and Chronic Obstructive Pulmonary Disease. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 193, 131-42	10.2	82
450	Monoallelic expression of human PEG1/MEST is paralleled by parent-specific methylation in fetuses. *Genomics*, **1997**, 42, 236-44	4.3	82
449	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. *Nature Communications*, **2019**, 10, 1893	17.4	79
448	Helsinki alert of biodiversity and health. *Annals of Medicine*, **2015**, 47, 218-25	1.5	79
447	Meta-analysis confirms the LCE3C_LCE3B deletion as a risk factor for psoriasis in several ethnic groups and finds interaction with HLA-Cw6. *Journal of Investigative Dermatology*, **2011**, 131, 1105-9	4.3	79
446	Research resource: interactome of human embryo implantation: identification of gene expression pathways, regulation, and integrated regulatory networks. *Molecular Endocrinology*, **2012**, 26, 203-17		79
445	Neuropeptide s receptor 1 gene polymorphism is associated with susceptibility to inflammatory bowel disease. *Gastroenterology*, **2007**, 133, 808-17	13.3	79
444	Downregulated in adenoma gene encodes a chloride transporter defective in congenital chloride diarrhea. *American Journal of Physiology - Renal Physiology*, **1999**, 276, G185-92	5.1	79
443	Monosomy 7 in granulocytes and monocytes in myelodysplastic syndrome. *New England Journal of Medicine*, **1987**, 316, 499-503	59.2	79
442	LifeGene--a large prospective population-based study of global relevance. *European Journal of Epidemiology*, **2011**, 26, 67-77	12.1	77
441	Genetic control of serum IgE levels and asthma: linkage and linkage disequilibrium studies in an isolated population. *Human Molecular Genetics*, **1997**, 6, 2069-76	5.6	77
440	Ectodysplasin is released by proteolytic shedding and binds to the EDAR protein. *Human Molecular Genetics*, **2001**, 10, 953-62	5.6	75

439	Factors predisposing to acute and recurrent bacterial non-necrotizing cellulitis in hospitalized patients: a prospective case-control study. *Clinical Microbiology and Infection*, **2010**, 16, 729-34	9.5	72
438	Genome-Wide Interaction Analysis of Air Pollution Exposure and Childhood Asthma with Functional Follow-up. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 195, 1373-1383	10.2	71
437	SLC26A7: a basolateral Cl-/HCO3- exchanger specific to intercalated cells of the outer medullary collecting duct. *American Journal of Physiology - Renal Physiology*, **2004**, 286, F161-9	4.3	71
436	Genome-wide association scan identifies a risk locus for preeclampsia on 2q14, near the inhibin, beta B gene. *PLoS ONE*, **2012**, 7, e33666	3.7	70
435	Assessment of the neuropeptide S system in anxiety disorders. *Biological Psychiatry*, **2010**, 68, 474-83	7.9	70
434	Novel and recurrent STAT3 mutations in hyper-IgE syndrome patients from different ethnic groups. *Molecular Immunology*, **2008**, 46, 202-6	4.3	70
433	Association analysis of the R620W polymorphism of protein tyrosine phosphatase PTPN22 in systemic lupus erythematosus families: increased T allele frequency in systemic lupus erythematosus patients with autoimmune thyroid disease. *Arthritis and Rheumatism*, **2005**, 52, 2396-402		70
432	Damaging heterozygous mutations in NFKB1 lead to diverse immunologic phenotypes. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 782-796	11.5	69
431	Genome wide association study identifies KCNMA1 contributing to human obesity. *BMC Medical Genomics*, **2011**, 4, 51	3.7	68
430	Stromelysin-2 is upregulated during normal wound repair and is induced by cytokines. *Journal of Investigative Dermatology*, **2000**, 115, 778-87	4.3	68
429	Identification of a basolateral Cl-/HCO3- exchanger specific to gastric parietal cells. *American Journal of Physiology - Renal Physiology*, **2003**, 284, G1093-103	5.1	67
428	SLC26A2 (diastrophic dysplasia sulfate transporter) is expressed in developing and mature cartilage but also in other tissues and cell types. *Journal of Histochemistry and Cytochemistry*, **2001**, 49, 973-82	3.4	67
427	Yeast artificial chromosome-based genome mapping: some lessons from Xq24-q28. *Genomics*, **1991** , 11, 783-93	4.3	67
426	DCDC2 mutations cause a renal-hepatic ciliopathy by disrupting Wnt signaling. *American Journal of Human Genetics*, **2015**, 96, 81-92	11	66
425	Clinically distinct epigenetic subgroups in Silver-Russell syndrome: the degree of H19 hypomethylation associates with phenotype severity and genital and skeletal anomalies. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 579-87	5.6	65
424	Two translocations of chromosome 15q associated with dyslexia. *Journal of Medical Genetics*, **2000**, 37, 771-5	5.8	65
423	Long-term prognosis of haemangioblastoma of the CNS: impact of von Hippel-Lindau disease. *Acta Neurochirurgica*, **1999**, 141, 1147-56	3	65
422	Multiple founder effects and geographical clustering of BRCA1 and BRCA2 families in Finland. *European Journal of Human Genetics*, **2000**, 8, 757-63	5.3	64

421	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. *International Journal of Epidemiology*, **2018**, 47, 22-23u	7.8	62
420	Genes identified in Asian SLE GWASs are also associated with SLE in Caucasian populations. *European Journal of Human Genetics*, **2013**, 21, 994-9	5.3	62
419	Risk of childhood asthma is associated with CpG-site polymorphisms, regional DNA methylation and mRNA levels at the GSDMB/ORMDL3 locus. *Human Molecular Genetics*, **2015**, 24, 875-90	5.6	61
418	Tyrosine kinase 2 and interferon regulatory factor 5 polymorphisms are associated with discoid and subacute cutaneous lupus erythematosus. *Experimental Dermatology*, **2010**, 19, 123-31	4	61
417	Genetic background of congenital chloride diarrhea in high-incidence populations: Finland, Poland, and Saudi Arabia and Kuwait. *American Journal of Human Genetics*, **1998**, 63, 760-8	11	61
416	Submicroscopic genomic alterations in Silver-Russell syndrome and Silver-Russell-like patients. *Journal of Medical Genetics*, **2010**, 47, 816-22	5.8	60
415	Evidence for genetic association and interaction between the TYK2 and IRF5 genes in systemic lupus erythematosus. *Journal of Rheumatology*, **2009**, 36, 1631-8	4.1	60
414	Human population genetics: lessons from Finland. *Annual Review of Genomics and Human Genetics*, **2001**, 2, 103-28	9.7	60
413	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. *Environmental Health Perspectives*, **2019**, 127, 57012	8.4	58
412	Single-cell transcriptome analysis of endometrial tissue. *Human Reproduction*, **2016**, 31, 844-53	5.7	58
411	ELMOD2, a candidate gene for idiopathic pulmonary fibrosis, regulates antiviral responses. *FASEB Journal*, **2010**, 24, 1167-77	0.9	58
410	The complex of TFII-I, PARP1, and SFPQ proteins regulates the DYX1C1 gene implicated in neuronal migration and dyslexia. *FASEB Journal*, **2008**, 22, 3001-9	0.9	58
409	The human GIMAP5 gene has a common polyadenylation polymorphism increasing risk to systemic lupus erythematosus. *Journal of Medical Genetics*, **2007**, 44, 314-21	5.8	58
408	. *Nature Genetics*, **2001**, 28, 87-91	36.3	58
407	Homozygosity for the Asn187 gelsolin mutation in Finnish-type familial amyloidosis is associated with severe renal disease. *Genomics*, **1992**, 13, 902-3	4.3	58
406	Novel PRD-like homeodomain transcription factors and retrotransposon elements in early human development. *Nature Communications*, **2015**, 6, 8207	17.4	57
405	alpha2-Heremans-Schmid glycoprotein gene polymorphisms are associated with adipocyte insulin action. *Diabetologia*, **2004**, 47, 1974-9	10.3	57
404	The congenital chloride diarrhea gene is expressed in seminal vesicle, sweat gland, inflammatory colon epithelium, and in some dysplastic colon cells. *Histochemistry and Cell Biology*, **2000**, 113, 279-86	2.4	57

403	Cloning and characterization of DXS6673E, a candidate gene for X-linked mental retardation in Xq13.1. *Human Molecular Genetics*, **1996**, 5, 887-97	5.6	57
402	The molecular genetics and neurobiology of developmental dyslexia as model of a complex phenotype. *Biochemical and Biophysical Research Communications*, **2014**, 452, 236-43	3.4	56
401	Further evidence for DYX1C1 as a susceptibility factor for dyslexia. *Psychiatric Genetics*, **2009**, 19, 59-63	2.9	55
400	Introduction of complementary foods in infancy and atopic sensitization at the age of 5 years: timing and food diversity in a Finnish birth cohort. *Allergy: European Journal of Allergy and Clinical Immunology*, **2013**, 68, 507-16	9.3	54
399	Variation in DNA repair genes ERCC2, XRCC1, and XRCC3 and risk of follicular lymphoma. *Cancer Epidemiology Biomarkers and Prevention*, **2006**, 15, 258-65	4	54
398	Gene mapping in isolated populations: new roles for old friends?. *Human Heredity*, **2000**, 50, 57-65	1.1	54
397	Age-associated DNA methylation changes in immune genes, histone modifiers and chromatin remodeling factors within 5 years after birth in human blood leukocytes. *Clinical Epigenetics*, **2015**, 7, 34	7.7	53
396	Exposure to Traffic-Related Air Pollution and Serum Inflammatory Cytokines in Children. *Environmental Health Perspectives*, **2017**, 125, 067007	8.4	53
395	IL23R in the Swedish, Finnish, Hungarian and Italian populations: association with IBD and psoriasis, and linkage to celiac disease. *BMC Medical Genetics*, **2009**, 10, 8	2.1	53
394	Expression of ion transport-associated proteins in human efferent and epididymal ducts. *Reproduction*, **2007**, 133, 775-84	3.8	53
393	Influence of male sex and parental allergic disease on childhood wheezing: role of interactions. *Clinical and Experimental Allergy*, **2004**, 34, 839-44	4.1	53
392	Gene expression profiling of pre-eclamptic placentae by RNA sequencing. *Scientific Reports*, **2015**, 5, 14107	4.9	52
391	Polymorphisms in the dopamine receptor 2 gene region influence improvements during working memory training in children and adolescents. *Journal of Cognitive Neuroscience*, **2014**, 26, 54-62	3.1	52
390	Neuropeptide S and G protein-coupled receptor 154 modulate macrophage immune responses. *Human Molecular Genetics*, **2006**, 15, 1667-79	5.6	52
389	Mapping of the second locus for the Van der Woude syndrome to chromosome 1p34. *European Journal of Human Genetics*, **2001**, 9, 747-52	5.3	52
388	Familial amyloidosis, Finnish type: G654----a mutation of the gelsolin gene in Finnish families and an unrelated American family. *Genomics*, **1992**, 13, 898-901	4.3	52
387	The aromatase gene CYP19A1: several genetic and functional lines of evidence supporting a role in reading, speech and language. *Behavior Genetics*, **2012**, 42, 509-27	3.2	51
386	The SNAP25 gene is linked to working memory capacity and maturation of the posterior cingulate cortex during childhood. *Biological Psychiatry*, **2010**, 68, 1120-5	7.9	51

385	Replication of GWAS-identified systemic lupus erythematosus susceptibility genes affirms B-cell receptor pathway signalling and strengthens the role of IRF5 in disease susceptibility in a Northern European population. *Rheumatology*, **2012**, 51, 87-92	3.9	51
384	Collagen XI sequence variations in nonsyndromic cleft palate, Robin sequence and micrognathia. *European Journal of Human Genetics*, **2003**, 11, 265-70	5.3	51
383	NOD-like receptor signaling and inflammasome-related pathways are highlighted in psoriatic epidermis. *Scientific Reports*, **2016**, 6, 22745	4.9	51
382	Acute bacterial, nonnecrotizing cellulitis in Finland: microbiological findings. *Clinical Infectious Diseases*, **2008**, 46, 855-61	11.6	50
381	Do patients with maternal uniparental disomy for chromosome 7 have a distinct mild Silver-Russell phenotype?. *Journal of Medical Genetics*, **2001**, 38, 273-8	5.8	50
380	Dopamine, working memory, and training induced plasticity: implications for developmental research. *Developmental Psychology*, **2012**, 48, 836-43	3.7	49
379	Mechanisms of inactivation of MLH1 in hereditary nonpolyposis colorectal carcinoma: a novel approach. *Oncogene*, **2007**, 26, 4541-9	9.2	49
378	Investigatory and analytical approaches to differential gene expression profiling in mantle cell lymphoma. *British Journal of Haematology*, **2002**, 119, 905-15	4.5	48
377	Sequencing of breast cancer stem cell populations indicates a dynamic conversion between differentiation states in vivo. *Breast Cancer Research*, **2014**, 16, R72	8.3	47
376	Functional interaction of DYX1C1 with estrogen receptors suggests involvement of hormonal pathways in dyslexia. *Human Molecular Genetics*, **2009**, 18, 2802-12	5.6	47
375	Liver X receptor gene polymorphisms and adipose tissue expression levels in obesity. *Pharmacogenetics and Genomics*, **2006**, 16, 881-9	1.9	47
374	The mutation spectrum of the EDA gene in X-linked anhidrotic ectodermal dysplasia. *Human Mutation*, **2001**, 17, 349	4.7	47
373	The Roots of Autism and ADHD Twin Study in Sweden (RATSS). *Twin Research and Human Genetics*, **2014**, 17, 164-76	2.2	46
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