# Juha Kere

## List of Publications by Year in Descending Order



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| 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 | SkewC: Identifying cells with skewed gene body coverage in single-cell RNA sequencing data.. *IScience*, **2022**, 25, 103777 | 6.1 | 0 |
| 545 | is a multifunctional factor priming human embryonic genome activation.. *IScience*, **2022**, 25, 104137 | 6.1 | 1 |
| 544 | Idiopathic scoliosis: a systematic review and meta-analysis of heritability. *EFORT Open Reviews*, **2022**, 7, 414-421 | 5.5 | |
| 543 | Motor Function Deficits in the Estrogen Receptor Beta Knockout Mouse: Role on Excitatory Neurotransmission and Myelination in the Motor Cortex. *Neuroendocrinology*, **2021**, 111, 27-44 | 5.6 | 4 |
| 542 | Characteristics of preeclampsia in donor cell gestations.. *Pregnancy Hypertension*, **2021**, 27, 59-61 | 2.6 | 0 |
| 541 | Embryonic LTR retrotransposons supply promoter modules to somatic tissues. *Genome Research*, **2021**, 31, 1983-1993 | 9.7 | 1 |
| 540 | Genome-wide association study reveals new insights into the heritability and genetic correlates of developmental dyslexia. *Molecular Psychiatry*, **2021**, 26, 3004-3017 | 15.1 | 22 |
| 539 | Distinct whole-blood transcriptome profile of children with metabolic healthy overweight/obesity compared to metabolic unhealthy overweight/obesity. *Pediatric Research*, **2021**, 89, 1687-1694 | 3.2 | 6 |
| 538 | Otitis media susceptibility and shifts in the head and neck microbiome due to variants. *Journal of Medical Genetics*, **2021**, 58, 442-452 | 5.8 | 5 |
| 537 | Toxicogenomic Profiling of 28 Nanomaterials in Mouse Airways. *Advanced Science*, **2021**, 8, 2004588 | 13.6 | 7 |
| 536 | Dysfunction of complement receptors CR3 (CD11b/18) and CR4 (CD11c/18) in pre-eclampsia: a genetic and functional study. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2021**, 128, 1282-1291 | 3.7 | 5 |
| 535 | High-resolution targeted bisulfite sequencing reveals blood cell type-specific DNA methylation patterns in IL13 and ORMDL3. *Clinical Epigenetics*, **2021**, 13, 106 | 7.7 | |
| 534 | HLA-G expression correlates with histological grade but not with prognosis in colorectal carcinoma. *Hla*, **2021**, 98, 213-217 | 1.9 | 2 |
| 533 | Discovery of widespread transcription initiation at microsatellites predictable by sequence-based deep neural network. *Nature Communications*, **2021**, 12, 3297 | 17.4 | 3 |
| 532 | The role of CDHR3 in susceptibility to otitis media. *Journal of Molecular Medicine*, **2021**, 99, 1571-1583 | 5.5 | 1 |
| 531 | Association of Maternal DNA Methylation and Offspring Birthweight. *Reproductive Sciences*, **2021**, 28, 218-227 | 3 | 1 |
| 530 | Microbial and transcriptional differences elucidate atopic dermatitis heterogeneity across skin sites. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**, 76, 1173-1187 | 9.3 | 7 |

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| 529 | DNA Methylation Levels in Mononuclear Leukocytes from the Mother and Her Child Are Associated with IgE Sensitization to Allergens in Early Life. *International Journal of Molecular Sciences*, **2021**, 22, | 6.3 | 5 |
| 528 | Nasal upregulation of in dog-sensitised children with severe allergic airway disease. *ERJ Open Research*, **2021**, 7, | 3.5 | 1 |
| 527 | A missense variant in IFT122 associated with a canine model of retinitis pigmentosa. *Human Genetics*, **2021**, 140, 1569-1579 | 6.3 | 0 |
| 526 | Small RNA expression and miRNA modification dynamics in human oocytes and early embryos. *Genome Research*, **2021**, 31, 1474-1485 | 9.7 | 1 |
| 525 | Dog colour patterns explained by modular promoters of ancient canid origin. *Nature Ecology and Evolution*, **2021**, 5, 1415-1423 | 12.3 | 3 |
| 524 | Cystatin B-deficiency triggers ectopic histone H3 tail cleavage during neurogenesis. *Neurobiology of Disease*, **2021**, 156, 105418 | 7.5 | 1 |
| 523 | Generation of RNA sequencing libraries for transcriptome analysis of globin-rich tissues of the domestic dog.. *STAR Protocols*, **2021**, 2, 100995 | 1.4 | 0 |
| 522 | Differentiation of ciliated human midbrain-derived LUHMES neurons. *Journal of Cell Science*, **2020**, 133, | 5.3 | 2 |
| 521 | Rare variants in dynein heavy chain genes in two individuals with situs inversus and developmental dyslexia: a case report. *BMC Medical Genetics*, **2020**, 21, 87 | 2.1 | 1 |
| 520 | A putative silencer variant in a spontaneous canine model of retinitis pigmentosa. *PLoS Genetics*, **2020**, 16, e1008659 | 6 | 4 |
| 519 | Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. *Genome Medicine*, **2020**, 12, 25 | 14.4 | 37 |
| 518 | Single-cell analysis of human ovarian cortex identifies distinct cell populations but no oogonial stem cells. *Nature Communications*, **2020**, 11, 1147 | 17.4 | 84 |
| 517 | Novel Hemizygous IL2RG p.(Pro58Ser) Mutation Impairs IL-2 Receptor Complex Expression on Lymphocytes Causing X-Linked Combined Immunodeficiency. *Journal of Clinical Immunology*, **2020**, 40, 503-514 | 5.7 | 3 |
| 516 | Phenotypic Variability with SLURP1 Mutations and Diffuse Palmoplantar Keratoderma. *Acta Dermato-Venereologica*, **2020**, 100, adv00060 | 2.2 | |
| 515 | Dyslexia Candidate Gene and Ciliary Gene Expression Dynamics During Human Neuronal Differentiation. *Molecular Neurobiology*, **2020**, 57, 2944-2958 | 6.2 | 4 |
| 514 | Acute wheeze-specific gene module shows correlation with vitamin D and asthma medication. *European Respiratory Journal*, **2020**, 55, | 13.6 | 2 |
| 513 | Nagashima-type palmoplantar keratosis in Finland caused by a SERPINB7 founder mutation. *Journal of the American Academy of Dermatology*, **2020**, 83, 643-645 | 4.5 | 8 |
| 512 | Multiparametric Profiling of Engineered Nanomaterials: Unmasking the Surface Coating Effect. *Advanced Science*, **2020**, 7, 2002221 | 13.6 | 11 |

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| 511 | Fetal HLA-G mediated immune tolerance and interferon response in preeclampsia. *EBioMedicine*, **2020**, 59, 102872 | 8.8 | 14 |
| 510 | Functional annotation of human long noncoding RNAs via molecular phenotyping. *Genome Research*, **2020**, 30, 1060-1072 | 9.7 | 41 |
| 509 | PCSK2 expression in neuroendocrine tumors points to a midgut, pulmonary, or pheochromocytoma-paraganglioma origin. *Apmis*, **2020**, 128, 563-572 | 3.4 | 1 |
| 508 | Epigenetic alterations in skin homing CD4CLA T cells of atopic dermatitis patients. *Scientific Reports* , **2020**, 10, 18020 | 4.9 | 9 |
| 507 | Multi-omic studies on missense PLG variants in families with otitis media. *Scientific Reports*, **2020**, 10, 15035 | 4.9 | 2 |
| 506 | Congenital chloride diarrhea and Pendred syndrome: case report of siblings with two rare recessive disorders of SLC26 family genes. *BMC Medical Genetics*, **2020**, 21, 79 | 2.1 | 1 |
| 505 | NET-CAGE characterizes the dynamics and topology of human transcribed cis-regulatory elements. *Nature Genetics*, **2019**, 51, 1369-1379 | 36.3 | 33 |
| 504 | Complement in Human Pre-implantation Embryos: Attack and Defense. *Frontiers in Immunology*, **2019**, 10, 2234 | 8.4 | 5 |
| 503 | The human long non-coding RNA gene RMRP has pleiotropic effects and regulates cell-cycle progression at G2. *Scientific Reports*, **2019**, 9, 13758 | 4.9 | 14 |
| 502 | Epigenome-wide meta-analysis of DNA methylation and childhood asthma. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 2062-2074 | 11.5 | 87 |
| 501 | Pleomorphic Adenoma Gene 1 Is Needed For Timely Zygotic Genome Activation and Early Embryo Development. *Scientific Reports*, **2019**, 9, 8411 | 4.9 | 6 |
| 500 | Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. *Environmental Health Perspectives*, **2019**, 127, 57012 | 8.4 | 58 |
| 499 | Pool-seq driven proteogenomic database for Group G Streptococcus. *Journal of Proteomics*, **2019**, 201, 84-92 | 3.9 | 2 |
| 498 | A preliminary transcriptome analysis suggests a transitory effect of vitamin D on mitochondrial function in obese young Finnish subjects. *Endocrine Connections*, **2019**, 8, 559-570 | 3.5 | 5 |
| 497 | A2ML1 and otitis media: novel variants, differential expression, and relevant pathways. *Human Mutation*, **2019**, 40, 1156-1171 | 4.7 | 9 |
| 496 | 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 |
| 495 | Cationic gold nanoparticles elicit mitochondrial dysfunction: a multi-omics study. *Scientific Reports*, **2019**, 9, 4366 | 4.9 | 31 |
| 494 | Myoglobinopathy is an adult-onset autosomal dominant myopathy with characteristic sarcoplasmic inclusions. *Nature Communications*, **2019**, 10, 1396 | 17.4 | 7 |

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| 493 | Discovering heritable modes of MEG spectral power. *Human Brain Mapping*, **2019**, 40, 1391-1402 | 5.9 | 7 |
| 492 | Nocturnal asthma is affected by genetic interactions between RORA and NPSR1. *Pediatric Pulmonology*, **2019**, 54, 847-857 | 3.5 | 3 |
| 491 | Genome-wide association scan identifies new variants associated with a cognitive predictor of dyslexia. *Translational Psychiatry*, **2019**, 9, 77 | 8.6 | 42 |
| 490 | DNA Methylation Trajectories During Pregnancy. *Epigenetics Insights*, **2019**, 12, 2516865719867090 | 3 | 13 |
| 489 | Guide for library design and bias correction for large-scale transcriptome studies using highly multiplexed RNAseq methods. *BMC Bioinformatics*, **2019**, 20, 418 | 3.6 | 6 |
| 488 | Gain-of-function CEBPE mutation causes noncanonical autoinflammatory inflammasomopathy. *Journal of Allergy and Clinical Immunology*, **2019**, 144, 1364-1376 | 11.5 | 20 |
| 487 | Dominant TOM1 mutation associated with combined immunodeficiency and autoimmune disease. *Npj Genomic Medicine*, **2019**, 4, 14 | 6.2 | 6 |
| 486 | Microbe-host interplay in atopic dermatitis and psoriasis. *Nature Communications*, **2019**, 10, 4703 | 17.4 | 90 |
| 485 | Genotype and Blood Type Are Associated with Otitis Media. *Genetic Testing and Molecular Biomarkers*, **2019**, 23, 823-827 | 1.6 | 1 |
| 484 | Delineating the Healthy Human Skin UV Response and Early Induction of Interferon Pathway in Cutaneous Lupus Erythematosus. *Journal of Investigative Dermatology*, **2019**, 139, 2058-2061.e4 | 4.3 | 5 |
| 483 | A multiethnic meta-analysis defined the association of rs12946942 with severe adolescent idiopathic scoliosis. *Journal of Human Genetics*, **2019**, 64, 493-498 | 4.3 | 6 |
| 482 | Discovery of increased epidermal DNAH10 expression after regeneration of dermis in a randomized with-in person trial - reflections on psoriatic inflammation. *Scientific Reports*, **2019**, 9, 19136 | 4.9 | 3 |
| 481 | Novel TMEM173 Mutation and the Role of Disease Modifying Alleles. *Frontiers in Immunology*, **2019**, 10, 2770 | 8.4 | 21 |
| 480 | Impact of obesity on angiogenic and inflammatory markers in the Finnish Genetics of Pre-eclampsia Consortium (FINNPEC) cohort. *International Journal of Obesity*, **2019**, 43, 1070-1081 | 5.5 | 11 |
| 479 | European families reveal MHC class I and II associations with autoimmune-mediated congenital heart block. *Annals of the Rheumatic Diseases*, **2018**, 77, 1381-1382 | 2.4 | 4 |
| 478 | DNA methylation in childhood asthma: an epigenome-wide meta-analysis. *Lancet Respiratory Medicine,the*, **2018**, 6, 379-388 | 35.1 | 119 |
| 477 | Reduced CDHR3 expression in children wheezing with rhinovirus. *Pediatric Allergy and Immunology*, **2018**, 29, 200-206 | 4.2 | 14 |
| 476 | Characterization of the human RFX transcription factor family by regulatory and target gene analysis. *BMC Genomics*, **2018**, 19, 181 | 4.5 | 29 |

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| 475 | Metabolic and functional changes in transgender individuals following cross-sex hormone treatment: Design and methods of the GEnder Dysphoria Treatment in Sweden (GETS) study. *Contemporary Clinical Trials Communications*, **2018**, 10, 148-153 | 1.8 | 17 |
| 474 | Mlh1 deficiency in normal mouse colon mucosa associates with chromosomally unstable colon cancer. *Carcinogenesis*, **2018**, 39, 788-797 | 4.6 | 10 |
| 473 | An international meta-analysis confirms the association of BNC2 with adolescent idiopathic scoliosis. *Scientific Reports*, **2018**, 8, 4730 | 4.9 | 12 |
| 472 | Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. *International Journal of Epidemiology*, **2018**, 47, 22-23u | 7.8 | 62 |
| 471 | Intracellular signalling pathways and cytoskeletal functions converge on the psoriasis candidate gene CCHCR1 expressed at P-bodies and centrosomes. *BMC Genomics*, **2018**, 19, 432 | 4.5 | 6 |
| 470 | MANF protects human pancreatic beta cells against stress-induced cell death. *Diabetologia*, **2018**, 61, 2202-2214 | 10.3 | 44 |
| 469 | The Psoriasis Risk Allele Shows Evidence of Association with Chronic or Recurrent Streptococcal Tonsillitis. *Infection and Immunity*, **2018**, 86, | 3.7 | 10 |
| 468 | A multi-ethnic meta-analysis confirms the association of rs6570507 with adolescent idiopathic scoliosis. *Scientific Reports*, **2018**, 8, 11575 | 4.9 | 21 |
| 467 | Human pluripotent reprogramming with CRISPR activators. *Nature Communications*, **2018**, 9, 2643 | 17.4 | 90 |
| 466 | Fetal Microsatellite in the Heme Oxygenase 1 Promoter Is Associated With Severe and Early-Onset Preeclampsia. *Hypertension*, **2018**, 71, 95-102 | 8.5 | 11 |
| 465 | TAC-seq: targeted DNA and RNA sequencing for precise biomarker molecule counting. *Npj Genomic Medicine*, **2018**, 3, 34 | 6.2 | 13 |
| 464 | Phylogenetic and mutational analyses of human LEUTX, a homeobox gene implicated in embryogenesis. *Scientific Reports*, **2018**, 8, 17421 | 4.9 | 6 |
| 463 | A Non-Targeted LC-MS Profiling Reveals Elevated Levels of Carnitine Precursors and Trimethylated Compounds in the Cord Plasma of Pre-Eclamptic Infants. *Scientific Reports*, **2018**, 8, 14616 | 4.9 | 13 |
| 462 | Single-cell RNA-seq analysis reveals the platinum resistance gene COX7B and the surrogate marker CD63. *Cancer Medicine*, **2018**, 7, 6193-6204 | 4.8 | 16 |
| 461 | FUT2 Variants Confer Susceptibility to Familial Otitis Media. *American Journal of Human Genetics*, **2018**, 103, 679-690 | 11 | 27 |
| 460 | Genome-wide meta-analysis and replication studies in multiple ethnicities identify novel adolescent idiopathic scoliosis susceptibility loci. *Human Molecular Genetics*, **2018**, 27, 3986-3998 | 5.6 | 13 |
| 459 | Enrichment of rare copy number variation in children with developmental language disorder. *Clinical Genetics*, **2018**, 94, 313-320 | 4 | 11 |
| 458 | Human ROBO1 regulates white matter structure in corpus callosum. *Brain Structure and Function*, **2017**, 222, 707-716 | 4 | 4 |

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| 457 | Damaging heterozygous mutations in NFKB1 lead to diverse immunologic phenotypes. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 782-796 | 11.5 | 69 |
| 456 | Ketogenic diet attenuates hepatopathy in mouse model of respiratory chain complex III deficiency caused by a Bcs1l mutation. *Scientific Reports*, **2017**, 7, 957 | 4.9 | 21 |
| 455 | Estrogen receptor β a regulator of androgen receptor signaling in the mouse ventral prostate. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E3816-E3822 | 11.5 | 41 |
| 454 | Optimizing bone morphogenic protein 4-mediated human embryonic stem cell differentiation into trophoblast-like cells using fibroblast growth factor 2 and transforming growth factor-β/activin/nodal signalling inhibition. *Reproductive BioMedicine Online*, **2017**, 35, 253-263 | 4 | 5 |
| 453 | Variants in the fetal genome near FLT1 are associated with risk of preeclampsia. *Nature Genetics*, **2017**, 49, 1255-1260 | 36.3 | 118 |
| 452 | Sequence analysis of pooled bacterial samples enables identification of strain variation in group A streptococcus. *Scientific Reports*, **2017**, 7, 45771 | 4.9 | 3 |
| 451 | Combined immunodeficiency and hypoglycemia associated with mutations in hypoxia upregulated 1. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1391-1393.e11 | 11.5 | 10 |
| 450 | 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 |
| 449 | A missense mutation in SLC26A3 is associated with human male subfertility and impaired activation of CFTR. *Scientific Reports*, **2017**, 7, 14208 | 4.9 | 12 |
| 448 | Neuropeptide S (NPS) variants modify the signaling and risk effects of NPS Receptor 1 (NPSR1) variants in asthma. *PLoS ONE*, **2017**, 12, e0176568 | 3.7 | 9 |
| 447 | Exposure to Traffic-Related Air Pollution and Serum Inflammatory Cytokines in Children. *Environmental Health Perspectives*, **2017**, 125, 067007 | 8.4 | 53 |
| 446 | 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 |
| 445 | FANTOM5 CAGE profiles of human and mouse samples. *Scientific Data*, **2017**, 4, 170112 | 8.2 | 88 |
| 444 | Acute doses of caffeine shift nervous system cell expression profiles toward promotion of neuronal projection growth. *Scientific Reports*, **2017**, 7, 11458 | 4.9 | 13 |
| 443 | Identification of NCAN as a candidate gene for developmental dyslexia. *Scientific Reports*, **2017**, 7, 9294 | 4.9 | 14 |
| 442 | Hypomethylation of HOXA4 promoter is common in Silver-Russell syndrome and growth restriction and associates with stature in healthy children. *Scientific Reports*, **2017**, 7, 15693 | 4.9 | 9 |
| 441 | Protective Low-Frequency Variants for Preeclampsia in the Fms Related Tyrosine Kinase 1 Gene in the Finnish Population. *Hypertension*, **2017**, 70, 365-371 | 8.5 | 15 |
| 440 | Comprehensive mapping of the effects of azacitidine on DNA methylation, repressive/permissive histone marks and gene expression in primary cells from patients with MDS and MDS-related disease. *Oncotarget*, **2017**, 8, 28812-28825 | 3.3 | 28 |

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| 439 | The emerging landscape of dynamic DNA methylation in early childhood. *BMC Genomics*, **2017**, 18, 25 | 4.5 | 32 |
| 438 | Analysis of Complement Gene Reveals Susceptibility to Severe Preeclampsia. *Frontiers in Immunology*, **2017**, 8, 589 | 8.4 | 26 |
| 437 | Unexpectedly High Prevalence of Common Variable Immunodeficiency in Finland. *Frontiers in Immunology*, **2017**, 8, 1190 | 8.4 | 30 |
| 436 | CELSR2 is a candidate susceptibility gene in idiopathic scoliosis. *PLoS ONE*, **2017**, 12, e0189591 | 3.7 | 9 |
| 435 | 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 |
| 434 | An RGS2 3QUTR polymorphism is associated with preeclampsia in overweight women. *BMC Genetics*, **2016**, 17, 121 | 2.6 | 8 |
| 433 | The diagnosis of pre-eclampsia using two revised classifications in the Finnish Pre-eclampsia Consortium (FINNPEC) cohort. *BMC Pregnancy and Childbirth*, **2016**, 16, 221 | 3.2 | 23 |
| 432 | Ciliary dyslexia candidate genes DYX1C1 and DCDC2 are regulated by Regulatory Factor X (RFX) transcription factors through X-box promoter motifs. *FASEB Journal*, **2016**, 30, 3578-3587 | 0.9 | 20 |
| 431 | Whole-Exome Sequencing Suggests LAMB3 as a Susceptibility Gene for Morbid Obesity. *Diabetes*, **2016**, 65, 2980-9 | 0.9 | 13 |
| 430 | Characterization and target genes of nine human PRD-like homeobox domain genes expressed exclusively in early embryos. *Scientific Reports*, **2016**, 6, 28995 | 4.9 | 23 |
| 429 | Globin mRNA reduction for whole-blood transcriptome sequencing. *Scientific Reports*, **2016**, 6, 31584 | 4.9 | 28 |
| 428 | Exome sequencing in pooled DNA samples to identify maternal pre-eclampsia risk variants. *Scientific Reports*, **2016**, 6, 29085 | 4.9 | 13 |
| 427 | Investigation of rare and low-frequency variants using high-throughput sequencing with pooled DNA samples. *Scientific Reports*, **2016**, 6, 33256 | 4.9 | 10 |
| 426 | Genome-wide association analysis reveals variants on chromosome 19 that contribute to childhood risk of chronic otitis media with effusion. *Scientific Reports*, **2016**, 6, 33240 | 4.9 | 17 |
| 425 | Targeted high-throughput sequencing of candidate genes for chronic obstructive pulmonary disease. *BMC Pulmonary Medicine*, **2016**, 16, 146 | 3.5 | 10 |
| 424 | Genomic sequencing of a dyslexia susceptibility haplotype encompassing ROBO1. *Journal of Neurodevelopmental Disorders*, **2016**, 8, 4 | 4.6 | 5 |
| 423 | Single-cell transcriptome analysis of endometrial tissue. *Human Reproduction*, **2016**, 31, 844-53 | 5.7 | 58 |
| 422 | The Salivary Scavenger and Agglutinin (SALSA) in Healthy and Complicated Pregnancy. *PLoS ONE*, **2016**, 11, e0147867 | 3.7 | 8 |

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| 421 | Gene-Expression Profiling Suggests Impaired Signaling via the Interferon Pathway in Cstb-/- Microglia. *PLoS ONE*, **2016**, 11, e0158195 | 3.7 | 7 |
| 420 | Identification of Novel Transcribed Regions in Zebrafish (Danio rerio) Using RNA-Sequencing. *PLoS ONE*, **2016**, 11, e0160197 | 3.7 | 3 |
| 419 | Molecular Characterization of Three Canine Models of Human Rare Bone Diseases: Caffey, van den Ende-Gupta, and Raine Syndromes. *PLoS Genetics*, **2016**, 12, e1006037 | 6 | 27 |
| 418 | Evidence for genetic regulation of the human parieto-occipital 10-Hz rhythmic activity. *European Journal of Neuroscience*, **2016**, 44, 1963-71 | 3.5 | 11 |
| 417 | NOD-like receptor signaling and inflammasome-related pathways are highlighted in psoriatic epidermis. *Scientific Reports*, **2016**, 6, 22745 | 4.9 | 51 |
| 416 | The human PRD-like homeobox gene LEUTX has a central role in embryo genome activation. *Development (Cambridge)*, **2016**, 143, 3459-3469 | 6.6 | 21 |
| 415 | High-specificity bioinformatics framework for epigenomic profiling of discordant twins reveals specific and shared markers for ACPA and ACPA-positive rheumatoid arthritis. *Genome Medicine*, **2016**, 8, 124 | 14.4 | 20 |
| 414 | Cohort profile: the Finnish Genetics of Pre-eclampsia Consortium (FINNPEC). *BMJ Open*, **2016**, 6, e013148 | 3 | 22 |
| 413 | 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 |
| 412 | 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 |
| 411 | Preeclampsia does not share common risk alleles in 9p21 with coronary artery disease and type 2 diabetes. *Annals of Medicine*, **2016**, 48, 330-6 | 1.5 | 0 |
| 410 | The Hydroxysteroid (17)Dehydrogenase Family Gene HSD17B12 Is Involved in the Prostaglandin Synthesis Pathway, the Ovarian Function, and Regulation of Fertility. *Endocrinology*, **2016**, 157, 3719-3730 | 4.8 | 27 |
| 409 | DCDC2 mutations cause a renal-hepatic ciliopathy by disrupting Wnt signaling. *American Journal of Human Genetics*, **2015**, 96, 81-92 | 11 | 66 |
| 408 | A missense change in the ATG4D gene links aberrant autophagy to a neurodegenerative vacuolar storage disease. *PLoS Genetics*, **2015**, 11, e1005169 | 6 | 37 |
| 407 | Transcriptome analysis of controlled and therapy-resistant childhood asthma reveals distinct gene expression profiles. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 638-48 | 11.5 | 40 |
| 406 | Helsinki alert of biodiversity and health. *Annals of Medicine*, **2015**, 47, 218-25 | 1.5 | 79 |
| 405 | Evidence of streptococcal origin of acute non-necrotising cellulitis: a serological study. *European Journal of Clinical Microbiology and Infectious Diseases*, **2015**, 34, 669-72 | 5.3 | 19 |
| 404 | 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 |

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| 403 | Mutation in CEP63 co-segregating with developmental dyslexia in a Swedish family. *Human Genetics*, **2015**, 134, 1239-48 | 6.3 | 15 |
| 402 | Gene expression analysis of skin grafts and cultured keratinocytes using synthetic RNA normalization reveals insights into differentiation and growth control. *BMC Genomics*, **2015**, 16, 476 | 4.5 | 18 |
| 401 | Candidate gene analysis and exome sequencing confirm LBX1 as a susceptibility gene for idiopathic scoliosis. *Spine Journal*, **2015**, 15, 2239-46 | 4 | 41 |
| 400 | Novel PRD-like homeodomain transcription factors and retrotransposon elements in early human development. *Nature Communications*, **2015**, 6, 8207 | 17.4 | 57 |
| 399 | GIMAP GTPase family genes: potential modifiers in autoimmune diabetes, asthma, and allergy. *Journal of Immunology*, **2015**, 194, 5885-94 | 5.3 | 23 |
| 398 | Variant Profiling of Candidate Genes in Pancreatic Ductal Adenocarcinoma. *Clinical Chemistry*, **2015**, 61, 1408-16 | 5.5 | 16 |
| 397 | CTNND2-a candidate gene for reading problems and mild intellectual disability. *Journal of Medical Genetics*, **2015**, 52, 111-22 | 5.8 | 24 |
| 396 | Exome sequencing followed by genotyping suggests SYPL2 as a susceptibility gene for morbid obesity. *European Journal of Human Genetics*, **2015**, 23, 1216-22 | 5.3 | 16 |
| 395 | 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 |
| 394 | Aberrant splicing of genes involved in haemoglobin synthesis and impaired terminal erythroid maturation in SF3B1 mutated refractory anaemia with ring sideroblasts. *British Journal of Haematology*, **2015**, 171, 478-90 | 4.5 | 23 |
| 393 | Gene expression profiling of pre-eclamptic placentae by RNA sequencing. *Scientific Reports*, **2015**, 5, 14107 | 4.9 | 52 |
| 392 | Autoimmunity, hypogammaglobulinemia, lymphoproliferation, and mycobacterial disease in patients with activating mutations in STAT3. *Blood*, **2015**, 125, 639-48 | 2.2 | 175 |
| 391 | High-throughput mutational screening adds clinically important information in myelodysplastic syndromes and secondary or therapy-related acute myeloid leukemia. *Haematologica*, **2015**, 100, e223-5 | 6.6 | 11 |
| 390 | Genome-wide association study identifies new susceptibility loci for cutaneous lupus erythematosus. *Experimental Dermatology*, **2015**, 24, 510-5 | 4 | 37 |
| 389 | Discovery of molecular markers to discriminate corneal endothelial cells in the human body. *PLoS ONE*, **2015**, 10, e0117581 | 3.7 | 19 |
| 388 | The Constrained Maximal Expression Level Owing to Haploidy Shapes Gene Content on the Mammalian X Chromosome. *PLoS Biology*, **2015**, 13, e1002315 | 9.7 | 17 |
| 387 | Application of Gene Expression Trajectories Initiated from ErbB Receptor Activation Highlights the Dynamics of Divergent Promoter Usage. *PLoS ONE*, **2015**, 10, e0144176 | 3.7 | 1 |
| 386 | Polymorphisms in DCDC2 and S100B associate with developmental dyslexia. *Journal of Human Genetics*, **2015**, 60, 399-401 | 4.3 | 18 |

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| 385 | Associations between the 17q21 region and allergic rhinitis in 5 birth cohorts. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 573-6 | 11.5 | 12 |
| 384 | Predictors of recurrent cellulitis in five years. Clinical risk factors and the role of PTX3 and CRP. *Journal of Infection*, **2015**, 70, 467-73 | 18.9 | 7 |
| 383 | The statistical geometry of transcriptome divergence in cell-type evolution and cancer. *Nature Communications*, **2015**, 6, 6066 | 17.4 | 33 |
| 382 | Dominant NFKB1 Mutations Cause Antibody Deficiency and Autoinflammatory Episodes. *Blood*, **2015**, 126, 206-206 | 2.2 | 1 |
| 381 | Genetic analysis of membrane cofactor protein (CD46) of the complement system in women with and without preeclamptic pregnancies. *PLoS ONE*, **2015**, 10, e0117840 | 3.7 | 10 |
| 380 | Predisposition to Childhood Otitis Media and Genetic Polymorphisms within the Toll-Like Receptor 4 (TLR4) Locus. *PLoS ONE*, **2015**, 10, e0132551 | 3.7 | 28 |
| 379 | A promoter-level mammalian expression atlas. *Nature*, **2014**, 507, 462-70 | 50.4 | 1301 |
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