Wilfred F J Van Ijcken

List of Publications by Year in Descending Order

273 papers	13,582 citations	63 h-index	108 g-index
303 ext. papers	16,804 ext. citations	8.9 avg, IF	5.95 L-index

#	Paper	IF	Citations
273	Genome-wide aberrant methylation in primary metastatic UM and their matched metastases.. *Scientific Reports*, **2022**, 12, 42	4.9	2
272	Epigenomic analysis of KLF1 haploinsufficiency in primary human erythroblasts.. *Scientific Reports*, **2022**, 12, 336	4.9	1
271	NOXA expression drives synthetic lethality to RUNX1 inhibition in pancreatic cancer.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119,	11.5	3
270	CRISPRs in the human genome are differentially expressed between malignant and normal□adjacent to tumor tissue.. *Communications Biology*, **2022**, 5, 338	6.7	1
269	Bovine Milk Fat Intervention in Early Life and Its Impact on Microbiota, Metabolites and Clinical Phenotype: A Multi-Omics Stacked Regularization Approach. *BioMedInformatics*, **2022**, 2, 281-296		0
268	Combined Analysis of Transcriptome and T-Cell Receptor Alpha and Beta (TRA/TRB) Repertoire in Paucicellular Samples at the Single-Cell Level. *Methods in Molecular Biology*, **2022**, 231-259	1.4	
267	JMJD3 intrinsically disordered region links the 3D-genome structure to TGF□dependent transcription activation. *Nature Communications*, **2022**, 13,	17.4	1
266	The tumor suppressor MIR139 is silenced by POLR2M to promote AML oncogenesis. *Leukemia*, **2021**,	10.7	3
265	The Somatic Mutation Paradigm in Congenital Malformations: Hirschsprung Disease as a Model. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
264	SPEN is required for Xist upregulation during initiation of X chromosome inactivation. *Nature Communications*, **2021**, 12, 7000	17.4	3
263	High-throughput and affordable genome-wide methylation profiling of circulating cell-free DNA by methylated DNA sequencing (MeD-seq) of LpnPI digested fragments. *Clinical Epigenetics*, **2021**, 13, 196	7.7	3
262	Interplay between FLI-1 and the LDB1 complex in murine erythroleukemia cells and during megakaryopoiesis. *IScience*, **2021**, 24, 102210	6.1	1
261	Selective cell death in HIV-1-infected cells by DDX3 inhibitors leads to depletion of the inducible reservoir. *Nature Communications*, **2021**, 12, 2475	17.4	7
260	Endothelial Zeb2 preserves the hepatic angioarchitecture and protects against liver fibrosis. *Cardiovascular Research*, **2021**,	9.9	7
259	Prognostic significance of genome-wide DNA methylation profiles within the randomized, phase 3, EORTC CATNON trial on non-1p/19q deleted anaplastic glioma. *Neuro-Oncology*, **2021**, 23, 1547-1559	1	7
258	Molecular analysis of the erythroid phenotype of a patient with BCL11A haploinsufficiency. *Blood Advances*, **2021**, 5, 2339-2349	7.8	4
257	Orphan CpG islands amplify poised enhancer regulatory activity and determine target gene responsiveness. *Nature Genetics*, **2021**, 53, 1036-1049	36.3	10

256	CTCF chromatin residence time controls three-dimensional genome organization, gene expression and DNA methylation in pluripotent cells. *Nature Cell Biology*, **2021**, 23, 881-893	23.4	5
255	Comprehensive targeted next-generation sequencing approach in the molecular diagnosis of gastrointestinal stromal tumor. *Genes Chromosomes and Cancer*, **2021**, 60, 239-249	5	13
254	Steroid-resistant human inflammatory ILC2s are marked by CD45RO and elevated in type 2 respiratory diseases. *Science Immunology*, **2021**, 6,	28	23
253	EUS-guided hepaticogastrostomy as a gateway to intermittent access for biliary leak management. *Endoscopy*, **2021**, 53, E427-E428	3.4	0
252	Genome wide DNA methylation analysis of alveolar capillary dysplasia lung tissue reveals aberrant methylation of genes involved in development including the FOXF1 locus. *Clinical Epigenetics*, **2021**, 13, 148	7.7	0
251	P04.02 Single-cell transcriptomic analysis reveals shifts in glioblastoma cell composition in different BMP4-treated primary tumor cultures. *Neuro-Oncology*, **2021**, 23, ii18-ii18	1	
250	Laparoscopic versus EUS-guided gastroenterostomy for gastric outlet obstruction: an international multicenter propensity score-matched comparison (with video). *Gastrointestinal Endoscopy*, **2021**, 94, 526-536.e2	5.2	14
249	Identification of as a Novel Candidate Susceptibility Gene for Familial Nonmedullary Thyroid Cancer. *Thyroid*, **2021**, 31, 1366-1375	6.2	1
248	Enhancer-associated H3K4 methylation safeguards in vitro germline competence. *Nature Communications*, **2021**, 12, 5771	17.4	5
247	RMplex: An efficient method for analyzing 30 Y-STRs with high mutation rates. *Forensic Science International: Genetics*, **2021**, 55, 102595	4.3	3
246	Low Input Targeted Chromatin Capture (Low-T2C). *Methods in Molecular Biology*, **2021**, 2351, 165-179	1.4	0
245	Circulating mutations are associated with early tumor progression and poor survival in pancreatic cancer patients treated with FOLFIRINOX. *Therapeutic Advances in Medical Oncology*, **2021**, 13, 17588359211033704	5.4	8
244	The Bone-Forming Properties of Periosteum-Derived Cells Differ Between Harvest Sites. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 554984	5.7	4
243	In vitro capture and characterization of embryonic rosette-stage pluripotency between naive and primed states. *Nature Cell Biology*, **2020**, 22, 534-545	23.4	47
242	Cystic renal-epithelial derived induced pluripotent stem cells from polycystic kidney disease patients. *Stem Cells Translational Medicine*, **2020**, 9, 478-490	6.9	3
241	Butyrate inhibits human mast cell activation via epigenetic regulation of FcεRI-mediated signaling. *Allergy: European Journal of Allergy and Clinical Immunology*, **2020**, 75, 1966-1978	9.3	25
240	Unraveling the transcriptional determinants of liver sinusoidal endothelial cell specialization. *American Journal of Physiology - Renal Physiology*, **2020**, 318, G803-G815	5.1	17
239	Targeted chromatin conformation analysis identifies novel distal neural enhancers of ZEB2 in pluripotent stem cell differentiation. *Human Molecular Genetics*, **2020**, 29, 2535-2550	5.6	5

238	Rapid in vitro generation of bona fide exhausted CD8+ T cells is accompanied by Tcf7 promotor methylation. *PLoS Pathogens*, **2020**, 16, e1008555	7.6	6
237	An Integrated Gene Expression Landscape Profiling Approach to Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates. *Cancer Cell*, **2020**, 37, 21-36.e13	24.3	93
236	MicroRNA expression and DNA methylation profiles do not distinguish between primary and recurrent well-differentiated liposarcoma. *PLoS ONE*, **2020**, 15, e0228014	3.7	1
235	Exome Sequencing Analysis Identifies Rare Variants in and That Are Associated With Shorter Telomere Length. *Frontiers in Genetics*, **2020**, 11, 337	4.5	1
234	Redundant and specific roles of cohesin STAG subunits in chromatin looping and transcriptional control. *Genome Research*, **2020**, 30, 515-527	9.7	27
233	Alveolar barrier disruption in varicella pneumonia is associated with neutrophil extracellular trap formation. *JCI Insight*, **2020**, 5,	9.9	3
232	Notch signaling licenses allergic airway inflammation by promoting Th2 cell lymph node egress. *Journal of Clinical Investigation*, **2020**, 130, 3576-3591	15.9	9
231	Histological, immunohistochemical and transcriptomic characterization of human tracheoesophageal fistulas. *PLoS ONE*, **2020**, 15, e0242167	3.7	1
230	Distinct IL-1 responsive enhancers promote acute and coordinated changes in chromatin topology in a hierarchical manner. *EMBO Journal*, **2020**, 39, e101533	13	13
229	Characterization of the ferret TRB locus guided by V, D, J, and C gene expression analysis. *Immunogenetics*, **2020**, 72, 101-108	3.2	4
228	Loss of UGP2 in brain leads to a severe epileptic encephalopathy, emphasizing that bi-allelic isoform-specific start-loss mutations of essential genes can cause genetic diseases. *Acta Neuropathologica*, **2020**, 139, 415-442	14.3	22
227	Validation of a Combined Transcriptome and T Cell Receptor Alpha/Beta (TRA/TRB) Repertoire Assay at the Single Cell Level for Paucicellular Samples. *Frontiers in Immunology*, **2020**, 11, 1999	8.4	2
226	MAU2 and NIPBL Variants Impair the Heterodimerization of the Cohesin Loader Subunits and Cause Cornelia de Lange Syndrome. *Cell Reports*, **2020**, 31, 107647	10.6	15
225	Differentially Methylated Regions in Desmoid-Type Fibromatosis: A Comparison Between CTNNB1 S45F and T41A Tumors. *Frontiers in Oncology*, **2020**, 10, 565031	5.3	3
224	Comparison of the PU.1 transcriptional regulome and interactome in human and mouse inflammatory dendritic cells. *Journal of Leukocyte Biology*, **2020**, 110, 735	6.5	2
223	Hemolysis in the spleen drives erythrocyte turnover. *Blood*, **2020**, 136, 1579-1589	2.2	10
222	Gliotoxin, identified from a screen of fungal metabolites, disrupts 7SK snRNP, releases P-TEFb, and reverses HIV-1 latency. *Science Advances*, **2020**, 6, eaba6617	14.3	5
221	Infantile hypertrophic pyloric stenosis in patients with esophageal atresia. *Birth Defects Research*, **2020**, 112, 670-687	2.9	

220	Multifaceted actions of Zeb2 in postnatal neurogenesis from the ventricular-subventricular zone to the olfactory bulb. *Development (Cambridge)*, **2020**, 147,	6.6	4
219	Histological, immunohistochemical and transcriptomic characterization of human tracheoesophageal fistulas **2020**, 15, e0242167		
218	Histological, immunohistochemical and transcriptomic characterization of human tracheoesophageal fistulas **2020**, 15, e0242167		
217	Histological, immunohistochemical and transcriptomic characterization of human tracheoesophageal fistulas **2020**, 15, e0242167		
216	Histological, immunohistochemical and transcriptomic characterization of human tracheoesophageal fistulas **2020**, 15, e0242167		
215	Late-onset phenotype associated with a homozygous GJC2 missense mutation in a Turkish family. *Parkinsonism and Related Disorders*, **2019**, 66, 228-231	3.6	2
214	The presence of CLL-associated stereotypic B cell receptors in the normal BCR repertoire from healthy individuals increases with age. *Immunity and Ageing*, **2019**, 16, 22	9.7	7
213	Mediator complex interaction partners organize the transcriptional network that defines neural stem cells. *Nature Communications*, **2019**, 10, 2669	17.4	27
212	Lewy pathology in Parkinson's disease consists of crowded organelles and lipid membranes. *Nature Neuroscience*, **2019**, 22, 1099-1109	25.5	323
211	Engram-specific transcriptome profiling of contextual memory consolidation. *Nature Communications*, **2019**, 10, 2232	17.4	35
210	Modeling the Pathological Long-Range Regulatory Effects of Human Structural Variation with Patient-Specific hiPSCs. *Cell Stem Cell*, **2019**, 24, 736-752.e12	18	43
209	The mouse KLF1 Nan variant impairs nuclear condensation and erythroid maturation. *PLoS ONE*, **2019**, 14, e0208659	3.7	6
208	Distinct Functions for Mammalian CLASP1 and -2 During Neurite and Axon Elongation. *Frontiers in Cellular Neuroscience*, **2019**, 13, 5	6.1	6
207	A functional variant in the miR-142 promoter modulating its expression and conferring risk of Alzheimer disease. *Human Mutation*, **2019**, 40, 2131-2145	4.7	15
206	Pathogen-induced activation of disease-suppressive functions in the endophytic root microbiome. *Science*, **2019**, 366, 606-612	33.3	263
205	Hemolysis in the Spleen Drives Erythrocyte Turnover. *Blood*, **2019**, 134, 946-946	2.2	1
204	CREPT Promotes Melanoma Progression Through Accelerated Proliferation and Enhanced Migration by RhoA-Mediated Actin Filaments and Focal Adhesion Formation. *Cancers*, **2019**, 12,	6.6	7
203	G6PD genetic variations in neonatal Hyperbilirubinemia in Indonesian Deutromalay population. *BMC Pediatrics*, **2019**, 19, 506	2.6	4

202	Progression of ductal carcinoma in situ to invasive breast cancer: comparative genomic sequencing. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2019**, 474, 247-251	5.1	6
201	Allele-specific long-distance regulation dictates IL-32 isoform switching and mediates susceptibility to HIV-1. *Science Advances*, **2018**, 4, e1701729	14.3	19
200	Epigenome analysis links gene regulatory elements in group 2 innate lymphocytes to asthma susceptibility. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 1793-1807	11.5	36
199	Sensitive detection of mitochondrial DNA variants for analysis of mitochondrial DNA-enriched extracts from frozen tumor tissue. *Scientific Reports*, **2018**, 8, 2261	4.9	9
198	Investigation of the spatial structure and interactions of the genome at sub-kilobase-pair resolution using T2C. *Nature Protocols*, **2018**, 13, 459-477	18.8	11
197	Variants in members of the cadherin-catenin complex, CDH1 and CTNND1, cause blepharocheilodontic syndrome. *European Journal of Human Genetics*, **2018**, 26, 210-219	5.3	21
196	SNPitty: An Intuitive Web Application for Interactive B-Allele Frequency and Copy Number Visualization of Next-Generation Sequencing Data. *Journal of Molecular Diagnostics*, **2018**, 20, 166-176	5.1	11
195	Identification of Variants in RET and IHH Pathway Members in a Large Family With History of Hirschsprung Disease. *Gastroenterology*, **2018**, 155, 118-129.e6	13.3	17
194	homozygous missense mutation associated with complicated hereditary spastic paraplegia. *Neurology: Genetics*, **2018**, 4, e223	3.8	18
193	Laparoscopic versus open major hepatectomy: a systematic review and meta-analysis of individual patient data. *Surgery*, **2018**, 163, 985-995	3.6	100
192	Nimbus: a design-driven analyses suite for amplicon-based NGS data. *Bioinformatics*, **2018**, 34, 2732-2739	7.2	4
191	A rare missense variant in RCL1 segregates with depression in extended families. *Molecular Psychiatry*, **2018**, 23, 1120-1126	15.1	24
190	Thyroid State Regulates Gene Expression in Human Whole Blood. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 169-178	5.6	9
189	Colony-Stimulating Factor 1 Receptor (CSF1R) Regulates Microglia Density and Distribution, but Not Microglia Differentiation In Vivo. *Cell Reports*, **2018**, 24, 1203-1217.e6	10.6	67
188	Analysis of Mouse Brain Transcriptome After Experimental Duvenhage Virus Infection Shows Activation of Innate Immune Response and Pyroptotic Cell Death Pathway. *Frontiers in Microbiology* , **2018**, 9, 397	5.7	7
187	Employed family-based genetic discovery combining linkage analysis and exome sequencing to identify RCL1 as a novel candidate gene for depression, with independent replication in a population-based cohort. *Molecular Psychiatry*, **2018**, 23, 1093-1093	15.1	
186	Large-Scale Expansion of Human iPSC-Derived Skeletal Muscle Cells for Disease Modeling and Cell-Based Therapeutic Strategies. *Stem Cell Reports*, **2018**, 10, 1975-1990	8	52
185	LRP10 genetic variants in familial Parkinson's disease and dementia with Lewy bodies: a genome-wide linkage and sequencing study. *Lancet Neurology, The*, **2018**, 17, 597-608	24.1	68

184	Mitotic progression, arrest, exit or death relies on centromere structural integrity, rather than de novo transcription. *ELife*, **2018**, 7,	8.9	12
183	Genome-wide DNA methylation profiling using the methylation-dependent restriction enzyme LpnPI. *Genome Research*, **2018**, 28, 88-99	9.7	30
182	Germline variant in MSX1 identified in a Dutch family with clustering of Barrett's esophagus and esophageal adenocarcinoma. *Familial Cancer*, **2018**, 17, 435-440	3	5
181	PTRHD1 Loss-of-function mutation in an african family with juvenile-onset Parkinsonism and intellectual disability. *Movement Disorders*, **2018**, 33, 1814-1819	7	12
180	Whole-Genome Linkage Scan Combined With Exome Sequencing Identifies Novel Candidate Genes for Carotid Intima-Media Thickness. *Frontiers in Genetics*, **2018**, 9, 420	4.5	1
179	Genetic Variations and a Haplotype Associated with Neonatal Hyperbilirubinemia in Indonesian Population. *BioMed Research International*, **2018**, 2018, 9425843	3	5
178	PRC2 Facilitates the Regulatory Topology Required for Poised Enhancer Function during Pluripotent Stem Cell Differentiation. *Cell Stem Cell*, **2017**, 20, 689-705.e9	18	122
177	Whole exome sequencing coupled with unbiased functional analysis reveals new Hirschsprung disease genes. *Genome Biology*, **2017**, 18, 48	18.3	55
176	The influence of SNP-based chromosomal microarray and NIPT on the diagnostic yield in 10,000 fetuses with and without fetal ultrasound anomalies. *Human Mutation*, **2017**, 38, 880-888	4.7	26
175	Fungal volatile compounds induce production of the secondary metabolite Sodorifen in Serratia plymuthica PRI-2C. *Scientific Reports*, **2017**, 7, 862	4.9	65
174	Loss-of-Function Variants in MYLK Cause Recessive Megacystis Microcolon Intestinal Hypoperistalsis Syndrome. *American Journal of Human Genetics*, **2017**, 101, 123-129	11	47
173	Targeted Apoptosis of Senescent Cells Restores Tissue Homeostasis in Response to Chemotoxicity and Aging. *Cell*, **2017**, 169, 132-147.e16	56.2	657
172	An interaction network of mental disorder proteins in neural stem cells. *Translational Psychiatry*, **2017**, 7, e1082	8.6	14
171	Loss of LMOD1 impairs smooth muscle cytocontractility and causes megacystis microcolon intestinal hypoperistalsis syndrome in humans and mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E2739-E2747	11.5	62
170	DOC1-Dependent Recruitment of NURD Reveals Antagonism with SWI/SNF during Epithelial-Mesenchymal Transition in Oral Cancer Cells. *Cell Reports*, **2017**, 20, 61-75	10.6	31
169	Unbiased Interrogation of 3D Genome Topology Using Chromosome Conformation Capture Coupled to High-Throughput Sequencing (4C-Seq). *Methods in Molecular Biology*, **2017**, 1507, 199-220	1.4	9
168	Nonsynonymous Variation in NKPD1 Increases Depressive Symptoms in European Populations. *Biological Psychiatry*, **2017**, 81, 702-707	7.9	19
167	Zeb2 Regulates Cell Fate at the Exit from Epiblast State in Mouse Embryonic Stem Cells. *Stem Cells*, **2017**, 35, 611-625	5.8	34

166	Exome-sequencing in a large population-based study reveals a rare Asn396Ser variant in the LIPG gene associated with depressive symptoms. *Molecular Psychiatry*, **2017**, 22, 537-543	15.1	35
165	Exome-Wide Meta-Analysis Identifies Rare 3'-UTR Variant in ERCC1/CD3EAP Associated with Symptoms of Sleep Apnea. *Frontiers in Genetics*, **2017**, 8, 151	4.5	5
164	Immune Repertoire after Immunization As Seen by Next-Generation Sequencing and Proteomics. *Frontiers in Immunology*, **2017**, 8, 1286	8.4	13
163	Group 2 Innate Lymphoid Cells Exhibit a Dynamic Phenotype in Allergic Airway Inflammation. *Frontiers in Immunology*, **2017**, 8, 1684	8.4	37
162	Transcriptomic Analyses Reveal Differential Gene Expression of Immune and Cell Death Pathways in the Brains of Mice Infected with West Nile Virus and Chikungunya Virus. *Frontiers in Microbiology*, **2017**, 8, 1556	5.7	10
161	Regulation of the cohesin-loading factor NIPBL: Role of the lncRNA NIPBL-AS1 and identification of a distal enhancer element. *PLoS Genetics*, **2017**, 13, e1007137	6	8
160	Cell lines generated from a chronic lymphocytic leukemia mouse model exhibit constitutive Btk and Akt signaling. *Oncotarget*, **2017**, 8, 71981-71995	3.3	14
159	Transcriptome assists prognosis of disease severity in respiratory syncytial virus infected infants. *Scientific Reports*, **2016**, 6, 36603	4.9	24
158	Binding of nuclear factor B to noncanonical consensus sites reveals its multimodal role during the early inflammatory response. *Genome Research*, **2016**, 26, 1478-1489	9.7	27
157	Successful application of endoscopic ultrasound-guided fine needle biopsy to establish pancreatic patient-derived tumor xenografts: a pilot study. *Endoscopy*, **2016**, 48, 1016-1022	3.4	8
156	GATA1-Deficient Dendritic Cells Display Impaired CCL21-Dependent Migration toward Lymph Nodes Due to Reduced Levels of Polysialic Acid. *Journal of Immunology*, **2016**, 197, 4312-4324	5.3	7
155	Decreased IL7R and TdT expression underlie the skewed immunoglobulin repertoire of human B-cell precursors from fetal origin. *Scientific Reports*, **2016**, 6, 33924	4.9	12
154	Overexpression of LMO2 causes aberrant human T-Cell development in vivo by three potentially distinct cellular mechanisms. *Experimental Hematology*, **2016**, 44, 838-849.e9	3.1	8
153	Human USP18 deficiency underlies type 1 interferonopathy leading to severe pseudo-TORCH syndrome. *Journal of Experimental Medicine*, **2016**, 213, 1163-74	16.6	154
152	BMP and Hedgehog Regulate Distinct AGM Hematopoietic Stem Cells Ex Vivo. *Stem Cell Reports*, **2016**, 6, 383-95	8	25
151	Paroxysmal exercise-induced dystonia within the phenotypic spectrum of ECHS1 deficiency. *Movement Disorders*, **2016**, 31, 1041-8	7	41
150	Complex MAX Rearrangement in a Family With Malignant Pheochromocytoma, Renal Oncocytoma, and Erythrocytosis. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 453-60	5.6	34
149	Yttrium-90 radioembolization for the treatment of chemorefractory colorectal liver metastases: Technical results, clinical outcome and factors potentially influencing survival. *Acta Oncologica*, **2016**, 55, 486-95	3.2	20

148	Biallelic Truncating Mutations in ALPK3 Cause Severe Pediatric Cardiomyopathy. *Journal of the American College of Cardiology*, **2016**, 67, 515-25	15.1	41
147	Effects of Freeze-Thawing and Intravenous Infusion on Mesenchymal Stromal Cell Gene Expression. *Stem Cells and Development*, **2016**, 25, 586-97	4.4	51
146	Nuclear positioning rather than contraction controls ordered rearrangements of immunoglobulin loci. *Nucleic Acids Research*, **2016**, 44, 175-86	20.1	8
145	Comparison of Genome Sequences from Strains Isolated from Symptomatic and Asymptomatic Patients. *Frontiers in Microbiology*, **2016**, 7, 1701	5.7	6
144	Exploiting native forces to capture chromosome conformation in mammalian cell nuclei. *Molecular Systems Biology*, **2016**, 12, 891	12.2	38
143	The detailed 3D multi-loop aggregate/rosette chromatin architecture and functional dynamic organization of the human and mouse genomes. *Epigenetics and Chromatin*, **2016**, 9, 58	5.8	18
142	ACTG2 variants impair actin polymerization in sporadic Megacystis Microcolon Intestinal Hypoperistalsis Syndrome. *Human Molecular Genetics*, **2016**, 25, 571-83	5.6	40
141	Human age estimation from blood using mRNA, DNA methylation, DNA rearrangement, and telomere length. *Forensic Science International: Genetics*, **2016**, 24, 33-43	4.3	65
140	Inefficient DNA Repair Is an Aging-Related Modifier of Parkinson's Disease. *Cell Reports*, **2016**, 15, 1866-75	15.6	66
139	Genetic variants in RBFOX3 are associated with sleep latency. *European Journal of Human Genetics*, **2016**, 24, 1488-95	5.3	18
138	Prognostic relevance of molecular subtypes and master regulators in pancreatic ductal adenocarcinoma. *BMC Cancer*, **2016**, 16, 632	4.8	74
137	Genomes of Ellobius species provide insight into the evolutionary dynamics of mammalian sex chromosomes. *Genome Research*, **2016**, 26, 1202-10	9.7	27
136	Meox2/Tcf15 heterodimers program the heart capillary endothelium for cardiac fatty acid uptake. *Circulation*, **2015**, 131, 815-26	16.7	64
135	The core spliceosome as target and effector of non-canonical ATM signalling. *Nature*, **2015**, 523, 53-8	50.4	156
134	Time since onset of disease and individual clinical markers associate with transcriptional changes in uncomplicated dengue. *PLoS Neglected Tropical Diseases*, **2015**, 9, e0003522	4.8	21
133	Sp1/Sp3 transcription factors regulate hallmarks of megakaryocyte maturation and platelet formation and function. *Blood*, **2015**, 125, 1957-67	2.2	45
132	Incomplete meiotic sex chromosome inactivation in the domestic dog. *BMC Genomics*, **2015**, 16, 291	4.5	7
131	Targeted Next Generation Sequencing reveals previously unidentified TSC1 and TSC2 mutations. *BMC Medical Genetics*, **2015**, 16, 10	2.1	49

130	Allogeneic Mature Human Dendritic Cells Generate Superior Alloreactive Regulatory T Cells in the Presence of IL-15. *Journal of Immunology*, **2015**, 194, 5282-93	5.3	12
129	PLD3 variants in population studies. *Nature*, **2015**, 520, E2-3	50.4	47
128	Deciphering the RNA landscape by RNAome sequencing. *RNA Biology*, **2015**, 12, 30-42	4.8	17
127	DC immunotherapy in HIV-1 infection induces a major blood transcriptome shift. *Vaccine*, **2015**, 33, 2922-9	4.1	8
126	BMP signalling differentially regulates distinct haematopoietic stem cell types. *Nature Communications*, **2015**, 6, 8040	17.4	48
125	The Isl1/Ldb1 Complex Orchestrates Genome-wide Chromatin Organization to Instruct Differentiation of Multipotent Cardiac Progenitors. *Cell Stem Cell*, **2015**, 17, 287-99	18	49
124	A new CRB1 rat mutation links Müller glial cells to retinal telangiectasia. *Journal of Neuroscience*, **2015**, 35, 6093-106	6.6	40
123	Global quantitative proteomics reveals novel factors in the ecdysone signaling pathway in Drosophila melanogaster. *Proteomics*, **2015**, 15, 725-38	4.8	6
122	miR-634 restores drug sensitivity in resistant ovarian cancer cells by targeting the Ras-MAPK pathway. *Molecular Cancer*, **2015**, 14, 196	42.1	45
121	Association of Adipose Tissue Inflammation With Histologic Severity of Nonalcoholic Fatty Liver Disease. *Gastroenterology*, **2015**, 149, 635-48.e14	13.3	179
120	Genetics of skin color variation in Europeans: genome-wide association studies with functional follow-up. *Human Genetics*, **2015**, 134, 823-35	6.3	97
119	Proteins that bind regulatory regions identified by histone modification chromatin immunoprecipitations and mass spectrometry. *Nature Communications*, **2015**, 6, 7155	17.4	58
118	Control of developmentally primed erythroid genes by combinatorial co-repressor actions. *Nature Communications*, **2015**, 6, 8893	17.4	47
117	Whole-transcriptome analysis of endothelial to hematopoietic stem cell transition reveals a requirement for Gpr56 in HSC generation. *Journal of Experimental Medicine*, **2015**, 212, 93-106	16.6	84
116	Endogenous WNT signals mediate BMP-induced and spontaneous differentiation of epiblast stem cells and human embryonic stem cells. *Stem Cell Reports*, **2015**, 4, 114-128	8	84
115	The dystrophin gene and cognitive function in the general population. *European Journal of Human Genetics*, **2015**, 23, 837-43	5.3	5
114	Next-generation sequencing-based genome diagnostics across clinical genetics centers: implementation choices and their effects. *European Journal of Human Genetics*, **2015**, 23, 1142-50	5.3	41
113	Identification of microRNAs in human plasma. *Methods in Molecular Biology*, **2015**, 1226, 71-85	1.4	1

112	Two independent transcription initiation codes overlap on vertebrate core promoters. *Nature*, **2014**, 507, 381-385	50.4	121
111	Cohesin and CTCF differentially affect chromatin architecture and gene expression in human cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 996-1001	11.5	560
110	Exome sequencing and functional analyses suggest that SIX6 is a gene involved in an altered proliferation-differentiation balance early in life and optic nerve degeneration at old age. *Human Molecular Genetics*, **2014**, 23, 1320-32	5.6	52
109	Gene expression profiling to predict and assess the consequences of therapy-induced virus eradication in chronic hepatitis C virus infection. *Journal of Virology*, **2014**, 88, 12254-64	6.6	18
108	MicroRNA response to hypoxic stress in soft tissue sarcoma cells: microRNA mediated regulation of HIF3 *BMC Cancer*, **2014**, 14, 429	4.8	18
107	Targeted Chromatin Capture (T2C): a novel high resolution high throughput method to detect genomic interactions and regulatory elements. *Epigenetics and Chromatin*, **2014**, 7, 10	5.8	66
106	DNA damage responsive microRNAs misexpressed in human cancer modulate therapy sensitivity. *Molecular Oncology*, **2014**, 8, 458-68	7.9	37
105	HBS1L-MYB intergenic variants modulate fetal hemoglobin via long-range MYB enhancers. *Journal of Clinical Investigation*, **2014**, 124, 1699-710	15.9	129
104	Ovarian cancer cell line panel (OCCP): clinical importance of in vitro morphological subtypes. *PLoS ONE*, **2014**, 9, e103988	3.7	228
103	The impact of liver transplantation after surgical treatment of hepatocellular carcinoma. *Frontiers in Surgery*, **2014**, 1, 29	2.3	
102	Gene expression analysis reveals inhibition of radiation-induced TGF signaling by hyperbaric oxygen therapy in mouse salivary glands. *Molecular Medicine*, **2014**, 20, 257-69	6.2	9
101	A cohesin-independent role for NIPBL at promoters provides insights in CdLS. *PLoS Genetics*, **2014**, 10, e1004153	6	87
100	Pre-B cell receptor signaling induces immunoglobulin locus accessibility by functional redistribution of enhancer-mediated chromatin interactions. *PLoS Biology*, **2014**, 12, e1001791	9.7	35
99	MicroRNA expression profiles distinguish liposarcoma subtypes and implicate miR-145 and miR-451 as tumor suppressors. *International Journal of Cancer*, **2014**, 135, 348-61	7.5	50
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6	Lewy pathology in Parkinson's disease consists of a crowded organellar, membranous medley		17
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