

Wilfred F J Van Ijcken

List of Publications by Citations

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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	Targeted Apoptosis of Senescent Cells Restores Tissue Homeostasis in Response to Chemotoxicity and Aging. <i>Cell</i> , 2017 , 169, 132-147.e16	56.2	657
272	Cohesin and CTCF differentially affect chromatin architecture and gene expression in human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 996-1001	11.5	560
271	Gene expression-based classification of non-small cell lung carcinomas and survival prediction. <i>PLoS ONE</i> , 2010 , 5, e10312	3.7	543
270	Lewy pathology in Parkinson's disease consists of crowded organelles and lipid membranes. <i>Nature Neuroscience</i> , 2019 , 22, 1099-1109	25.5	323
269	Haploinsufficiency for the erythroid transcription factor KLF1 causes hereditary persistence of fetal hemoglobin. <i>Nature Genetics</i> , 2010 , 42, 801-5	36.3	281
268	Pathogen-induced activation of disease-suppressive functions in the endophytic root microbiome. <i>Science</i> , 2019 , 366, 606-612	33.3	263
267	Exacerbated innate host response to SARS-CoV in aged non-human primates. <i>PLoS Pathogens</i> , 2010 , 6, e1000756	7.6	247
266	The inactive X chromosome adopts a unique three-dimensional conformation that is dependent on Xist RNA. <i>Genes and Development</i> , 2011 , 25, 1371-83	12.6	238
265	Ovarian cancer cell line panel (OCCP): clinical importance of in vitro morphological subtypes. <i>PLoS ONE</i> , 2014 , 9, e103988	3.7	228
264	MicroRNA-mediated gene silencing modulates the UV-induced DNA-damage response. <i>EMBO Journal</i> , 2009 , 28, 2090-9	13	211
263	MicroRNA-133 controls brown adipose determination in skeletal muscle satellite cells by targeting Prdm16. <i>Cell Metabolism</i> , 2013 , 17, 210-24	24.6	205
262	Sequence and organization of the <i>Spodoptera exigua</i> multicapsid nucleopolyhedrovirus genome. <i>Journal of General Virology</i> , 1999 , 80 (Pt 12), 3289-3304	4.9	205
261	Sox2 cooperates with Chd7 to regulate genes that are mutated in human syndromes. <i>Nature Genetics</i> , 2011 , 43, 607-11	36.3	187
260	The genome-wide dynamics of the binding of Ldb1 complexes during erythroid differentiation. <i>Genes and Development</i> , 2010 , 24, 277-89	12.6	184
259	The sequence of the <i>Helicoverpa armigera</i> single nucleocapsid nucleopolyhedrovirus genome. <i>Journal of General Virology</i> , 2001 , 82, 241-257	4.9	184
258	Three genome-wide association studies and a linkage analysis identify HERC2 as a human iris color gene. <i>American Journal of Human Genetics</i> , 2008 , 82, 411-23	11	183
257	Association of Adipose Tissue Inflammation With Histologic Severity of Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2015 , 149, 635-48.e14	13.3	179

256	miR-141 regulates KEAP1 and modulates cisplatin sensitivity in ovarian cancer cells. <i>Oncogene</i> , 2013 , 32, 4284-93	9.2	173
255	Short-term dietary restriction and fasting precondition against ischemia reperfusion injury in mice. <i>Aging Cell</i> , 2010 , 9, 40-53	9.9	170
254	The core spliceosome as target and effector of non-canonical ATM signalling. <i>Nature</i> , 2015 , 523, 53-8	50.4	156
253	Inflammatory conditions affect gene expression and function of human adipose tissue-derived mesenchymal stem cells. <i>Clinical and Experimental Immunology</i> , 2010 , 162, 474-86	6.2	155
252	Human USP18 deficiency underlies type 1 interferonopathy leading to severe pseudo-TORCH syndrome. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1163-74	16.6	154
251	RNF12 initiates X-chromosome inactivation by targeting REX1 for degradation. <i>Nature</i> , 2012 , 485, 386-90	50.4	150
250	Delayed and accelerated aging share common longevity assurance mechanisms. <i>PLoS Genetics</i> , 2008 , 4, e1000161	6	148
249	Clinical significance of immunohistochemistry for detection of BAP1 mutations in uveal melanoma. <i>Modern Pathology</i> , 2014 , 27, 1321-30	9.8	141
248	Stable RNA markers for identification of blood and saliva stains revealed from whole genome expression analysis of time-wise degraded samples. <i>International Journal of Legal Medicine</i> , 2008 , 122, 135-42	3.1	135
247	Snail regulates MyoD binding-site occupancy to direct enhancer switching and differentiation-specific transcription in myogenesis. <i>Molecular Cell</i> , 2012 , 47, 457-68	17.6	130
246	HBS1L-MYB intergenic variants modulate fetal hemoglobin via long-range MYB enhancers. <i>Journal of Clinical Investigation</i> , 2014 , 124, 1699-710	15.9	129
245	Chronic IFN- γ production in mice induces anemia by reducing erythrocyte life span and inhibiting erythropoiesis through an IRF-1/PU.1 axis. <i>Blood</i> , 2011 , 118, 2578-88	2.2	128
244	PRC2 Facilitates the Regulatory Topology Required for Poised Enhancer Function during Pluripotent Stem Cell Differentiation. <i>Cell Stem Cell</i> , 2017 , 20, 689-705.e9	18	122
243	Two independent transcription initiation codes overlap on vertebrate core promoters. <i>Nature</i> , 2014 , 507, 381-385	50.4	121
242	Multiplexed chromosome conformation capture sequencing for rapid genome-scale high-resolution detection of long-range chromatin interactions. <i>Nature Protocols</i> , 2013 , 8, 509-24	18.8	116
241	Persistent transcription-blocking DNA lesions trigger somatic growth attenuation associated with longevity. <i>Nature Cell Biology</i> , 2009 , 11, 604-15	23.4	113
240	Effective treatment of psoriasis with narrow-band UVB phototherapy is linked to suppression of the IFN and Th17 pathways. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 1547-58	4.3	113
239	Transcriptional dominance of Pax7 in adult myogenesis is due to high-affinity recognition of homeodomain motifs. <i>Developmental Cell</i> , 2012 , 22, 1208-20	10.2	107

238	Dynamic long-range chromatin interactions control Myb proto-oncogene transcription during erythroid development. <i>EMBO Journal</i> , 2012 , 31, 986-99	13	107
237	Functional differentiation of SWI/SNF remodelers in transcription and cell cycle control. <i>Molecular and Cellular Biology</i> , 2007 , 27, 651-61	4.8	102
236	Laparoscopic versus open major hepatectomy: a systematic review and meta-analysis of individual patient data. <i>Surgery</i> , 2018 , 163, 985-995	3.6	100
235	In vivo live imaging of RNA polymerase II transcription factories in primary cells. <i>Genes and Development</i> , 2013 , 27, 767-77	12.6	99
234	Genetics of skin color variation in Europeans: genome-wide association studies with functional follow-up. <i>Human Genetics</i> , 2015 , 134, 823-35	6.3	97
233	An Integrated Gene Expression Landscape Profiling Approach to Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates. <i>Cancer Cell</i> , 2020 , 37, 21-36.e13	24.3	93
232	Directed migration of cortical interneurons depends on the cell-autonomous action of Sip1. <i>Neuron</i> , 2013 , 77, 70-82	13.9	92
231	The DNA-binding protein CTCF limits proximal V β recombination and restricts β enhancer interactions to the immunoglobulin light chain locus. <i>Immunity</i> , 2011 , 35, 501-13	32.3	92
230	Contribution of rare and common variants determine complex diseases-Hirschsprung disease as a model. <i>Developmental Biology</i> , 2013 , 382, 320-9	3.1	90
229	A cohesin-independent role for NIPBL at promoters provides insights in CdLS. <i>PLoS Genetics</i> , 2014 , 10, e1004153	6	87
228	Unacylated ghrelin rapidly modulates lipogenic and insulin signaling pathway gene expression in metabolically active tissues of GHSR deleted mice. <i>PLoS ONE</i> , 2010 , 5, e11749	3.7	86
227	Whole-transcriptome analysis of endothelial to hematopoietic stem cell transition reveals a requirement for Gpr56 in HSC generation. <i>Journal of Experimental Medicine</i> , 2015 , 212, 93-106	16.6	84
226	Endogenous WNT signals mediate BMP-induced and spontaneous differentiation of epiblast stem cells and human embryonic stem cells. <i>Stem Cell Reports</i> , 2015 , 4, 114-128	8	84
225	Balancing of histone H3K4 methylation states by the Kdm5c/SMCX histone demethylase modulates promoter and enhancer function. <i>Cell Reports</i> , 2013 , 3, 1071-9	10.6	79
224	Dynamic regulation of the transcription initiation landscape at single nucleotide resolution during vertebrate embryogenesis. <i>Genome Research</i> , 2013 , 23, 1938-50	9.7	77
223	Prognostic relevance of molecular subtypes and master regulators in pancreatic ductal adenocarcinoma. <i>BMC Cancer</i> , 2016 , 16, 632	4.8	74
222	Discovery of new microRNAs by small RNAome deep sequencing in childhood acute lymphoblastic leukemia. <i>Leukemia</i> , 2011 , 25, 1389-99	10.7	72
221	Metabolic enzyme IMPDH is also a transcription factor regulated by cellular state. <i>Molecular Cell</i> , 2012 , 47, 133-9	17.6	70

220	LRP10 genetic variants in familial Parkinson's disease and dementia with Lewy bodies: a genome-wide linkage and sequencing study. <i>Lancet Neurology, The</i> , 2018 , 17, 597-608	24.1	68
219	Colony-Stimulating Factor 1 Receptor (CSF1R) Regulates Microglia Density and Distribution, but Not Microglia Differentiation In Vivo. <i>Cell Reports</i> , 2018 , 24, 1203-1217.e6	10.6	67
218	MiR-17-92 and miR-221/222 cluster members target KIT and ETV1 in human gastrointestinal stromal tumours. <i>British Journal of Cancer</i> , 2013 , 109, 1625-35	8.7	67
217	Targeted Chromatin Capture (T2C): a novel high resolution high throughput method to detect genomic interactions and regulatory elements. <i>Epigenetics and Chromatin</i> , 2014 , 7, 10	5.8	66
216	The male germ cell gene regulator CTCFL is functionally different from CTCF and binds CTCF-like consensus sites in a nucleosome composition-dependent manner. <i>Epigenetics and Chromatin</i> , 2012 , 5, 8	5.8	66
215	Inefficient DNA Repair Is an Aging-Related Modifier of Parkinson's Disease. <i>Cell Reports</i> , 2016 , 15, 1866-1875	15.6	66
214	Fungal volatile compounds induce production of the secondary metabolite Sodorifen in <i>Serratia plymuthica</i> PRI-2C. <i>Scientific Reports</i> , 2017 , 7, 862	4.9	65
213	Human age estimation from blood using mRNA, DNA methylation, DNA rearrangement, and telomere length. <i>Forensic Science International: Genetics</i> , 2016 , 24, 33-43	4.3	65
212	Meox2/Tcf15 heterodimers program the heart capillary endothelium for cardiac fatty acid uptake. <i>Circulation</i> , 2015 , 131, 815-26	16.7	64
211	Transcription and chromatin organization of a housekeeping gene cluster containing an integrated beta-globin locus control region. <i>PLoS Genetics</i> , 2008 , 4, e1000016	6	63
210	Loss of LMOD1 impairs smooth muscle cytocontractility and causes megacystis microcolon intestinal hypoperistalsis syndrome in humans and mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E2739-E2747	11.5	62
209	Physiological thyroid hormone levels regulate numerous skeletal muscle transcripts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 3487-96	5.6	62
208	Distinct severe acute respiratory syndrome coronavirus-induced acute lung injury pathways in two different nonhuman primate species. <i>Journal of Virology</i> , 2011 , 85, 4234-45	6.6	61
207	Remodelers organize cellular chromatin by counteracting intrinsic histone-DNA sequence preferences in a class-specific manner. <i>Molecular and Cellular Biology</i> , 2012 , 32, 675-88	4.8	61
206	Proteins that bind regulatory regions identified by histone modification chromatin immunoprecipitations and mass spectrometry. <i>Nature Communications</i> , 2015 , 6, 7155	17.4	58
205	Gene expression profiling in uveal melanoma: two regions on 3p related to prognosis 2008 , 49, 4254-62		58
204	Developmental and activity-dependent miRNA expression profiling in primary hippocampal neuron cultures. <i>PLoS ONE</i> , 2013 , 8, e74907	3.7	56
203	Whole exome sequencing coupled with unbiased functional analysis reveals new Hirschsprung disease genes. <i>Genome Biology</i> , 2017 , 18, 48	18.3	55

202	Genome instability in <i>Lactobacillus rhamnosus</i> GG. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 2233-9	4.8	55
201	Large-Scale Expansion of Human iPSC-Derived Skeletal Muscle Cells for Disease Modeling and Cell-Based Therapeutic Strategies. <i>Stem Cell Reports</i> , 2018 , 10, 1975-1990	8	52
200	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. <i>Human Molecular Genetics</i> , 2014 , 23, 1320-32	5.6	52
199	Effects of Freeze-Thawing and Intravenous Infusion on Mesenchymal Stromal Cell Gene Expression. <i>Stem Cells and Development</i> , 2016 , 25, 586-97	4.4	51
198	Progesterone inhibits epithelial-to-mesenchymal transition in endometrial cancer. <i>PLoS ONE</i> , 2012 , 7, e30840	3.7	51
197	MicroRNA expression profiles distinguish liposarcoma subtypes and implicate miR-145 and miR-451 as tumor suppressors. <i>International Journal of Cancer</i> , 2014 , 135, 348-61	7.5	50
196	Targeted Next Generation Sequencing reveals previously unidentified TSC1 and TSC2 mutations. <i>BMC Medical Genetics</i> , 2015 , 16, 10	2.1	49
195	The Isl1/Ldb1 Complex Orchestrates Genome-wide Chromatin Organization to Instruct Differentiation of Multipotent Cardiac Progenitors. <i>Cell Stem Cell</i> , 2015 , 17, 287-99	18	49
194	Genome-wide DNA methylation profiling of non-small cell lung carcinomas. <i>Epigenetics and Chromatin</i> , 2012 , 5, 9	5.8	49
193	BMP signalling differentially regulates distinct haematopoietic stem cell types. <i>Nature Communications</i> , 2015 , 6, 8040	17.4	48
192	Loss-of-Function Variants in MYLK Cause Recessive Megacystis Microcolon Intestinal Hypoperistalsis Syndrome. <i>American Journal of Human Genetics</i> , 2017 , 101, 123-129	11	47
191	PLD3 variants in population studies. <i>Nature</i> , 2015 , 520, E2-3	50.4	47
190	In vitro capture and characterization of embryonic rosette-stage pluripotency between naive and primed states. <i>Nature Cell Biology</i> , 2020 , 22, 534-545	23.4	47
189	Control of developmentally primed erythroid genes by combinatorial co-repressor actions. <i>Nature Communications</i> , 2015 , 6, 8893	17.4	47
188	Cell-specific occupancy of an extended repertoire of CREM and CREB binding loci in male germ cells. <i>BMC Genomics</i> , 2010 , 11, 530	4.5	46
187	Sp1/Sp3 transcription factors regulate hallmarks of megakaryocyte maturation and platelet formation and function. <i>Blood</i> , 2015 , 125, 1957-67	2.2	45
186	miR-634 restores drug sensitivity in resistant ovarian cancer cells by targeting the Ras-MAPK pathway. <i>Molecular Cancer</i> , 2015 , 14, 196	42.1	45
185	Modeling the Pathological Long-Range Regulatory Effects of Human Structural Variation with Patient-Specific hiPSCs. <i>Cell Stem Cell</i> , 2019 , 24, 736-752.e12	18	43

184	Genome-wide, whole mount in situ analysis of transcriptional regulators in zebrafish embryos. <i>Developmental Biology</i> , 2013 , 380, 351-62	3.1	43
183	Paroxysmal exercise-induced dystonia within the phenotypic spectrum of ECHS1 deficiency. <i>Movement Disorders</i> , 2016 , 31, 1041-8	7	41
182	Biallelic Truncating Mutations in ALPK3 Cause Severe Pediatric Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 515-25	15.1	41
181	Next-generation sequencing-based genome diagnostics across clinical genetics centers: implementation choices and their effects. <i>European Journal of Human Genetics</i> , 2015 , 23, 1142-50	5.3	41
180	Mobilization of hepatic mesenchymal stem cells from human liver grafts. <i>Liver Transplantation</i> , 2011 , 17, 596-609	4.5	41
179	Modulation of androgen receptor signaling in hormonal therapy-resistant prostate cancer cell lines. <i>PLoS ONE</i> , 2011 , 6, e23144	3.7	41
178	A new CRB1 rat mutation links Müller glial cells to retinal telangiectasia. <i>Journal of Neuroscience</i> , 2015 , 35, 6093-106	6.6	40
177	ACTG2 variants impair actin polymerization in sporadic Megacystis Microcolon Intestinal Hypoperistalsis Syndrome. <i>Human Molecular Genetics</i> , 2016 , 25, 571-83	5.6	40
176	Hydroxyurea responsiveness in β -thalassemic patients is determined by the stress response adaptation of erythroid progenitors and their differentiation propensity. <i>Haematologica</i> , 2013 , 98, 696-704	6.6	39
175	Next generation sequencing of SNPs for non-invasive prenatal diagnosis: challenges and feasibility as illustrated by an application to β -thalassaemia. <i>European Journal of Human Genetics</i> , 2013 , 21, 1403-10	5.3	39
174	Exploiting native forces to capture chromosome conformation in mammalian cell nuclei. <i>Molecular Systems Biology</i> , 2016 , 12, 891	12.2	38
173	DNA damage responsive microRNAs misexpressed in human cancer modulate therapy sensitivity. <i>Molecular Oncology</i> , 2014 , 8, 458-68	7.9	37
172	Group 2 Innate Lymphoid Cells Exhibit a Dynamic Phenotype in Allergic Airway Inflammation. <i>Frontiers in Immunology</i> , 2017 , 8, 1684	8.4	37
171	NARWHAL, a primary analysis pipeline for NGS data. <i>Bioinformatics</i> , 2012 , 28, 284-5	7.2	37
170	Epigenome analysis links gene regulatory elements in group 2 innate lymphocytes to asthma susceptibility. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1793-1807	11.5	36
169	Engram-specific transcriptome profiling of contextual memory consolidation. <i>Nature Communications</i> , 2019 , 10, 2232	17.4	35
168	Exome-sequencing in a large population-based study reveals a rare Asn396Ser variant in the LIPG gene associated with depressive symptoms. <i>Molecular Psychiatry</i> , 2017 , 22, 537-543	15.1	35
167	Pre-B cell receptor signaling induces immunoglobulin λ locus accessibility by functional redistribution of enhancer-mediated chromatin interactions. <i>PLoS Biology</i> , 2014 , 12, e1001791	9.7	35

166	Complex MAX Rearrangement in a Family With Malignant Pheochromocytoma, Renal Oncocytoma, and Erythrocytosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 453-60	5.6	34
165	Zeb2 Regulates Cell Fate at the Exit from Epiblast State in Mouse Embryonic Stem Cells. <i>Stem Cells</i> , 2017 , 35, 611-625	5.8	34
164	KLF10 gene expression is associated with high fetal hemoglobin levels and with response to hydroxyurea treatment in Hemoglobinopathy patients. <i>Pharmacogenomics</i> , 2012 , 13, 1487-500	2.6	33
163	Gene expression profiling assigns CHEK2 1100delC breast cancers to the luminal intrinsic subtypes. <i>Breast Cancer Research and Treatment</i> , 2012 , 132, 439-48	4.4	33
162	Monitoring of the immunomodulatory effect of CP-690,550 by analysis of the JAK/STAT pathway in kidney transplant patients. <i>Transplantation</i> , 2009 , 88, 1002-9	1.8	33
161	CITED2 and NCOR2 in anti-oestrogen resistance and progression of breast cancer. <i>British Journal of Cancer</i> , 2009 , 101, 1824-32	8.7	32
160	The ubiquitin-conjugating enzyme HR6B is required for maintenance of X chromosome silencing in mouse spermatocytes and spermatids. <i>BMC Genomics</i> , 2010 , 11, 367	4.5	32
159	DOC1-Dependent Recruitment of NURD Reveals Antagonism with SWI/SNF during Epithelial-Mesenchymal Transition in Oral Cancer Cells. <i>Cell Reports</i> , 2017 , 20, 61-75	10.6	31
158	Pandemic 2009 H1N1 influenza virus causes diffuse alveolar damage in cynomolgus macaques. <i>Veterinary Pathology</i> , 2010 , 47, 1040-7	2.8	31
157	HPV related VIN: highly proliferative and diminished responsiveness to extracellular signals. <i>International Journal of Cancer</i> , 2007 , 121, 759-66	7.5	31
156	Canonical Wnt signaling induces a primitive endoderm metastable state in mouse embryonic stem cells. <i>Stem Cells</i> , 2013 , 31, 752-64	5.8	30
155	Genome-wide DNA methylation profiling using the methylation-dependent restriction enzyme LpnPI. <i>Genome Research</i> , 2018 , 28, 88-99	9.7	30
154	Mediator complex interaction partners organize the transcriptional network that defines neural stem cells. <i>Nature Communications</i> , 2019 , 10, 2669	17.4	27
153	Redundant and specific roles of cohesin STAG subunits in chromatin looping and transcriptional control. <i>Genome Research</i> , 2020 , 30, 515-527	9.7	27
152	Binding of nuclear factor B to noncanonical consensus sites reveals its multimodal role during the early inflammatory response. <i>Genome Research</i> , 2016 , 26, 1478-1489	9.7	27
151	A novel complex, RUNX1-MYEF2, represses hematopoietic genes in erythroid cells. <i>Molecular and Cellular Biology</i> , 2012 , 32, 3814-22	4.8	27
150	Genomes of Ellobius species provide insight into the evolutionary dynamics of mammalian sex chromosomes. <i>Genome Research</i> , 2016 , 26, 1202-10	9.7	27
149	The influence of SNP-based chromosomal microarray and NIPT on the diagnostic yield in 10,000 fetuses with and without fetal ultrasound anomalies. <i>Human Mutation</i> , 2017 , 38, 880-888	4.7	26

148	Genome-wide analysis shows that Ldb1 controls essential hematopoietic genes/pathways in mouse early development and reveals novel players in hematopoiesis. <i>Blood</i> , 2013 , 121, 2902-13	2.2	26
147	Hypoxia-inducible factor 2 plays a critical role in the formation of alveoli and surfactant. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 46, 224-32	5.7	26
146	Butyrate inhibits human mast cell activation via epigenetic regulation of FcRI-mediated signaling. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 1966-1978	9.3	25
145	BMP and Hedgehog Regulate Distinct AGM Hematopoietic Stem Cells Ex Vivo. <i>Stem Cell Reports</i> , 2016 , 6, 383-95	8	25
144	A new function of ROD1 in nonsense-mediated mRNA decay. <i>FEBS Letters</i> , 2012 , 586, 1101-10	3.8	25
143	A rare missense variant in RCL1 segregates with depression in extended families. <i>Molecular Psychiatry</i> , 2018 , 23, 1120-1126	15.1	24
142	Transcriptome assists prognosis of disease severity in respiratory syncytial virus infected infants. <i>Scientific Reports</i> , 2016 , 6, 36603	4.9	24
141	Regulated genes in psoriatic skin during treatment with fumaric acid esters. <i>British Journal of Dermatology</i> , 2014 , 171, 732-41	4	24
140	Steroid-resistant human inflammatory ILC2s are marked by CD45RO and elevated in type 2 respiratory diseases. <i>Science Immunology</i> , 2021 , 6,	28	23
139	The FOXF2 pathway in the human prostate stroma. <i>Prostate</i> , 2009 , 69, 1538-47	4.2	22
138	MN1 affects expression of genes involved in hematopoiesis and can enhance as well as inhibit RAR/RXR-induced gene expression. <i>Carcinogenesis</i> , 2008 , 29, 2025-34	4.6	22
137	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. <i>Acta Neuropathologica</i> , 2020 , 139, 415-442	14.3	22
136	Time since onset of disease and individual clinical markers associate with transcriptional changes in uncomplicated dengue. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003522	4.8	21
135	Variants in members of the cadherin-catenin complex, CDH1 and CTNND1, cause blepharocheilodontic syndrome. <i>European Journal of Human Genetics</i> , 2018 , 26, 210-219	5.3	21
134	MicroRNA-Mediated Down-Regulation of M-CSF Receptor Contributes to Maturation of Mouse Monocyte-Derived Dendritic Cells. <i>Frontiers in Immunology</i> , 2013 , 4, 353	8.4	21
133	Yttrium-90 radioembolization for the treatment of chemorefractory colorectal liver metastases: Technical results, clinical outcome and factors potentially influencing survival. <i>Acta Oncologica</i> , 2016 , 55, 486-95	3.2	20
132	Left ventricular remodeling in swine after myocardial infarction: a transcriptional genomics approach. <i>Basic Research in Cardiology</i> , 2011 , 106, 1269-81	11.8	20
131	Allele-specific long-distance regulation dictates IL-32 isoform switching and mediates susceptibility to HIV-1. <i>Science Advances</i> , 2018 , 4, e1701729	14.3	19

130	Nonsynonymous Variation in NKPD1 Increases Depressive Symptoms in European Populations. <i>Biological Psychiatry</i> , 2017 , 81, 702-707	7.9	19
129	Hypoxia inducible factor 3 plays a critical role in alveolarization and distal epithelial cell differentiation during mouse lung development. <i>PLoS ONE</i> , 2013 , 8, e57695	3.7	19
128	A systems approach to analyze transcription factors in mammalian cells. <i>Methods</i> , 2011 , 53, 151-62	4.6	19
127	homozygous missense mutation associated with complicated hereditary spastic paraplegia. <i>Neurology: Genetics</i> , 2018 , 4, e223	3.8	18
126	Gene expression profiling to predict and assess the consequences of therapy-induced virus eradication in chronic hepatitis C virus infection. <i>Journal of Virology</i> , 2014 , 88, 12254-64	6.6	18
125	MicroRNA response to hypoxic stress in soft tissue sarcoma cells: microRNA mediated regulation of HIF3 BMC Cancer, 2014 , 14, 429	4.8	18
124	In vivo murine hepatic microRNA and mRNA expression signatures predicting the (non-)genotoxic carcinogenic potential of chemicals. <i>Archives of Toxicology</i> , 2014 , 88, 1023-34	5.8	18
123	The detailed 3D multi-loop aggregate/rosette chromatin architecture and functional dynamic organization of the human and mouse genomes. <i>Epigenetics and Chromatin</i> , 2016 , 9, 58	5.8	18
122	Genetic variants in RBFOX3 are associated with sleep latency. <i>European Journal of Human Genetics</i> , 2016 , 24, 1488-95	5.3	18
121	Deciphering the RNA landscape by RNAome sequencing. <i>RNA Biology</i> , 2015 , 12, 30-42	4.8	17
120	Unraveling the transcriptional determinants of liver sinusoidal endothelial cell specialization. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 318, G803-G815	5.1	17
119	Identification of Variants in RET and IHH Pathway Members in a Large Family With History of Hirschsprung Disease. <i>Gastroenterology</i> , 2018 , 155, 118-129.e6	13.3	17
118	Lewy pathology in Parkinson disease consists of a crowded organellar, membranous medley		17
117	BACH2: a marker of DNA damage and ageing. <i>DNA Repair</i> , 2013 , 12, 982-92	4.3	16
116	Histone chaperone NAP1 mediates sister chromatid resolution by counteracting protein phosphatase 2A. <i>PLoS Genetics</i> , 2013 , 9, e1003719	6	16
115	Transcriptional profiling of fibroblasts from patients with mutations in MCT8 and comparative analysis with the human brain transcriptome. <i>Human Molecular Genetics</i> , 2010 , 19, 4189-200	5.6	16
114	A functional variant in the miR-142 promoter modulating its expression and conferring risk of Alzheimer disease. <i>Human Mutation</i> , 2019 , 40, 2131-2145	4.7	15
113	MAU2 and NIPBL Variants Impair the Heterodimerization of the Cohesin Loader Subunits and Cause Cornelia de Lange Syndrome. <i>Cell Reports</i> , 2020 , 31, 107647	10.6	15

112	An interaction network of mental disorder proteins in neural stem cells. <i>Translational Psychiatry</i> , 2017 , 7, e1082	8.6	14
111	Small hydrophobic protein of human metapneumovirus does not affect virus replication and host gene expression in vitro. <i>PLoS ONE</i> , 2013 , 8, e58572	3.7	14
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5	Histological, immunohistochemical and transcriptomic characterization of human tracheoesophageal fistulas 2020 , 15, e0242167		

- 4 Histological, immunohistochemical and transcriptomic characterization of human tracheoesophageal fistulas **2020**, 15, e0242167
- 3 Histological, immunohistochemical and transcriptomic characterization of human tracheoesophageal fistulas **2020**, 15, e0242167
- 2 Histological, immunohistochemical and transcriptomic characterization of human tracheoesophageal fistulas **2020**, 15, e0242167
- 1 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