

# A scaling normalization method for differential express

Genome Biology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A survey of statistical software for analysing RNA-seq data. Human Genomics, 2010, 5, 56.	1.4	24
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1861	Knockdown of RAD18 inhibits glioblastoma development. <i>Journal of Cellular Physiology</i> , 2019, 234, 21100-21112.	2.0	8
1862	Banana ( <i>Musa acuminata</i> ) transcriptome profiling in response to rhizobacteria: <i>Bacillus amyloliquefaciens</i> Bs006 and <i>Pseudomonas fluorescens</i> Ps006. <i>BMC Genomics</i> , 2019, 20, 378.	1.2	31
1863	Species-specific transcriptomic responses in <i>Daphnia magna</i> exposed to a bio-plastic production intermediate. <i>Environmental Pollution</i> , 2019, 252, 399-408.	3.7	5
1864	Obesity Reduces mTORC1 Activity in Mucosal-Associated Invariant T Cells, Driving Defective Metabolic and Functional Responses. <i>Journal of Immunology</i> , 2019, 202, 3404-3411.	0.4	48

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1866	Genomic <scp>DNA</scp> methylation distinguishes subtypes of human focal cortical dysplasia. <i>Epilepsia</i> , 2019, 60, 1091-1103.	2.6	61
1867	RNA Sequencing Data: Hitchhiker's Guide to Expression Analysis. <i>Annual Review of Biomedical Data Science</i> , 2019, 2, 139-173.	2.8	101
1868	RNA sequencing of mesenchymal stem cells reveals a blocking of differentiation and immunomodulatory activities under inflammatory conditions in rheumatoid arthritis patients. <i>Arthritis Research and Therapy</i> , 2019, 21, 112.	1.6	19
1869	Mandibular dysmorphology due to abnormal embryonic osteogenesis in FGFR2-related craniosynostosis mice. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	19
1870	Cytosporone B as a Biological Preservative: Purification, Fungicidal Activity and Mechanism of Action against <i>Geotrichum citri-aurantii</i> . <i>Biomolecules</i> , 2019, 9, 125.	1.8	11
1871	Infection of <i>Aedes albopictus</i> Mosquito C6/36 Cells with the <i>w</i> Melpop Strain of <i>Wolbachia</i> Modulates Dengue Virus-Induced Host Cellular Transcripts and Induces Critical Sequence Alterations in the Dengue Viral Genome. <i>Journal of Virology</i> , 2019, 93, .	1.5	11
1872	aFold â€“ using polynomial uncertainty modelling for differential gene expression estimation from RNA sequencing data. <i>BMC Genomics</i> , 2019, 20, 364.	1.2	9
1873	Spatial control of oxygen delivery to three-dimensional cultures alters cancer cell growth and gene expression. <i>Journal of Cellular Physiology</i> , 2019, 234, 20608-20622.	2.0	17
1874	The extracellular matrix protects <i>Bacillus subtilis</i> colonies from <i>Pseudomonas</i> invasion and modulates plant co-colonization. <i>Nature Communications</i> , 2019, 10, 1919.	5.8	102
1875	Metatranscriptomic analysis of an <i>in vitro</i> biofilm model reveals strain-specific interactions among multiple bacterial species. <i>Journal of Oral Microbiology</i> , 2019, 11, 1599670.	1.2	17
1876	Cross-platform Data Analysis Reveals a Generic Gene Expression Signature for Microsatellite Instability in Colorectal Cancer. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	10
1877	Antagonizing Increased <i>miR-135a</i> Levels at the Chronic Stage of Experimental TLE Reduces Spontaneous Recurrent Seizures. <i>Journal of Neuroscience</i> , 2019, 39, 5064-5079.	1.7	28
1878	DegNorm: normalization of generalized transcript degradation improves accuracy in RNA-seq analysis. <i>Genome Biology</i> , 2019, 20, 75.	3.8	22
1879	The Stat3-Fam3a axis promotes muscle stem cell myogenic lineage progression by inducing mitochondrial respiration. <i>Nature Communications</i> , 2019, 10, 1796.	5.8	38
1880	The Selective Expansion and Targeted Accumulation of Bone Marrowâ€“Derived Macrophages Drive Cardiac Vasculitis. <i>Journal of Immunology</i> , 2019, 202, 3282-3296.	0.4	9
1881	The diurnal transcriptional landscape of the microalga <i>Tetradismus obliquus</i> . <i>Algal Research</i> , 2019, 40, 101477.	2.4	9
1882	Tissue-specific sex differences in human gene expression. <i>Human Molecular Genetics</i> , 2019, 28, 2976-2986.	1.4	41

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1884	Identification of Metabolically Distinct Adipocyte Progenitor Cells in Human Adipose Tissues. <i>Cell Reports</i> , 2019, 27, 1528-1540.e7.	2.9	108
1885	MLSeq: Machine learning interface for RNA-sequencing data. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 175, 223-231.	2.6	36
1886	An Integrated Chemical Proteomics Approach for Quantitative Profiling of Intracellular ADP-Ribosylation. <i>Scientific Reports</i> , 2019, 9, 6655.	1.6	26
1887	Interplay between small RNA pathways shapes chromatin landscapes in <i>C. elegans</i> . <i>Nucleic Acids Research</i> , 2019, 47, 5603-5616.	6.5	20
1888	Charting DENR-dependent translation reinitiation uncovers predictive uORF features and links to circadian timekeeping via Clock. <i>Nucleic Acids Research</i> , 2019, 47, 5193-5209.	6.5	30
1889	Comparative analysis of the root and leaf transcriptomes in <i>Chelidonium majus</i> L.. <i>PLoS ONE</i> , 2019, 14, e0215165.	1.1	13
1890	Highly efficient hypothesis testing methods for regression-type tests with correlated observations and heterogeneous variance structure. <i>BMC Bioinformatics</i> , 2019, 20, 185.	1.2	3
1891	Whole transcriptome analysis of an estuarine amphipod exposed to highway road dust. <i>Science of the Total Environment</i> , 2019, 675, 141-150.	3.9	4
1892	RNA sequencing and swarm intelligence-enhanced classification algorithm development for blood-based disease diagnostics using spliced blood platelet RNA. <i>Nature Protocols</i> , 2019, 14, 1206-1234.	5.5	84
1893	Differential gene expression in response to eCry3.1Ab ingestion in an unselected and eCry3.1Ab-selected western corn rootworm ( <i>Diabrotica virgifera virgifera</i> LeConte) population. <i>Scientific Reports</i> , 2019, 9, 4896.	1.6	12
1894	The origins and evolution of chromosomes, dosage compensation, and mechanisms underlying venom regulation in snakes. <i>Genome Research</i> , 2019, 29, 590-601.	2.4	114
1895	ORE identifies extreme expression effects enriched for rare variants. <i>Bioinformatics</i> , 2019, 35, 3906-3912.	1.8	8
1896	Two Chloroflexi classes independently evolved the ability to persist on atmospheric hydrogen and carbon monoxide. <i>ISME Journal</i> , 2019, 13, 1801-1813.	4.4	129
1897	Heterogeneity in the perirenal region of humans suggests presence of dormant brown adipose tissue that contains brown fat precursor cells. <i>Molecular Metabolism</i> , 2019, 24, 30-43.	3.0	85
1898	Transcriptomics of cardiac biopsies reveals differences in patients with or without diagnostic parameters for heart failure with preserved ejection fraction. <i>Scientific Reports</i> , 2019, 9, 3179.	1.6	35
1899	A Systematic Investigation of the Malignant Functions and Diagnostic Potential of the Cancer Secretome. <i>Cell Reports</i> , 2019, 26, 2622-2635.e5.	2.9	57
1900	Development of a multicellular pancreatic tumor microenvironment system using patient-derived tumor cells. <i>Lab on A Chip</i> , 2019, 19, 1193-1204.	3.1	25

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1902	Transcriptomic Analysis of the <i>Brucella melitensis</i> Rev.1 Vaccine Strain in an Acidic Environment: Insights Into Virulence Attenuation. <i>Frontiers in Microbiology</i> , 2019, 10, 250.	1.5	14
1903	Human Pluripotent Stem Cell-Derived Multipotent Vascular Progenitors of the Mesothelium Lineage Have Utility in Tissue Engineering and Repair. <i>Cell Reports</i> , 2019, 26, 2566-2579.e10.	2.9	28
1904	Engraftment and proliferation potential of embryonic lung tissue cells in irradiated mice with emphysema. <i>Scientific Reports</i> , 2019, 9, 3657.	1.6	7
1905	Atopic Dermatitis Is an IL-13–Dominant Disease with Greater Molecular Heterogeneity Compared to Psoriasis. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1480-1489.	0.3	283
1906	<i>Mycobacterium tuberculosis</i> 6C sRNA binds multiple mRNA targets via C-rich loops independent of RNA chaperones. <i>Nucleic Acids Research</i> , 2019, 47, 4292-4307.	6.5	50
1907	Lipid Uptake Is an Androgen-Enhanced Lipid Supply Pathway Associated with Prostate Cancer Disease Progression and Bone Metastasis. <i>Molecular Cancer Research</i> , 2019, 17, 1166-1179.	1.5	51
1908	Gene regulation of <i>Sclerotinia sclerotiorum</i> during infection of <i>Glycine max</i> : on the road to pathogenesis. <i>BMC Genomics</i> , 2019, 20, 157.	1.2	45
1909	Sex-specific lipid molecular signatures in obesity-associated metabolic dysfunctions revealed by lipidomic characterization in ob/ob mouse. <i>Biology of Sex Differences</i> , 2019, 10, 11.	1.8	30
1910	Metabolomic and transcriptomic changes underlying cold and anaerobic stresses after storage of table grapes. <i>Scientific Reports</i> , 2019, 9, 2917.	1.6	33
1911	Temporal dynamics of bacterial and fungal communities during the infection of <i>Brassica rapa</i> roots by the protist <i>Plasmodiophora brassicae</i> . <i>PLoS ONE</i> , 2019, 14, e0204195.	1.1	45
1912	Assessment of a Highly Multiplexed RNA Sequencing Platform and Comparison to Existing High-Throughput Gene Expression Profiling Techniques. <i>Frontiers in Genetics</i> , 2019, 10, 150.	1.1	4
1913	The effect of resistance exercise upon age-related systemic and local skeletal muscle inflammation. <i>Experimental Gerontology</i> , 2019, 121, 19-32.	1.2	16
1914	Liver macrophages regulate systemic metabolism through non-inflammatory factors. <i>Nature Metabolism</i> , 2019, 1, 445-459.	5.1	72
1915	Single-Cell RNA-Seq Technologies and Related Computational Data Analysis. <i>Frontiers in Genetics</i> , 2019, 10, 317.	1.1	611
1916	Human Tumor-Associated Macrophage and Monocyte Transcriptional Landscapes Reveal Cancer-Specific Reprogramming, Biomarkers, and Therapeutic Targets. <i>Cancer Cell</i> , 2019, 35, 588-602.e10.	7.7	636
1917	An integrated whole genome analysis of <i>Mycobacterium tuberculosis</i> reveals insights into relationship between its genome, transcriptome and methylome. <i>Scientific Reports</i> , 2019, 9, 5204.	1.6	26
1918	Genome-wide association study in frontal fibrosing alopecia identifies four susceptibility loci including HLA-B*07:02. <i>Nature Communications</i> , 2019, 10, 1150.	5.8	82

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1920	A complete statistical model for calibration of RNA-seq counts using external spike-ins and maximum likelihood theory. <i>PLoS Computational Biology</i> , 2019, 15, e1006794.	1.5	9
1921	clonealign: statistical integration of independent single-cell RNA and DNA sequencing data from human cancers. <i>Genome Biology</i> , 2019, 20, 54.	3.8	92
1922	A 5â€¢gene prognostic nomogram predicting survival probability of glioblastoma patients. <i>Brain and Behavior</i> , 2019, 9, e01258.	1.0	8
1923	Differential metabolic activity and discovery of therapeutic targets using summarized metabolic pathway models. <i>Npj Systems Biology and Applications</i> , 2019, 5, 7.	1.4	30
1924	Single-cell transcriptome analysis of <i>Physcomitrella</i> leaf cells during reprogramming using microcapillary manipulation. <i>Nucleic Acids Research</i> , 2019, 47, 4539-4553.	6.5	39
1925	Integrative genomic analysis of peritoneal malignant mesothelioma: understanding a case with extraordinary chemotherapy response. <i>Journal of Physical Education and Sports Management</i> , 2019, 5, a003566.	0.5	6
1926	Birch pollen allergen immunotherapy reprograms nasal epithelial transcriptome and recovers microbial diversity. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2293-2296.e11.	1.5	11
1927	n-3 PUFA biosynthesis by the copepod <i>Apocyclops royi</i> determined by fatty acid profile and gene expression analysis. <i>Biology Open</i> , 2019, 8, .	0.6	35
1928	Optimisation of laboratory methods for whole transcriptomic RNA analyses in human left ventricular biopsies and blood samples of clinical relevance. <i>PLoS ONE</i> , 2019, 14, e0213685.	1.1	9
1929	Persistence of <i>Candida albicans</i> in the Oral Mucosa Induces a Curbed Inflammatory Host Response That Is Independent of Immunosuppression. <i>Frontiers in Immunology</i> , 2019, 10, 330.	2.2	42
1930	Gene Expression Pattern and Regulatory Network of Î±-Toxin Treatment in <i>Bombyx mori</i> . <i>International Journal of Genomics</i> , 2019, 2019, 1-11.	0.8	1
1931	Physiological profile of undifferentiated bovine blastocyst-derived trophoblasts. <i>Biology Open</i> , 2019, 8, .	0.6	16
1932	miR-147b-mediated TCA cycle dysfunction and pseudohypoxia initiate drug tolerance to EGFR inhibitors in lung adenocarcinoma. <i>Nature Metabolism</i> , 2019, 1, 460-474.	5.1	57
1933	Differences in gene regulation in a tephritid model of prezygotic reproductive isolation. <i>Insect Molecular Biology</i> , 2019, 28, 689-702.	1.0	6
1934	Sexual conflict drives male manipulation of female postmating responses in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8437-8444.	3.3	72
1935	The NASA Twins Study: A multidimensional analysis of a year-long human spaceflight. <i>Science</i> , 2019, 364, .	6.0	576
1936	Exposure to enriched environment rescues anxiety-like behavior and miRNA deregulated expression induced by perinatal malnutrition while altering oligodendrocyte morphology. <i>Neuroscience</i> , 2019, 408, 115-134.	1.1	11

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1938	Loss of p53 Causes Stochastic Aberrant X-Chromosome Inactivation and Female-Specific Neural Tube Defects. <i>Cell Reports</i> , 2019, 27, 442-454.e5.	2.9	37
1939	Characterization of the transcriptional profiles in common buckwheat ( <i>Fagopyrum esculentum</i> ) under PEG-mediated drought stress. <i>Electronic Journal of Biotechnology</i> , 2019, 39, 42-51.	1.2	12
1940	WRN helicase is a synthetic lethal target in microsatellite unstable cancers. <i>Nature</i> , 2019, 568, 551-556.	13.7	253
1941	Prolonged Bat Call Exposure Induces a Broad Transcriptional Response in the Male Fall Armyworm ( <i>Spodoptera frugiperda</i> ; Lepidoptera: Noctuidae) Brain. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 36.	1.0	15
1942	MtGA2ox10 encoding C20-GA2-oxidase regulates rhizobial infection and nodule development in <i>Medicago truncatula</i> . <i>Scientific Reports</i> , 2019, 9, 5952.	1.6	22
1943	Metabolic comparison of aerial and submerged mycelia formed in the liquid surface culture of <i>Cordyceps militaris</i> . <i>MicrobiologyOpen</i> , 2019, 8, e00836.	1.2	16
1944	Novel Data Transformations for RNA-seq Differential Expression Analysis. <i>Scientific Reports</i> , 2019, 9, 4820.	1.6	28
1945	Intracolon Plasticity in Mammary Tumors Revealed through Large-Scale Single-Cell Resolution 3D Imaging. <i>Cancer Cell</i> , 2019, 35, 618-632.e6.	7.7	119
1946	A statistical normalization method and differential expression analysis for RNA-seq data between different species. <i>BMC Bioinformatics</i> , 2019, 20, 163.	1.2	24
1947	Topconfects: a package for confident effect sizes in differential expression analysis provides a more biologically useful ranked gene list. <i>Genome Biology</i> , 2019, 20, 67.	3.8	43
1948	Identification of special key genes for alcohol-related hepatocellular carcinoma through bioinformatic analysis. <i>PeerJ</i> , 2019, 7, e6375.	0.9	29
1949	Isolation and molecular characterization of hemocyte sub-populations in kuruma shrimp <i>Marsupenaeus japonicus</i> . <i>Fisheries Science</i> , 2019, 85, 521-532.	0.7	16
1950	Bioinformatics Databases and Tools on Dietary MicroRNA. , 2019, , 2219-2232.		0
1951	The role of the GATA transcription factor AreB in regulation of nitrogen and carbon metabolism in <i>Aspergillus nidulans</i> . <i>FEMS Microbiology Letters</i> , 2019, 366, .	0.7	16
1952	Comparative Analysis of the Liver Transcriptome among Cattle Breeds Using RNA-seq. <i>Veterinary Sciences</i> , 2019, 6, 36.	0.6	8
1953	Triggering method in assisted reproduction alters the cumulus cell transcriptome. <i>Reproductive BioMedicine Online</i> , 2019, 39, 211-224.	1.1	7
1954	A RNA sequencing-based six-gene signature for survival prediction in patients with glioblastoma. <i>Scientific Reports</i> , 2019, 9, 2615.	1.6	40



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1956	Differential expression of circulating miRNAs as a novel tool to assess BAG3-associated familial dilated cardiomyopathy. <i>Bioscience Reports</i> , 2019, 39, .	1.1	14
1957	Comparison of RNA-Seq and Microarray Gene Expression Platforms for the Toxicogenomic Evaluation of Liver From Short-Term Rat Toxicity Studies. <i>Frontiers in Genetics</i> , 2018, 9, 636.	1.1	149
1958	Proximal recolonization by self-renewing microglia re-establishes microglial homeostasis in the adult mouse brain. <i>PLoS Biology</i> , 2019, 17, e3000134.	2.6	115
1959	Identification and characterization of genes with absolute mRNA abundances changes in tumor cells with varied transcriptome sizes. <i>BMC Genomics</i> , 2019, 20, 134.	1.2	4
1960	Globular structures in roots accumulate phosphorus to extremely high concentrations following phosphorus addition. <i>Plant, Cell and Environment</i> , 2019, 42, 1987-2002.	2.8	9
1961	Genetic and transcriptomic dissection of the fiber length trait from a cotton ( <i>Gossypium hirsutum</i> L.) MAGIC population. <i>BMC Genomics</i> , 2019, 20, 112.	1.2	32
1962	Intratumoural Heterogeneity Underlies Distinct Therapy Responses and Treatment Resistance in Glioblastoma. <i>Cancers</i> , 2019, 11, 190.	1.7	39
1963	Aging-like Spontaneous Epigenetic Silencing Facilitates Wnt Activation, Stemness, and Brav600E-Induced Tumorigenesis. <i>Cancer Cell</i> , 2019, 35, 315-328.e6.	7.7	107
1964	Linking gene expression and oenological traits: Comparison between <i>Torulaspora delbrueckii</i> and <i>Saccharomyces cerevisiae</i> strains. <i>International Journal of Food Microbiology</i> , 2019, 294, 42-49.	2.1	27
1965	Transcriptomic analysis reveals adaptive strategies to chronic low nitrogen in Tibetan wild barley. <i>BMC Plant Biology</i> , 2019, 19, 68.	1.6	22
1966	CircHMGS1 Promotes Hepatoblastoma Cell Proliferation by Regulating the IGF Signaling Pathway and Glutaminolysis. <i>Theranostics</i> , 2019, 9, 900-919.	4.6	60
1967	Quiescence Modulates Stem Cell Maintenance and Regenerative Capacity in the Aging Brain. <i>Cell</i> , 2019, 176, 1407-1419.e14.	13.5	265
1968	Human macrophages survive and adopt activated genotypes in living zebrafish. <i>Scientific Reports</i> , 2019, 9, 1759.	1.6	20
1969	CD8+ T cells from patients with narcolepsy and healthy controls recognize hypocretin neuron-specific antigens. <i>Nature Communications</i> , 2019, 10, 837.	5.8	80
1970	Gene expression and metabolite profiling analyses of developing pomegranate fruit peel reveal interactions between anthocyanin and punicalagin production. <i>Tree Genetics and Genomes</i> , 2019, 15, 1.	0.6	12
1971	Machine learning analysis of gene expression data reveals novel diagnostic and prognostic biomarkers and identifies therapeutic targets for soft tissue sarcomas. <i>PLoS Computational Biology</i> , 2019, 15, e1006826.	1.5	75
1972	microRNA expression profile in porcine oocytes with different developmental competence derived from large or small follicles. <i>Molecular Reproduction and Development</i> , 2019, 86, 426-439.	1.0	17



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1974	Normalization for Single-Cell RNA-Seq Data Analysis. <i>Methods in Molecular Biology</i> , 2019, 1935, 11-23.	0.4	1
1975	The anti-cancer drug 5-fluorouracil affects cell cycle regulators and potential regulatory long non-coding RNAs in yeast. <i>RNA Biology</i> , 2019, 16, 727-741.	1.5	10
1976	The Genome Sequence of the Eastern Woodchuck ( <i>Marmota monax</i> ) – A Preclinical Animal Model for Chronic Hepatitis B. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 3943-3952.	0.8	13
1977	MCF-7 as a Model for Functional Analysis of Breast Cancer Risk Variants. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 1735-1745.	1.1	7
1978	Mip6 binds directly to the Mex67 UBA domain to maintain low levels of Msn2/4 stress-dependent mRNAs. <i>EMBO Reports</i> , 2019, 20, e47964.	2.0	6
1979	Identification of Hub Genes and Key Modules in Stomach Adenocarcinoma Using nsNMF-Based Data Integration Technique. , 2019, , .		6
1980	DOT1L complex suppresses transcription from enhancer elements and ectopic RNAi in <i>Caenorhabditis elegans</i> . <i>Rna</i> , 2019, 25, 1259-1273.	1.6	7
1981	A Targeted Gene Panel That Covers Coding, Non-coding and Short Tandem Repeat Regions Improves the Diagnosis of Patients With Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2019, 13, 1324.	1.4	4
1982	Chicken adaptive response to low energy diet: main role of the hypothalamic lipid metabolism revealed by a phenotypic and multi-tissue transcriptomic approach. <i>BMC Genomics</i> , 2019, 20, 1033.	1.2	7
1983	Molecular mechanisms underlying nuchal hump formation in dolphin cichlid, <i>Cyrtocara moorii</i> . <i>Scientific Reports</i> , 2019, 9, 20296.	1.6	18
1984	Guadecitabine Plus Ipilimumab in Unresectable Melanoma: The NIBIT-M4 Clinical Trial. <i>Clinical Cancer Research</i> , 2019, 25, 7351-7362.	3.2	61
1985	NDRindex: A method for the quality assessment of single-cell RNA-Seq preprocessing data. , 2019, , .		0
1986	Characterization of Holstein and Normande whole milk miRNomes highlights breed specificities. <i>Scientific Reports</i> , 2019, 9, 20345.	1.6	18
1987	An influential meal: host plant dependent transcriptional variation in the beet armyworm, <i>Spodoptera exigua</i> (Lepidoptera: Noctuidae). <i>BMC Genomics</i> , 2019, 20, 845.	1.2	5
1988	Two predictive precision medicine tools for hepatocellular carcinoma. <i>Cancer Cell International</i> , 2019, 19, 290.	1.8	13
1989	Identifying candidate diagnostic markers for early stage of non-small cell lung cancer. <i>PLoS ONE</i> , 2019, 14, e0225080.	1.1	1
1990	Missiles of Mass Disruption: Composition and Glandular Origin of Venom Used as a Projectile Defensive Weapon by the Assassin Bug <i>Platymeris rhadamanthus</i> . <i>Toxins</i> , 2019, 11, 673.	1.5	16

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1992	Multi-species annotation of transcriptome and chromatin structure in domesticated animals. BMC Biology, 2019, 17, 108.	1.7	109
1993	Dichotomy of Dosage Compensation along the Neo Z Chromosome of the Monarch Butterfly. Current Biology, 2019, 29, 4071-4077.e3.	1.8	66
1994	Selection signatures in goats reveal copy number variants underlying breed-defining coat color phenotypes. PLoS Genetics, 2019, 15, e1008536.	1.5	50
1995	A genome-wide transcriptomic analysis of protein-coding genes in human blood cells. Science, 2019, 366, .	6.0	329
1996	Differentiation into an Effector Memory Phenotype Potentiates HIV-1 Latency Reversal in CD4 <sup>+</sup> T Cells. Journal of Virology, 2019, 93, .	1.5	72
1997	Suppression of FOXM1 activities and breast cancer growth in vitro and in vivo by a new class of compounds. Npj Breast Cancer, 2019, 5, 45.	2.3	54
1998	The dynamics of the inflammatory response during BBN-induced bladder carcinogenesis in mice. Journal of Translational Medicine, 2019, 17, 394.	1.8	21
1999	MS CD49d+CD154+ Lymphocytes Reprogram Oligodendrocytes into Immune Reactive Cells Affecting CNS Regeneration. Cells, 2019, 8, 1508.	1.8	7
2000	A Complete Genome Screening Program of Clinical Methicillin-Resistant Staphylococcus aureus Isolates Identifies the Origin and Progression of a Neonatal Intensive Care Unit Outbreak. Journal of Clinical Microbiology, 2019, 57, .	1.8	16
2001	Multiplatform biomarker identification using a data-driven approach enables single-sample classification. BMC Bioinformatics, 2019, 20, 601.	1.2	4
2002	A multi-omics digital research object for the genetics of sleep regulation. Scientific Data, 2019, 6, 258.	2.4	8
2003	Transcriptomics of Tasmanian Devil (Sarcophilus Harrisii) Ear Tissue Reveals Homogeneous Gene Expression Patterns across a Heterogeneous Landscape. Genes, 2019, 10, 801.	1.0	6
2004	Transcription Factor Networks in Leaves of Cichorium endivia: New Insights into the Relationship between Photosynthesis and Leaf Development. Plants, 2019, 8, 531.	1.6	9
2005	Small RNA-sequence analysis of plasma-derived extracellular vesicle miRNAs in smokers and patients with chronic obstructive pulmonary disease as circulating biomarkers. Journal of Extracellular Vesicles, 2019, 8, 1684816.	5.5	96
2006	Excessive ER-phagy mediated by the autophagy receptor FAM134B results in ER stress, the unfolded protein response, and cell death in HeLa cells. Journal of Biological Chemistry, 2019, 294, 20009-20023.	1.6	46
2007	Coding and Non-Coding RNA Abnormalities in Bipolar Disorder. Genes, 2019, 10, 946.	1.0	23
2008	The human tissue-resident CCR5 <sup>+</sup> T cell compartment maintains protective and functional properties during inflammation. Science Translational Medicine, 2019, 11, .	5.8	41

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2087	Clustering transformed compositional data using <i>K</i> -means, with applications in gene expression and bicycle sharing system data. <i>Journal of Applied Statistics</i> , 2019, 46, 47-65.	0.6	34
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4301	A microRNA Transcriptome-wide Association Study of Prostate Cancer Risk. <i>Frontiers in Genetics</i> , 2022, 13, 836841.	1.1	3
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4305	A text-based computational framework for patient -specific modeling for classification of cancers. <i>IScience</i> , 2022, 25, 103944.	1.9	7
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4307	A High-Quality Reference Genome Sequence and Genetic Transformation System of <i>Aralia elata</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 822942.	1.7	4
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4318	Genomics-Based Reconstruction and Predictive Profiling of Amino Acid Biosynthesis in the Human Gut Microbiome. <i>Microorganisms</i> , 2022, 10, 740.	1.6	15
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