

Salmon provides fast and bias-aware quantification of t

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Citation Report

#	ARTICLE	IF	CITATIONS
2	The reactivity of hydrazine with photosystem II strongly depends on the redox state of the water oxidizing system. <i>FEBS Letters</i> , 1990, 277, 141-146.	1.3	43
3	Chromosomal dynamics predicted by an elastic network model explains genome-wide accessibility and long-range couplings. <i>Nucleic Acids Research</i> , 2017, 45, 3663-3673.	6.5	24
4	Severe acute dehydration in a desert rodent elicits a transcriptional response that effectively prevents kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F262-F272.	1.3	37
5	A high quality Arabidopsis transcriptome for accurate transcript-level analysis of alternative splicing. <i>Nucleic Acids Research</i> , 2017, 45, 5061-5073.	6.5	262
6	Benchmarking of RNA-sequencing analysis workflows using whole-transcriptome RT-qPCR expression data. <i>Scientific Reports</i> , 2017, 7, 1559.	1.6	247
7	Assessment of engineered cells using CellNet and RNA-seq. <i>Nature Protocols</i> , 2017, 12, 1089-1102.	5.5	41
8	Reference standards for next-generation sequencing. <i>Nature Reviews Genetics</i> , 2017, 18, 473-484.	7.7	194
9	Bioinformatic analysis of bacteria and host cell dual RNA-sequencing experiments. <i>Briefings in Bioinformatics</i> , 2018, 19, 1115-1129.	3.2	16
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15	Extensive gene tree discordance and hemiplasy shaped the genomes of North American columnar cacti. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12003-12008.	3.3	90
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18	De novo transcriptome assembly for the spiny mouse ( <i>Acomys cahirinus</i> ). <i>Scientific Reports</i> , 2017, 7, 8996.	1.6	37
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1386	Exploring Translational Control of Maternal in Zebrafish. <i>Methods in Molecular Biology</i> , 2021, 2218, 367-380.	0.4	2
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1814	Transcriptomic Signature Differences Between SARS-CoV-2 and Influenza Virus Infected Patients. <i>Frontiers in Immunology</i> , 2021, 12, 666163.	2.2	27
1817	The reference genome of <i>Miscanthus floridulus</i> illuminates the evolution of Saccharinae. <i>Nature Plants</i> , 2021, 7, 608-618.	4.7	23
1818	Changes in Cell Wall Structure During Rhizoid Formation of <i>Silvetia babingtonii</i> (Fucales). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102 Td</i>	1.0	3
1819	High-throughput full-length single-cell RNA-seq automation. <i>Nature Protocols</i> , 2021, 16, 2886-2915.	5.5	13

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1820	Mapping Rora expression in resting and activated CD4+ T cells. PLoS ONE, 2021, 16, e0251233.	1.1	29
1825	PP1 regulatory subunit NIPP1 regulates transcription of E2F1 target genes following DNA damage. Cancer Science, 2021, 112, 2739-2752.	1.7	3
1826	Machine Intelligence in Single-Cell Data Analysis: Advances and New Challenges. Frontiers in Genetics, 2021, 12, 655536.	1.1	33
1827	Gene Expression Correlation Analysis Reveals MYC-NAC Regulatory Network in Cotton Pigment Gland Development. International Journal of Molecular Sciences, 2021, 22, 5007.	1.8	3
1828	Selective Requirement of MYB for Oncogenic Hyperactivation of a Translocated Enhancer in Leukemia. Cancer Discovery, 2021, 11, 2868-2883.	7.7	25
1829	Functionally distinct POMC-expressing neuron subpopulations in hypothalamus revealed by intersectional targeting. Nature Neuroscience, 2021, 24, 913-929.	7.1	64
1830	Genomic Imprinting at the Porcine DIRAS3 Locus. Animals, 2021, 11, 1315.	1.0	4
1832	Comparative transcriptome analysis reveals key epigenetic targets in SARS-CoV-2 infection. Npj Systems Biology and Applications, 2021, 7, 21.	1.4	32
1833	ACTOR: a latent Dirichlet model to compare expressed isoform proportions to a reference panel. Biostatistics, 2023, 24, 388-405.	0.9	0
1834	Comparative evaluation of full-length isoform quantification from RNA-Seq. BMC Bioinformatics, 2021, 22, 266.	1.2	15
1835	Transcriptional and epi-transcriptional dynamics of SARS-CoV-2 during cellular infection. Cell Reports, 2021, 35, 109108.	2.9	25
1836	Altered lipid metabolism marks glioblastoma stem and non-stem cells in separate tumor niches. Acta Neuropathologica Communications, 2021, 9, 101.	2.4	60
1837	Combining QTL Mapping and Transcriptomics to Decipher the Genetic Architecture of Phenolic Compounds Metabolism in the Conifer White Spruce. Frontiers in Plant Science, 2021, 12, 675108.	1.7	7
1840	Inflammasome Activation in Ankylosing Spondylitis Is Associated With Gut Dysbiosis. Arthritis and Rheumatology, 2021, 73, 1189-1199.	2.9	32
1843	Metagenome and analysis of metabolic potential of the microbial community in pit mud used for Chinese strong-flavor liquor production. Food Research International, 2021, 143, 110294.	2.9	33
1844	Patient Derived Colonoids as Drug Testing Platforms—Critical Importance of Oxygen Concentration. Frontiers in Pharmacology, 2021, 12, 679741.	1.6	8
1848	Dysregulation of COVID-19 related gene expression in the COPD lung. Respiratory Research, 2021, 22, 164.	1.4	22
1850	Natural CO <sub>2</sub> seeps reveal adaptive potential to ocean acidification in fish. Evolutionary Applications, 2021, 14, 1794-1806.	1.5	9

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1852	Bacterial Quorum-Sensing Signal Arrests Phytoplankton Cell Division and Impacts Virus-Induced Mortality. <i>MSphere</i> , 2021, 6, .	1.3	16
1853	Synaptic FUS accumulation triggers early misregulation of synaptic RNAs in a mouse model of ALS. <i>Nature Communications</i> , 2021, 12, 3027.	5.8	39
1854	Mitofusin-2 boosts innate immunity through the maintenance of aerobic glycolysis and activation of xenophagy in mice. <i>Communications Biology</i> , 2021, 4, 548.	2.0	16
1855	FOXA1 and adaptive response determinants to HER2 targeted therapy in TBCRC 036. <i>Npj Breast Cancer</i> , 2021, 7, 51.	2.3	11
1857	Increased whiB7 expression and antibiotic resistance in <i>Mycobacterium chelonae</i> carrying two prophages. <i>BMC Microbiology</i> , 2021, 21, 176.	1.3	7
1858	High-fat diet-activated fatty acid oxidation mediates intestinal stemness and tumorigenicity. <i>Cell Reports</i> , 2021, 35, 109212.	2.9	85
1859	Computational comparison of common event-based differential splicing tools: practical considerations for laboratory researchers. <i>BMC Bioinformatics</i> , 2021, 22, 347.	1.2	12
1862	Adherent and suspension baby hamster kidney cells have a different cytoskeleton and surface receptor repertoire. <i>PLoS ONE</i> , 2021, 16, e0246610.	1.1	2
1863	Alternative migratory tactics in brown trout ( <i>Salmo trutta</i> ) are underpinned by divergent regulation of metabolic but not neurological genes. <i>Ecology and Evolution</i> , 2021, 11, 8347-8362.	0.8	3
1864	Endothelial SOCS3 maintains homeostasis and promotes survival in endotoxemic mice. <i>JCI Insight</i> , 2021, 6, .	2.3	20
1866	Successful ATAC-Seq From Snap-Frozen Equine Tissues. <i>Frontiers in Genetics</i> , 2021, 12, 641788.	1.1	8
1868	Deletion of Lats1/2 in adult kidney epithelia leads to renal cell carcinoma. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	12
1869	De novo Transcriptome Sequencing Coupled With Co-expression Analysis Reveal the Transcriptional Regulation of Key Genes Involved in the Formation of Active Ingredients in <i>Peucedanum praeruptorum</i> Dunn Under Bolting Period. <i>Frontiers in Genetics</i> , 2021, 12, 683037.	1.1	10
1870	Analysis of the transcriptome of bovine endometrial cells isolated by laser micro-dissection (2): impacts of post-partum negative energy balance on stromal, glandular and luminal epithelial cells. <i>BMC Genomics</i> , 2021, 22, 450.	1.2	7
1871	Analysis workflow of publicly available RNA-sequencing datasets. <i>STAR Protocols</i> , 2021, 2, 100478.	0.5	9
1873	Increased colonic expression of ACE2 associates with poor prognosis in Crohn's disease. <i>Scientific Reports</i> , 2021, 11, 13533.	1.6	14
1874	Reconstruction of the full-length transcriptome of cigar tobacco without a reference genome and characterization of anion channel/transporter transcripts. <i>BMC Plant Biology</i> , 2021, 21, 299.	1.6	3



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1876	Rootstock effects on scion gene expression in maritime pine. <i>Scientific Reports</i> , 2021, 11, 11582.	1.6	12
1877	Transcriptomic analyses of gastrulation-stage mouse embryos with differential susceptibility to alcohol. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	19
1878	Degradation of biological macromolecules supports uncultured microbial populations in Guaymas Basin hydrothermal sediments. <i>ISME Journal</i> , 2021, 15, 3480-3497.	4.4	22
1880	PuffAligner: a fast, efficient and accurate aligner based on the Pufferfish index. <i>Bioinformatics</i> , 2021, 37, 4048-4055.	1.8	19
1881	A Case Series of Metastatic Metaplastic Breast Carcinoma Treated With Anti-PD-1 Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 635237.	1.3	17
1882	Invasion of the body snatchers: the role of parasite introduction in host distribution and response to salinity in invaded estuaries. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210703.	1.2	9
1883	Proteogenomics Reveals Orthologous Alternatively Spliced Proteoforms in the Same Human and Mouse Brain Regions with Differential Abundance in an Alzheimer's Disease Mouse Model. <i>Cells</i> , 2021, 10, 1583.	1.8	4
1884	Photosynthesis-independent production of reactive oxygen species in the rice bundle sheath during high light is mediated by NADPH oxidase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	32
1885	Transcriptional Profiles Reveal Deregulation of Lipid Metabolism and Inflammatory Pathways in Neurons Exposed to Palmitic Acid. <i>Molecular Neurobiology</i> , 2021, 58, 4639-4651.	1.9	3
1888	Balancing precision versus cohort transcriptomic analysis of acute and recovery phase of viral bronchiolitis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L1147-L1157.	1.3	9
1892	Replicate sequencing libraries are important for quantification of allelic imbalance. <i>Nature Communications</i> , 2021, 12, 3370.	5.8	13
1894	Computational search of hybrid human/SARS-CoV-2 dsRNA reveals unique viral sequences that diverge from those of other coronavirus strains. <i>Heliyon</i> , 2021, 7, e07284.	1.4	10
1895	Pathomechanisms and biomarkers in facioscapulohumeral muscular dystrophy: roles of DUX4 and PAX7. <i>EMBO Molecular Medicine</i> , 2021, 13, e13695.	3.3	39
1900	Analysis of the transcriptome of bovine endometrial cells isolated by laser micro-dissection (1): specific signatures of stromal, glandular and luminal epithelial cells. <i>BMC Genomics</i> , 2021, 22, 451.	1.2	10
1901	Isolating the Role of Corticosterone in the Hypothalamic-Pituitary-Gonadal Transcriptomic Stress Response. <i>Frontiers in Endocrinology</i> , 2021, 12, 632060.	1.5	11
1902	Transcriptional Profiling Identifies Upregulation of Neuroprotective Pathways in Retinitis Pigmentosa. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6307.	1.8	4
1903	Splice site m6A methylation prevents binding of U2AF35 to inhibit RNA splicing. <i>Cell</i> , 2021, 184, 3125-3142.e25.	13.5	103

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1906	Dynamics of alternative splicing during somatic cell reprogramming reveals functions for RNA-binding proteins CPSF3, hnRNP UL1, and TIA1. <i>Genome Biology</i> , 2021, 22, 171.	3.8	12
1907	The transcriptome of anal papillae of <i>Aedes aegypti</i> reveals their importance in xenobiotic detoxification and adds significant knowledge on ion, water and ammonia transport mechanisms. <i>Journal of Insect Physiology</i> , 2021, 132, 104269.	0.9	14
1908	MOCCASIN: a method for correcting for known and unknown confounders in RNA splicing analysis. <i>Nature Communications</i> , 2021, 12, 3353.	5.8	12
1909	Type II alveolar cell MHCII improves respiratory viral disease outcomes while exhibiting limited antigen presentation. <i>Nature Communications</i> , 2021, 12, 3993.	5.8	25
1910	Sickle-trait hemoglobin reduces adhesion to both CD36 and EPCR by <i>Plasmodium falciparum</i> -infected erythrocytes. <i>PLoS Pathogens</i> , 2021, 17, e1009659.	2.1	8
1912	Widespread formation of double-stranded RNAs in testis. <i>Genome Research</i> , 2021, 31, 1174-1186.	2.4	6
1915	PGE2 Supplementation of Oocyte Culture Media Improves the Developmental and Cryotolerance Performance of Bovine Blastocysts Derived From a Serum-Free in vitro Production System, Mirroring the Inner Cell Mass Transcriptome. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 672948.	1.8	3
1917	Flower induction and development in saffron: Timing and hormone signalling pathways. <i>Industrial Crops and Products</i> , 2021, 164, 113370.	2.5	18
1918	Granzyme B prevents aberrant IL-17 production and intestinal pathogenicity in CD4+ T cells. <i>Mucosal Immunology</i> , 2021, 14, 1088-1099.	2.7	13
1919	Genomic insights into the sessile life and biofouling of barnacles (Crustacea: Cirripedia). <i>Heliyon</i> , 2021, 7, e07291.	1.4	7
1920	Virus-Host Interaction Gets Curiouser and Curiouser. PART II: Functional Transcriptomics of the <i>E. coli</i> DksA-Deficient Cell upon Phage P1vir Infection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6159.	1.8	4
1921	PRL $\beta$ induces a positive signaling circuit between glycolysis and activation of STAT1/2. <i>FEBS Journal</i> , 2021, 288, 6700-6715.	2.2	9
1924	Frataxin deficiency promotes endothelial senescence in pulmonary hypertension. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	38
1925	RNAdetector: a free user-friendly stand-alone and cloud-based system for RNA-Seq data analysis. <i>BMC Bioinformatics</i> , 2021, 22, 298.	1.2	7
1928	HCV poly U/UC sequence-induced inflammation leads to metabolic disorders in vulvar lichen sclerosis. <i>Life Science Alliance</i> , 2021, 4, e202000906.	1.3	4
1929	NANOS2 is a sequence-specific mRNA-binding protein that promotes transcript degradation in spermatogonial stem cells. <i>iScience</i> , 2021, 24, 102762.	1.9	11
1931	First de novo transcriptome analysis of the Antarctic springtail <i>Cryptopygus terranovus</i> (Collembola: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	2
1932	Gene expression analysis in EBV-infected ataxia-telangiectasia cell lines by RNA-sequencing reveals protein synthesis defect and immune abnormalities. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 288.	1.2	1

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1933	Human Chr18 transcriptome dataset combined from the Illumina HiSeq, ONT MinION, and qPCR data. <i>Data in Brief</i> , 2021, 36, 107130.	0.5	3
1935	Serine residues 726 and 780 have nonredundant roles regulating STAT5a activity in luminal breast cancer. <i>Scientific Reports</i> , 2021, 11, 13506.	1.6	6
1936	Co-expression analysis identifies neuro-inflammation as a driver of sensory neuron aging in <i>Aplysia californica</i> . <i>PLoS ONE</i> , 2021, 16, e0252647.	1.1	4
1937	Homeotic transformation from stamen to petal in <i>Lilium</i> is associated with MADS-box genes and hormone signal transduction. <i>Plant Growth Regulation</i> , 2021, 95, 49-64.	1.8	8
1938	LIQA: long-read isoform quantification and analysis. <i>Genome Biology</i> , 2021, 22, 182.	3.8	49
1940	Kmerator Suite: design of specific <i>k</i> -mer signatures and automatic metadata discovery in large RNA-seq datasets. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab058.	1.5	2
1943	Gene Dosage- and Age-Dependent Differential Transcriptomic Changes in the Prefrontal Cortex of Shank2-Mutant Mice. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 683196.	1.4	5
1946	LABRAT reveals association of alternative polyadenylation with transcript localization, RNA binding protein expression, transcription speed, and cancer survival. <i>BMC Genomics</i> , 2021, 22, 476.	1.2	29
1947	Gene expression changes and DNA damage after ex vivo exposure of peripheral blood cells to various CT photon spectra. <i>Scientific Reports</i> , 2021, 11, 12060.	1.6	7
1948	miR-24 controls the regenerative competence of hair follicle progenitors by targeting Plk3. <i>Cell Reports</i> , 2021, 35, 109225.	2.9	7
1949	Comparative transcriptome analysis reveals genes and pathways associated with anthocyanins in strawberry. <i>Journal of Berry Research</i> , 2021, 11, 317-332.	0.7	7
1950	Unique integrated stress response sensors regulate cancer cell susceptibility when Hsp70 activity is compromised. <i>ELife</i> , 2021, 10, .	2.8	12
1951	AQUARIUM: accurate quantification of circular isoforms using model-based strategy. <i>Bioinformatics</i> , 2021, 37, 4879-4881.	1.8	2
1952	T cells, particularly activated CD4+ cells, maintain anti-CD20-mediated NK cell viability and antibody dependent cellular cytotoxicity. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 237-249.	2.0	7
1954	Modeling transcriptomic age using knowledge-primed artificial neural networks. <i>Npj Aging and Mechanisms of Disease</i> , 2021, 7, 15.	4.5	27
1955	Mobile element insertions and associated structural variants in longitudinal breast cancer samples. <i>Scientific Reports</i> , 2021, 11, 13020.	1.6	3
1956	Gene set enrichment analysis for genome-wide DNA methylation data. <i>Genome Biology</i> , 2021, 22, 173.	3.8	68
1957	Immune checkpoint blockade reprograms systemic immune landscape and tumor microenvironment in obesity-associated breast cancer. <i>Cell Reports</i> , 2021, 35, 109285.	2.9	38

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1958	SMG5-SMG7 authorize nonsense-mediated mRNA decay by enabling SMG6 endonucleolytic activity. <i>Nature Communications</i> , 2021, 12, 3965.	5.8	54
1960	DNA-RNA Hybrid (R-Loop): From a Unified Picture of the Mammalian Telomere to the Genome-Wide Profile. <i>Cells</i> , 2021, 10, 1556.	1.8	6
1962	Differences in the genome, methylome, and transcriptome do not differentiate isolates of <i>Streptococcus equi</i> subsp. <i>equi</i> from horses with acute clinical signs from isolates of inapparent carriers. <i>PLoS ONE</i> , 2021, 16, e0252804.	1.1	4
1963	Integrating longitudinal clinical laboratory tests with targeted proteomic and transcriptomic analyses reveal the landscape of host responses in COVID-19. <i>Cell Discovery</i> , 2021, 7, 42.	3.1	23
1964	Vocal Fold Fibroblasts in Reinke's Edema Show Alterations Involved in Extracellular Matrix Production, Cytokine Response and Cell Cycle Control. <i>Biomedicines</i> , 2021, 9, 735.	1.4	5
1965	Metabolome subtyping of severe bronchiolitis in infancy and risk of childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 102-112.	1.5	25
1966	Lactate dehydrogenase A-dependent aerobic glycolysis promotes natural killer cell anti-viral and anti-tumor function. <i>Cell Reports</i> , 2021, 35, 109210.	2.9	50
1967	A Chinese hamster transcription start site atlas that enables targeted editing of CHO cells. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab061.	1.5	7
1968	Genetic and gene expression analysis of flowering time regulation by light quality in lentil. <i>Annals of Botany</i> , 2021, 128, 481-496.	1.4	12
1969	TPM, FPKM, or Normalized Counts? A Comparative Study of Quantification Measures for the Analysis of RNA-seq Data from the NCI Patient-Derived Models Repository. <i>Journal of Translational Medicine</i> , 2021, 19, 269.	1.8	151
1970	Lung Epithelial Cell Transcriptional Regulation as a Factor in COVID-19-associated Coagulopathies. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 687-697.	1.4	26
1971	The Evolutionary History of Wild, Domesticated, and Feral <i>Brassica oleracea</i> (Brassicaceae). <i>Molecular Biology and Evolution</i> , 2021, 38, 4419-4434.	3.5	49
1972	Integrated omics endotyping of infants with respiratory syncytial virus bronchiolitis and risk of childhood asthma. <i>Nature Communications</i> , 2021, 12, 3601.	5.8	65
1973	Transcriptomics differentiate two novel bioactive strains of <i>Paenibacillus</i> sp. isolated from the perennial ryegrass seed microbiome. <i>Scientific Reports</i> , 2021, 11, 15545.	1.6	6
1974	Accurate transcriptome assembly by Nanopore RNA sequencing reveals novel functional transcripts in hepatocellular carcinoma. <i>Cancer Science</i> , 2021, 112, 3555-3568.	1.7	6
1977	A defect in the NOG gene increases susceptibility to spontaneous superficial chronic corneal epithelial defects (SCCED) in boxer dogs. <i>BMC Veterinary Research</i> , 2021, 17, 254.	0.7	5
1979	Towards omics-based predictions of planktonic functional composition from environmental data. <i>Nature Communications</i> , 2021, 12, 4361.	5.8	16
1981	Traumatic brain injury results in unique microglial and astrocyte transcriptomes enriched for type I interferon response. <i>Journal of Neuroinflammation</i> , 2021, 18, 151.	3.1	40

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1982	In silico-driven analysis of the <i>Glossina morsitans morsitans</i> antennae transcriptome in response to repellent or attractant compounds. <i>PeerJ</i> , 2021, 9, e11691.	0.9	2
1983	Development of an Androgen Receptor Inhibitor Targeting the N-Terminal Domain of Androgen Receptor for Treatment of Castration Resistant Prostate Cancer. <i>Cancers</i> , 2021, 13, 3488.	1.7	16
1984	The small Cajal body-specific RNA 15 (SCARNA15) directs p53 and redox homeostasis via selective splicing in cancer cells. <i>NAR Cancer</i> , 2021, 3, zcab026.	1.6	17
1988	The Diversity, Composition, and Metabolic Pathways of Archaea in Pigs. <i>Animals</i> , 2021, 11, 2139.	1.0	8
1989	CD8+ tissue-resident memory T cells promote liver fibrosis resolution by inducing apoptosis of hepatic stellate cells. <i>Nature Communications</i> , 2021, 12, 4474.	5.8	86
1990	Single-molecule, full-length transcript isoform sequencing reveals disease-associated RNA isoforms in cardiomyocytes. <i>Nature Communications</i> , 2021, 12, 4203.	5.8	24
1991	Genome-wide identification of miRNAs and target regulatory network in the invasive ectoparasitic mite <i>Varroa destructor</i> . <i>Genomics</i> , 2021, 113, 2290-2303.	1.3	2
1992	Cell competition acts as a purifying selection to eliminate cells with mitochondrial defects during early mouse development. <i>Nature Metabolism</i> , 2021, 3, 1091-1108.	5.1	33
1993	Comparative Analysis of Host-Associated Variation in <i>Phytophthora cactorum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 679936.	1.5	10
1995	Transcriptome and metabolome analysis of crGART, a novel cell model of de novo purine synthesis deficiency: Alterations in CD36 expression and activity. <i>PLoS ONE</i> , 2021, 16, e0247227.	1.1	2
1996	Rapid Genomic Evolution Drives the Diversification of Male Reproductive Genes in Dung Beetles. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	1
1998	Targeted Lipidomic Analysis of Aqueous Humor Reveals Signaling Lipid-Mediated Pathways in Primary Open-Angle Glaucoma. <i>Biology</i> , 2021, 10, 658.	1.3	11
1999	Polysulfide inhibits hypoxia-elicited hypoxia-inducible factor activation in a mitochondria-dependent manner. <i>Mitochondrion</i> , 2021, 59, 255-266.	1.6	8
2000	A conserved role for arrow in posterior axis patterning across Arthropoda. <i>Developmental Biology</i> , 2021, 475, 91-105.	0.9	14
2001	ANANSE: an enhancer network-based computational approach for predicting key transcription factors in cell fate determination. <i>Nucleic Acids Research</i> , 2021, 49, 7966-7985.	6.5	39
2002	Assessing the effect of treated erythromycin fermentation residue on antibiotic resistome in soybean planting soil: In situ field study. <i>Science of the Total Environment</i> , 2021, 779, 146329.	3.9	10
2006	Direct Molecular Evidence for an Ancient, Conserved Developmental Toolkit Controlling Posttranscriptional Gene Regulation in Land Plants. <i>Molecular Biology and Evolution</i> , 2021, 38, 4765-4777.	3.5	1
2007	RNA-seq highlights differential regulated pathways involved in cell cycle and inflammation in orbitofacial neurofibromas. <i>Brain Pathology</i> , 2022, 32, e13007.	2.1	2

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2010	Genomics accelerated isolation of a new stem rust avirulence gene-wheat resistance gene pair. <i>Nature Plants</i> , 2021, 7, 1220-1228.	4.7	67
2012	Srsf3 mediates alternative RNA splicing downstream of PDGFR signaling in the facial mesenchyme. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	10
2013	Transcriptome Response to Cadmium Exposure in Barley ( <i>Hordeum vulgare</i> L.). <i>Frontiers in Plant Science</i> , 2021, 12, 629089.	1.7	17
2014	A Fusion Protein Complex that Combines IL-12, IL-15, and IL-18 Signaling to Induce Memory-Like NK Cells for Cancer Immunotherapy. <i>Cancer Immunology Research</i> , 2021, 9, 1071-1087.	1.6	36
2015	Weakened growth, cell division, and energy metabolism, but enhanced resistance, signaling, and anabolism: responses of <i>Ulva prolifera</i> to copper elucidated by omics. <i>Journal of Applied Phycology</i> , 2021, 33, 3449-3465.	1.5	10
2016	Diet-dependent sex differences in the response to vertical sleeve gastrectomy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 321, E11-E23.	1.8	7
2017	Chia ( <i>Salvia hispanica</i> ) Gene Expression Atlas Elucidates Dynamic Spatio-Temporal Changes Associated With Plant Growth and Development. <i>Frontiers in Plant Science</i> , 2021, 12, 667678.	1.7	11
2019	Endogenous retrovirus envelope as a tumor-associated immunotherapeutic target in murine osteosarcoma. <i>IScience</i> , 2021, 24, 102759.	1.9	1
2020	Transcriptional response in the whiteleg shrimp ( <i>Penaeus vannamei</i> ) to short-term microplastic exposure. <i>Aquaculture Reports</i> , 2021, 20, 100713.	0.7	3
2021	Cross-platform transcriptional profiling identifies common and distinct molecular pathologies in Lewy body diseases. <i>Acta Neuropathologica</i> , 2021, 142, 449-474.	3.9	27
2022	WIND (Workflow for piRNAs and beyond): a strategy for in-depth analysis of small RNA-seq data. <i>F1000Research</i> , 2021, 10, 1.	0.8	22
2023	SPLICE-q: a Python tool for genome-wide quantification of splicing efficiency. <i>BMC Bioinformatics</i> , 2021, 22, 368.	1.2	7
2024	Seasonal Variation in Transcriptomic Profiling of <i>Tetrastigma hemsleyanum</i> Fully Developed Tuberos Roots Enriches Candidate Genes in Essential Metabolic Pathways and Phytohormone Signaling. <i>Frontiers in Plant Science</i> , 2021, 12, 659645.	1.7	12
2025	RyÅ«tÅ« improved multi-sample transcript assembly for differential transcript expression analysis and more. <i>Bioinformatics</i> , 2021, 37, 4307-4313.	1.8	3
2026	Post-transcriptional gene silencing of <i>CYP76AD</i> controls betalain biosynthesis in bracts of <i>bougainvillea</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 6949-6962.	2.4	8
2027	CD177, a specific marker of neutrophil activation, is associated with coronavirus disease 2019 severity and death. <i>IScience</i> , 2021, 24, 102711.	1.9	79
2028	Molecular Mechanisms of Coral Persistence Within Highly Urbanized Locations in the Port of Miami, Florida. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	14
2030	iTARGETX analysis of yeast deletome reveals novel regulators of transcriptional buffering in S phase and protein turnover. <i>Nucleic Acids Research</i> , 2021, 49, 7318-7329.	6.5	2

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2034	Use of Oxidative Stress Responses to Determine the Efficacy of Inactivation Treatments on <i>Cryptosporidium</i> Oocysts. <i>Microorganisms</i> , 2021, 9, 1463.	1.6	5
2035	Microenvironmental innate immune signaling and cell mechanical responses promote tumor growth. <i>Developmental Cell</i> , 2021, 56, 1884-1899.e5.	3.1	20
2037	Novel Antarctic yeast adapts to cold by switching energy metabolism and increasing small RNA synthesis. <i>ISME Journal</i> , 2022, 16, 221-232.	4.4	21
2038	Venn diagram analysis overestimates the extent of circadian rhythm reprogramming. <i>FEBS Journal</i> , 2022, 289, 6605-6621.	2.2	40
2039	HIV Modifies the m6A and m5C Epitranscriptomic Landscape of the Host Cell. <i>Frontiers in Virology</i> , 2021, 1, .	0.7	6
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2067	An <i>Agrobacterium</i> -mediated stable transformation technique for the hornwort model <i>Anthoceros agrestis</i> . <i>New Phytologist</i> , 2021, 232, 1488-1505.	3.5	18
2068	Vertical Stratification of Dissolved Organic Matter Linked to Distinct Microbial Communities in Subtropic Estuarine Sediments. <i>Frontiers in Microbiology</i> , 2021, 12, 697860.	1.5	12
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2089	Sex-Biased Gene Expression of <i>Mesobuthus martensii</i> Collected from Gansu Province, China, Reveals Their Different Therapeutic Potentials. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 1-15.	0.5	3
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2117	Transcriptomics of different tissues of blueberry and diversity analysis of rhizosphere fungi under cadmium stress. <i>BMC Plant Biology</i> , 2021, 21, 389.	1.6	8
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2139	Captive Common Marmosets ( <i>Callithrix jacchus</i> ) Are Colonized throughout Their Lives by a Community of <i>Bifidobacterium</i> Species with Species-Specific Genomic Content That Can Support Adaptation to Distinct Metabolic Niches. <i>MBio</i> , 2021, 12, e0115321.	1.8	8
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2147	Meta-Analysis of Brain Gene Expression Data from Mouse Model Studies of Maternal Immune Activation Using Poly(I:C). <i>Genes</i> , 2021, 12, 1363.	1.0	4
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2225	Selenoprotein T Protects Endothelial Cells against Lipopolysaccharide-Induced Activation and Apoptosis. <i>Antioxidants</i> , 2021, 10, 1427.	2.2	4
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3727	B lymphocyte-derived acetylcholine limits steady-state and emergency hematopoiesis. <i>Nature Immunology</i> , 2022, 23, 605-618.	7.0	33
3728	Chikungunya virus time course infection of human macrophages reveals intracellular signaling pathways relevant to repurposed therapeutics. <i>PeerJ</i> , 2022, 10, e13090.	0.9	5
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3744	Glutamine-dependent signaling controls pluripotent stem cell fate. <i>Developmental Cell</i> , 2022, 57, 610-623.e8.	3.1	9
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4357	Genome-wide identification and association analysis for virus-responsive lncRNAs in rice ( <i>Oryza sativa</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 12	1.8	2
4360	Viral communities in the parasite <i>Varroa destructor</i> and in colonies of their honey bee host ( <i>Apis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.6	12
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