

Yutaka Suzuki

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

338 papers	10,054 citations	49 h-index	89 g-index
358 ext. papers	13,528 ext. citations	8.5 avg, IF	6.05 L-index

#	Paper	IF	Citations
338	Impact of dietary fructooligosaccharides (FOS) on murine gut microbiota and intestinal IgA secretion.. <i>3 Biotech</i> , 2022 , 12, 56	2.8	0
337	PD-1 blockade therapy promotes infiltration of tumor-attacking exhausted T _H 1 cell clonotypes.. <i>Cell Reports</i> , 2022 , 38, 110331	10.6	3
336	Multi-omics-based label-free metabolic flux inference reveals obesity-associated dysregulatory mechanisms in liver glucose metabolism.. <i>IScience</i> , 2022 , 25, 103787	6.1	2
335	Global research alliance in infectious disease: a collaborative effort to combat infectious diseases through dissemination of portable sequencing.. <i>BMC Research Notes</i> , 2022 , 15, 44	2.3	0
334	TSS-seq of <i>Toxoplasma gondii</i> sporozoites revealed a novel motif in stage-specific promoters.. <i>Infection, Genetics and Evolution</i> , 2022 , 98, 105213	4.5	
333	Spatial transcriptome analysis revealed novel regulatory mechanism of tumor metastasis. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2022 , 95, 2-O-045	0	
332	Efficient prediction of a spatial transcriptomics profile better characterizes breast cancer tissue sections without costly experimentation.. <i>Scientific Reports</i> , 2022 , 12, 4133	4.9	0
331	<i>Staphylococcus aureus</i> utilizes environmental RNA as a building material in specific polysaccharide-dependent biofilms.. <i>Npj Biofilms and Microbiomes</i> , 2022 , 8, 17	8.2	0
330	OCT1-target neural gene PFN2 promotes tumor growth in androgen receptor-negative prostate cancer.. <i>Scientific Reports</i> , 2022 , 12, 6094	4.9	0
329	Differing impact of phosphoglycerate mutase 1-deficiency on brown and white adipose tissue.. <i>IScience</i> , 2022 , 25, 104268	6.1	
328	Glycoprotein nonmetastatic melanoma protein B regulates lysosomal integrity and lifespan of senescent cells.. <i>Scientific Reports</i> , 2022 , 12, 6522	4.9	2
327	Cyclin J-CDK complexes limit innate immune responses by reducing proinflammatory changes in macrophage metabolism.. <i>Science Signaling</i> , 2022 , 15, eabm5011	8.8	0
326	Shotgun metagenomic sequencing revealed the prebiotic potential of a grain-based diet in mice.. <i>Scientific Reports</i> , 2022 , 12, 6748	4.9	0
325	Dengue fever as a reemerging disease in upper Egypt: Diagnosis, vector surveillance and genetic diversity using RT-LAMP assay.. <i>PLoS ONE</i> , 2022 , 17, e0265760	3.7	0
324	TIGIT/CD155 axis mediates resistance to immunotherapy in patients with melanoma with the inflamed tumor microenvironment 2021 , 9,		2
323	Cell cycle arrest determines adult neural stem cell ontogeny by an embryonic Notch-nonoscillatory Hey1 module. <i>Nature Communications</i> , 2021 , 12, 6562	17.4	1
322	Gene expression signatures as candidate biomarkers of response to PD-1 blockade in non-small cell lung cancers. <i>PLoS ONE</i> , 2021 , 16, e0260500	3.7	

3 ²¹	IBOs required for full transcriptional induction of some NFB-regulated genes in response to TNF in MCF-7 cells. <i>Npj Systems Biology and Applications</i> , 2021 , 7, 42	5	1
3 ²⁰	Genome assembly and annotation of the California harvester ant <i>Pogonomyrmex californicus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2021 , 11,	3.2	2
3 ¹⁹	Identification of novel heat shock-induced long non-coding RNA in human cells. <i>Journal of Biochemistry</i> , 2021 , 169, 497-505	3.1	2
3 ¹⁸	Maintenance of neural stem-progenitor cells by the lysosomal biosynthesis regulators TFEB and TFE3 in the embryonic mouse telencephalon. <i>Stem Cells</i> , 2021 , 39, 929-944	5.8	3
3 ¹⁷	Trans-omic analysis reveals obesity-associated dysregulation of inter-organ metabolic cycles between the liver and skeletal muscle. <i>IScience</i> , 2021 , 24, 102217	6.1	4
3 ¹⁶	Identification of deleterious recessive haplotypes and candidate deleterious recessive mutations in Japanese Black cattle. <i>Scientific Reports</i> , 2021 , 11, 6687	4.9	3
3 ¹⁵	Cell shape-based chemical screening reveals an epigenetic network mediated by focal adhesions. <i>FEBS Journal</i> , 2021 , 288, 5613-5628	5.7	
3 ¹⁴	Genomic profiling reveals heterogeneous populations of ductal carcinoma in situ of the breast. <i>Communications Biology</i> , 2021 , 4, 438	6.7	9
3 ¹³	Tsga8 is required for spermatid morphogenesis and male fertility in mice. <i>Development (Cambridge)</i> , 2021 , 148,	6.6	1
3 ¹²	Comparative Analysis of Patient-Matched PDOs Revealed a Reduction in OLFM4-Associated Clusters in Metastatic Lesions in Colorectal Cancer. <i>Stem Cell Reports</i> , 2021 , 16, 954-967	8	4
3 ¹¹	Targeting Epigenetic and Posttranscriptional Gene Regulation by PSF Impairs Hormone Therapy-Refractory Cancer Growth. <i>Cancer Research</i> , 2021 , 81, 3495-3508	10.1	2
3 ¹⁰	Setd1a Plays Pivotal Roles for the Survival and Proliferation of Retinal Progenitors via Histone Modifications of Uhrf1 2021 , 62, 1		1
3 ⁰⁹	Importance of lymph node immune responses in MSI-H/dMMR colorectal cancer. <i>JCI Insight</i> , 2021 , 6,	9.9	4
3 ⁰⁸	Positive selective sweeps of epigenetic mutations regulating specialized metabolites in plants. <i>Genome Research</i> , 2021 , 31, 1060-1068	9.7	1
3 ⁰⁷	A single mA modification in U6 snRNA diversifies exon sequence at the 5Rsplice site. <i>Nature Communications</i> , 2021 , 12, 3244	17.4	8
3 ⁰⁶	Long-read whole-genome methylation patterning using enzymatic base conversion and nanopore sequencing. <i>Nucleic Acids Research</i> , 2021 , 49, e81	20.1	11
3 ⁰⁵	Single-sample enrichment analysis identified predictive biomarker candidates for nivolumab in patients with non-small cell lung cancer.. <i>Journal of Clinical Oncology</i> , 2021 , 39, e21097-e21097	2.2	
3 ⁰⁴	Characterization of Histone H3 Lysine 4 and 36 Tri-methylation in L. <i>Frontiers in Plant Science</i> , 2021 , 12, 659634	6.2	3

303	Subtype-specific collaborative transcription factor networks are promoted by OCT4 in the progression of prostate cancer. <i>Nature Communications</i> , 2021 , 12, 3766	17.4	3
302	A spinach genome assembly with remarkable completeness, and its use for rapid identification of candidate genes for agronomic traits. <i>DNA Research</i> , 2021 , 28,	4.5	7
301	m A-mediated alternative splicing coupled with nonsense-mediated mRNA decay regulates SAM synthetase homeostasis. <i>EMBO Journal</i> , 2021 , 40, e106434	13	6
300	Interleukin-6 sensitizes TNF- α and TRAIL/Apo2L dependent cell death through upregulation of death receptors in human cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021 , 1868, 119037	4.9	3
299	Development of a time-series shotgun metagenomics database for monitoring microbial communities at the Pacific coast of Japan. <i>Scientific Reports</i> , 2021 , 11, 12222	4.9	1
298	H3K4me3 histone modification in baculovirus-infected silkworm cells. <i>Virus Genes</i> , 2021 , 57, 459-463	2.3	
297	The genome sequence of <i>Samia ricini</i> , a new model species of lepidopteran insect. <i>Molecular Ecology Resources</i> , 2021 , 21, 327-339	8.4	3
296	Profibrotic function of pulmonary group 2 innate lymphoid cells is controlled by regnase-1. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	8
295	Potential for small RNA production against <i>Bombyx mori</i> latent virus in <i>Bombyx mori</i> ovaries. <i>Archives of Insect Biochemistry and Physiology</i> , 2021 , 106, e21761	2.3	0
294	CRISPR/Cas9-mediated mutagenesis of Ago2 and Siwi in silkworm cultured cells. <i>Gene</i> , 2021 , 768, 145314	3.8	1
293	E74-Like Factor 3 Is a Key Regulator of Epithelial Integrity and Immune Response Genes in Biliary Tract Cancer. <i>Cancer Research</i> , 2021 , 81, 489-500	10.1	3
292	MCM10 compensates for Myc-induced DNA replication stress in breast cancer stem-like cells. <i>Cancer Science</i> , 2021 , 112, 1209-1224	6.9	8
291	Application of long-read sequencing to the detection of structural variants in human cancer genomes. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 4207-4216	6.8	3
290	Translational research of VOLTAGE-A: Efficacy predictors of preoperative chemoradiotherapy and consolidation nivolumab in patients with both microsatellite stable and microsatellite instability-high locally advanced rectal cancer.. <i>Journal of Clinical Oncology</i> , 2021 , 39, 100-100	2.2	0
289	Aberrant splicing isoforms detected by full-length transcriptome sequencing as transcripts of potential neoantigens in non-small cell lung cancer. <i>Genome Biology</i> , 2021 , 22, 9	18.3	16
288	Potentiality of multiple modalities for single-cell analyses to evaluate the tumor microenvironment in clinical specimens. <i>Scientific Reports</i> , 2021 , 11, 341	4.9	7
287	Impaired tumor immune response in metastatic tumors is a selective pressure for neutral evolution in CRC cases. <i>PLoS Genetics</i> , 2021 , 17, e1009113	6	2
286	Long-read metagenomics using PromethION uncovers oral bacteriophages and their interaction with host bacteria. <i>Nature Communications</i> , 2021 , 12, 27	17.4	12

285	Transcript Identification Through Long-Read Sequencing. <i>Methods in Molecular Biology</i> , 2021 , 2284, 531-541	5.4	3
284	A 44-kb deleted-type copy number variation is associated with decreasing complement component activity and calf mortality in Japanese Black cattle. <i>BMC Genomics</i> , 2021 , 22, 107	4.5	0
283	DOCK11 and DENND2A play pivotal roles in the maintenance of hepatitis B virus in host cells. <i>PLoS ONE</i> , 2021 , 16, e0246313	3.7	1
282	Single-cell and spatial analyses of cancer cells: toward elucidating the molecular mechanisms of clonal evolution and drug resistance acquisition. <i>Inflammation and Regeneration</i> , 2021 , 41, 22	10.9	6
281	Chronological genome and single-cell transcriptome integration characterizes the evolutionary process of adult T cell leukemia-lymphoma. <i>Nature Communications</i> , 2021 , 12, 4821	17.4	4
280	The Evolving Genomic Landscape of Esophageal Squamous Cell Carcinoma Under Chemoradiotherapy. <i>Cancer Research</i> , 2021 , 81, 4926-4938	10.1	1
279	Predictive markers based on transcriptome modules for vinorelbine-based adjuvant chemotherapy for lung adenocarcinoma patients. <i>Lung Cancer</i> , 2021 , 158, 115-125	5.9	1
278	A combination approach of pseudotime analysis and mathematical modeling for understanding drug-resistant mechanisms. <i>Scientific Reports</i> , 2021 , 11, 18511	4.9	0
277	Directed induction of alveolar type I cells derived from pluripotent stem cells via Wnt signaling inhibition. <i>Stem Cells</i> , 2021 , 39, 156-169	5.8	17
276	Senolytic vaccination improves normal and pathological age-related phenotypes and increases lifespan in progeroid mice. <i>Nature Aging</i> , 2021 , 1, 1117-1126		10
275	HTLV-1 infection promotes excessive T cell activation and transformation into adult T cell leukemia/lymphoma.. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	2
274	The proteome, not the transcriptome, predicts that oocyte superovulation affects embryonic phenotypes in mice. <i>Scientific Reports</i> , 2021 , 11, 23731	4.9	0
273	Metacytofilin Is a Potent Therapeutic Drug Candidate for Toxoplasmosis. <i>Journal of Infectious Diseases</i> , 2020 , 221, 766-774	7	5
272	Blood and lymphatic systems are segregated by the FLCN tumor suppressor. <i>Nature Communications</i> , 2020 , 11, 6314	17.4	5
271	Expression profiling of sexually dimorphic genes in the Japanese quail, <i>Coturnix japonica</i> . <i>Scientific Reports</i> , 2020 , 10, 20073	4.9	1
270	Mortality and risk of progression to adult T cell leukemia/lymphoma in HTLV-1-associated myelopathy/tropical spastic paraparesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11685-11691	11.5	13
269	Selective Induction of Human Autonomic Neurons Enables Precise Control of Cardiomyocyte Beating. <i>Scientific Reports</i> , 2020 , 10, 9464	4.9	11
268	The Number of Transcription Factors at an Enhancer Determines Switch-like Gene Expression. <i>Cell Reports</i> , 2020 , 31, 107724	10.6	13

267	EXOSC9 depletion attenuates P-body formation, stress resistance, and tumorigenicity of cancer cells. <i>Scientific Reports</i> , 2020 , 10, 9275	4.9	10
266	RAB5A and TRAPPC6B are novel targets for Shiga toxin 2a inactivation in kidney epithelial cells. <i>Scientific Reports</i> , 2020 , 10, 4945	4.9	3
265	Association of colitis with gut-microbiota dysbiosis in clathrin adapter AP-1B knockout mice. <i>PLoS ONE</i> , 2020 , 15, e0228358	3.7	9
264	Systematic Analysis of Targets of Pumilio-Mediated mRNA Decay Reveals that PUM1 Repression by DNA Damage Activates Translesion Synthesis. <i>Cell Reports</i> , 2020 , 31, 107542	10.6	7
263	The role of Mediator and Little Elongation Complex in transcription termination. <i>Nature Communications</i> , 2020 , 11, 1063	17.4	10
262	Indoleamine 2,3-dioxygenase 1 is highly expressed in glioma stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 524, 723-729	3.4	15
261	Zucchini consensus motifs determine the mechanism of pre-piRNA production. <i>Nature</i> , 2020 , 578, 311-316	16.4	35
260	RNA-binding protein NONO promotes breast cancer proliferation by post-transcriptional regulation of SKP2 and E2F8. <i>Cancer Science</i> , 2020 , 111, 148-159	6.9	31
259	Essential role of the family-dosage in DiGeorge-like anomaly and metabolic homeostasis. <i>Life Science Alliance</i> , 2020 , 3,	5.8	2
258	Antitumor effects of ribavirin in combination with TMZ and IFN- γ in malignant glioma cells. <i>Oncology Letters</i> , 2020 , 20, 178	2.6	4
257	GCT-62. DISSECTING INTRATUMORAL HETEROGENEITY OF CENTRAL NERVOUS SYSTEM GERM CELL TUMORS BY SINGLE-CELL RNA-SEQUENCING. <i>Neuro-Oncology</i> , 2020 , 22, iii340-iii341	1	0
256	Bardet-Biedl syndrome and related disorders in Japan. <i>Journal of Human Genetics</i> , 2020 , 65, 847-853	4.3	3
255	Whole-genome sequencing and comparative transcriptome analysis of Bombyx mori nucleopolyhedrovirus La strain. <i>Virus Genes</i> , 2020 , 56, 249-259	2.3	4
254	Advent of a new sequencing era: long-read and on-site sequencing. <i>Journal of Human Genetics</i> , 2020 , 65, 1	4.3	5
253	Emergence and Evolution of ERM Proteins and Merlin in Metazoans. <i>Genome Biology and Evolution</i> , 2020 , 12, 3710-3724	3.9	4
252	Trans-omic Analysis Reveals ROS-Dependent Pentose Phosphate Pathway Activation after High-Frequency Electrical Stimulation in C2C12 Myotubes. <i>IScience</i> , 2020 , 23, 101558	6.1	8
251	Comparative genomic analyses illuminate the distinct evolution of megabats within Chiroptera. <i>DNA Research</i> , 2020 , 27,	4.5	4
250	A genome database for a Japanese population of the larvacean Oikopleura dioica. <i>Development Growth and Differentiation</i> , 2020 , 62, 450-461	3	8

249	Networking and Specificity-Changing DNA Methyltransferases in. <i>Frontiers in Microbiology</i> , 2020 , 11, 1628	5.7	1
248	Transomics analysis reveals allosteric and gene regulation axes for altered hepatic glucose-responsive metabolism in obesity. <i>Science Signaling</i> , 2020 , 13,	8.8	8
247	Identification of long non-coding RNAs in advanced prostate cancer associated with androgen receptor splicing factors. <i>Communications Biology</i> , 2020 , 3, 393	6.7	19
246	Fruit setting rewires central metabolism via gibberellin cascades. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 23970-23981	11.5	11
245	Metabolic labeling of RNA using multiple ribonucleoside analogs enables the simultaneous evaluation of RNA synthesis and degradation rates. <i>Genome Research</i> , 2020 , 30, 1481-1491	9.7	6
244	Seasonal plasticity and diel stability of H3K27me3 in natural fluctuating environments. <i>Nature Plants</i> , 2020 , 6, 1091-1097	11.5	10
243	Single-cell sequencing techniques from individual to multiomics analyses. <i>Experimental and Molecular Medicine</i> , 2020 , 52, 1419-1427	12.8	46
242	Long-read sequencing for non-small-cell lung cancer genomes. <i>Genome Research</i> , 2020 , 30, 1243-1257	9.7	14
241	The potential role of Arhgef33 RhoGEF in foveal development in the zebra finch retina. <i>Scientific Reports</i> , 2020 , 10, 21450	4.9	5
240	PSF Promotes ER-Positive Breast Cancer Progression via Posttranscriptional Regulation of and. <i>Cancer Research</i> , 2020 , 80, 2230-2242	10.1	14
239	Association of colitis with gut-microbiota dysbiosis in clathrin adapter AP-1B knockout mice 2020 , 15, e0228358		
238	Association of colitis with gut-microbiota dysbiosis in clathrin adapter AP-1B knockout mice 2020 , 15, e0228358		
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234	Association of colitis with gut-microbiota dysbiosis in clathrin adapter AP-1B knockout mice 2020 , 15, e0228358		
233	Jiadifenolide induces the expression of cellular communication network factor (CCN) genes, and CCN2 exhibits neurotrophic activity in neuronal precursor cells derived from human induced pluripotent stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 519, 309-315	3.4	5
232	An integrated genome-wide multi-omics analysis of gene expression dynamics in the preimplantation mouse embryo. <i>Scientific Reports</i> , 2019 , 9, 13356	4.9	16

231	A systematic sequencing-based approach for microbial contaminant detection and functional inference. <i>BMC Biology</i> , 2019 , 17, 72	7.3	8
230	Histopathological factors affecting the extraction of high quality genomic DNA from tissue sections for next-generation sequencing. <i>Biomedical Reports</i> , 2019 , 11, 171-180	1.8	3
229	NanoPipe-a web server for nanopore MinION sequencing data analysis. <i>GigaScience</i> , 2019 , 8,	7.6	19
228	Integrative Genomic Analysis of OCT1 Reveals Coordinated Regulation of Androgen Receptor in Advanced Prostate Cancer. <i>Endocrinology</i> , 2019 , 160, 463-472	4.8	14
227	Regulation of ectopic heterochromatin-mediated epigenetic diversification by the JmjC family protein Epe1. <i>PLoS Genetics</i> , 2019 , 15, e1008129	6	17
226	Molecular evidence for recent divergence of X- and Y-linked gene pairs in <i>Spinacia oleracea</i> L. <i>PLoS ONE</i> , 2019 , 14, e0214949	3.7	17
225	Regnase-1-mediated post-transcriptional regulation is essential for hematopoietic stem and progenitor cell homeostasis. <i>Nature Communications</i> , 2019 , 10, 1072	17.4	13
224	A clinical trial of somatic and germline analyses for healthy longevity in a postoperative cancer patient. <i>Surgery Today</i> , 2019 , 49, 738-747	3	
223	On-Site MinION Sequencing. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1129, 143-150	3.6	12
222	Single-Cell DNA-Seq and RNA-Seq in Cancer Using the C1 System. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1129, 27-50	3.6	1
221	Epigenetic control of early dendritic cell lineage specification by the transcription factor IRF8 in mice. <i>Blood</i> , 2019 , 133, 1803-1813	2.2	30
220	Functional D-box sequences reset the circadian clock and drive mRNA rhythms. <i>Communications Biology</i> , 2019 , 2, 300	6.7	22
219	Masc-induced dosage compensation in silkworm cultured cells. <i>FEBS Open Bio</i> , 2019 , 9, 1573-1579	2.7	4
218	Translation-dependent unwinding of stem-loops by UPF1 licenses Regnase-1 to degrade inflammatory mRNAs. <i>Nucleic Acids Research</i> , 2019 , 47, 8838-8859	20.1	23
217	The histone modification H3 lysine 27 tri-methylation has conserved gene regulatory roles in the triplicated genome of <i>Brassica rapa</i> L. <i>DNA Research</i> , 2019 , 26, 433-443	4.5	12
216	MoMI-G: modular multi-scale integrated genome graph browser. <i>BMC Bioinformatics</i> , 2019 , 20, 548	3.6	12
215	Effects of androgen and oestrogen on IGF pathways controlling phallus growth. <i>Reproduction</i> , 2019 , 157, 1-12	3.8	2
214	Monoallelic, antisense and total RNA transcription in an neural differentiation system based on F1 hybrid mice. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	1

213	Lack of whey acidic protein (WAP) four-disulfide core domain protease inhibitor 2 (WFDC2) causes neonatal death from respiratory failure in mice. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12,	4.1	2
212	Characterization of cancer omics and drug perturbations in panels of lung cancer cells. <i>Scientific Reports</i> , 2019 , 9, 19529	4.9	7
211	Multiregion Genomic Analysis of Serially Transplanted Patient-derived Xenograft Tumors. <i>Cancer Genomics and Proteomics</i> , 2019 , 16, 21-27	3.3	9
210	Evaluation and application of RNA-Seq by MinION. <i>DNA Research</i> , 2019 , 26, 55-65	4.5	35
209	Hunt for the tipping point during endocrine resistance process in breast cancer by dynamic network biomarkers. <i>Journal of Molecular Cell Biology</i> , 2019 , 11, 649-664	6.3	33
208	Eosinophil depletion suppresses radiation-induced small intestinal fibrosis. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	32
207	Transcription Factor IRF8 Governs Enhancer Landscape Dynamics in Mononuclear Phagocyte Progenitors. <i>Cell Reports</i> , 2018 , 22, 2628-2641	10.6	26
206	Combinatory use of distinct single-cell RNA-seq analytical platforms reveals the heterogeneous transcriptome response. <i>Scientific Reports</i> , 2018 , 8, 3482	4.9	14
205	Expansions of intronic TTTCA and TTTTA repeats in benign adult familial myoclonic epilepsy. <i>Nature Genetics</i> , 2018 , 50, 581-590	36.3	152
204	No novel, high penetrant gene might remain to be found in Japanese patients with unknown MODY. <i>Journal of Human Genetics</i> , 2018 , 63, 821-829	4.3	1
203	Pulmonary Regnase-1 orchestrates the interplay of epithelium and adaptive immune systems to protect against pneumonia. <i>Mucosal Immunology</i> , 2018 , 11, 1203-1218	9.2	14
202	Layer-specific morphological and molecular differences in neocortical astrocytes and their dependence on neuronal layers. <i>Nature Communications</i> , 2018 , 9, 1623	17.4	122
201	Necessity of p53-binding to the CDH1 locus for its expression defines two epithelial cell types differing in their integrity. <i>Scientific Reports</i> , 2018 , 8, 1595	4.9	9
200	Lanthanide-Dependent Regulation of Methylo-trophy in Strain 22A. <i>MSphere</i> , 2018 , 3,	5	40
199	The CCR4-NOT deadenylase complex controls Atg7-dependent cell death and heart function. <i>Science Signaling</i> , 2018 , 11,	8.8	40
198	Three-step transcriptional priming that drives the commitment of multipotent progenitors toward B cells. <i>Genes and Development</i> , 2018 , 32, 112-126	12.6	17
197	Transcriptome profiling reveals infection strategy of an insect maculavirus. <i>DNA Research</i> , 2018 ,	4.5	16
196	Combined Mutation of , and Effectively Drives Metastasis of Intestinal Cancer. <i>Cancer Research</i> , 2018 , 78, 1334-1346	10.1	53

195	DBTSS/DBKERO for integrated analysis of transcriptional regulation. <i>Nucleic Acids Research</i> , 2018 , 46, D229-D238	20.1	37
194	OverGeneDB: a database of 5Rend protein coding overlapping genes in human and mouse genomes. <i>Nucleic Acids Research</i> , 2018 , 46, D186-D193	20.1	5
193	Pivotal roles of Fezf2 in differentiation of cone OFF bipolar cells and functional maturation of cone ON bipolar cells in retina. <i>Experimental Eye Research</i> , 2018 , 171, 142-154	3.7	4
192	Identification of potential regulatory mutations using multi-omics analysis and haplotyping of lung adenocarcinoma cell lines. <i>Scientific Reports</i> , 2018 , 8, 4926	4.9	5
191	Non-invasive diagnosis of cutaneous leishmaniasis by the direct boil loop-mediated isothermal amplification method and MinION nanopore sequencing. <i>Parasitology International</i> , 2018 , 67, 34-37	2.1	15
190	High-Quality Overlapping Paired-End Reads for the Detection of A-to-I Editing on Small RNA. <i>Methods in Molecular Biology</i> , 2018 , 1823, 167-183	1.4	5
189	An innovative diagnostic technology for the codon mutation C580Y in kelch13 of Plasmodium falciparum with MinION nanopore sequencer. <i>Malaria Journal</i> , 2018 , 17, 217	3.6	13
188	Serial mutational tracking in surgically resected locally advanced colorectal cancer with neoadjuvant chemotherapy. <i>British Journal of Cancer</i> , 2018 , 119, 419-423	8.7	5
187	Different murine-derived feeder cells alter the definitive endoderm differentiation of human induced pluripotent stem cells. <i>PLoS ONE</i> , 2018 , 13, e0201239	3.7	2
186	A temporal shift of the evolutionary principle shaping intratumor heterogeneity in colorectal cancer. <i>Nature Communications</i> , 2018 , 9, 2884	17.4	50
185	p53-inducible DPYSL4 associates with mitochondrial supercomplexes and regulates energy metabolism in adipocytes and cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 8370-8375	11.5	24
184	Environmental adaptation of and at genome level as seen by comparative genomic analysis. <i>International Journal of Biological Sciences</i> , 2018 , 14, 306-320	11.2	12
183	Ultrahigh-Density Linkage Map Construction Using Low-Coverage Whole-Genome Sequencing of a Doubled Haploid Population: Case Study of Torafugu (Takifugu rubripes). <i>Genes</i> , 2018 , 9,	4.2	6
182	Genome-wide characterization of DNA methylation, small RNA expression, and histone H3 lysine nine di-methylation in Brassica rapa L. <i>DNA Research</i> , 2018 , 25, 511-520	4.5	15
181	The Chara Genome: Secondary Complexity and Implications for Plant Terrestrialization. <i>Cell</i> , 2018 , 174, 448-464.e24	56.2	213
180	Single nucleotide polymorphisms in genes encoding penicillin-binding proteins in β -lactamase-negative ampicillin-resistant Haemophilus influenzae in Japan. <i>BMC Research Notes</i> , 2018 , 11, 53	2.3	8
179	Diminished nuclear RNA decay upon infection upregulates antibacterial noncoding RNAs. <i>EMBO Journal</i> , 2018 , 37,	13	36
178	Molecular insights into the non-recombining nature of the spinach male-determining region. <i>Molecular Genetics and Genomics</i> , 2018 , 293, 557-568	3.1	13

177	5RBromouridine IP Chase (BRIC)-Seq to Determine RNA Half-Lives. <i>Methods in Molecular Biology</i> , 2018 , 1720, 1-13	1.4	9
176	Artificially designed hybrids facilitate efficient generation of high-resolution linkage maps. <i>Scientific Reports</i> , 2018 , 8, 16104	4.9	4
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16	Construction of a full-length enriched and a 5Rend enriched cDNA library using the oligo-capping method. <i>Methods in Molecular Biology</i> , 2003 , 221, 73-91	1.4	69

15	DBTSS: DataBase of human Transcriptional Start Sites and full-length cDNAs. <i>Nucleic Acids Research</i> , 2002 , 30, 328-31	20.1	164
14	Molecular cloning and characterization of a gene expressed in mouse developing tongue, mDscr5 gene, a homolog of human DSCR5 (Down syndrome Critical Region gene 5). <i>Mammalian Genome</i> , 2001 , 12, 347-51	3.2	5
13	Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites. <i>EMBO Reports</i> , 2001 , 2, 388-93	6.5	141
12	Assignment of 118 novel cDNAs of cynomolgus monkey brain to human chromosomes. <i>Gene</i> , 2001 , 275, 31-7	3.8	19
11	Hunting the subset-specific genes of neuroblastoma: expression profiling and differential screening of the full-length-enriched oligo-capping cDNA libraries. <i>Medical and Pediatric Oncology</i> , 2000 , 35, 547-9		5
10	Association between favorable neuroblastoma and high expression of the novel metalloproteinase gene, nbla3145/XCE, cloned by differential screening of the full-length-enriched oligo-capping neuroblastoma cDNA libraries. <i>Medical and Pediatric Oncology</i> , 2000 , 35, 628-31		5
9	Construction and Preliminary Characterization of Full length Enriched cDNA Libraries for Nonhuman Primates. <i>Primate Research</i> , 2000 , 16, 95-110	0.1	6
8	A novel human gene whose product shares significant homology with the bovine brain-specific protein p25 on chromosome 5p15.3. <i>Journal of Human Genetics</i> , 1999 , 44, 121-2	4.3	16
7	Isolation and chromosomal mapping of a novel human gene showing homology to Na ⁺ /PO ₄ cotransporter. <i>Journal of Human Genetics</i> , 1999 , 44, 190-2	4.3	21
6	Cloning, expression analysis, and chromosomal localization of a novel butyrophilin-like receptor. <i>Journal of Human Genetics</i> , 1999 , 44, 249-52	4.3	10
5	Isolation, tissue expression, and chromosomal assignment of human RGS5, a novel G-protein signaling regulator gene. <i>Journal of Human Genetics</i> , 1998 , 43, 202-5	4.3	45
4	Cloning, expression analysis, and chromosomal localization of HIP1R, an isolog of huntingtin interacting protein (HIP1). <i>Journal of Human Genetics</i> , 1998 , 43, 268-71	4.3	41
3	Isolation, tissue expression, and chromosomal assignment of a novel human gene which encodes a protein with RING finger motif. <i>Journal of Human Genetics</i> , 1998 , 43, 272-4	4.3	16
2	Metabolic labeling of RNA using multiple ribonucleoside analogs enables simultaneous evaluation of transcription and degradation rates		1
1	Long read sequencing reveals a novel class of structural aberrations in cancers: identification and characterization of cancerous local amplifications		7