

# Systematic and integrative analysis of large gene lists u resources

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Citation Report

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8	Studies of physiologic tremor in the dog. <i>Neurology</i> , 1964, 14, 50-50.	1.5	11
9	Grafting on Wool Through Free Radical Formation on the Protein. <i>Textile Reseach Journal</i> , 1974, 44, 658-664.	1.1	1
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13	Protein Databases on the Internet. <i>Current Protocols in Molecular Biology</i> , 2004, 68, Unit 19.4.	2.9	11
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23	Alternative Splicing and Transcriptome Profiling of Experimental Autoimmune Encephalomyelitis Using Genome-Wide Exon Arrays. <i>PLoS ONE</i> , 2009, 4, e7773.	1.1	20
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26	Towards a genome-wide transcriptogram: the <i>Saccharomyces cerevisiae</i> case. <i>Nature Precedings</i> , 2009, , .	0.1	0

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28	Dynamically dysfunctional protein interactions in the development of Alzheimer's disease. , 2009, , .		7
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5350	RNA-sequencing of the brain transcriptome implicates dysregulation of neuroplasticity, circadian rhythms and GTPase binding in bipolar disorder. <i>Molecular Psychiatry</i> , 2014, 19, 1179-1185.	4.1	100
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9864	TTF-1/NKX2-1 binds to DDB1 and confers replication stress resistance to lung adenocarcinomas. <i>Oncogene</i> , 2017, 36, 3740-3748.	2.6	27
9865	Identification of the crucial genes in the elimination and survival process of <i>Salmonella enterica</i> ser. Pullorum in the chicken spleen. <i>Animal Genetics</i> , 2017, 48, 303-314.	0.6	2
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9868	Identification of genes associated with the effect of inflammation on the neurotransmission of vascular smooth muscle cell. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1303-1312.	0.8	5
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9875	Genetic architecture of gene expression underlying variation in host response to porcine reproductive and respiratory syndrome virus infection. <i>Scientific Reports</i> , 2017, 7, 46203.	1.6	32

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11667	LncRNA-OIS1 regulates DPP4 activation to modulate senescence induced by RAS. <i>Nucleic Acids Research</i> , 2018, 46, 4213-4227.	6.5	40
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11669	Dynamic Changes in the Protein Localization in the Nuclear Environment in Pancreatic $\beta$ -Cell after Brief Glucose Stimulation. <i>Journal of Proteome Research</i> , 2018, 17, 1664-1676.	1.8	6
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11671	A VCP inhibitor substrate trapping approach (VISTA) enables proteomic profiling of endogenous ERAD substrates. <i>Molecular Biology of the Cell</i> , 2018, 29, 1021-1030.	0.9	31
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11674	Association study between copy number variation and beef fatty acid profile of Nellore cattle. <i>Journal of Applied Genetics</i> , 2018, 59, 203-223.	1.0	29
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11677	An OMIC biomarker detection algorithm TriVote and its application in methylomic biomarker detection. <i>Epigenomics</i> , 2018, 10, 335-347.	1.0	21
11678	Secretome Analysis of Hypoxia-Induced 3T3-L1 Adipocytes Uncovers Novel Proteins Potentially Involved in Obesity. <i>Proteomics</i> , 2018, 18, e1700260.	1.3	14
11679	"One-Pot" Sample Processing Method for Proteome-Wide Analysis of Microbial Cells and Spores. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700169.	0.8	50
11680	Aggregating sequences that occur in many proteins constitute weak spots of bacterial proteostasis. <i>Nature Communications</i> , 2018, 9, 866.	5.8	53
11681	Identification of transcripts potentially involved in neural tube closure using RNA sequencing. <i>Genesis</i> , 2018, 56, e23096.	0.8	7
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11683	A six-long non-coding RNA signature predicts prognosis in melanoma patients. <i>International Journal of Oncology</i> , 2018, 52, 1178-1188.	1.4	51

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11813	Distinct methylation profile of mucinous ovarian carcinoma reveals susceptibility to proteasome inhibitors. <i>International Journal of Cancer</i> , 2018, 143, 355-367.	2.3	12
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11817	Molecular characterization of colorectal adenomas with and without malignancy reveals distinguishing genome, transcriptome and methylome alterations. <i>Scientific Reports</i> , 2018, 8, 3161.	1.6	35
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11819	Noise-Induced Dysregulation of Quaking RNA Binding Proteins Contributes to Auditory Nerve Demyelination and Hearing Loss. <i>Journal of Neuroscience</i> , 2018, 38, 2551-2568.	1.7	32
11820	Aldolase A overexpression is associated with poor prognosis and promotes tumor progression by the epithelial-mesenchymal transition in colon cancer. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 639-645.	1.0	28
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11825	Embryonic defects induced by maternal obesity in mice derive from Stella insufficiency in oocytes. <i>Nature Genetics</i> , 2018, 50, 432-442.	9.4	112
11826	Pretreatment with probiotic Bifico ameliorates colitis-associated cancer in mice: Transcriptome and gut flora profiling. <i>Cancer Science</i> , 2018, 109, 666-677.	1.7	87
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11829	Interaction of DCF1 with ATP1B1 induces impairment in astrocyte structural plasticity via the P38 signaling pathway. <i>Experimental Neurology</i> , 2018, 302, 214-229.	2.0	3

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11831	A Translational Repression Complex in Developing Mammalian Neural Stem Cells that Regulates Neuronal Specification. <i>Neuron</i> , 2018, 97, 520-537.e6.	3.8	124
11832	High expression of SMARCA4 or SMARCA2 is frequently associated with an opposite prognosis in cancer. <i>Scientific Reports</i> , 2018, 8, 2043.	1.6	100
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11847	Autophagy mediates glucose starvation-induced glioblastoma cell quiescence and chemoresistance through coordinating cell metabolism, cell cycle, and survival. <i>Cell Death and Disease</i> , 2018, 9, 213.	2.7	48
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11882	Bioinformatics Support for Farm Animal Proteomics. , 2018, , 361-386.		0
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11905	Exosomes as secondary inductive signals involved in kidney organogenesis. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1422675.	5.5	37
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11913	Genome-wide analysis of disease progression in age-related macular degeneration. <i>Human Molecular Genetics</i> , 2018, 27, 929-940.	1.4	67
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11948	Identification of Head and Neck Cancer Subtypes Based on Human Papillomavirus Presence and E2F-Regulated Gene Expression. <i>MSphere</i> , 2018, 3, .	1.3	25
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11956	Identification of immune-related genes in gill cells of Japanese eels ( <i>Anguilla japonica</i> ) in adaptation to water salinity changes. <i>Fish and Shellfish Immunology</i> , 2018, 73, 288-296.	1.6	25
11957	PITX1 promotes chondrogenesis and myogenesis in mouse hindlimbs through conserved regulatory targets. <i>Developmental Biology</i> , 2018, 434, 186-195.	0.9	19
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12262	Age-associated microRNA expression in human peripheral blood is associated with all-cause mortality and age-related traits. <i>Aging Cell</i> , 2018, 17, e12687.	3.0	114
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12318	Influence of luteinizing hormone support on granulosa cells transcriptome in cattle. <i>Animal Science Journal</i> , 2018, 89, 21-30.	0.6	6
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12358	Collective effects of common single nucleotide polymorphisms and genetic risk prediction in type 1 diabetes. <i>Clinical Genetics</i> , 2018, 93, 1069-1074.	1.0	8

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12387	Comparative genomics reveals that loss of lunatic fringe ( <i>LFNG</i> ) promotes melanoma metastasis. <i>Molecular Oncology</i> , 2018, 12, 239-255.	2.1	20
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12391	Nutritional regimens with periodically recurring phases of dietary restriction extend lifespan in <i>Drosophila</i> . <i>FASEB Journal</i> , 2018, 32, 1993-2003.	0.2	13
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12397	Polygenic evolution drives species divergence and climate adaptation in corals. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 82-94.	1.1	61
12398	An acetylable lysine controls CRP function in <i>E. coli</i> . <i>Molecular Microbiology</i> , 2018, 107, 116-131.	1.2	51
12399	Actin-dependent global chromatin organization and gene expression programs control cellular identity. <i>FASEB Journal</i> , 2018, 32, 1296-1314.	0.2	50
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12849	De novo Mutations (DNMs) in Autism Spectrum Disorder (ASD): Pathway and Network Analysis. <i>Frontiers in Genetics</i> , 2018, 9, 406.	1.1	40
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12851	Lung Single-Cell Signaling Interaction Map Reveals Basophil Role in Macrophage Imprinting. <i>Cell</i> , 2018, 175, 1031-1044.e18.	13.5	332
12852	Identification of key pathways and metabolic fingerprints of longevity in <i>C. elegans</i> . <i>Experimental Gerontology</i> , 2018, 113, 128-140.	1.2	50
12853	Rbfox1 Mediates Cell-type-Specific Splicing in Cortical Interneurons. <i>Neuron</i> , 2018, 100, 846-859.e7.	3.8	92
12854	Activity-dependent bulk endocytosis proteome reveals a key presynaptic role for the monomeric GTPase Rab11. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10177-E10186.	3.3	43
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12863	CASS: A distributed network clustering algorithm based on structure similarity for large-scale network. <i>PLoS ONE</i> , 2018, 13, e0203670.	1.1	5
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13416	Proteomic analysis identifies transcriptional cofactors and homeobox transcription factors as TBX18 binding proteins. <i>PLoS ONE</i> , 2018, 13, e0200964.	1.1	9
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13437	Modeling Hemolytic-Uremic Syndrome: In-Depth Characterization of Distinct Murine Models Reflecting Different Features of Human Disease. <i>Frontiers in Immunology</i> , 2018, 9, 1459.	2.2	22
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13447	Environmental Enrichment Prevents Transcriptional Disturbances Induced by Alpha-Synuclein Overexpression. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 112.	1.8	30
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14206	Developmental atlas of the RNA editome in <i>Sus scrofa</i> skeletal muscle. <i>DNA Research</i> , 2019, 26, 261-272.	1.5	19
14207	The construction and analysis of the aberrant lncRNA-miRNA-mRNA network in non-small cell lung cancer. <i>Journal of Thoracic Disease</i> , 2019, 11, 1772-1778.	0.6	43
14208	Clustered microRNAs hsa-miR-221-3p/hsa-miR-222-3p and their targeted genes might be prognostic predictors for hepatocellular carcinoma. <i>Journal of Cancer</i> , 2019, 10, 2520-2533.	1.2	33
14209	Epstein-Barr-Virus-Induced One-Carbon Metabolism Drives B Cell Transformation. <i>Cell Metabolism</i> , 2019, 30, 539-555.e11.	7.2	119
14210	Associations of the Fecal Microbial Proteome Composition and Proneness to Diet-induced Obesity. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1864-1879.	2.5	19
14211	XBP1 signalling is essential for alleviating mutant protein aggregation in ER-stress related skeletal disease. <i>PLoS Genetics</i> , 2019, 15, e1008215.	1.5	16
14212	Identification of crucial miRNAs and lncRNAs for ossification of ligamentum flavum. <i>Molecular Medicine Reports</i> , 2019, 20, 1683-1699.	1.1	6
14213	Role of 4-aminobutyrate aminotransferase (ABAT) and the lncRNA co-expression network in the development of myelodysplastic syndrome. <i>Oncology Reports</i> , 2019, 42, 509-520.	1.2	3
14214	The characteristics of HPV integration in cervical intraepithelial cells. <i>Journal of Cancer</i> , 2019, 10, 2783-2787.	1.2	28
14215	Transcriptomic profiling of neural stem cell differentiation on graphene substrates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110324.	2.5	27
14216	Aberrant axon branching via Fos-B dysregulation in FUS-ALS motor neurons. <i>EBioMedicine</i> , 2019, 45, 362-378.	2.7	49
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14219	Motor dysfunction and neurodegeneration in a C9orf72 mouse line expressing poly-PR. <i>Nature Communications</i> , 2019, 10, 2906.	5.8	68
14220	Digital gene expression analyses of mammary glands from meat ewes naturally infected with clinical mastitis. <i>Royal Society Open Science</i> , 2019, 6, 181604.	1.1	8
14221	Dissecting the transcriptome landscape of the human fetal neural retina and retinal pigment epithelium by single-cell RNA-seq analysis. <i>PLoS Biology</i> , 2019, 17, e3000365.	2.6	108
14222	HIF-1 $\beta$ Stabilization Increases miR-210 Eliciting First Trimester Extravillous Trophoblast Mitochondrial Dysfunction. <i>Frontiers in Physiology</i> , 2019, 10, 699.	1.3	29

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14224	Identification of Pyrvinium, an Anthelmintic Drug, as a Novel Anti-Adipogenic Compound Based on the Gene Expression Microarray and Connectivity Map. <i>Molecules</i> , 2019, 24, 2391.	1.7	17
14225	Uncovering changes in proteomic signature of rat pelvic floor muscles in pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 130.e1-130.e9.	0.7	6
14226	Polycomb Repressive Complex 1 Controls Maintenance of Fungiform Papillae by Repressing Sonic Hedgehog Expression. <i>Cell Reports</i> , 2019, 28, 257-266.e5.	2.9	11
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14228	Chronic Inflammation in Response to Injury: Retention of Myeloid Cells in Injured Tissue Is Driven by Myeloid Cell Intrinsic Factors. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1583-1592.	0.3	12
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14230	Single-cell RNA-seq highlights intra-tumoral heterogeneity and malignant progression in pancreatic ductal adenocarcinoma. <i>Cell Research</i> , 2019, 29, 725-738.	5.7	661
14231	Myc targeted CDK18 promotes ATR and homologous recombination to mediate PARP inhibitor resistance in glioblastoma. <i>Nature Communications</i> , 2019, 10, 2910.	5.8	77
14232	ATF4 couples MYC-dependent translational activity to bioenergetic demands during tumour progression. <i>Nature Cell Biology</i> , 2019, 21, 889-899.	4.6	157
14233	Label propagation defines signaling networks associated with recurrently mutated cancer genes. <i>Scientific Reports</i> , 2019, 9, 9401.	1.6	1
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14235	Long noncoding RNA NEAT1 mediates neuronal histone methylation and age-related memory impairment. <i>Science Signaling</i> , 2019, 12, .	1.6	81
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14278	Renal Artery Stenosis Alters Gene Expression in Swine Scattered Tubular-Like Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5069.	1.8	9
14279	ATRX In-Frame Fusion Neuroblastoma Is Sensitive to EZH2 Inhibition via Modulation of Neuronal Gene Signatures. <i>Cancer Cell</i> , 2019, 36, 512-527.e9.	7.7	44
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14281	Identification of novel Nrf2 target genes as prognostic biomarkers in colitis-associated colorectal cancer in Nrf2-deficient mice. <i>Life Sciences</i> , 2019, 238, 116968.	2.0	14
14282	Sex-specific metabolic functions of adipose Lipocalin-2. <i>Molecular Metabolism</i> , 2019, 30, 30-47.	3.0	41
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14289	Generation of qualified clinical-grade functional hepatocytes from human embryonic stem cells in chemically defined conditions. <i>Cell Death and Disease</i> , 2019, 10, 763.	2.7	20
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14297	Single-cell RNA-seq analysis of Mesp1-induced skeletal myogenic development. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 284-290.	1.0	5
14298	Proteomic and N-Terminomic TAILS Analyses of Human Alveolar Bone Proteins: Improved Protein Extraction Methodology and LysargiNase Digestion Strategies Increase Proteome Coverage and Missing Protein Identification. <i>Journal of Proteome Research</i> , 2019, 18, 4167-4179.	1.8	21
14299	Flavanol-rich lychee fruit extract substantially reduces progressive cognitive and molecular deficits in a triple-transgenic animal model of Alzheimer disease. <i>Nutritional Neuroscience</i> , 2019, 24, 1-15.	1.5	5
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14303	N-cadherin stabilises neural identity by dampening anti-neural signals. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	17
14304	A TBR1-K228E Mutation Induces Tbr1 Upregulation, Altered Cortical Distribution of Interneurons, Increased Inhibitory Synaptic Transmission, and Autistic-Like Behavioral Deficits in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 241.	1.4	25
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14314	Genetic factors define CPO and CLO subtypes of nonsyndromic orofacial cleft. <i>PLoS Genetics</i> , 2019, 15, e1008357.	1.5	70
14315	Novel Y-Chromosome Long Non-Coding RNAs Expressed in Human Male CNS During Early Development. <i>Frontiers in Genetics</i> , 2019, 10, 891.	1.1	8
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14317	Cardiac and Skeletal Muscle Transcriptome Response to Heat Stress in Kenyan Chicken Ecotypes Adapted to Low and High Altitudes Reveal Differences in Thermal Tolerance and Stress Response. <i>Frontiers in Genetics</i> , 2019, 10, 993.	1.1	27
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14322	Oncogenic splicing abnormalities induced by DEAD $\alpha$ Box Helicase 56 amplification in colorectal cancer. <i>Cancer Science</i> , 2019, 110, 3132-3144.	1.7	61
14323	Robust kernel canonical correlation analysis to detect gene-gene co-associations: A case study in genetics. <i>Journal of Bioinformatics and Computational Biology</i> , 2019, 17, 1950028.	0.3	2
14324	GLTSCR1 Negatively Regulates BRD4-Dependent Transcription Elongation and Inhibits CRC Metastasis. <i>Advanced Science</i> , 2019, 6, 1901114.	5.6	14
14325	Epigenetic signatures in overgrowth syndromes: Translational opportunities. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2019, 181, 491-501.	0.7	10
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14327	TNPO2 operates downstream of DYNC111 and promotes gastric cancer cell proliferation and inhibits apoptosis. <i>Cancer Medicine</i> , 2019, 8, 7299-7312.	1.3	11
14328	Immune regulatory molecules as modifiers of semen and fertility: A review. <i>Molecular Reproduction and Development</i> , 2019, 86, 1485-1504.	1.0	45
14329	Systematic and site-specific analysis of N-glycoproteins on the cell surface by integrating bioorthogonal chemistry and MS-based proteomics. <i>Methods in Enzymology</i> , 2019, 626, 223-247.	0.4	6
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14344	Genome-Wide Analysis of the Nucleosome Landscape in Individuals with Coffin-Siris Syndrome. <i>Cytogenetic and Genome Research</i> , 2019, 159, 1-11.	0.6	5
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14347	An in-depth multi-omics analysis in RLE-6TN rat alveolar epithelial cells allows for nanomaterial categorization. <i>Particle and Fibre Toxicology</i> , 2019, 16, 38.	2.8	26
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14350	Germline variants associated with leukocyte genes predict tumor recurrence in breast cancer patients. <i>Npj Precision Oncology</i> , 2019, 3, 28.	2.3	19
14351	Phenotypical microRNA screen reveals a noncanonical role of CDK2 in regulating neutrophil migration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18561-18570.	3.3	39
14352	Early life stress alters transcriptomic patterning across reward circuitry in male and female mice. <i>Nature Communications</i> , 2019, 10, 5098.	5.8	136
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14794	Genome-wide scan reveals genetic divergence and diverse adaptive selection in Chinese local cattle. <i>BMC Genomics</i> , 2019, 20, 494.	1.2	34
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14807	Single-cell technologies in reproductive immunology. <i>American Journal of Reproductive Immunology</i> , 2019, 82, e13157.	1.2	9
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14811	Characterization of Protein Profiling and mRNA Expression of LLC Exosomes. <i>Protein Journal</i> , 2019, 38, 586-597.	0.7	5
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14875	Weighted gene coexpression network analysis reveals hub genes involved in cholangiocarcinoma progression and prognosis. <i>Hepatology Research</i> , 2019, 49, 1195-1206.	1.8	37
14876	Pentosan Polysulfate Demonstrates Anti-human T-Cell Leukemia Virus Type 1 Activities<i>In Vitro</i>and<i>In Vivo</i>. <i>Journal of Virology</i> , 2019, 93, .	1.5	8
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15058	Human Macrophages Clear the Biovar Microtus Strain of <i>Yersinia pestis</i> More Efficiently Than Murine Macrophages. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 111.	1.8	2
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15067	Muscle Gene Sets: a versatile methodological aid to functional genomics in the neuromuscular field. <i>Skeletal Muscle</i> , 2019, 9, 10.	1.9	8
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15079	RNA Sequencing Analyses of Gene Expression during Epstein-Barr Virus Infection of Primary B Lymphocytes. <i>Journal of Virology</i> , 2019, 93, .	1.5	71
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15085	Identification of key genes and pathways for Alzheimer's disease via combined analysis of genome-wide expression profiling in the hippocampus. <i>Biophysics Reports</i> , 2019, 5, 98-109.	0.2	30
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15091	Integrating transcriptome-wide association study and mRNA expression profiling identifies novel genes associated with bone mineral density. <i>Osteoporosis International</i> , 2019, 30, 1521-1528.	1.3	13
15092	Overlapping Activities of Two Neuronal Splicing Factors Switch the GABA Effect from Excitatory to Inhibitory by Regulating REST. <i>Cell Reports</i> , 2019, 27, 860-871.e8.	2.9	28
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15128	The Chemoattractant Receptor Ebi2 Drives Intranodal Naive CD4+ T Cell Peripheralization to Promote Effective Adaptive Immunity. <i>Immunity</i> , 2019, 50, 1188-1201.e6.	6.6	80
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15134	Topological and functional comparison of community detection algorithms in biological networks. <i>BMC Bioinformatics</i> , 2019, 20, 212.	1.2	41
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15173	Hepatic DNA methylation and expression profiles under prenatal restricted diet in three generations of female rat fetuses. <i>PLoS ONE</i> , 2019, 14, e0215471.	1.1	5
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15186	Selection signatures in four German warmblood horse breeds: Tracing breeding history in the modern sport horse. <i>PLoS ONE</i> , 2019, 14, e0215913.	1.1	41
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15192	Analysis of pharmacological mechanisms and targets mining of Wuzi-Yanzong-Wan for treating non-obstructive oligoasthenospermia. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108898.	2.5	9
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15200	RNA-seq analysis of LPS-induced transcriptional changes and its possible implications for the adrenal gland dysregulation during sepsis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 191, 105360.	1.2	14
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15206	Characterization of porcine extraembryonic endoderm cells. <i>Cell Proliferation</i> , 2019, 52, e12591.	2.4	14
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15210	Nuclear actin interactome analysis links actin to KAT14 histone acetyl transferase and mRNA splicing. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	38
15211	Transcriptomic Analysis of Porcine Endometrium during Implantation after In Vitro Stimulation by Adiponectin. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1335.	1.8	14
15212	Systematic investigation of the mechanism of <i>Cichorium glandulosum</i> on type 2 diabetes mellitus accompanied with non-alcoholic fatty liver rats. <i>Food and Function</i> , 2019, 10, 2450-2460.	2.1	13
15213	Identification of potential biomarkers related to glioma survival by gene expression profile analysis. <i>BMC Medical Genomics</i> , 2019, 11, 34.	0.7	49
15214	Combining Rapid Data Independent Acquisition and CRISPR Gene Deletion for Studying Potential Protein Functions: A Case of HMG1. <i>Proteomics</i> , 2019, 19, e1800438.	1.3	31
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15217	Hypoxia-Regulated miRNAs in Human Mesenchymal Stem Cells: Exploring the Regulatory Effects in Ischemic Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1340.	1.8	2
15218	Host-directed kinase inhibitors act as novel therapies against intracellular <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2019, 9, 4876.	1.6	20
15219	Comparative sequence analysis of patient-matched primary colorectal cancer, metastatic, and recurrent metastatic tumors after adjuvant FOLFOX chemotherapy. <i>BMC Cancer</i> , 2019, 19, 255.	1.1	16
15220	Analyzing the 3D chromatin organization coordinating with gene expression regulation in B-cell lymphoma. <i>BMC Medical Genomics</i> , 2019, 11, 127.	0.7	13
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15222	Discovery of therapeutic agents for prostate cancer using genome-scale metabolic modeling and drug repositioning. <i>EBioMedicine</i> , 2019, 42, 386-396.	2.7	69
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15225	Gene expression profiles of gill provide insights into the aerial respiration capacity of the Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Aquaculture</i> , 2019, 506, 148-153.	1.7	8
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17440	Follistatin-like 1 (FSTL1) is a prognostic biomarker and correlated with immune cell infiltration in gastric cancer. <i>World Journal of Surgical Oncology</i> , 2020, 18, 324.	0.8	13
17441	Systematic Analysis of Expression Profiles and Prognostic Significance for FAM83 Family in Non-small-Cell Lung Cancer. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 572406.	1.6	13
17442	Inhibition of miR-152 during In Vitro Maturation Enhances the Developmental Potential of Porcine Embryos. <i>Animals</i> , 2020, 10, 2289.	1.0	1
17443	Impact of AHR Ligand TCDD on Human Embryonic Stem Cells and Early Differentiation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9052.	1.8	4
17444	Proteomic Study Identifies Glycolytic and Inflammation Pathways Involved in Recurrent Otitis Media. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9291.	1.8	3
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17446	Extended transcriptome analysis reveals genome-wide lncRNA-mediated epigenetic dysregulation in colorectal cancer. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 3507-3517.	1.9	2
17447	Primary effusion lymphoma enhancer connectome links super-enhancers to dependency factors. <i>Nature Communications</i> , 2020, 11, 6318.	5.8	21
17448	Humanized <i>Drosophila</i> Model of the Meier-Gorlin Syndrome Reveals Conserved and Divergent Features of the Orc6 Protein. <i>Genetics</i> , 2020, 216, 995-1007.	1.2	5
17449	Redoxâ€“Oligomeric State of Peroxiredoxin-2 and Glyceraldehyde-3-Phosphate Dehydrogenase in Obstructive Sleep Apnea Red Blood Cells under Positive Airway Pressure Therapy. <i>Antioxidants</i> , 2020, 9, 1184.	2.2	4
17450	Proteomics reveals the preliminary physiological states of the spotted seal ( <i>Phoca largha</i> ) pups. <i>Scientific Reports</i> , 2020, 10, 18727.	1.6	6
17451	An in-silico method leads to recognition of hub genes and crucial pathways in survival of patients with breast cancer. <i>Scientific Reports</i> , 2020, 10, 18770.	1.6	18
17452	A Novel Four-Gene Signature Associated With Immune Checkpoint for Predicting Prognosis in Lower-Grade Glioma. <i>Frontiers in Oncology</i> , 2020, 10, 605737.	1.3	13
17453	TMEA: A Thermodynamically Motivated Framework for Functional Characterization of Biological Responses to System Acclimation. <i>Entropy</i> , 2020, 22, 1030.	1.1	5
17454	<i>Campylobacter jejuni</i> Cas9 Modulates the Transcriptome in Caco-2 Intestinal Epithelial Cells. <i>Genes</i> , 2020, 11, 1193.	1.0	12
17455	DNA Methylation Associated With Diabetic Kidney Disease in Blood-Derived DNA. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 561907.	1.8	19
17456	Multi-Omics Analysis Detects Novel Prognostic Subgroups of Breast Cancer. <i>Frontiers in Genetics</i> , 2020, 11, 574661.	1.1	18

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17458	Screening and identification of key genes and pathways in metastatic uveal melanoma based on gene expression using bioinformatic analysis. <i>Medicine (United States)</i> , 2020, 99, e22974.	0.4	6
17459	Epigenome-wide association study for pesticide (Permethrin and DEET) induced DNA methylation epimutation biomarkers for specific transgenerational disease. <i>Environmental Health</i> , 2020, 19, 109.	1.7	13
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17464	Identification of Prognosis-Related Genes in Bladder Cancer Microenvironment across TCGA Database. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	9
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17470	A First Glimpse of the Mexican Fruit Fly <i>Anastrepha ludens</i> (Diptera: Tephritidae) Antenna Morphology and Proteome in Response to a Proteinaceous Attractant. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8086.	1.8	9
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17476	Microbiota-Derived Short-Chain Fatty Acids Promote LAMTOR2-Mediated Immune Responses in Macrophages. <i>MSystems</i> , 2020, 5, .	1.7	40
17477	Glycolytic overload-driven dysfunction of periodontal ligament fibroblasts in high glucose concentration, corrected by glyoxalase 1 inducer. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001458.	1.2	19
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17496	Effect of duck hepatitis A virus genotype 3 infection on glucose metabolism of Pekin ducklings and underlying mechanism. <i>Gene</i> , 2020, 748, 144710.	1.0	7
17497	Identification of Novel Key Targets and Candidate Drugs in Oral Squamous Cell Carcinoma. <i>Current Bioinformatics</i> , 2020, 15, 328-337.	0.7	18
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17503	Genome-wide identification and characterisation of long non-coding RNAs in two Chinese cattle breeds. <i>Italian Journal of Animal Science</i> , 2020, 19, 383-391.	0.8	5
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17513	Peritoneal Fluid Cytokines Reveal New Insights of Endometriosis Subphenotypes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3515.	1.8	37
17514	Molecular subtyping reveals immune alterations in <i>IDH</i> wild-type lower-grade diffuse glioma. <i>Journal of Pathology</i> , 2020, 251, 272-283.	2.1	42
17515	Identification of Human Secretome and Membrane Proteome-Based Cancer Biomarkers Utilizing Bioinformatics. <i>Journal of Membrane Biology</i> , 2020, 253, 257-270.	1.0	4
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17527	Live-cell screening platform using human-induced pluripotent stem cells expressing fluorescence-tagged cytochrome P450 1A1. <i>FASEB Journal</i> , 2020, 34, 9141-9155.	0.2	4
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17530	Emerging views of genome organization in Archaea. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	14
17531	Genes and Proteomes Associated With Increased Mutation Frequency and Multidrug Resistance of Naturally Occurring Mismatch Repair-Deficient Salmonella Hypermutators. <i>Frontiers in Microbiology</i> , 2020, 11, 770.	1.5	5
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17537	A potential prognostic model based on miRNA expression profile in The Cancer Genome Atlas for bladder cancer patients. <i>Journal of Biological Research</i> , 2020, 27, 6.	2.2	3
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17566	TASL is the SLC15A4-associated adaptor for IRF5 activation by TLR7. <i>Nature</i> , 2020, 581, 316-322.	13.7	117
17567	Proteomics-Based Approach Identifies Altered ER Domain Properties by ALS-Linked VAPB Mutation. <i>Scientific Reports</i> , 2020, 10, 7610.	1.6	17
17568	The NMDA receptor subunit GluN3A regulates synaptic activity-induced and myocyte enhancer factor 2C (MEF2C)-dependent transcription. <i>Journal of Biological Chemistry</i> , 2020, 295, 8613-8627.	1.6	13
17569	The Change of Interleukin-6 Level-Related Genes and Pathways Induced by Exercise in Sedentary Individuals. <i>Journal of Interferon and Cytokine Research</i> , 2020, 40, 236-244.	0.5	4
17570	Lower oxygen consumption and Complex I activity in mitochondria isolated from skeletal muscle of fetal sheep with intrauterine growth restriction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E67-E80.	1.8	29
17571	Chromosomal instability in untreated primary prostate cancer as an indicator of metastatic potential. <i>BMC Cancer</i> , 2020, 20, 398.	1.1	13
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17578	Discovery of Widespread Host Protein Interactions with the Pre-replicated Genome of CHIKV Using VIR-CLASP. <i>Molecular Cell</i> , 2020, 78, 624-640.e7.	4.5	64
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17581	Proteomic Profiling of Plasma and Brain Tissue from Alzheimer's Disease Patients Reveals Candidate Network of Plasma Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 349-368.	1.2	31
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17842	miR-1323 Promotes Cell Migration in Lung Adenocarcinoma by Targeting Cbl-b and Is an Early Prognostic Biomarker. <i>Frontiers in Oncology</i> , 2020, 10, 181.	1.3	18
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17853	MicroRNA-mRNA networks define translatable molecular outcome phenotypes in osteosarcoma. <i>Scientific Reports</i> , 2020, 10, 4409.	1.6	9
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17867	Identification of region-specific astrocyte subtypes at single cell resolution. <i>Nature Communications</i> , 2020, 11, 1220.	5.8	444
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17869	Identification of the key genes and pathways involved in the tumorigenesis and prognosis of kidney renal clear cell carcinoma. <i>Scientific Reports</i> , 2020, 10, 4271.	1.6	44
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17871	Oligodendrocyte dysfunction due to <i>Chd8</i> mutation gives rise to behavioral deficits in mice. <i>Human Molecular Genetics</i> , 2020, 29, 1274-1291.	1.4	36
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18259	Foodâ€“Borne Exposure of Juvenile Rainbow Trout ( <i>Oncorhynchus mykiss</i> ) to Benzotriazole Ultraviolet Stabilizers Alone and in Mixture Induces Specific Transcriptional Changes. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 852-862.	2.2	11
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18267	12-h clock regulation of genetic information flow by XBP1s. <i>PLoS Biology</i> , 2020, 18, e3000580.	2.6	46
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18272	Bifunctional Magnetic Supramolecular-Organic Framework: A Nanoprobe for Simultaneous Enrichment of Glycosylated and Phosphorylated Peptides. <i>Analytical Chemistry</i> , 2020, 92, 2680-2689.	3.2	76
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18299	Environmental cues regulate epigenetic reprogramming of airway-resident memory CD8+ T cells. <i>Nature Immunology</i> , 2020, 21, 309-320.	7.0	72
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18308	Genome-wide transcriptional response of papain-like cysteine protease-mediated resistance against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> in rice. <i>Plant Cell Reports</i> , 2020, 39, 457-472.	2.8	19
18309	MicroRNA and heme oxygenase-1 in allergic disease. <i>International Immunopharmacology</i> , 2020, 80, 106132.	1.7	8
18310	White matter structure and myelin-related gene expression alterations with experience in adult rats. <i>Progress in Neurobiology</i> , 2020, 187, 101770.	2.8	30
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19123	Comprehensive Analysis of Expression Regulation for RNA m6A Regulators With Clinical Significance in Human Cancers. <i>Frontiers in Oncology</i> , 2021, 11, 624395.	1.3	14
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19560	Hybrid Cuckoo Search with Clonal Selection for Triclustering Gene Expression Data of Breast Cancer. <i>IETE Journal of Research</i> , 2023, 69, 2328-2336.	1.8	7
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19627	An Integrated Genomic, Proteomic, and Immunopeptidomic Approach to Discover Treatment-Induced Neoantigens. <i>Frontiers in Immunology</i> , 2021, 12, 662443.	2.2	22
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19745	Urine proteome changes in a chronic unpredictable mild stress (CUMS) mouse model of major depressive disorder. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 199, 114064.	1.4	4
19746	The Nero Lucano Pig Breed: Recovery and Variability. <i>Animals</i> , 2021, 11, 1331.	1.0	6
19748	Quantitative Proteomic Analysis Revealed Broad Roles of <i>N<sup>6</sup>-Methyladenosine</i> in Heat Shock Response. <i>Journal of Proteome Research</i> , 2021, 20, 3611-3620.	1.8	4
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19753	Single Cell RNA-Seq Analysis Identifies Differentially Expressed Genes of Treg Cell in Early Treatment-Naive Rheumatoid Arthritis By Arsenic Trioxide. <i>Frontiers in Pharmacology</i> , 2021, 12, 656124.	1.6	2
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19755	Evaluation of RNA quality and functional transcriptome of beef longissimus thoracis over time post-mortem. <i>PLoS ONE</i> , 2021, 16, e0251868.	1.1	4
19756	Bioinformatics analysis and identification of genes and molecular pathways in steroid-induced osteonecrosis of the femoral head. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 327.	0.9	10
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19766	Phase 1 trial of nelfinavir added to standard cisplatin chemotherapy with concurrent pelvic radiation for locally advanced cervical cancer. <i>Cancer</i> , 2021, 127, 2279-2293.	2.0	9
19767	Gestational sleep apnea perturbations induce metabolic disorders by divergent epigenomic regulation. <i>Epigenomics</i> , 2021, 13, 751-765.	1.0	1
19768	Therapeutic and prophylactic effects of macrophage-derived small extracellular vesicles in the attenuation of inflammatory pain. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 210-224.	2.0	14
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19770	MRPL15 is a novel prognostic biomarker and therapeutic target for epithelial ovarian cancer. <i>Cancer Medicine</i> , 2021, 10, 3655-3673.	1.3	27
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19773	Cytotoxicity and growth-inhibiting activity of Astragalus polysaccharides against breast cancer via the regulation of EGFR and ANXA1. <i>Journal of Natural Medicines</i> , 2021, 75, 854-870.	1.1	6
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19775	Bile acid-activated macrophages promote biliary epithelial cell proliferation through integrin $\alpha 6$ upregulation following liver injury. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	46
19776	Study on the Mechanism of the Danggui-Chuanxiong Herb Pair on Treating Thrombus through Network Pharmacology and Zebrafish Models. <i>ACS Omega</i> , 2021, 6, 14677-14691.	1.6	13
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20050	Traditional Chinese medicine Bu-Shen-Jian-Pi-Fang attenuates glycolysis and immune escape in clear cell renal cell carcinoma: results based on network pharmacology. <i>Bioscience Reports</i> , 2021, 41, .	1.1	14
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20104	Identification and Expression Analysis of miR160 and Their Target Genes in Cucumber. <i>Biochemical Genetics</i> , 2022, 60, 127-152.	0.8	6
20105	Mass cytometry and transcriptomic profiling reveal body-wide pathology induced by <i>Loxl1</i> deficiency. <i>Cell Proliferation</i> , 2021, 54, e13077.	2.4	4
20106	Parallel proteomic and phosphoproteomic analyses reveal cellobiose-dependent regulation of lignocellulase secretion in the filamentous fungus <i>Neurospora crassa</i> . <i>GCB Bioenergy</i> , 2021, 13, 1372-1387.	2.5	3

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20111	Sublayer- and cell-type-specific neurodegenerative transcriptional trajectories in hippocampal sclerosis. <i>Cell Reports</i> , 2021, 35, 109229.	2.9	20
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20113	Functional genomics of GPR126 in airway smooth muscle and bronchial epithelial cells. <i>FASEB Journal</i> , 2021, 35, e21300.	0.2	7
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20120	Integrated bioinformatics analysis and screening of hub genes in papillary thyroid carcinoma. <i>PLoS ONE</i> , 2021, 16, e0251962.	1.1	3
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20160	Ischemic heart injury leads to HIF1-dependent differential splicing of CaMK2 $\beta$ . <i>Scientific Reports</i> , 2021, 11, 13116.	1.6	10
20161	Equilibrative nucleoside transporter 1 inhibition rescues energy dysfunction and pathology in a model of tauopathy. <i>Acta Neuropathologica Communications</i> , 2021, 9, 112.	2.4	8
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20166	A comparative genomic database of skeletogenesis genes: from fish to mammals. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 38, 100796.	0.4	2
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20212	Genome-wide analysis of retinal transcriptome reveals common genetic network underlying perception of contrast and optical defocus detection. <i>BMC Medical Genomics</i> , 2021, 14, 153.	0.7	8
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20214	Plasma Proteomics of Renal Function: A Transethnic Meta-Analysis and Mendelian Randomization Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1747-1763.	3.0	16
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20221	Missing Nurse Beesâ€œEarly Transcriptomic Switch From Nurse Bee to Forager Induced by Sublethal Imidacloprid. <i>Frontiers in Genetics</i> , 2021, 12, 665927.	1.1	2
20222	Decreased MEF2A Expression Regulated by Its Enhancer Methylation Inhibits Autophagy and May Play an Important Role in the Progression of Alzheimerâ€™s Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 682247.	1.4	9
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20225	CXCL2/10/12/14 are prognostic biomarkers and correlated with immune infiltration in hepatocellular carcinoma. <i>Bioscience Reports</i> , 2021, 41, .	1.1	19
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20229	Dynamic Host Immune and Transcriptomic Responses to Respiratory Syncytial Virus Infection in a Vaccination-Challenge Mouse Model. <i>Virologica Sinica</i> , 2021, 36, 1327-1340.	1.2	3
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20231	Identification of genes predicting unfavorable prognosis in hepatitis B virus-associated hepatocellular carcinoma. <i>Annals of Translational Medicine</i> , 2021, 9, 975-975.	0.7	5
20232	Identification of novel hub genes associated with gastric cancer using integrated bioinformatics analysis. <i>BMC Cancer</i> , 2021, 21, 697.	1.1	18
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20237	Oncogenic KRAS creates an aspartate metabolism signature in colorectal cancer cells. <i>FEBS Journal</i> , 2021, 288, 6683-6699.	2.2	7
20238	Analysis of long intergenic non-coding RNAs transcriptomic profiling in skeletal muscle growth during porcine embryonicÂdevelopment. <i>Scientific Reports</i> , 2021, 11, 15240.	1.6	2
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20243	Divalent Metal Transporter 1 Knock-Down Modulates IL-1 $\beta$ Mediated Pancreatic Beta-Cell Pro-Apoptotic Signaling Pathways through the Autophagic Machinery. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8013.	1.8	4
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20250	Characterization of local and peripheral immune system in pregnant and nonpregnant ewes. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	5
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20252	Skeletal muscle proteomes reveal downregulation of mitochondrial proteins in transition from prediabetes into type 2 diabetes. <i>IScience</i> , 2021, 24, 102712.	1.9	20
20253	Exploring Differentially Methylated Genes in Vulvar Squamous Cell Carcinoma. <i>Cancers</i> , 2021, 13, 3580.	1.7	4
20254	Integrated Quantitative Phosphoproteomics and Cell-Based Functional Screening Reveals Specific Pathological Cardiac Hypertrophy-Related Phosphorylation Sites. <i>Molecules and Cells</i> , 2021, 44, 500-516.	1.0	4
20255	Associations of individual and joint expressions of ERCC6 and ERCC8 with clinicopathological parameters and prognosis of gastric cancer. <i>PeerJ</i> , 2021, 9, e11791.	0.9	2
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20258	<sc><i>CARMN</i></sc> NOTCH2</sc> fusion transcript drives high <sc>NOTCH2</sc> expression in glomus tumors of the upper digestive tract. <i>Genes Chromosomes and Cancer</i> , 2021, 60, 723-732.	1.5	11
20259	Transcriptomic diversity in longissimus thoracis muscles of Barbari and Changthangi goat breeds of India. <i>Genomics</i> , 2021, 113, 1639-1646.	1.3	10
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20261	Differential expression of <sc>microRNAs</sc> in the developing avian auditory hindbrain. <i>Journal of Comparative Neurology</i> , 2021, 529, 3477-3496.	0.9	2
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20273	The Impacts of Surgery and Intracerebral Electrodes in C57BL/6J Mouse Kainate Model of Epileptogenesis: Seizure Threshold, Proteomics, and Cytokine Profiles. <i>Frontiers in Neurology</i> , 2021, 12, 625017.	1.1	8
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20302	Intestinal MYC modulates obesity-related metabolic dysfunction. <i>Nature Metabolism</i> , 2021, 3, 923-939.	5.1	27
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20326	Prognostic Prediction, Immune Microenvironment, and Drug Resistance Value of Collagen Type I Alpha 1 Chain: From Gastrointestinal Cancers to Pan-Cancer Analysis. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 692120.	1.6	6
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20329	Defining candidate mRNA and protein EV biomarkers to discriminate ccRCC and pRCC from non-malignant renal cells in vitro. <i>Medical Oncology</i> , 2021, 38, 105.	1.2	5
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20331	Human Placental Trophoblasts Infected by <i>Listeria monocytogenes</i> Undergo a Pro-Inflammatory Switch Associated With Poor Pregnancy Outcomes. <i>Frontiers in Immunology</i> , 2021, 12, 709466.	2.2	17
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20364	Genome Instability-Derived Genes Are Novel Prognostic Biomarkers for Triple-Negative Breast Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 701073.	1.8	7
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20372	Disruption of NIPBL/Sccl in Cornelia de Lange Syndrome provokes cohesin genome-wide redistribution with an impact in the transcriptome. <i>Nature Communications</i> , 2021, 12, 4551.	5.8	20
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20384	Global identification of phospho-dependent SCF substrates reveals a FBXO22 phosphodegron and an ERK-FBXO22-BAG3 axis in tumorigenesis. <i>Cell Death and Differentiation</i> , 2022, 29, 1-13.	5.0	22

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20388	Aurora kinase A (AURKA) promotes the progression and imatinib resistance of advanced gastrointestinal stromal tumors. <i>Cancer Cell International</i> , 2021, 21, 407.	1.8	2
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20397	IL-15 and PIM kinases direct the metabolic programming of intestinal intraepithelial lymphocytes. <i>Nature Communications</i> , 2021, 12, 4290.	5.8	8
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20400	OMICs, Epigenetics, and Genome Editing Techniques for Food and Nutritional Security. <i>Plants</i> , 2021, 10, 1423.	1.6	15
20401	Application across species of a one health approach to liquid sample handling for respiratory based -omics analysis. <i>Scientific Reports</i> , 2021, 11, 14292.	1.6	3
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20403	Common features of aging fail to occur in <i>Drosophila</i> raised without a bacterial microbiome. <i>iScience</i> , 2021, 24, 102703.	1.9	21
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20415	Essential role of a ThPOK autoregulatory loop in the maintenance of mature CD4+ T cell identity and function. <i>Nature Immunology</i> , 2021, 22, 969-982.	7.0	13
20417	Prognostic signatures associated with high infiltration of Tregs in bone metastatic prostate cancer. <i>Aging</i> , 2021, 13, 17442-17461.	1.4	7
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20737	Identification of metabolism-associated molecular subtype in ovarian cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 9617-9626.	1.6	9
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21040	FAK regulates IL-33 expression by controlling chromatin accessibility at c-Jun motifs. <i>Scientific Reports</i> , 2021, 11, 229.	1.6	14
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22493	miR-124 represses the mesenchymal features and suppresses metastasis in Ewing sarcoma. <i>Oncotarget</i> , 2017, 8, 10274-10286.	0.8	23

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22495	A potential prognostic lncRNA signature for predicting survival in patients with bladder urothelial carcinoma. <i>Oncotarget</i> , 2017, 8, 10485-10497.	0.8	39
22496	NFκB disrupts tissue polarity in 3D by preventing integration of microenvironmental signals. <i>Oncotarget</i> , 2013, 4, 2010-2020.	0.8	42
22497	Comprehensive proteome analysis of lysosomes reveals the diverse function of macrophages in immune responses. <i>Oncotarget</i> , 2017, 8, 7420-7440.	0.8	28
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22499	A novel seven-long non-coding RNA signature predicts survival in early stage lung adenocarcinoma. <i>Oncotarget</i> , 2017, 8, 14876-14886.	0.8	17
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22501	Transcriptome analysis reveals non-identical microRNA profiles between arterial and venous plasma. <i>Oncotarget</i> , 2017, 8, 28471-28480.	0.8	19
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22503	Regulatory network of <i>GATA3</i> in pediatric acute lymphoblastic leukemia. <i>Oncotarget</i> , 2017, 8, 36040-36053.	0.8	30
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22508	Personalizing Chinese medicine by integrating molecular features of diseases and herb ingredient information: application to acute myeloid leukemia. <i>Oncotarget</i> , 2017, 8, 43579-43591.	0.8	3
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22510	Analysis of <i>Bos taurus</i> and <i>Sus scrofa</i> X and Y chromosome transcriptome highlights reproductive driver genes. <i>Oncotarget</i> , 2017, 8, 54416-54433.	0.8	6
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22513	Urinary exosomes reveal protein signatures in hypertensive patients with albuminuria. <i>Oncotarget</i> , 2017, 8, 44217-44231.	0.8	33
22514	Increased transcriptional and metabolic capacity for lipid metabolism in the peripheral zone of the prostate may underpin its increased susceptibility to cancer. <i>Oncotarget</i> , 2017, 8, 84902-84916.	0.8	14
22515	Notch signaling regulates metabolic heterogeneity in glioblastoma stem cells. <i>Oncotarget</i> , 2017, 8, 64932-64953.	0.8	58
22516	Long non-coding RNAs could act as vectors for paternal heredity of high fat diet-induced obesity. <i>Oncotarget</i> , 2017, 8, 47876-47889.	0.8	31
22517	Heme-oxygenase-1 implications in cell morphology and the adhesive behavior of prostate cancer cells. <i>Oncotarget</i> , 2014, 5, 4087-4102.	0.8	53
22518	NKL homeobox gene MSX1 acts like a tumor suppressor in NK-cell leukemia. <i>Oncotarget</i> , 2017, 8, 66815-66832.	0.8	15
22519	Identification of two novel biomarkers of rectal carcinoma progression and prognosis via co-expression network analysis. <i>Oncotarget</i> , 2017, 8, 69594-69609.	0.8	27
22520	miR-331-3p and Aurora Kinase inhibitor II co-treatment suppresses prostate cancer tumorigenesis and progression. <i>Oncotarget</i> , 2017, 8, 55116-55134.	0.8	21
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22529	Identification of a p53-repressed gene module in breast cancer cells. <i>Oncotarget</i> , 2017, 8, 55821-55836.	0.8	6

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22532	Downregulation of miR-99a/let-7c/miR-125b miRNA cluster predicts clinical outcome in patients with unresected malignant pleural mesothelioma. <i>Oncotarget</i> , 2017, 8, 68627-68640.	0.8	27
22533	Tsp1 promotes alveolar stem cell proliferation and its down-regulation relates to lung inflammation in intralobar pulmonary sequestration. <i>Oncotarget</i> , 2017, 8, 64867-64877.	0.8	8
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22542	Identification of hub genes related to silicone-induced immune response in rats. <i>Oncotarget</i> , 2017, 8, 99772-99783.	0.8	6
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22545	Integrated analysis of mRNA and miRNA expression profiles in livers of Yimeng black pigs with extreme phenotypes for backfat thickness. <i>Oncotarget</i> , 2017, 8, 114787-114800.	0.8	9
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22551	Identification of novel genes in aging osteoblasts using next-generation sequencing and bioinformatics. <i>Oncotarget</i> , 2017, 8, 113598-113613.	0.8	13
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22554	Highly preserved consensus gene modules in human papilloma virus 16 positive cervical cancer and head and neck cancers. <i>Oncotarget</i> , 2017, 8, 114031-114040.	0.8	2
22555	Epstein-Barr virus BALF3 mediates genomic instability and progressive malignancy in nasopharyngeal carcinoma. <i>Oncotarget</i> , 2014, 5, 8583-8601.	0.8	57
22556	Uncovering genetic and non-genetic biomarkers specific for exudative age-related macular degeneration: significant association of twelve variants. <i>Oncotarget</i> , 2018, 9, 7812-7821.	0.8	33
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22558	Î±-Tocopherol succinate enhances pterostilbene anti-tumor activity in human breast cancer cells <i>in vivo</i> and <i>in vitro</i> . <i>Oncotarget</i> , 2018, 9, 4593-4606.	0.8	23
22559	A long non-coding RNA signature for predicting survival in patients with colorectal cancer. <i>Oncotarget</i> , 2018, 9, 21687-21695.	0.8	11
22560	Proteomic analyses identify prognostic biomarkers for pancreatic ductal adenocarcinoma. <i>Oncotarget</i> , 2018, 9, 9789-9807.	0.8	38
22561	Integrated analysis of fine-needle-aspiration cystic fluid proteome, cancer cell secretome, and public transcriptome datasets for papillary thyroid cancer biomarker discovery. <i>Oncotarget</i> , 2018, 9, 12079-12100.	0.8	23
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22567	Quantitative mass spectrometry analysis reveals a panel of nine proteins as diagnostic markers for colon adenocarcinomas. <i>Oncotarget</i> , 2018, 9, 13530-13544.	0.8	23
22568	Molecular and clinical features of the <i>TP53</i> signature gene expression profile in early-stage breast cancer. <i>Oncotarget</i> , 2018, 9, 14193-14206.	0.8	11
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22570	In silico prediction of targets for anti-angiogenesis and their in vitro evaluation confirm the involvement of SOD3 in angiogenesis. <i>Oncotarget</i> , 2018, 9, 17349-17367.	0.8	1
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22573	Multidimensional analysis of gene expression reveals TGF $\beta$ 11-induced EMT contributes to malignant progression of astrocytomas. <i>Oncotarget</i> , 2014, 5, 12593-12606.	0.8	36
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22575	ER $\pm$ -mediated cell cycle progression is an important requisite for CDK4/6 inhibitor response in HR+ breast cancer. <i>Oncotarget</i> , 2018, 9, 27736-27751.	0.8	11
22576	Transcriptome profiling of anti-m $\mu$ llerian hormone treated preantral/small antral mouse ovary follicles. <i>Oncotarget</i> , 2018, 9, 30253-30267.	0.8	3
22577	A role for BMP-induced homeobox gene <i>MIXL1</i> in acute myelogenous leukemia and identification of type I BMP receptor as a potential target for therapy. <i>Oncotarget</i> , 2014, 5, 12675-12693.	0.8	19
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22581	Oncostatin M is overexpressed in skin squamous-cell carcinoma and promotes tumor progression. <i>Oncotarget</i> , 2018, 9, 36457-36473.	0.8	17
22582	NKL homeobox gene NKX2-2 is aberrantly expressed in Hodgkin lymphoma. <i>Oncotarget</i> , 2018, 9, 37480-37496.	0.8	16
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22585	Comparative RNA-seq analysis reveals dys-regulation of major canonical pathways in ERG-inducible LNCaP cell progression model of prostate cancer. <i>Oncotarget</i> , 2019, 10, 4290-4306.	0.8	5
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22591	Tumor circulating DNA profiling in xenografted mice exposed to intermittent hypoxia. <i>Oncotarget</i> , 2015, 6, 556-569.	0.8	34
22592	NF- $\kappa$ B signaling mediates acquired resistance after PARP inhibition. <i>Oncotarget</i> , 2015, 6, 3825-3839.	0.8	35
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22595	Identification of a microRNA signature associated with risk of distant metastasis in nasopharyngeal carcinoma. <i>Oncotarget</i> , 2015, 6, 4537-4550.	0.8	50
22596	Top2a identifies and provides epigenetic rationale for novel combination therapeutic strategies for aggressive prostate cancer. <i>Oncotarget</i> , 2015, 6, 3136-3146.	0.8	50
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22599	Genome-wide 5-hydroxymethylcytosine modification pattern is a novel epigenetic feature of globozoospermia. <i>Oncotarget</i> , 2015, 6, 6535-6543.	0.8	12
22600	Altered radiation responses of breast cancer cells resistant to hormonal therapy. <i>Oncotarget</i> , 2015, 6, 1678-1694.	0.8	17
22601	<i>In vivo</i> treatment with epigenetic modulating agents induces transcriptional alterations associated with prognosis and immunomodulation in multiple myeloma. <i>Oncotarget</i> , 2015, 6, 3319-3334.	0.8	25

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22604	Prognostic value of a 92-probe signature in breast cancer. <i>Oncotarget</i> , 2015, 6, 15662-15680.	0.8	14
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22608	Transcriptome profiling of esophageal squamous cell carcinoma reveals a long noncoding RNA acting as a tumor suppressor. <i>Oncotarget</i> , 2015, 6, 17065-17080.	0.8	39
22609	Tracking sub-clonal TP53 mutated tumor cells in human metastatic renal cell carcinoma. <i>Oncotarget</i> , 2015, 6, 19279-19289.	0.8	28
22610	YM155, a survivin suppressant, triggers PARP-dependent cell death (parthanatos) and inhibits esophageal squamous-cell carcinoma xenografts in mice. <i>Oncotarget</i> , 2015, 6, 18445-18459.	0.8	34
22611	The prognosis of hepatocellular carcinoma after curative hepatectomy in young patients. <i>Oncotarget</i> , 2015, 6, 18664-18673.	0.8	18
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22617	Stroma derived COL6A3 is a potential prognosis marker of colorectal carcinoma revealed by quantitative proteomics. <i>Oncotarget</i> , 2015, 6, 29929-29946.	0.8	55
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22622	Aberrant expression of homeobox gene SIX1 in Hodgkin lymphoma. <i>Oncotarget</i> , 2015, 6, 40112-40126.	0.8	13
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22624	The novel combination of dual mTOR inhibitor AZD2014 and pan-PIM inhibitor AZD1208 inhibits growth in acute myeloid leukemia via HSF pathway suppression. <i>Oncotarget</i> , 2015, 6, 37930-37947.	0.8	32
22625	Elucidating the cancer-specific genetic alteration spectrum of glioblastoma derived cell lines from whole exome and RNA sequencing. <i>Oncotarget</i> , 2015, 6, 43452-43471.	0.8	62
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22627	<i>ZYG11A</i> serves as an oncogene in non-small cell lung cancer and influences <i>CCNE1</i> expression. <i>Oncotarget</i> , 2016, 7, 8029-8042.	0.8	26
22628	Identifying anti-cancer drug response related genes using an integrative analysis of transcriptomic and genomic variations with cell line-based drug perturbations. <i>Oncotarget</i> , 2016, 7, 9404-9419.	0.8	12
22629	Meta-analysis of the differentially expressed microRNA profiles in nasopharyngeal carcinoma. <i>Oncotarget</i> , 2016, 7, 10513-10521.	0.8	26
22630	ACTP: A webserver for predicting potential targets and relevant pathways of autophagy-modulating compounds. <i>Oncotarget</i> , 2016, 7, 10015-10022.	0.8	16
22631	Non-coding RNA LINC00857 is predictive of poor patient survival and promotes tumor progression via cell cycle regulation in lung cancer. <i>Oncotarget</i> , 2016, 7, 11487-11499.	0.8	51
22632	Construction and analysis of cardiac hypertrophy-associated lncRNA-mRNA network based on competitive endogenous RNA reveal functional lncRNAs in cardiac hypertrophy. <i>Oncotarget</i> , 2016, 7, 10827-10840.	0.8	101
22633	PKC $\delta$ regulates integrin $\alpha$ 3 expression and transformed growth of K-ras dependent lung cancer cells. <i>Oncotarget</i> , 2016, 7, 17905-17919.	0.8	14
22634	Rac1b enhances cell survival through activation of the JNK2/c-JUN/Cyclin-D1 and AKT2/MCL1 pathways. <i>Oncotarget</i> , 2016, 7, 17970-17985.	0.8	22
22635	Identification of a six microRNA signature as a novel potential prognostic biomarker in patients with head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 21579-21590.	0.8	29
22636	Tumor-promoting function and prognostic significance of the RNA-binding protein T-cell intracellular antigen-1 in esophageal squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 17111-17128.	0.8	22
22637	Integrated analysis of long non-coding RNAs in human colorectal cancer. <i>Oncotarget</i> , 2016, 7, 23897-23908.	0.8	33

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22957	MEF2C regulates cortical inhibitory and excitatory synapses and behaviors relevant to neurodevelopmental disorders. <i>ELife</i> , 2016, 5, .	2.8	138
22958	Control of immune ligands by members of a cytomegalovirus gene expansion suppresses natural killer cell activation. <i>ELife</i> , 2017, 6, .	2.8	67
22959	The Hippo pathway effector YAP is an essential regulator of ductal progenitor patterning in the mouse submandibular gland. <i>ELife</i> , 2017, 6, .	2.8	37
22960	SENP8 limits aberrant neddylation of NEDD8 pathway components to promote cullin-RING ubiquitin ligase function. <i>ELife</i> , 2017, 6, .	2.8	33
22961	The interactome of the copper transporter ATP7A belongs to a network of neurodevelopmental and neurodegeneration factors. <i>ELife</i> , 2017, 6, .	2.8	61
22962	A lectin receptor kinase as a potential sensor for extracellular nicotinamide adenine dinucleotide in <i>Arabidopsis thaliana</i> . <i>ELife</i> , 2017, 6, .	2.8	76
22963	Ubiquilin1 promotes antigen-receptor mediated proliferation by eliminating mislocalized mitochondrial proteins. <i>ELife</i> , 2017, 6, .	2.8	37
22964	Global transcriptional analysis identifies a novel role for SOX4 in tumor-induced angiogenesis. <i>ELife</i> , 2018, 7, .	2.8	32
22965	AIRE is a critical spindle-associated protein in embryonic stem cells. <i>ELife</i> , 2017, 6, .	2.8	19
22966	Live-cell mapping of organelle-associated RNAs via proximity biotinylation combined with protein-RNA crosslinking. <i>ELife</i> , 2017, 6, .	2.8	143
22967	Inducible and reversible phenotypes in a novel mouse model of Friedreich's Ataxia. <i>ELife</i> , 2017, 6, .	2.8	64

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22969	Reduced expression of C/EBP $\beta$ -LIP extends health and lifespan in mice. <i>ELife</i> , 2018, 7, .	2.8	23
22970	Striking circadian neuron diversity and cycling of <i>Drosophila</i> alternative splicing. <i>ELife</i> , 2018, 7, .	2.8	24
22971	Human axial progenitors generate trunk neural crest cells in vitro. <i>ELife</i> , 2018, 7, .	2.8	81
22972	TALE factors use two distinct functional modes to control an essential zebrafish gene expression program. <i>ELife</i> , 2018, 7, .	2.8	31
22973	TFAP2 transcription factors are regulators of lipid droplet biogenesis. <i>ELife</i> , 2018, 7, .	2.8	34
22974	Host genetic selection for cold tolerance shapes microbiome composition and modulates its response to temperature. <i>ELife</i> , 2018, 7, .	2.8	113
22975	FBXL19 recruits CDK-Mediator to CpG islands of developmental genes priming them for activation during lineage commitment. <i>ELife</i> , 2018, 7, .	2.8	22
22976	Temporal profiling of redox-dependent heterogeneity in single cells. <i>ELife</i> , 2018, 7, .	2.8	27
22977	Multiple tumor suppressors regulate a HIF-dependent negative feedback loop via ISGF3 in human clear cell renal cancer. <i>ELife</i> , 2018, 7, .	2.8	25
22978	Aurora kinase A localises to mitochondria to control organelle dynamics and energy production. <i>ELife</i> , 2018, 7, .	2.8	63
22979	The RNA interactome of human telomerase RNA reveals a coding-independent role for a histone mRNA in telomere homeostasis. <i>ELife</i> , 2018, 7, .	2.8	15
22980	Functional proteomic atlas of HIV infection in primary human CD4+ T cells. <i>ELife</i> , 2019, 8, .	2.8	34
22981	Stem cells repurpose proliferation to contain a breach in their niche barrier. <i>ELife</i> , 2018, 7, .	2.8	38
22982	Microglial SIRP $\beta$ regulates the emergence of CD11c+ microglia and demyelination damage in white matter. <i>ELife</i> , 2019, 8, .	2.8	39
22983	Determination of host proteins composing the microenvironment of coronavirus replicase complexes by proximity-labeling. <i>ELife</i> , 2019, 8, .	2.8	157
22984	A generally conserved response to hypoxia in iPSC-derived cardiomyocytes from humans and chimpanzees. <i>ELife</i> , 2019, 8, .	2.8	35
22985	Distinct mesoderm migration phenotypes in extra-embryonic and embryonic regions of the early mouse embryo. <i>ELife</i> , 2019, 8, .	2.8	64



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22986	PUMILIO hyperactivity drives premature aging of Norad-deficient mice. <i>ELife</i> , 2019, 8, .	2.8	65
22987	Genetic analysis reveals functions of atypical polyubiquitin chains. <i>ELife</i> , 2018, 7, .	2.8	12
22988	The unfolded protein response and endoplasmic reticulum protein targeting machineries converge on the stress sensor IRE1. <i>ELife</i> , 2018, 7, .	2.8	71
22989	PAX8 regulon in human ovarian cancer links lineage dependency with epigenetic vulnerability to HDAC inhibitors. <i>ELife</i> , 2019, 8, .	2.8	32
22990	Transcriptomic and epigenetic regulation of hair cell regeneration in the mouse utricle and its potentiation by Atoh1. <i>ELife</i> , 2019, 8, .	2.8	46
22991	NHR-14 loss of function couples intestinal iron uptake with innate immunity in <i>C. elegans</i> through PQM-1 signaling. <i>ELife</i> , 2019, 8, .	2.8	22
22992	The transcription factor Hey and nuclear lamins specify and maintain cell identity. <i>ELife</i> , 2019, 8, .	2.8	19
22993	Fetal and trophoblast PI3K p110 $\alpha$ have distinct roles in regulating resource supply to the growing fetus in mice. <i>ELife</i> , 2019, 8, .	2.8	36
22994	Genetic interactions of G-quadruplexes in humans. <i>ELife</i> , 2019, 8, .	2.8	91
22995	Elevating acetyl-CoA levels reduces aspects of brain aging. <i>ELife</i> , 2019, 8, .	2.8	94
22996	Screening identifies small molecules that enhance the maturation of human pluripotent stem cell-derived myotubes. <i>ELife</i> , 2019, 8, .	2.8	45
22997	Siglec1-expressing subcapsular sinus macrophages provide soil for melanoma lymph node metastasis. <i>ELife</i> , 2019, 8, .	2.8	22
22998	Obesity-linked suppression of membrane-bound O-acyltransferase 7 (MBOAT7) drives non-alcoholic fatty liver disease. <i>ELife</i> , 2019, 8, .	2.8	93
22999	Human cytomegalovirus interactome analysis identifies degradation hubs, domain associations and viral protein functions. <i>ELife</i> , 2019, 8, .	2.8	84
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23001	C9orf72 arginine-rich dipeptide repeat proteins disrupt karyopherin-mediated nuclear import. <i>ELife</i> , 2020, 9, .	2.8	91
23002	Phenotypic plasticity as a mechanism of cave colonization and adaptation. <i>ELife</i> , 2020, 9, .	2.8	48
23003	PACT-mediated PKR activation acts as a hyperosmotic stress intensity sensor weakening osmoadaptation and enhancing inflammation. <i>ELife</i> , 2020, 9, .	2.8	21

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23005	FoxO suppresses endoplasmic reticulum stress to inhibit growth of Tsc1-deficient tissues under nutrient restriction. <i>ELife</i> , 2020, 9, .	2.8	5
23006	YAP regulates cell size and growth dynamics via non-cell autonomous mediators. <i>ELife</i> , 2020, 9, .	2.8	28
23007	A single-cell transcriptomic atlas of the adult <i>Drosophila</i> ventral nerve cord. <i>ELife</i> , 2020, 9, .	2.8	104
23008	Fibrillar A $\beta$ triggers microglial proteome alterations and dysfunction in Alzheimer mouse models. <i>ELife</i> , 2020, 9, .	2.8	80
23009	Bmal1 integrates mitochondrial metabolism and macrophage activation. <i>ELife</i> , 2020, 9, .	2.8	74
23010	Single cell transcriptomics identifies a unique adipose lineage cell population that regulates bone marrow environment. <i>ELife</i> , 2020, 9, .	2.8	191
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23013	KDM5A mutations identified in autism spectrum disorder using forward genetics. <i>ELife</i> , 2020, 9, .	2.8	27
23014	IER5, a DNA damage response gene, is required for Notch-mediated induction of squamous cell differentiation. <i>ELife</i> , 2020, 9, .	2.8	13
23015	16p11.2 microdeletion imparts transcriptional alterations in human iPSC-derived models of early neural development. <i>ELife</i> , 2020, 9, .	2.8	30
23016	The host exosome pathway underpins biogenesis of the human cytomegalovirus virion. <i>ELife</i> , 2020, 9, .	2.8	27
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