

RNA in unexpected places: long non-coding RNA function

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Citation Report

#	ARTICLE	IF	CITATIONS
1	LncRBase: An Enriched Resource for lncRNA Information. PLoS ONE, 2014, 9, e108010.	1.1	60
2	The sodium leak channel, NALCN, in health and disease. Frontiers in Cellular Neuroscience, 2014, 8, 132.	1.8	116
3	Bacterial and cellular RNAs at work during <i>Listeria</i> infection. Future Microbiology, 2014, 9, 1025-1037.	1.0	18
4	A long noncoding RNA connects c-Myc to tumor metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18697-18702.	3.3	258
5	Long Non-Coding RNAs: Critical Players in Hepatocellular Carcinoma. International Journal of Molecular Sciences, 2014, 15, 20434-20448.	1.8	46
6	Long ncRNAs expressed during human cytomegalovirus infections. Future Virology, 2014, 9, 587-594.	0.9	1
7	Role of epigenetics in expression of recombinant proteins from mammalian cells. Pharmaceutical Bioprocessing, 2014, 2, 403-419.	0.8	11
8	Long non-coding RNAs as emerging regulators of differentiation, development, and disease. Transcription, 2014, 5, e944014.	1.7	287
9	Reciprocal regulation of PCGEM1 and miR-145 promote proliferation of LNCaP prostate cancer cells. Journal of Experimental and Clinical Cancer Research, 2014, 33, 72.	3.5	57
10	TF2LncRNA: Identifying Common Transcription Factors for a List of lncRNA Genes from CHIP-Seq Data. BioMed Research International, 2014, 2014, 1-5.	0.9	47
11	Noncoding RNAs in vascular inflammation and atherosclerosis. Current Opinion in Lipidology, 2014, 25, 380-386.	1.2	6
12	Extensive localization of long noncoding RNAs to the cytosol and mono- and polyribosomal complexes. Genome Biology, 2014, 15, R6.	13.9	305
13	Long noncoding RNAs during normal and malignant hematopoiesis. International Journal of Hematology, 2014, 99, 531-541.	0.7	42
14	The RBPome: where the brains meet the brawn. Genome Biology, 2014, 15, 402.	13.9	4
15	Stable COT-1 Repeat RNA Is Abundant and Is Associated with Euchromatic Interphase Chromosomes. Cell, 2014, 156, 907-919.	13.5	167
16	Long non-coding RNA MVIH indicates a poor prognosis for non-small cell lung cancer and promotes cell proliferation and invasion. Tumor Biology, 2014, 35, 7587-7594.	0.8	86
17	Noncoding RNA and its associated proteins as regulatory elements of the immune system. Nature Immunology, 2014, 15, 484-491.	7.0	165
18	A global non-coding RNA system modulates fission yeast protein levels in response to stress. Nature Communications, 2014, 5, 3947.	5.8	54

#	ARTICLE	IF	CITATIONS
19	lncRNA Directs Cooperative Epigenetic Regulation Downstream of Chemokine Signals. <i>Cell</i> , 2014, 159, 1110-1125.	13.5	393
20	C-Myc-activated long noncoding RNA CCAT1 promotes colon cancer cell proliferation and invasion. <i>Tumor Biology</i> , 2014, 35, 12181-12188.	0.8	208
21	Efficient in vivo deletion of a large imprinted lncRNA by CRISPR/Cas9. <i>RNA Biology</i> , 2014, 11, 829-835.	1.5	148
22	The Notch driven long non-coding RNA repertoire in T-cell acute lymphoblastic leukemia. <i>Haematologica</i> , 2014, 99, 1808-1816.	1.7	50
23	The Persistent Contributions of RNA to Eukaryotic Gen(om)e Architecture and Cellular Function. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016089-a016089.	2.3	10
24	Genome-Scale CRISPR-Mediated Control of Gene Repression and Activation. <i>Cell</i> , 2014, 159, 647-661.	13.5	2,176
25	Translation of Small Open Reading Frames within Unannotated RNA Transcripts in <i>Saccharomyces cerevisiae</i> . <i>Cell Reports</i> , 2014, 7, 1858-1866.	2.9	150
26	A Novel Wnt Regulatory Axis in Endometrioid Endometrial Cancer. <i>Cancer Research</i> , 2014, 74, 5103-5117.	0.4	114
27	A Conserved Noncoding Sequence Can Function as a Spermatocyte-Specific Enhancer and a Bidirectional Promoter for a Ubiquitously Expressed Gene and a Testis-Specific Long Noncoding RNA. <i>Journal of Molecular Biology</i> , 2014, 426, 3069-3093.	2.0	44
28	lncRNA: A link between RNA and cancer. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 1097-1109.	0.9	889
29	Long Noncoding RNAs in Patients With Acute Myocardial Infarction. <i>Circulation Research</i> , 2014, 115, 668-677.	2.0	441
30	<i>Arabidopsis</i> noncoding RNA mediates control of photomorphogenesis by red light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10359-10364.	3.3	317
31	The emerging role of epigenetics in cardiovascular disease. <i>Therapeutic Advances in Chronic Disease</i> , 2014, 5, 178-187.	1.1	107
32	Long non-coding RNAs in the regulation of the immune response. <i>Trends in Immunology</i> , 2014, 35, 408-419.	2.9	389
33	Volatile evolution of long noncoding RNA repertoires: mechanisms and biological implications. <i>Trends in Genetics</i> , 2014, 30, 439-452.	2.9	235
34	Diverse Gene-Silencing Mechanisms with Distinct Requirements for RNA Polymerase Subunits in <i>Zea mays</i> . <i>Genetics</i> , 2014, 198, 1031-1042.	1.2	23
35	Oligonucleotide Analogues as Modulators of the Expression and Function of Noncoding RNAs (ncRNAs): Emerging Therapeutics Applications. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10220-10240.	2.9	13
36	Functional interactions among microRNAs and long noncoding RNAs. <i>Seminars in Cell and Developmental Biology</i> , 2014, 34, 9-14.	2.3	561

#	ARTICLE	IF	CITATIONS
37	Molecular mechanisms of long ncRNAs in neurological disorders. <i>Frontiers in Genetics</i> , 2014, 5, 48.	1.1	35
38	APADB: a database for alternative polyadenylation and microRNA regulation events. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau076-bau076.	1.4	90
39	Long non-coding RNA regulation of reproduction and development. <i>Molecular Reproduction and Development</i> , 2015, 82, 932-956.	1.0	140
40	A <i>BRCA1</i> -interacting lncRNA regulates homologous recombination. <i>EMBO Reports</i> , 2015, 16, 1520-1534.	2.0	126
41	Long non-coding RNAs in corticogenesis: deciphering the non-coding code of the brain. <i>EMBO Journal</i> , 2015, 34, 2865-2884.	3.5	71
42	Long noncoding RNA FER1L4 suppresses cancer cell growth by acting as a competing endogenous RNA and regulating PTEN expression. <i>Scientific Reports</i> , 2015, 5, 13445.	1.6	138
43	Clinical value of lncRNA MALAT1 as a prognostic marker in human cancer: systematic review and meta-analysis. <i>BMJ Open</i> , 2015, 5, e008653.	0.8	108
44	Distinct Expression of Long Non-Coding RNAs in an Alzheimer's Disease Model. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 837-849.	1.2	55
45	Histone H3 lysine 9 trimethylation is required for suppressing the expression of an embryonically activated retrotransposon in <i>Xenopus laevis</i> . <i>Scientific Reports</i> , 2015, 5, 14236.	1.6	8
46	Regulatory RNA at the root of animals: dynamic expression of developmental lincRNAs in the calcisponge <i>Sycon ciliatum</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151746.	1.2	16
47	Long non-coding RNA ANRIL is upregulated in hepatocellular carcinoma and regulates cell proliferation by epigenetic silencing of KLF2. <i>Journal of Hematology and Oncology</i> , 2015, 8, 57.	6.9	122
48	Identification and validation of potential prognostic lncRNA biomarkers for predicting survival in patients with multiple myeloma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2015, 34, 102.	3.5	207
49	Noncoding RNAs, post-transcriptional RNA operons and Chinese hamster ovary cells. <i>Pharmaceutical Bioprocessing</i> , 2015, 3, 227-247.	0.8	15
51	Long non-coding RNA uc.217 regulates neurite outgrowth in dorsal root ganglion neurons following peripheral nerve injury. <i>European Journal of Neuroscience</i> , 2015, 42, 1718-1725.	1.2	55
52	Noncoding RNA control of cellular senescence. <i>Wiley Interdisciplinary Reviews RNA</i> , 2015, 6, 615-629.	3.2	71
53	Deletion of chromosome 8q22.1, a critical region for Nablus mask-like facial syndrome: Four additional cases support a role of genetic modifiers in the manifestation of the phenotype. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 1400-1405.	0.7	7
54	Long Non-Coding RNAs: The Key Players in Glioma Pathogenesis. <i>Cancers</i> , 2015, 7, 1406-1424.	1.7	77
55	MYC-repressed long noncoding RNAs antagonize MYC-induced cell proliferation and cell cycle progression. <i>Oncotarget</i> , 2015, 6, 18780-18789.	0.8	53

#	ARTICLE	IF	CITATIONS
56	The lncRNA H19 promotes epithelial to mesenchymal transition by functioning as miRNA sponges in colorectal cancer. <i>Oncotarget</i> , 2015, 6, 22513-22525.	0.8	533
57	Non-Coding RNAs in Castration-Resistant Prostate Cancer: Regulation of Androgen Receptor Signaling and Cancer Metabolism. <i>International Journal of Molecular Sciences</i> , 2015, 16, 28943-28978.	1.8	41
58	The Role of MicroRNAs in Kidney Disease. <i>Non-coding RNA</i> , 2015, 1, 192-221.	1.3	23
59	Emerging roles of long non-coding RNA in root developmental plasticity and regulation of phosphate homeostasis. <i>Frontiers in Plant Science</i> , 2015, 6, 400.	1.7	35
60	Determination of in vivo target search kinetics of regulatory noncoding RNA. <i>Science</i> , 2015, 347, 1371-1374.	6.0	115
61	snoRNAs are a novel class of biologically relevant Myc targets. <i>BMC Biology</i> , 2015, 13, 25.	1.7	45
62	A cluster of noncoding RNAs activates the ESR1 locus during breast cancer adaptation. <i>Nature Communications</i> , 2015, 6, 6966.	5.8	60
63	Histone Recognition. , 2015, , .		2
64	Non-coding RNA in neural function, disease, and aging. <i>Frontiers in Genetics</i> , 2015, 6, 87.	1.1	78
65	Non-coding RNAs: Epigenetic regulators of bone development and homeostasis. <i>Bone</i> , 2015, 81, 746-756.	1.4	93
66	A-to-I RNA Editing: Current Knowledge Sources and Computational Approaches with Special Emphasis on Non-Coding RNA Molecules. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 37.	2.0	47
67	LncRNA BCAR4 wires up signaling transduction in breast cancer. <i>RNA Biology</i> , 2015, 12, 681-689.	1.5	72
68	Retrotransposons shape species-specific embryonic stem cell gene expression. <i>Retrovirology</i> , 2015, 12, 45.	0.9	73
69	Long noncoding RNAs in development and cancer: potential biomarkers and therapeutic targets. <i>Molecular and Cellular Therapies</i> , 2015, 3, 5.	0.2	230
70	Long Noncoding RNA ANRIL Promotes Non-Cell Lung Cancer Cell Proliferation and Inhibits Apoptosis by Silencing KLF2 and P21 Expression. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 268-277.	1.9	344
71	Human Long Noncoding RNAs Are Substantially Less Folded than Messenger RNAs. <i>Molecular Biology and Evolution</i> , 2015, 32, 970-977.	3.5	32
72	The biology of castration-resistant prostate cancer. <i>Current Problems in Cancer</i> , 2015, 39, 17-28.	1.0	22
73	Exon-intron circular RNAs regulate transcription in the nucleus. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 256-264.	3.6	2,330

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74	Unraveling the therapeutic potential of the lncRNA-dependent noncanonical Hedgehog pathway in cancer. <i>Molecular and Cellular Oncology</i> , 2015, 2, e998900.	0.3	7
75	Profiling the diversity of innate lymphoid cells. <i>Nature Immunology</i> , 2015, 16, 222-224.	7.0	9
76	LincRNA signatures in human lymphocytes. <i>Nature Immunology</i> , 2015, 16, 220-222.	7.0	7
77	Highly Sensitive and Robust Linear Probe for Detection of mRNA in Cells. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4315-4319.	7.2	30
78	Junk DNA and the long non-coding RNA twist in cancer genetics. <i>Oncogene</i> , 2015, 34, 5003-5011.	2.6	293
79	Noncoding RNAs in diabetes vascular complications. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 89, 42-50.	0.9	61
80	Noncoding Oligonucleotides: The Belle of the Ball in Gene Therapy. <i>Advances in Genetics</i> , 2015, 89, 153-177.	0.8	4
81	Mechanisms of Evolutionary Innovation Point to Genetic Control Logic as the Key Difference Between Prokaryotes and Eukaryotes. <i>Journal of Molecular Evolution</i> , 2015, 81, 34-53.	0.8	13
82	Discovery, Annotation, and Functional Analysis of Long Noncoding RNAs Controlling Cell-Cycle Gene Expression and Proliferation in Breast Cancer Cells. <i>Molecular Cell</i> , 2015, 59, 698-711.	4.5	179
83	The striatal long noncoding RNA Abhd11os is neuroprotective against an N-terminal fragment of mutant huntingtin in vivo. <i>Neurobiology of Aging</i> , 2015, 36, 1601.e7-1601.e16.	1.5	34
84	PRUNE2 is a human prostate cancer suppressor regulated by the intronic long noncoding RNA <i>PCA3</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8403-8408.	3.3	226
86	Protein-RNA and protein-glycan recognitions in light of amino acid codes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 1942-1952.	1.1	4
87	Global analysis of biogenesis, stability and sub-cellular localization of lncRNAs mapping to intragenic regions of the human genome. <i>RNA Biology</i> , 2015, 12, 877-892.	1.5	59
88	The Role of Long Non-coding RNAs in Abiotic Stress Tolerance in Plants. , 2015, , 93-106.		5
89	<i>Evf2</i> lncRNA/BRG1/DLX1 interactions reveal RNA-dependent chromatin remodeling inhibition. <i>Development (Cambridge)</i> , 2015, 142, 2641-52.	1.2	84
90	RNA Structures as Mediators of Neurological Diseases and as Drug Targets. <i>Neuron</i> , 2015, 87, 28-46.	3.8	105
91	Transcriptome sequencing uncovers novel long noncoding and small nucleolar RNAs dysregulated in head and neck squamous cell carcinoma. <i>Rna</i> , 2015, 21, 1122-1134.	1.6	74
92	Long noncoding <i>sRNA</i> s and their proposed functions in fibre development of cotton (<i>Gossypium</i> spp.). <i>New Phytologist</i> , 2015, 207, 1181-1197.	3.5	160

#	ARTICLE	IF	CITATIONS
93	Integrative transcriptome-wide analyses reveal critical HER2-regulated mRNAs and lincRNAs in HER2+ breast cancer. <i>Breast Cancer Research and Treatment</i> , 2015, 150, 321-334.	1.1	15
94	Epigenetics of the failing heart. <i>Heart Failure Reviews</i> , 2015, 20, 435-459.	1.7	16
95	Inferring dynamic gene regulatory networks in cardiac differentiation through the integration of multi-dimensional data. <i>BMC Bioinformatics</i> , 2015, 16, 74.	1.2	20
96	Identification of novel long non-coding RNAs in clear cell renal cell carcinoma. <i>Clinical Epigenetics</i> , 2015, 7, 10.	1.8	77
97	Applications of Cas9 as an RNA-programmed RNA-binding protein. <i>BioEssays</i> , 2015, 37, 732-739.	1.2	33
98	MicroRNA (miRNA) in cancer. <i>Cancer Cell International</i> , 2015, 15, 38.	1.8	478
99	Dysregulation of long non-coding RNAs in mouse models of localization-related epilepsy. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 433-440.	1.0	59
100	Structural and thermodynamic basis of interaction of the putative anticancer agent chelerythrine with single, double and triple-stranded RNAs. <i>RSC Advances</i> , 2015, 5, 29953-29964.	1.7	17
101	lncRNASNP: a database of SNPs in lncRNAs and their potential functions in human and mouse. <i>Nucleic Acids Research</i> , 2015, 43, D181-D186.	6.5	204
103	Quantitative Proteomics Analysis Reveals Novel Insights into Mechanisms of Action of Long Noncoding RNA Hox Transcript Antisense Intergenic RNA (HOTAIR) in HeLa Cells*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1447-1463.	2.5	44
104	The Long Noncoding RNA lncTCF7 Promotes Self-Renewal of Human Liver Cancer Stem Cells through Activation of Wnt Signaling. <i>Cell Stem Cell</i> , 2015, 16, 413-425.	5.2	529
105	IFN- γ production by plasmacytoid dendritic cell associations with polymorphisms in gene loci related to autoimmune and inflammatory diseases. <i>Human Molecular Genetics</i> , 2015, 24, 3571-3581.	1.4	33
106	Functional Characterization of Long Noncoding RNA Lnc_bc060912 in Human Lung Carcinoma Cells. <i>Biochemistry</i> , 2015, 54, 2895-2902.	1.2	29
107	Epigenetics and Cardiovascular Disease in Diabetes. <i>Current Diabetes Reports</i> , 2015, 15, 108.	1.7	32
108	HTLV-1 bZIP Factor RNA and Protein Impart Distinct Functions on T-cell Proliferation and Survival. <i>Cancer Research</i> , 2015, 75, 4143-4152.	0.4	75
109	TRIP through the chromatin: A high throughput exploration of enhancer regulatory landscapes. <i>Genomics</i> , 2015, 106, 171-177.	1.3	1
110	Methylarginine Recognition by Tudor Domains. , 2015, , 125-147.		3
112	Prediction of interactions between lncRNA and protein by using relevance search in a heterogeneous lncRNA-protein network. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
113	Long noncoding RNAs and carcinogenesis. , 2015, , 291-312.		0
114	Down regulation of lncSCIR1 after spinal cord contusion injury in rat. Brain Research, 2015, 1624, 314-320.	1.1	34
115	Genetics meets epigenetics: Genetic variants that modulate noncoding RNA in cardiovascular diseases. Journal of Molecular and Cellular Cardiology, 2015, 89, 27-34.	0.9	28
116	LINC00472 expression is regulated by promoter methylation and associated with disease-free survival in patients with grade 2 breast cancer. Breast Cancer Research and Treatment, 2015, 154, 473-482.	1.1	57
117	Epitranscriptional regulation of cardiovascular development and disease. Journal of Physiology, 2015, 593, 1799-1808.	1.3	15
118	Role of epigenetic mechanisms in epithelial-to-mesenchymal transition of breast cancer cells. Translational Research, 2015, 165, 126-142.	2.2	37
119	Identification of cancer-related lncRNAs through integrating genome, regulome and transcriptome features. Molecular BioSystems, 2015, 11, 126-136.	2.9	109
120	Effect of Temperature towards RNA Concentration: Quantitative Investigation with Spectrophotometer. Journal Kedokteran Indonesia, 2016, 4, .	0.0	1
121	Hybrid Cells Derived from Human Breast Cancer Cells and Human Breast Epithelial Cells Exhibit Differential TLR4 and TLR9 Signaling. International Journal of Molecular Sciences, 2016, 17, 726.	1.8	3
122	lncRNAs in Stem Cells. Stem Cells International, 2016, 2016, 1-8.	1.2	43
123	Role of Non-Coding RNAs in the Transgenerational Epigenetic Transmission of the Effects of Reprotoxicants. International Journal of Molecular Sciences, 2016, 17, 452.	1.8	33
124	A Long Noncoding RNA ZEB1-AS1 Promotes Tumorigenesis and Predicts Poor Prognosis in Glioma. International Journal of Molecular Sciences, 2016, 17, 1431.	1.8	84
125	Microarray Expression Profiling of Long Non-Coding RNAs Involved in Nasopharyngeal Carcinoma Metastasis. International Journal of Molecular Sciences, 2016, 17, 1956.	1.8	31
126	Structure Prediction of RNA Loops with a Probabilistic Approach. PLoS Computational Biology, 2016, 12, e1005032.	1.5	27
127	Downregulated Expression of Long Non-Coding RNA LOC101926975 Impairs both Cell Proliferation and Cell Cycle and Its Clinical Implication in Hirschsprung Disease Patients. International Journal of Medical Sciences, 2016, 13, 292-297.	1.1	10
128	Silencing of Long Non-Coding RNA MALAT1 Promotes Apoptosis of Glioma Cells. Journal of Korean Medical Science, 2016, 31, 688.	1.1	48
129	cAMP/CREB-regulated LINC00473 marks LKB1-inactivated lung cancer and mediates tumor growth. Journal of Clinical Investigation, 2016, 126, 2267-2279.	3.9	170
130	Identification and characterization of lncRNA mediated transcriptional dysregulation dictates lncRNA roles in glioblastoma. Oncotarget, 2016, 7, 45027-45041.	0.8	48

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131	A pan-cancer analysis of <i>MYC-PVT1</i> reveals CNV-unmediated deregulation and poor prognosis in renal carcinoma. <i>Oncotarget</i> , 2016, 7, 47033-47041.	0.8	31
132	LncRNA-MEG3 inhibits cell proliferation of endometrial carcinoma by repressing Notch signaling. <i>Biomedicine and Pharmacotherapy</i> , 2016, 82, 589-594.	2.5	88
133	Relevance search for predicting lncRNA-protein interactions based on heterogeneous network. <i>Neurocomputing</i> , 2016, 206, 81-88.	3.5	20
134	LncRNA FER1L4 suppresses cancer cell proliferation and cycle by regulating PTEN expression in endometrial carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 507-512.	1.0	65
135	Noncoding RNAs in Regulation of Cancer Metabolic Reprogramming. <i>Advances in Experimental Medicine and Biology</i> , 2016, 927, 191-215.	0.8	29
136	The Long and Short Non-coding RNAs in Cancer Biology. <i>Advances in Experimental Medicine and Biology</i> , 2016, , .	0.8	4
137	Long non-coding RNAs in cancer drug resistance development. <i>DNA Repair</i> , 2016, 45, 25-33.	1.3	109
138	Human <i>TUBG2</i> gene is expressed as two splice variant mRNA and involved in cell growth. <i>FEBS Letters</i> , 2016, 590, 1053-1063.	1.3	9
139	LncPRESS1 Is a p53-Regulated LncRNA that Safeguards Pluripotency by Disrupting SIRT6-Mediated De-acetylation of Histone H3K56. <i>Molecular Cell</i> , 2016, 64, 967-981.	4.5	176
140	Extra-coding RNAs regulate neuronal DNA methylation dynamics. <i>Nature Communications</i> , 2016, 7, 12091.	5.8	57
141	Long non-coding RNA expression profile in vulvar squamous cell carcinoma and its clinical significance. <i>Oncology Reports</i> , 2016, 36, 2571-2578.	1.2	19
142	lncRNA-SNHG7 promotes the proliferation, migration and invasion and inhibits apoptosis of lung cancer cells by enhancing the FAIM2 expression. <i>Oncology Reports</i> , 2016, 36, 2673-2680.	1.2	92
143	Transcriptomics. , 2016, , 160-165.		15
144	Serum stress responsive gene EhsLncRNA of <i>Entamoeba histolytica</i> is a novel long noncoding RNA. <i>Scientific Reports</i> , 2016, 6, 27476.	1.6	18
145	The long noncoding RNA ASNR regulates degradation of Bcl-2 mRNA through its interaction with AUF1. <i>Scientific Reports</i> , 2016, 6, 32189.	1.6	15
146	Long non-coding RNA ATB promotes glioma malignancy by negatively regulating miR-200a. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 90.	3.5	111
147	ZFAS1: a long noncoding RNA associated with ribosomes in breast cancer cells. <i>Biology Direct</i> , 2016, 11, 62.	1.9	71
148	A Mechanistic Study of LncRNA Fendrr Regulation of FoxF1 Lung Cancer Tumor Suppressor. <i>Lecture Notes in Computer Science</i> , 2016, , 781-789.	1.0	3

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149	Expression Profile of Long Non-Coding RNAs in Serum of Patients with Multiple Sclerosis. <i>Journal of Molecular Neuroscience</i> , 2016, 59, 18-23.	1.1	104
150	The interplay between lncRNAs, SNPs, and protein complexes - what does it mean for cancer metabolism?. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1166308.	0.3	3
151	Long non-coding RNAs as novel therapeutic targets in cancer. <i>Pharmacological Research</i> , 2016, 110, 131-138.	3.1	71
152	The lncRNA SLNCR1 Mediates Melanoma Invasion through a Conserved SRA1-like Region. <i>Cell Reports</i> , 2016, 15, 2025-2037.	2.9	97
153	The Ribonucleic Complex HuR-MALAT1 Represses CD133 Expression and Suppresses Epithelial-Mesenchymal Transition in Breast Cancer. <i>Cancer Research</i> , 2016, 76, 2626-2636.	0.4	113
154	Aberrant expression of long noncoding RNA TMEVPG1 in patients with primary immune thrombocytopenia. <i>Autoimmunity</i> , 2016, 49, 496-502.	1.2	20
155	Functional diversity of long non-coding RNAs in immune regulation. <i>Genes and Diseases</i> , 2016, 3, 72-81.	1.5	77
156	Long Noncoding RNA PICSAR Promotes Growth of Cutaneous Squamous Cell Carcinoma by Regulating ERK1/2 Activity. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1701-1710.	0.3	61
157	Smooth Muscle Enriched Long Noncoding RNA (<i>SMILR</i>) Regulates Cell Proliferation. <i>Circulation</i> , 2016, 133, 2050-2065.	1.6	182
158	Epigenetics: A New Model for Intracellular Parasite-Host Cell Regulation. <i>Trends in Parasitology</i> , 2016, 32, 515-521.	1.5	53
159	What Is New in Genetics and Genomics?. , 2016, , 703-712.		0
160	Long Non-coding RNAs in the Cytoplasm. <i>Genomics, Proteomics and Bioinformatics</i> , 2016, 14, 73-80.	3.0	300
161	Fine-tuning autophagy: from transcriptional to posttranslational regulation. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C351-C362.	2.1	33
162	The function of homeobox genes and lncRNAs in cancer. <i>Oncology Letters</i> , 2016, 12, 1635-1641.	0.8	38
163	A G-Rich Motif in the lncRNA Braveheart Interacts with a Zinc-Finger Transcription Factor to Specify the Cardiovascular Lineage. <i>Molecular Cell</i> , 2016, 64, 37-50.	4.5	133
164	Transcription-coupled changes to chromatin underpin gene silencing by transcriptional interference. <i>Nucleic Acids Research</i> , 2016, 44, 10619-10630.	6.5	29
165	lncRNA expression in the auditory forebrain during postnatal development. <i>Gene</i> , 2016, 593, 201-216.	1.0	18
166	How Likely Are We? Evolution of Organismal Complexity. , 2016, , 255-272.		2

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167	Challenges of CRISPR/Cas9 applications for long non-coding RNA genes. <i>Nucleic Acids Research</i> , 2017, 45, gkw883.	6.5	138
168	High glucose prevents osteogenic differentiation of mesenchymal stem cells via lncRNA AK028326/CXCL13 pathway. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 544-551.	2.5	40
169	Mitochondrial heteroplasmy in vertebrates using ChIP-sequencing data. <i>Genome Biology</i> , 2016, 17, 139.	3.8	17
170	RNA-seq analysis identifies key long non-coding RNAs connected to the pathogenesis of alcohol-associated head and neck squamous cell carcinoma. <i>Oncology Letters</i> , 2016, 12, 2846-2853.	0.8	19
172	Noncoding RNA: Current Deep Sequencing Data Analysis Approaches and Challenges. <i>Human Mutation</i> , 2016, 37, 1283-1298.	1.1	74
173	lncRNAs regulate the innate immune response to viral infection. <i>Wiley Interdisciplinary Reviews RNA</i> , 2016, 7, 129-143.	3.2	92
174	Over-expression of long noncoding RNA BANCR inhibits malignant phenotypes of human bladder cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 125.	3.5	64
175	AFAP1 is upregulated and promotes esophageal squamous cell carcinoma cell proliferation and inhibits cell apoptosis. <i>Cancer Medicine</i> , 2016, 5, 2879-2885.	1.3	74
176	Non-coding RNAs in Development and Disease: Background, Mechanisms, and Therapeutic Approaches. <i>Physiological Reviews</i> , 2016, 96, 1297-1325.	13.1	1,426
177	RNA polymerase II promoter-proximal pausing in mammalian long non-coding genes. <i>Genomics</i> , 2016, 108, 64-77.	1.3	44
178	Modulation of long noncoding RNAs by risk SNPs underlying genetic predispositions to prostate cancer. <i>Nature Genetics</i> , 2016, 48, 1142-1150.	9.4	196
179	HOTAIR, a long non-coding RNA driver of malignancy whose expression is activated by FOXC1, negatively regulates miRNA-1 in hepatocellular carcinoma. <i>Oncology Letters</i> , 2016, 12, 4061-4067.	0.8	54
180	Epigenetics: Chromatin Organization and Function. <i>Cardiac and Vascular Biology</i> , 2016, , 1-35.	0.2	0
181	Applications of integrative OMICs approaches to gene regulation studies. <i>Quantitative Biology</i> , 2016, 4, 283-301.	0.3	6
182	RNCR3 knockdown inhibits diabetes mellitus-induced retinal reactive gliosis. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 198-203.	1.0	37
183	Integrative Transcriptome Analyses of Metabolic Responses in Mice Define Pivotal lncRNA Metabolic Regulators. <i>Cell Metabolism</i> , 2016, 24, 627-639.	7.2	107
184	miR-148b-3p inhibits malignant biological behaviors of human glioma cells induced by high HOTAIR expression. <i>Oncology Letters</i> , 2016, 12, 879-886.	0.8	45
185	Long non-coding RNA LINC01133 inhibits epithelial-mesenchymal transition and metastasis in colorectal cancer by interacting with SRSF6. <i>Cancer Letters</i> , 2016, 380, 476-484.	3.2	168

#	ARTICLE	IF	CITATIONS
186	Long Non-coding RNAs and Their Roles in Non-small-cell Lung Cancer. <i>Genomics, Proteomics and Bioinformatics</i> , 2016, 14, 280-288.	3.0	100
187	Unraveling the oral cancer lncRNAome: Identification of novel lncRNAs associated with malignant progression and HPV infection. <i>Oral Oncology</i> , 2016, 59, 58-66.	0.8	77
188	Snail-activated long non-coding RNA PCA3 up-regulates PRKD3 expression by miR-1261 sponging, thereby promotes invasion and migration of prostate cancer cells. <i>Tumor Biology</i> , 2016, 37, 16163-16176.	0.8	42
189	Identification of lncRNA functions in lung cancer based on associated protein-protein interaction modules. <i>Scientific Reports</i> , 2016, 6, 35939.	1.6	18
190	Global and cell-type specific properties of lincRNAs with ribosome occupancy. <i>Nucleic Acids Research</i> , 2017, 45, gkw909.	6.5	38
191	A genomic screen for long noncoding RNA genes epigenetically silenced by aberrant DNA methylation in colorectal cancer. <i>Scientific Reports</i> , 2016, 6, 26699.	1.6	34
192	Identification of long non-coding RNAs involved in neuronal development and intellectual disability. <i>Scientific Reports</i> , 2016, 6, 28396.	1.6	41
193	Long noncoding RNA NRON contributes to HIV-1 latency by specifically inducing tat protein degradation. <i>Nature Communications</i> , 2016, 7, 11730.	5.8	134
194	Downregulation of the long noncoding RNA GAS5-AS1 contributes to tumor metastasis in non-small cell lung cancer. <i>Scientific Reports</i> , 2016, 6, 31093.	1.6	102
195	The Role of Non-coding RNA in the Control of Vascular Contractility and Disease. , 2016, , 239-262.		0
196	IRNdb: the database of immunologically relevant non-coding RNAs. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw138.	1.4	12
197	Functional elucidation of the non-coding RNAs of <i>Kluyveromyces marxianus</i> in the exponential growth phase. <i>BMC Genomics</i> , 2016, 17, 154.	1.2	2
198	Long non-coding RNAs and complex diseases: from experimental results to computational models. <i>Briefings in Bioinformatics</i> , 2017, 18, bbw060.	3.2	477
199	Long non-coding RNA MINCR promotes gallbladder cancer progression through stimulating EZH2 expression. <i>Cancer Letters</i> , 2016, 380, 122-133.	3.2	53
200	Environmental Health and Long Non-coding RNAs. <i>Current Environmental Health Reports</i> , 2016, 3, 178-187.	3.2	82
201	Long non-coding RNAs display higher natural expression variation than protein-coding genes in healthy humans. <i>Genome Biology</i> , 2016, 17, 14.	3.8	129
202	Fragment-based modelling of single stranded RNA bound to RNA recognition motif containing proteins. <i>Nucleic Acids Research</i> , 2016, 44, 4565-4580.	6.5	20
203	The long intergenic non-coding RNA CCR492 functions as a let-7 competitive endogenous RNA to regulate c-Myc expression. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 1322-1332.	0.9	21

#	ARTICLE	IF	CITATIONS
204	JAK-STAT signaling in cancer: From cytokines to non-coding genome. <i>Cytokine</i> , 2016, 87, 26-36.	1.4	186
205	Revealing proteinâ€“lncRNA interaction. <i>Briefings in Bioinformatics</i> , 2016, 17, 106-116.	3.2	536
206	Genomic landscapes of endogenous retroviruses unveil intricate genetics of conventional and genetically-engineered laboratory mouse strains. <i>Experimental and Molecular Pathology</i> , 2016, 100, 248-256.	0.9	1
207	The tumour hypoxia induced non-coding transcriptome. <i>Molecular Aspects of Medicine</i> , 2016, 47-48, 35-53.	2.7	96
208	Long non-coding RNA DILC regulates liver cancer stem cells via IL-6/STAT3 axis. <i>Journal of Hepatology</i> , 2016, 64, 1283-1294.	1.8	255
209	Long non-coding RNA AK027294 involves in the process of proliferation, migration, and apoptosis of colorectal cancer cells. <i>Tumor Biology</i> , 2016, 37, 10097-10105.	0.8	18
210	Micro-RNAs in cognition and cognitive disorders: Potential for novel biomarkers and therapeutics. <i>Biochemical Pharmacology</i> , 2016, 104, 1-7.	2.0	35
211	A novel long non-coding RNA in the rheumatoid arthritis risk locus TRAF1-C5 influences C5 mRNA levels. <i>Genes and Immunity</i> , 2016, 17, 85-92.	2.2	56
212	Unique features of long non-coding RNA biogenesis and function. <i>Nature Reviews Genetics</i> , 2016, 17, 47-62.	7.7	2,891
213	CANTATAdb: A Collection of Plant Long Non-Coding RNAs. <i>Plant and Cell Physiology</i> , 2016, 57, e8-e8.	1.5	142
214	A functional polymorphism in <i>lnc-LAMC2-1:1</i> confers risk of colorectal cancer by affecting miRNA binding. <i>Carcinogenesis</i> , 2016, 37, 443-451.	1.3	68
215	Understanding Celiac Disease by Genomics. <i>Trends in Genetics</i> , 2016, 32, 295-308.	2.9	78
216	Posttranscriptional and Translational Control of Gene Regulation in CD4+ T Cell Subsets. <i>Journal of Immunology</i> , 2016, 196, 533-540.	0.4	22
217	Mechanisms of Post-transcriptional Gene Regulation. , 2016, , 1-36.		0
218	MicroRNAs: Non-coding fine tuners of receptor tyrosine kinase signalling in cancer. <i>Seminars in Cell and Developmental Biology</i> , 2016, 50, 133-142.	2.3	27
219	Long noncoding RNAs and tumorigenesis: genetic associations, molecular mechanisms, and therapeutic strategies. <i>Tumor Biology</i> , 2016, 37, 163-175.	0.8	97
220	Knockdown of long non-coding RNA MALAT1 increases the bloodâ€“tumor barrier permeability by up-regulating miR-140. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 324-338.	0.9	64
221	Transcriptomics and Gene Regulation. <i>Translational Bioinformatics</i> , 2016, , .	0.0	2

#	ARTICLE	IF	CITATIONS
222	Pervasive lncRNA binding by epigenetic modifying complexes – The challenges ahead. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 93-101.	0.9	20
223	Function and Therapeutic Potential of Noncoding RNAs in Cardiac Fibrosis. <i>Circulation Research</i> , 2016, 118, 108-118.	2.0	92
224	The long non-coding RNA world in yeasts. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 147-154.	0.9	52
225	Long noncoding RNAs in diseases of aging. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 209-221.	0.9	70
226	The link between long noncoding RNAs and depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 73, 73-78.	2.5	76
227	Emerging roles for long noncoding RNAs in skeletal biology and disease. <i>Connective Tissue Research</i> , 2017, 58, 116-141.	1.1	90
228	Mammalian microRNAs and long noncoding RNAs in the host-bacterial pathogen crosstalk. <i>Seminars in Cell and Developmental Biology</i> , 2017, 65, 11-19.	2.3	87
229	Circulating Noncoding RNAs as Biomarkers of Cardiovascular Disease and Injury. <i>Circulation Research</i> , 2017, 120, 381-399.	2.0	319
230	A three-lncRNA signature derived from the Atlas of ncRNA in cancer (TANRIC) database predicts the survival of patients with head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2017, 65, 94-101.	0.8	134
231	Lnc-ing ROR1 – HER3 and Hippo signalling in metastasis. <i>Nature Cell Biology</i> , 2017, 19, 81-83.	4.6	45
232	Magnetic iron oxide nanoparticles accelerate osteogenic differentiation of mesenchymal stem cells via modulation of long noncoding RNA INZEB2. <i>Nano Research</i> , 2017, 10, 626-642.	5.8	71
233	T-ALL and thymocytes: a message of noncoding RNAs. <i>Journal of Hematology and Oncology</i> , 2017, 10, 66.	6.9	24
234	Research Techniques Made Simple: Identification and Characterization of Long Noncoding RNA in Dermatological Research. <i>Journal of Investigative Dermatology</i> , 2017, 137, e21-e26.	0.3	10
235	Circulating microRNAs and extracellular vesicles as potential cancer biomarkers: a systematic review. <i>International Journal of Clinical Oncology</i> , 2017, 22, 413-420.	1.0	90
236	Epigenetics studies of fetal alcohol spectrum disorder: where are we now?. <i>Epigenomics</i> , 2017, 9, 291-311.	1.0	84
237	Review: Regulation of the cancer epigenome by long non-coding RNAs. <i>Cancer Letters</i> , 2017, 407, 106-112.	3.2	88
238	The long non-coding RNA lncFOXO1 suppresses growth of human breast cancer cells through association with BAP1. <i>International Journal of Oncology</i> , 2017, 50, 1663-1670.	1.4	20
239	lncRNA-HIT promotes cell proliferation of non-small cell lung cancer by association with E2F1. <i>Cancer Gene Therapy</i> , 2017, 24, 221-226.	2.2	42

#	ARTICLE	IF	CITATIONS
240	Visualizing the life of mRNA in T cells. <i>Biochemical Society Transactions</i> , 2017, 45, 563-570.	1.6	5
241	A resource for functional profiling of noncoding RNA in the yeast <i>Saccharomyces cerevisiae</i> . <i>Rna</i> , 2017, 23, 1166-1171.	1.6	14
242	The long noncoding RNA SPRIGHTLY acts as an intranuclear organizing hub for pre-mRNA molecules. <i>Science Advances</i> , 2017, 3, e1602505.	4.7	31
243	LncRNA H19 modulates Wnt/β-catenin Signaling by Targeting Dkk4 in Hindlimb Unloaded Rat. <i>Orthopaedic Surgery</i> , 2017, 9, 319-327.	0.7	48
244	Strategies to identify natural antisense transcripts. <i>Biochimie</i> , 2017, 132, 131-151.	1.3	18
245	Long non-coding RNA CASC2 regulates cell biological behaviour through the MAPK signalling pathway in hepatocellular carcinoma. <i>Tumor Biology</i> , 2017, 39, 101042831770622.	0.8	31
247	LncRNA MALAT1 sponges miR-204 to promote osteoblast differentiation of human aortic valve interstitial cells through up-regulating Smad4. <i>International Journal of Cardiology</i> , 2017, 243, 404-412.	0.8	138
248	The Mapping of Predicted Triplex DNA:RNA in the Drosophila Genome Reveals a Prominent Location in Development- and Morphogenesis-Related Genes. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2295-2304.	0.8	8
249	Noncoding RNAs in Depression. <i>Advances in Experimental Medicine and Biology</i> , 2017, 978, 197-210.	0.8	11
250	Long Noncoding RNA CPS1-IT1 Suppresses Cell Proliferation and Metastasis in Human Lung Cancer. <i>Oncology Research</i> , 2017, 25, 373-380.	0.6	30
251	State of the art technologies to explore long non-coding RNAs in cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 3120-3140.	1.6	58
252	Long noncoding RNA CRNDE stabilized by hnRNPUL2 accelerates cell proliferation and migration in colorectal carcinoma via activating Ras/MAPK signaling pathways. <i>Cell Death and Disease</i> , 2017, 8, e2862-e2862.	2.7	78
253	Transcriptional and Post-transcriptional Gene Regulation by Long Non-coding RNA. <i>Genomics, Proteomics and Bioinformatics</i> , 2017, 15, 177-186.	3.0	661
255	A Fluorescent Split Aptamer for Visualizing RNA-RNA Assembly <i>In Vivo</i> . <i>ACS Synthetic Biology</i> , 2017, 6, 1710-1721.	1.9	97
256	A promoter-proximal transcript targeted by genetic polymorphism controls E-cadherin silencing in human cancers. <i>Nature Communications</i> , 2017, 8, 15622.	5.8	26
257	Overexpression of Long Non-coding RNA MEG3 Inhibits Proliferation of Hepatocellular Carcinoma Huh7 Cells via Negative Modulation of miRNA-664. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3713-3721.	1.2	80
259	Profiling of long non-coding RNAs identifies LINC00958 and LINC01296 as candidate oncogenes in bladder cancer. <i>Scientific Reports</i> , 2017, 7, 395.	1.6	117
260	The Evolution and Expression Pattern of Human Overlapping lncRNA and Protein-coding Gene Pairs. <i>Scientific Reports</i> , 2017, 7, 42775.	1.6	29

#	ARTICLE	IF	CITATIONS
262	Regulation of type I interferon signaling in immunity and inflammation: A comprehensive review. <i>Journal of Autoimmunity</i> , 2017, 83, 1-11.	3.0	213
263	Linking deregulation of non-coding RNA to the core pathophysiology of Alzheimer's disease: An integrative review. <i>Progress in Neurobiology</i> , 2017, 156, 1-68.	2.8	112
264	Regulation of BC200 RNA-mediated translation inhibition by hnRNP E1 and E2. <i>FEBS Letters</i> , 2017, 591, 393-405.	1.3	19
265	Integration of Population-Level Genotype Data with Functional Annotation Reveals Over-Representation of Long Noncoding RNAs at Ovarian Cancer Susceptibility Loci. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 116-125.	1.1	6
266	The role of long non-coding RNAs in rheumatic diseases. <i>Nature Reviews Rheumatology</i> , 2017, 13, 657-669.	3.5	65
267	Long non-coding RNAs involved in autophagy regulation. <i>Cell Death and Disease</i> , 2017, 8, e3073-e3073.	2.7	115
268	Assaying RNA Localization <i>in Situ</i> with Spatially Restricted Nucleobase Oxidation. <i>ACS Chemical Biology</i> , 2017, 12, 2709-2714.	1.6	32
269	Human imprinting disorders: Principles, practice, problems and progress. <i>European Journal of Medical Genetics</i> , 2017, 60, 618-626.	0.7	49
270	Long Non Coding RNA Biology. <i>Advances in Experimental Medicine and Biology</i> , 2017, , .	0.8	18
271	A regulated PNUTS mRNA to lncRNA splice switch mediates EMT and tumour progression. <i>Nature Cell Biology</i> , 2017, 19, 1105-1115.	4.6	262
272	Long non-coding RNA NEAT1 contributes to docetaxel resistance of prostate cancer through inducing RET expression by sponging miR-34a. <i>RSC Advances</i> , 2017, 7, 42986-42996.	1.7	11
273	Lnc RNA acts as a micro RNA sponge and promotes gallbladder tumorigenesis. <i>EMBO Reports</i> , 2017, 18, 1837-1853.	2.0	202
274	Emerging mechanisms of long noncoding RNA function during normal and malignant hematopoiesis. <i>Blood</i> , 2017, 130, 1965-1975.	0.6	135
275	Functional prediction of long non-coding RNAs in ovarian cancer-associated fibroblasts indicate a potential role in metastasis. <i>Scientific Reports</i> , 2017, 7, 10374.	1.6	33
276	Beyond mRNA: The role of non-coding RNAs in normal and aberrant hematopoiesis. <i>Molecular Genetics and Metabolism</i> , 2017, 122, 28-38.	0.5	18
277	Genome-wide screen for differentially methylated long noncoding RNAs identifies Esrp2 and lncRNA Esrp2-as regulated by enhancer DNA methylation with prognostic relevance for human breast cancer. <i>Oncogene</i> , 2017, 36, 6446-6461.	2.6	77
278	Long Noncoding RNA: Genome Organization and Mechanism of Action. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1008, 47-74.	0.8	219
279	Alternative splicing shapes transcriptome but not proteome diversity in <i>Physcomitrella patens</i> . <i>Scientific Reports</i> , 2017, 7, 2698.	1.6	17

#	ARTICLE	IF	CITATIONS
280	mRNA and Long Non-coding RNA Expression Profiles in Rats Reveal Inflammatory Features in Sepsis-Associated Encephalopathy. <i>Neurochemical Research</i> , 2017, 42, 3199-3219.	1.6	16
281	Selective loading of exosomal HULC and miR-372 is responsible for chondrocyte death during OA pathogenesis. <i>Animal Cells and Systems</i> , 2017, 21, 397-403.	0.8	17
282	A Novel Y-Specific Long Non-Coding RNA Associated with Cellular Lipid Accumulation in HepG2 cells and Atherosclerosis-related Genes. <i>Scientific Reports</i> , 2017, 7, 16710.	1.6	28
283	Cell Cycle Control by Nuclear Sequestration of CDC20 and CDH1 mRNA in Plant Stem Cells. <i>Molecular Cell</i> , 2017, 68, 1108-1119.e3.	4.5	45
284	The North American bullfrog draft genome provides insight into hormonal regulation of long noncoding RNA. <i>Nature Communications</i> , 2017, 8, 1433.	5.8	86
285	Decoding critical long non-coding RNA in ovarian cancer epithelial-to-mesenchymal transition. <i>Nature Communications</i> , 2017, 8, 1604.	5.8	159
286	LncRna CPS1-IT1 Suppresses Cell Proliferation, Invasion and Metastasis in Colorectal Cancer. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 567-580.	1.1	68
287	Long non-coding RNA expression profile in cytogenetically normal acute myeloid leukemia identifies a distinct signature and a new biomarker in NPM1-mutated patients. <i>Haematologica</i> , 2017, 102, 1718-1726.	1.7	32
288	Discovery of novel long non-coding RNAs induced by subgroup J avian leukosis virus infection in chicken. <i>Developmental and Comparative Immunology</i> , 2017, 76, 292-302.	1.0	14
289	LncRNAs and immunity: watchdogs for host pathogen interactions. <i>Biological Procedures Online</i> , 2017, 19, 3.	1.4	32
290	Identification and characterization of long intergenic noncoding RNAs in bovine mammary glands. <i>BMC Genomics</i> , 2017, 18, 468.	1.2	103
291	Long noncoding RNA-SRLR elicits intrinsic sorafenib resistance via evoking IL-6/STAT3 axis in renal cell carcinoma. <i>Oncogene</i> , 2017, 36, 1965-1977.	2.6	107
292	Long Non-Coding RNAs: A Novel Paradigm for Toxicology. <i>Toxicological Sciences</i> , 2017, 155, 3-21.	1.4	106
293	Molecular mechanisms of innate memory and tolerance to LPS. <i>Journal of Leukocyte Biology</i> , 2017, 101, 107-119.	1.5	293
294	Emerging connections between RNA and autophagy. <i>Autophagy</i> , 2017, 13, 3-23.	4.3	105
295	The epigenetic landscape of renal cancer. <i>Nature Reviews Nephrology</i> , 2017, 13, 47-60.	4.1	99
296	Crucial role of noncoding RNA in driving prostate cancer development and progression. <i>Epigenomics</i> , 2017, 9, 1-3.	1.0	4
297	LincSNP 2.0: an updated database for linking disease-associated SNPs to human long non-coding RNAs and their TFBSs. <i>Nucleic Acids Research</i> , 2017, 45, D74-D78.	6.5	71

#	ARTICLE	IF	CITATIONS
298	The Role of MicroRNA and LncRNA in MicroRNA Interactions in Regulating Ischemic Heart Disease. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2017, 22, 105-111.	1.0	34
299	Association between genetic polymorphisms of long non-coding RNA PRNCR1 and prostate cancer risk in a sample of the Iranian population. <i>Molecular and Clinical Oncology</i> , 2017, 7, 1152-1158.	0.4	16
300	Circulating Long Noncoding RNA HOTAIR is an Essential Mediator of Acute Myocardial Infarction. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 1497-1508.	1.1	129
301	Long non-coding RNA ANRIL promotes the proliferation, migration and invasion of human osteosarcoma cells. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 5121-5125.	0.8	6
302	A new statistical model for genome-scale MicroRNA target prediction. , 2017, , .		1
303	Role of lncRNAs as Novel Biomarkers and Therapeutic Targets in Ovarian Cancer. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2017, 27, 183-195.	0.4	31
304	Ubiquitin-Proteasome-Collagen (CUP) Pathway in Preterm Premature Rupture of Fetal Membranes. <i>Frontiers in Pharmacology</i> , 2017, 8, 310.	1.6	13
305	Seed Biology Updates – Highlights and New Discoveries in Seed Dormancy and Germination Research. <i>Frontiers in Plant Science</i> , 2017, 8, 524.	1.7	102
306	Linc00152 suppresses apoptosis and promotes migration by sponging miR-4767 in vascular endothelial cells. <i>Oncotarget</i> , 2017, 8, 85014-85023.	0.8	22
307	Long Non-coding RNA XIST Promotes Glioma Tumorigenicity and Angiogenesis by Acting as a Molecular Sponge of miR-429. <i>Journal of Cancer</i> , 2017, 8, 4106-4116.	1.2	117
308	Insights into the Function of Long Noncoding RNAs in Sepsis Revealed by Gene Co-Expression Network Analysis. <i>Non-coding RNA</i> , 2017, 3, 5.	1.3	30
309	Epigenetic Landscape during Coronavirus Infection. <i>Pathogens</i> , 2017, 6, 8.	1.2	96
310	Epigenetics of reproductive infertility. <i>Frontiers in Bioscience - Scholar</i> , 2017, 9, 509-535.	0.8	28
311	Noncoding RNA Profiles in Tobacco- and Alcohol-Associated Diseases. <i>Genes</i> , 2017, 8, 6.	1.0	27
312	Inhaled Pollutants: The Molecular Scene behind Respiratory and Systemic Diseases Associated with Ultrafine Particulate Matter. <i>International Journal of Molecular Sciences</i> , 2017, 18, 243.	1.8	122
313	Potentials of Long Noncoding RNAs (lncRNAs) in Sarcoma: From Biomarkers to Therapeutic Targets. <i>International Journal of Molecular Sciences</i> , 2017, 18, 731.	1.8	30
314	A Tox21 Approach to Altered Epigenetic Landscapes: Assessing Epigenetic Toxicity Pathways Leading to Altered Gene Expression and Oncogenic Transformation In Vitro. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1179.	1.8	31
315	Mechanistic Insight into Long Noncoding RNAs and the Placenta. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1371.	1.8	57

#	ARTICLE	IF	CITATIONS
316	Investigation of the Cross-talk Mechanism in Caco-2 Cells during Clostridium difficile Infection through Genetic-and-Epigenetic Interspecies Networks: Big Data Mining and Genome-Wide Identification. <i>Frontiers in Immunology</i> , 2017, 8, 901.	2.2	5
317	MicroRNAs-Dependent Regulation of PPARs in Metabolic Diseases and Cancers. <i>PPAR Research</i> , 2017, 2017, 1-19.	1.1	56
318	Human Long Noncoding RNA Regulation of Stem Cell Potency and Differentiation. <i>Stem Cells International</i> , 2017, 2017, 1-10.	1.2	20
319	Molecular Crosstalking among Noncoding RNAs: A New Network Layer of Genome Regulation in Cancer. <i>International Journal of Genomics</i> , 2017, 2017, 1-17.	0.8	40
320	Regulation of Noncoding Transcriptome in Developing Photoreceptors by Rod Differentiation Factor NRL. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 58, 4422.		19
321	Long non-coding RNAs in B-cell malignancies: a comprehensive overview. <i>Oncotarget</i> , 2017, 8, 60605-60623.	0.8	25
322	Comparative genomic analyses highlight the contribution of pseudogenized protein-coding genes to human lincRNAs. <i>BMC Genomics</i> , 2017, 18, 786.	1.2	17
323	LincRNA-p21 inhibits invasion and metastasis of hepatocellular carcinoma through miR-9/E-cadherin cascade signaling pathway molecular mechanism. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 3241-3247.	1.0	29
324	A Looking-Glass of Non-Coding RNAs in Oral Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2620.	1.8	47
325	Integrative genomic analyses for identification and prioritization of long non-coding RNAs associated with autism. <i>PLoS ONE</i> , 2017, 12, e0178532.	1.1	32
326	EINCR1 is an EGF inducible lincRNA overexpressed in lung adenocarcinomas. <i>PLoS ONE</i> , 2017, 12, e0181902.	1.1	5
327	Termination factor Rho: From the control of pervasive transcription to cell fate determination in <i>Bacillus subtilis</i> . <i>PLoS Genetics</i> , 2017, 13, e1006909.	1.5	56
328	Long non-coding RNA and tumor hypoxia: new players ushered toward an old arena. <i>Journal of Biomedical Science</i> , 2017, 24, 53.	2.6	89
329	Overexpression of lincRNA IGFBP4-1 reprograms energy metabolism to promote lung cancer progression. <i>Molecular Cancer</i> , 2017, 16, 154.	7.9	103
330	The lincRNA BORG Drives Breast Cancer Metastasis and Disease Recurrence. <i>Scientific Reports</i> , 2017, 7, 12698.	1.6	73
331	Long non-coding RNA PAX8-AS1 polymorphisms increase the risk of childhood acute lymphoblastic leukemia. <i>Biomedical Reports</i> , 2018, 8, 184-190.	0.9	13
332	Identification of differentially expressed profiles of lincRNAs and mRNAs in ER-negative and HER-2 positive breast cancer. <i>Archives of Medical Science - Civilization Diseases</i> , 2017, 2, 148-160.	0.1	1
333	RNA-sequencing reveals genome-wide long non-coding RNAs profiling associated with early development of diabetic nephropathy. <i>Oncotarget</i> , 2017, 8, 105832-105847.	0.8	12

#	ARTICLE	IF	CITATIONS
334	The novel long noncoding RNA RP11–357H14.17 acts as an oncogene by promoting cell proliferation and invasion in diffuse-type gastric cancer. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 2635-2643.	1.0	14
335	Long Non-Coding RNAs Regulating Immunity in Insects. <i>Non-coding RNA</i> , 2017, 3, 14.	1.3	26
336	Inhibition of long non-coding RNA UCA1 by CRISPR/Cas9 attenuated malignant phenotypes of bladder cancer. <i>Oncotarget</i> , 2017, 8, 9634-9646.	0.8	82
337	Role of microRNAs in translation regulation and cancer. <i>World Journal of Biological Chemistry</i> , 2017, 8, 45.	1.7	323
338	Recent insights into PERK-dependent signaling from the stressed endoplasmic reticulum. <i>F1000Research</i> , 2017, 6, 1897.	0.8	75
339	Silencing of H19 inhibits the adipogenesis and inflammation response in ox-LDL-treated Raw264.7 cells by up-regulating miR-130b. <i>Molecular Immunology</i> , 2018, 93, 107-114.	1.0	93
340	Improved Analysis of RNA Localization by Spatially Restricted Oxidation of RNAâ€“Protein Complexes. <i>Biochemistry</i> , 2018, 57, 1577-1581.	1.2	36
341	Noncoding RNAs: Stress, Glucocorticoids, and Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2018, 83, 849-865.	0.7	58
342	The development of a sensitive fluorescent protein-based transcript reporter for high throughput screening of negative modulators of lncRNAs. <i>Genes and Diseases</i> , 2018, 5, 62-74.	1.5	18
343	Microarray Analysis of Long Noncoding RNAs in Female Diabetic Peripheral Neuropathy Patients. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 1209-1217.	1.1	23
344	Metastasisâ€“associated lung adenocarcinoma transcript 1 as a common molecular driver in the pathogenesis of nonalcoholic steatohepatitis and chronic immuneâ€“mediated liver damage. <i>Hepatology Communications</i> , 2018, 2, 654-665.	2.0	31
345	Stable miRNA overexpression in human CAP cells: Engineering alternative production systems for advanced manufacturing of biologics using miRâ€“136 and miRâ€“3074. <i>Biotechnology and Bioengineering</i> , 2018, 115, 2027-2038.	1.7	9
346	Long non-coding RNA DILC suppresses cell proliferation and metastasis in colorectal cancer. <i>Gene</i> , 2018, 666, 18-26.	1.0	27
347	Short Communication: Long Noncoding RNA GAS5 Inhibits HIV-1 Replication Through Interaction with miR-873. <i>AIDS Research and Human Retroviruses</i> , 2018, 34, 544-549.	0.5	22
348	<i>Applied RNA Bioscience.</i> , 2018, , .		1
349	Long Noncoding RNAs and Their Applications: Focus on Architectural RNA (arcRNA), a Class of lncRNA. , 2018, , 161-187.		2
350	Regulatory network analysis of high expressed long non-coding RNA LINC00941 in gastric cancer. <i>Gene</i> , 2018, 662, 103-109.	1.0	40
351	Long non-coding RNA LOC100507600 functions as a competitive endogenous RNA to regulate BMI1 expression by sponging miR128-1-3p in Hirschsprung's disease. <i>Cell Cycle</i> , 2018, 17, 459-467.	1.3	26

#	ARTICLE	IF	CITATIONS
352	Dysregulated Pseudogene <i>HK2P1</i> May Contribute to Preeclampsia as a Competing Endogenous RNA for Hexokinase 2 by Impairing Decidualization. <i>Hypertension</i> , 2018, 71, 648-658.	1.3	58
353	Long noncoding RNA hypoxia-inducible factor 1 alpha-antisense RNA 1 promotes tumor necrosis factor- α -induced apoptosis through caspase 3 in Kupffer cells. <i>Medicine (United States)</i> , 2018, 97, e9483.	0.4	18
354	Biologically active constituents of the secretome of human W8B2+ cardiac stem cells. <i>Scientific Reports</i> , 2018, 8, 1579.	1.6	26
355	Long Noncoding RNA lncSHGL Recruits hnRNPA1 to Suppress Hepatic Gluconeogenesis and Lipogenesis. <i>Diabetes</i> , 2018, 67, 581-593.	0.3	82
356	miRNAs regulate the HIF switch during hypoxia: a novel therapeutic target. <i>Angiogenesis</i> , 2018, 21, 183-202.	3.7	192
357	Placental lncRNA Expression Is Associated With Prenatal Phthalate Exposure. <i>Toxicological Sciences</i> , 2018, 163, 116-122.	1.4	31
358	Targetable long non-coding RNAs in cancer treatments. <i>Cancer Letters</i> , 2018, 418, 119-124.	3.2	72
359	A brave new world of RNA-binding proteins. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 327-341.	16.1	1,172
360	HOXD β -AS1/miR-130a sponge regulates glioma development by targeting E2F8. <i>International Journal of Cancer</i> , 2018, 142, 2313-2322.	2.3	55
361	lncRNA NCK1-AS1 promotes proliferation and induces cell cycle progression by crosstalk NCK1-AS1/miR-6857/CDK1 pathway. <i>Cell Death and Disease</i> , 2018, 9, 198.	2.7	53
362	Long non-coding RNA linc00460 promotes epithelial-mesenchymal transition and cell migration in lung cancer cells. <i>Cancer Letters</i> , 2018, 420, 80-90.	3.2	131
363	Crosstalk between the Notch signaling pathway and long non-coding RNAs. <i>Cancer Letters</i> , 2018, 420, 91-96.	3.2	26
364	A large shRNA library approach identifies lncRNA Ntep as an essential regulator of cell proliferation. <i>Cell Death and Differentiation</i> , 2018, 25, 307-318.	5.0	25
365	Interplay between FMRP and lncRNA TUG1 regulates axonal development through mediating SnoN β -Ccd1 pathway. <i>Human Molecular Genetics</i> , 2018, 27, 475-485.	1.4	20
366	Protein complex scaffolding predicted as a prevalent function of long non-coding RNAs. <i>Nucleic Acids Research</i> , 2018, 46, 917-928.	6.5	76
367	Dysregulated long non-coding RNAs in the temporal lobe epilepsy mouse model. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 58, 110-119.	0.9	34
368	Long noncoding RNA LNC473 inhibits the ubiquitination of survivin via association with USP9X and enhances cell proliferation and invasion in hepatocellular carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 702-710.	1.0	52
370	Identifying Interactions Between Long Noncoding RNAs and Diseases Based on Computational Methods. <i>Methods in Molecular Biology</i> , 2018, 1754, 205-221.	0.4	19

#	ARTICLE	IF	CITATIONS
371	Transposons, stress and the functions of the deep genome. <i>Frontiers in Neuroendocrinology</i> , 2018, 49, 170-174.	2.5	15
372	Long noncoding RNA MINCR regulates cellular proliferation, migration, and invasion in hepatocellular carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 102-106.	2.5	16
373	LncRNAs in DNA damage response and repair in cancer cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 433-439.	0.9	49
374	A Bipartite Network and Resource Transfer-Based Approach to Infer lncRNA-Environmental Factor Associations. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018, 15, 753-759.	1.9	8
375	Emerging roles of long non-coding RNAs in plant response to biotic and abiotic stresses. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 93-105.	5.1	100
376	Epigenetics in epilepsy. <i>Neuroscience Letters</i> , 2018, 667, 40-46.	1.0	73
377	Multiple Functions of Long Non-coding RNAs in Oxidative Stress, DNA Damage Response and Cancer Progression. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 223-236.	1.2	82
378	Long non-coding RNA-422 acts as a tumor suppressor in colorectal cancer. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 539-545.	1.0	20
380	Functional RNA during Zika virus infection. <i>Virus Research</i> , 2018, 254, 41-53.	1.1	69
381	Analyzing the LncRNA, miRNA, and mRNA Regulatory Network in Prostate Cancer with Bioinformatics Software. <i>Journal of Computational Biology</i> , 2018, 25, 146-157.	0.8	55
382	Discriminating cirRNAs from other lncRNAs using a hierarchical extreme learning machine (H-ELM) algorithm with feature selection. <i>Molecular Genetics and Genomics</i> , 2018, 293, 137-149.	1.0	65
383	Gene regulation of mammalian long non-coding RNA. <i>Molecular Genetics and Genomics</i> , 2018, 293, 1-15.	1.0	123
384	Nlx2-2as Suppression Contributes to the Pathogenesis of Sonic Hedgehog Medulloblastoma. <i>Cancer Research</i> , 2018, 78, 962-973.	0.4	33
385	Profiling neuron-autonomous lncRNA changes upon ischemia/reperfusion injury. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 104-109.	1.0	13
386	Real-Time Fluorescence Imaging of Single-Molecule Endogenous Noncoding RNA in Living Cells. <i>Methods in Molecular Biology</i> , 2018, 1649, 337-347.	0.4	6
387	Arabidopsis noncoding RNA modulates seedling greening during deetiolation. <i>Science China Life Sciences</i> , 2018, 61, 199-203.	2.3	17
388	Microarray analysis of the expression profile of lncRNAs reveals the key role of lncRNA BC088327 as an agonist to heregulin-induced cell proliferation in peripheral nerve injury. <i>International Journal of Molecular Medicine</i> , 2018, 41, 3477-3484.	1.8	16
389	LncRNA MALAT1 promotes epithelial-to-mesenchymal transition of esophageal cancer through Ezh2-Notch1 signaling pathway. <i>Anti-Cancer Drugs</i> , 2018, 29, 767-773.	0.7	50

#	ARTICLE	IF	CITATIONS
390	Roles of Non-Coding RNAs in Transcriptional Regulation. , 0, , .		14
391	Interactome analysis reveals MALAT1 binding with DBC1â€”authorâ€™s reply. Journal of Thoracic Disease, 2018, 10, S2221-S2222.	0.6	1
392	Long non-coding RNA LOC541471: A novel prognostic biomarker for head and neck squamous cell carcinoma. Oncology Letters, 2018, 17, 2457-2464.	0.8	8
393	Long noncoding RNA UCA1 promotes anaplastic thyroid cancer cell proliferation via miRâ€™135â€™mediated câ€™myc activation. Molecular Medicine Reports, 2018, 18, 3068-3076.	1.1	21
394	Molecular Mechanisms and Biomarkers of Skin Photocarcinogenesis. , 2018, , .		1
395	Post-Transcriptional Control of RNA Expression in Cancer. , 0, , .		2
396	Unveiling the protein coding-independent function of the TET family in gastric cancer. Non-coding RNA Investigation, 0, 2, 17-17.	0.6	3
398	Long non-coding RNA PICSAR decreases adhesion and promotes migration of squamous carcinoma cells by downregulating Î±2Î²1 and Î±5Î²1 integrin expression. Biology Open, 2018, 7, .	0.6	31
399	Transcriptome Analysis of Long Non-Coding RNA in the Bovine Mammary Gland Following Dietary Supplementation with Linseed Oil and Safflower Oil. International Journal of Molecular Sciences, 2018, 19, 3610.	1.8	18
400	Long non-coding RNAs in hematopoietic regulation. Cell Regeneration, 2018, 7, 27-32.	1.1	40
401	RNA3DCNN: Local and global quality assessments of RNA 3D structures using 3D deep convolutional neural networks. PLoS Computational Biology, 2018, 14, e1006514.	1.5	55
402	Coordinate regulation of long non-coding RNAs and protein-coding genes in germ-free mice. BMC Genomics, 2018, 19, 834.	1.2	47
403	A Potential Role for the Noncoding Transcriptome in Psychiatric Disorders. Harvard Review of Psychiatry, 2018, 26, 364-373.	0.9	1
404	GPRC5A: An Emerging Biomarker in Human Cancer. BioMed Research International, 2018, 2018, 1-11.	0.9	24
405	Prediction of LncRNA Subcellular Localization with Deep Learning from Sequence Features. Scientific Reports, 2018, 8, 16385.	1.6	105
406	RNome: Evolution and Nature. , 2018, , 1-78.		0
407	RNome and Chromatin Dynamics. , 2018, , 79-112.		0
408	Long Noncoding RNAs and Their Role in Oncogenesis. Molecular Biology, 2018, 52, 787-798.	0.4	9

#	ARTICLE	IF	CITATIONS
409	lncRNA profile study reveals the mRNAs and lncRNAs associated with docetaxel resistance in breast cancer cells. <i>Scientific Reports</i> , 2018, 8, 17970.	1.6	52
410	Long intergenic non-coding protein coding RNA 152 promotes multiple myeloma progression by negatively regulating microRNA-497. <i>Oncology Reports</i> , 2018, 40, 3763-3771.	1.2	11
411	Engineering of the cellular translational machinery and non-coding RNAs to enhance CHO cell growth, recombinant product yields and quality. <i>Current Opinion in Chemical Engineering</i> , 2018, 22, 199-208.	3.8	4
412	Long non-coding RNAs in schizophrenia. <i>Neurology Psychiatry and Brain Research</i> , 2018, 30, 132-136.	2.0	4
413	Long noncoding RNA Meg3 regulates cardiomyocyte apoptosis in myocardial infarction. <i>Gene Therapy</i> , 2018, 25, 511-523.	2.3	72
414	Long noncoding RNA GM12371 acts as a transcriptional regulator of synapse function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10197-E10205.	3.3	52
415	Downregulation of lncRNA PVT1 expression inhibits proliferation and migration by regulating p38 expression in prostate cancer. <i>Oncology Letters</i> , 2018, 16, 5160-5166.	0.8	21
416	Expression profiles of long noncoding RNAs in lung adenocarcinoma. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 5383-5390.	1.0	26
417	The long non-coding RNA NEAT1 is elevated in polyglutamine repeat expansion diseases and protects from disease gene-dependent toxicities. <i>Human Molecular Genetics</i> , 2018, 27, 4303-4314.	1.4	30
418	Regulation of Macrophage Activation and Polarization by HCC-Derived Exosomal lncRNA TUC339. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2958.	1.8	187
419	lncRNAs on guard. <i>International Immunopharmacology</i> , 2018, 65, 60-63.	1.7	23
420	Variation in the Untranslated Genome and Susceptibility to Infections. <i>Frontiers in Immunology</i> , 2018, 9, 2046.	2.2	17
421	Enzymatic complexes across scales. <i>Essays in Biochemistry</i> , 2018, 62, 501-514.	2.1	40
422	Construction of lncRNA-miRNA-mRNA networks reveals functional lncRNAs in abdominal aortic aneurysm. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 3978-3986.	0.8	19
423	lincRNA-p21 promotes mesenchymal stem cell migration capacity and survival through hypoxic preconditioning. <i>Stem Cell Research and Therapy</i> , 2018, 9, 280.	2.4	75
424	Long non-coding RNA C5orf66-AS1 prevents oral squamous cell carcinoma through inhibiting cell growth and metastasis. <i>International Journal of Molecular Medicine</i> , 2018, 42, 3291-3299.	1.8	20
425	Ambient Temperature-Responsive Mechanisms Coordinate Regulation of Flowering Time. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3196.	1.8	46
426	Functional classification of long non-coding RNAs by k-mer content. <i>Nature Genetics</i> , 2018, 50, 1474-1482.	9.4	198

#	ARTICLE	IF	CITATIONS
427	Characterization of a Long Non-Coding RNA, the Antisense RNA of Na/K-ATPase $\hat{1}$ in Human Kidney Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2123.	1.8	2
428	Long non-coding RNAs in esophageal cancer: molecular mechanisms, functions, and potential applications. <i>Journal of Hematology and Oncology</i> , 2018, 11, 118.	6.9	52
429	Noncoding RNAs in Retrovirus Replication. , 2018, , 421-478.		1
430	A General Overview on Non-coding RNA-Based Diagnostic and Therapeutic Approaches for Liver Diseases. <i>Frontiers in Pharmacology</i> , 2018, 9, 805.	1.6	20
431	Overexpressing lncRNA LAIR increases grain yield and regulates neighbouring gene cluster expression in rice. <i>Nature Communications</i> , 2018, 9, 3516.	5.8	170
432	Microarray expression profile of long non-coding <i>scp</i> RNAs in human lung adenocarcinoma. <i>Thoracic Cancer</i> , 2018, 9, 1312-1322.	0.8	21
433	Identification of a novel long noncoding RNA that promotes osteoblast differentiation. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7657-7666.	1.2	13
434	Identification of Transcriptional Regulators That Bind to Long Noncoding RNAs by RNA Pull-Down and RNA Immunoprecipitation. <i>Methods in Molecular Biology</i> , 2018, 1783, 185-191.	0.4	5
435	Gene Expression Analysis. <i>Methods in Molecular Biology</i> , 2018, , .	0.4	3
436	The functions and unique features of long intergenic non-coding RNA. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 143-157.	16.1	968
437	The Long Non-coding RNA Transcriptome Landscape in CHO Cells Under Batch and Fed-batch Conditions. <i>Biotechnology Journal</i> , 2018, 13, e1800122.	1.8	15
438	Gene-gene interaction network analysis of hepatocellular carcinoma using bioinformatic software. <i>Oncology Letters</i> , 2018, 15, 8371-8377.	0.8	5
439	LncRNA SNHG16 drives proliferation, migration, and invasion of hemangioma endothelial cell through modulation of miR-520d/STAT3 axis. <i>Cancer Medicine</i> , 2018, 7, 3311-3320.	1.3	49
440	Expression of Long Noncoding RNA <i>YIYA</i> Promotes Glycolysis in Breast Cancer. <i>Cancer Research</i> , 2018, 78, 4524-4532.	0.4	59
441	lncRNA C2dat1 Promotes Cell Proliferation, Migration, and Invasion by Targeting miR-34a-5p in Osteosarcoma Cells. <i>Oncology Research</i> , 2018, 26, 753-764.	0.6	41
442	Noncoding <i>scp</i> RNAs in disease. <i>FEBS Letters</i> , 2018, 592, 2884-2900.	1.3	215
443	Transcriptome Analysis Reveals Dynamic Gene Expression Profiles in Porcine Alveolar Macrophages in Response to the Chinese Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus. <i>BioMed Research International</i> , 2018, 2018, 1-23.	0.9	24
444	Platforms for Investigating LncRNA Functions. <i>SLAS Technology</i> , 2018, 23, 493-506.	1.0	136

#	ARTICLE	IF	CITATIONS
445	Long noncoding RNA repertoire and targeting by nuclear exosome, cytoplasmic exonuclease, and RNAi in fission yeast. <i>Rna</i> , 2018, 24, 1195-1213.	1.6	45
446	LncCeRBase: a database of experimentally validated human competing endogenous long non-coding RNAs. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	1.4	32
447	Developmental Origins of Health and Disease (DOHaD). <i>Advances in Experimental Medicine and Biology</i> , 2018, , .	0.8	1
448	The Epigenetics of Early Life Adversity: Current Limitations and Possible Solutions. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 157, 343-425.	0.9	31
449	Emerging roles of long non-coding RNA in cancer. <i>Cancer Science</i> , 2018, 109, 2093-2100.	1.7	489
450	Long non-coding RNA SNHG14 induces trastuzumab resistance of breast cancer via regulating PABPC1 expression through H3K27 acetylation. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4935-4947.	1.6	95
451	Impact of Noncoding Part of the Genome on the Proteome Plasticity of the Eukaryotic Cell. <i>Russian Journal of Bioorganic Chemistry</i> , 2018, 44, 397-402.	0.3	2
452	Long Non-coding RNAs in Endothelial Biology. <i>Frontiers in Physiology</i> , 2018, 9, 522.	1.3	24
453	A Data Driven Model for Predicting RNA-Protein Interactions based on Gradient Boosting Machine. <i>Scientific Reports</i> , 2018, 8, 9552.	1.6	24
454	The non-coding RNA OTUB1 isoform2 promotes ovarian tumour progression and predicts poor prognosis. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4794-4806.	1.6	7
455	Prognostic value and clinical significance of long noncoding RNA CASC2 in human malignancies: a meta-analysis. <i>Cancer Management and Research</i> , 2018, Volume 10, 1403-1412.	0.9	6
456	Knockdown of SNHG15 suppresses renal cell carcinoma proliferation and EMT by regulating the NF- κ B signaling pathway. <i>International Journal of Oncology</i> , 2018, 53, 384-394.	1.4	28
457	Prognostic signatures for renal cancer as identified by long non-coding and miRNA competing endogenous network analysis.. <i>Oncology Reports</i> , 2018, 40, 959-967.	1.2	4
458	Screening for long noncoding RNAs associated with oral squamous cell carcinoma reveals the potentially oncogenic actions of DLEU1. <i>Cell Death and Disease</i> , 2018, 9, 826.	2.7	46
459	PIWIL3/OIP5-AS1/miR-367-3p/CEBPA feedback loop regulates the biological behavior of glioma cells. <i>Theranostics</i> , 2018, 8, 1084-1105.	4.6	115
460	Long Non-Coding RNAs: Novel Players in Regulation of Immune Response Upon Herpesvirus Infection. <i>Frontiers in Immunology</i> , 2018, 9, 761.	2.2	33
461	Non-Coding RNAs and Resistance to Anticancer Drugs in Gastrointestinal Tumors. <i>Frontiers in Oncology</i> , 2018, 8, 226.	1.3	56
462	Expression of UCA1 and MALAT1 long-chain non-coding RNAs in esophageal squamous cell carcinoma tissues is predictive of patient prognosis. <i>Archives of Medical Science</i> , 2018, 14, 752-759.	0.4	32

#	ARTICLE	IF	CITATIONS
463	Long Non-Coding RNAs in Multiple Myeloma. <i>Genes</i> , 2018, 9, 69.	1.0	22
464	The Role of Long Non-Coding RNAs in Hepatocarcinogenesis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 682.	1.8	73
465	Long Non-Coding RNAs in Multifactorial Diseases: Another Layer of Complexity. <i>Non-coding RNA</i> , 2018, 4, 13.	1.3	55
466	H3K4me2 and WDR5 enriched chromatin interacting long non-coding RNAs maintain transcriptionally competent chromatin at divergent transcriptional units. <i>Nucleic Acids Research</i> , 2018, 46, 9384-9400.	6.5	28
467	Integrative Analysis of lncRNAs in Th17 Cell Lineage to Discover New Potential Biomarkers and Therapeutic Targets in Autoimmune Diseases. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 393-404.	2.3	27
468	Integrative analysis of competing endogenous <sc>RNA</sc> networks reveals the functional lnc<sc>RNA</sc>s in heart failure. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4818-4829.	1.6	27
469	LncRNA TP73-AS1 Promotes Cell Proliferation and Inhibits Cell Apoptosis in Clear Cell Renal Cell Carcinoma Through Repressing KISS1 Expression and Inactivation of PI3K/Akt/mTOR Signaling Pathway. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 371-384.	1.1	49
470	Involvement of Noncoding RNAs in Stress-Related Neuropsychiatric Diseases Caused by DOHaD Theory. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1012, 49-59.	0.8	6
471	Long non-coding RNAs function as novel predictors and targets of non-small cell lung cancer: a systematic review and meta-analysis. <i>Oncotarget</i> , 2018, 9, 11377-11386.	0.8	18
472	LncRNA MT1JP Suppresses Gastric Cancer Cell Proliferation and Migration Through MT1JP/MiR-214-3p/RUNX3 Axis. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 2445-2459.	1.1	56
473	LncRNA HOTAIR promotes cell migration and invasion by regulating MKL1 via inhibition miR206 expression in HeLa cells. <i>Cell Communication and Signaling</i> , 2018, 16, 5.	2.7	47
474	Trees, fungi and bacteria: tripartite metatranscriptomics of a root microbiome responding to soil contamination. <i>Microbiome</i> , 2018, 6, 53.	4.9	88
475	Functional enrichment analysis based on long noncoding RNA associations. <i>BMC Systems Biology</i> , 2018, 12, 45.	3.0	14
476	Colon Cancer-Upregulated Long Non-Coding RNA lincDUSP Regulates Cell Cycle Genes and Potentiates Resistance to Apoptosis. <i>Scientific Reports</i> , 2018, 8, 7324.	1.6	35
477	Differential expression networks and inheritance patterns of long non-coding <sc>RNA</sc>s in castor bean seeds. <i>Plant Journal</i> , 2018, 95, 324-340.	2.8	43
478	SNP rs2071095 in LincRNA H19 is associated with breast cancer risk. <i>Breast Cancer Research and Treatment</i> , 2018, 171, 161-171.	1.1	34
480	The expression signature of very long non-coding RNA in myalgic encephalomyelitis/chronic fatigue syndrome. <i>Journal of Translational Medicine</i> , 2018, 16, 231.	1.8	20
481	Epigenetics in Toxicology. , 2018, , 415-446.		1

#	ARTICLE	IF	CITATIONS
482	A Complete Review on Epigenetic Biomarkers in MS. , 2018, , 619-637.		2
483	LncRNA GACAT3 acts as a competing endogenous RNA of HMGA1 and alleviates cucurbitacin B-induced apoptosis of gastric cancer cells. <i>Gene</i> , 2018, 678, 164-171.	1.0	18
484	Comprehensive Transcriptome Analysis Reveals Competing Endogenous RNA Networks During Avian Leukosis Virus, Subgroup J-Induced Tumorigenesis in Chickens. <i>Frontiers in Physiology</i> , 2018, 9, 996.	1.3	16
485	Advances and challenges towards the study of RNA-RNA interactions in a transcriptome-wide scale. <i>Quantitative Biology</i> , 2018, 6, 239-252.	0.3	17
486	Long non-coding RNAs in small cell lung cancer: A potential opening to combat the disease (Review). <i>Oncology Reports</i> , 2018, 40, 1831-1842.	1.2	10
487	Long non-coding RNA THOR promotes cell proliferation and metastasis in hepatocellular carcinoma. <i>Gene</i> , 2018, 678, 129-136.	1.0	18
488	MIR100 host gene-encoded lncRNAs regulate cell cycle by modulating the interaction between HuR and its target mRNAs. <i>Nucleic Acids Research</i> , 2018, 46, 10405-10416.	6.5	61
489	The role of lncRNA CASC2 on prognosis of malignant tumors: a meta-analysis and bioinformatics. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 4355-4365.	1.0	12
490	miRNAs and lncRNAs as Predictive Biomarkers of Response to FOLFOX Therapy in Colorectal Cancer. <i>Frontiers in Pharmacology</i> , 2018, 9, 846.	1.6	27
491	Differential expression of lncRNAs and predicted target genes in normal mouse melanocytes and B16 cells. <i>Experimental Dermatology</i> , 2018, 27, 1230-1236.	1.4	8
492	Comprehensive analysis of differentially expressed profiles of lncRNAs and mRNAs reveals ceRNA networks in the transformation of diffuse large B-cell lymphoma. <i>Oncology Letters</i> , 2018, 16, 882-890.	0.8	9
493	The lncRNA MIR4435-2HG promotes lung cancer progression by activating β -catenin signalling. <i>Journal of Molecular Medicine</i> , 2018, 96, 753-764.	1.7	72
494	LncRNA UCA1 sponges miR-26a to regulate the migration and proliferation of vascular smooth muscle cells. <i>Gene</i> , 2018, 673, 159-166.	1.0	45
495	A comprehensive spatial-temporal transcriptomic analysis of differentiating nascent mouse lens epithelial and fiber cells. <i>Experimental Eye Research</i> , 2018, 175, 56-72.	1.2	37
496	Genome-wide identification of long noncoding RNAs in CCl ₄ -induced liver fibrosis via RNA sequencing. <i>Molecular Medicine Reports</i> , 2018, 18, 299-307.	1.1	16
497	Investigating Nrf2-associated non-coding RNAs in the hibernating ground squirrel, <i>Ictidomys tridecemlineatus</i> . <i>Journal of Thermal Biology</i> , 2018, 75, 38-44.	1.1	7
498	Patient-derived tumor xenografts of lung squamous cell carcinoma alter long non-coding RNA profile but not responsiveness to cisplatin. <i>Oncology Letters</i> , 2018, 15, 8589-8603.	0.8	8
499	lncRNA TNXA-PS1 Modulates Schwann Cells by Functioning As a Competing Endogenous RNA Following Nerve Injury. <i>Journal of Neuroscience</i> , 2018, 38, 6574-6585.	1.7	40

#	ARTICLE	IF	CITATIONS
500	Large-scale profiling of noncoding RNA function in yeast. <i>PLoS Genetics</i> , 2018, 14, e1007253.	1.5	29
501	Long Noncoding RNAs in the Immune Response. , 2018, , 107-131.		0
502	13Check_RNA: a tool to evaluate 13C chemical shift assignments of RNA. <i>Bioinformatics</i> , 2018, 34, 4124-4126.	1.8	3
503	A Transforming Growth Factor β and H19 Signaling Axis in Tumor-Initiating Hepatocytes That Regulates Hepatic Carcinogenesis. <i>Hepatology</i> , 2019, 69, 1549-1563.	3.6	59
504	High-depth transcriptomic profiling reveals the temporal gene signature of human mesenchymal stem cells during chondrogenesis. <i>FASEB Journal</i> , 2019, 33, 358-372.	0.2	43
505	3D genomic regulation of lncRNA and Xist in X chromosome. <i>Seminars in Cell and Developmental Biology</i> , 2019, 90, 174-180.	2.3	15
506	Long non-coding RNA expressed in macrophage co-varies with the inflammatory phenotype during macrophage development and polarization. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6530-6542.	1.6	25
507	Long non-coding RNA Malat1 activated autophagy, hence promoting cell proliferation and inhibiting apoptosis by sponging miR-101 in colorectal cancer. <i>Cellular and Molecular Biology Letters</i> , 2019, 24, 50.	2.7	69
508	Long noncoding RNA PART1 promotes progression of non-small cell lung cancer cells via JAK-STAT signaling pathway. <i>Cancer Medicine</i> , 2019, 8, 6064-6081.	1.3	60
509	The importance of long non-coding RNAs in neuropsychiatric disorders. <i>Molecular Aspects of Medicine</i> , 2019, 70, 127-140.	2.7	53
510	Noncoding RNA transcription at enhancers and genome folding in cancer. <i>Cancer Science</i> , 2019, 110, 2328-2336.	1.7	11
511	Discovery of a novel long noncoding RNA overlapping the LCK gene that regulates prostate cancer cell growth. <i>Molecular Cancer</i> , 2019, 18, 113.	7.9	10
512	Long non-coding RNA THRIL predicts increased acute respiratory distress syndrome risk and positively correlates with disease severity, inflammation, and mortality in sepsis patients. <i>Journal of Clinical Laboratory Analysis</i> , 2019, 33, e22882.	0.9	28
513	Whole Transcriptome Sequencing Reveals How Acupuncture and Moxibustion Increase Pregnancy Rate in Patients Undergoing In Vitro Fertilization-Embryo Transplantation. <i>BioMed Research International</i> , 2019, 2019, 1-8.	0.9	10
514	Genome-wide discovery and characterization of long noncoding RNAs in patients with multiple myeloma. <i>BMC Medical Genomics</i> , 2019, 12, 135.	0.7	5
515	A Functional Link between Nuclear RNA Decay and Transcriptional Control Mediated by the Polycomb Repressive Complex 2. <i>Cell Reports</i> , 2019, 29, 1800-1811.e6.	2.9	32
516	Long non-coding RNA H19 modulates proliferation and apoptosis in osteoarthritis via regulating miR-106a-5p. <i>Journal of Biosciences</i> , 2019, 44, 1.	0.5	18
517	Liquid Biopsies in Multiple Myeloma. , 0, , .		0

#	ARTICLE	IF	CITATIONS
518	ABA responses during seed development and germination. <i>Advances in Botanical Research</i> , 2019, 92, 171-217.	0.5	17
519	Hypoxia-induced H19/YB-1 cascade modulates cardiac remodeling after infarction. <i>Theranostics</i> , 2019, 9, 6550-6567.	4.6	61
520	lncRNA CCAT1 is a biomarker for the proliferation and drug resistance of esophageal cancer via the miR-143/PLK1/BUBR1 axis. <i>Molecular Carcinogenesis</i> , 2019, 58, 2207-2217.	1.3	59
521	Long Noncoding RNAs in Acute Myeloid Leukemia: Functional Characterization and Clinical Relevance. <i>Cancers</i> , 2019, 11, 1638.	1.7	56
522	Upregulation of ZFAS1 indicates dismal prognosis for cholangiocarcinoma and promotes proliferation and metastasis by modulating USF1 via miR-296a-5p. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 8258-8268.	1.6	17
523	Long non-coding RNA PXN-AS1 suppresses pancreatic cancer progression by acting as a competing endogenous RNA of miR-3064 to upregulate PIP4K2B expression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 390.	3.5	43
524	Expression profiles of long non-coding RNA in mouse lung tissue exposed to radon. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 854-861.	1.1	7
525	LncRNA-MALAT1 regulates proliferation and apoptosis of ovarian cancer cells by targeting miR-503-5p. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 6297-6307.	1.0	65
526	A Brief Overview of lncRNAs in Endothelial Dysfunction-Associated Diseases: From Discovery to Characterization. <i>Epigenomes</i> , 2019, 3, 20.	0.8	1
527	UCA1 long non-coding RNA: An update on its roles in malignant behavior of cancers. <i>Biomedicine and Pharmacotherapy</i> , 2019, 120, 109459.	2.5	46
528	Incorporation of long non-coding RNA expression profile in the 2017 ELN risk classification can improve prognostic prediction of acute myeloid leukemia patients. <i>EBioMedicine</i> , 2019, 40, 240-250.	2.7	23
529	Long noncoding RNA MIR31HG is activated by SP1 and promotes cell migration and invasion by sponging miR-214 in NSCLC. <i>Gene</i> , 2019, 692, 223-230.	1.0	48
530	Long Non-coding RNA in Neuronal Development and Neurological Disorders. <i>Frontiers in Genetics</i> , 2018, 9, 744.	1.1	68
531	Long non-coding RNA DILC promotes the progression of gallbladder carcinoma. <i>Gene</i> , 2019, 694, 102-110.	1.0	16
532	Genomic data mining for functional annotation of human long noncoding RNAs. <i>Journal of Zhejiang University: Science B</i> , 2019, 20, 476-487.	1.3	15
533	Long non-coding RNA DILC suppresses bladder cancer cells progression. <i>Gene</i> , 2019, 710, 193-201.	1.0	11
534	Prenatal maternal biomarkers for the early diagnosis of congenital malformations: A review. <i>Pediatric Research</i> , 2019, 86, 560-566.	1.1	11
535	Long non-coding RNA deleted in lymphocytic leukaemia 1 promotes hepatocellular carcinoma progression by sponging miR-133a to regulate IGF1R expression. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5154-5164.	1.6	19

#	ARTICLE	IF	CITATIONS
536	Endothelial function and dysfunction in the cardiovascular system: the long non-coding road. <i>Cardiovascular Research</i> , 2019, 115, 1692-1704.	1.8	43
537	LncRNA PCFL promotes cardiac fibrosis via miR-378/GRB2 pathway following myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 133, 188-198.	0.9	40
538	Ophiopogonin-B Suppresses Epithelial-mesenchymal Transition in Human Lung Adenocarcinoma Cells via the Linc00668/miR-432-5p/EMT Axis. <i>Journal of Cancer</i> , 2019, 10, 2849-2856.	1.2	22
539	LncRNA FENDRR attenuates adriamycin resistance via suppressing MDR1 expression through sponging HuR and miR-184 in chronic myelogenous leukaemia cells. <i>FEBS Letters</i> , 2019, 593, 1993-2007.	1.3	28
540	LncRNA PU.1 AS regulates arsenic-induced lipid metabolism through EZH2/Sirt6/SREBP-1c pathway. <i>Journal of Environmental Sciences</i> , 2019, 85, 138-146.	3.2	22
541	A novel antisense RNA ASPACT confers multi-level suppression of PACT and associated signalling. <i>RNA Biology</i> , 2019, 16, 1263-1274.	1.5	5
542	Long Noncoding RNA H19 Participates in the Regulation of Adipose-Derived Stem Cells Cartilage Differentiation. <i>Stem Cells International</i> , 2019, 2019, 1-11.	1.2	15
543	Development of Non-Coding RNAs as Biomarkers in Tumors of Digestive System. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 143-144.	0.9	0
544	Long Noncoding RNA Can Be a Probable Mechanism and a Novel Target for Diagnosis and Therapy in Fragile X Syndrome. <i>Frontiers in Genetics</i> , 2019, 10, 446.	1.1	9
545	Crosstalk between the lncRNA UCA1 and microRNAs in cancer. <i>FEBS Letters</i> , 2019, 593, 1901-1914.	1.3	33
546	Interferon-inducible lncRNA IRF1-AS represses esophageal squamous cell carcinoma by promoting interferon response. <i>Cancer Letters</i> , 2019, 459, 86-99.	3.2	34
547	LncRNA GAS5 regulates vascular smooth muscle cell cycle arrest and apoptosis via p53 pathway. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2516-2525.	1.8	31
548	Long Noncoding RNA: Genomics and Relevance to Physiology. , 2019, 9, 933-946.		25
549	HOTAIR as a Prognostic Predictor for Diverse Human Cancers: A Meta- and Bioinformatics Analysis. <i>Cancers</i> , 2019, 11, 778.	1.7	18
550	Long Noncoding RNA in Preeclampsia: Transcriptional Noise or Innovative Indicators?. <i>BioMed Research International</i> , 2019, 2019, 1-7.	0.9	30
551	LPI-IBNRA: Long Non-coding RNA-Protein Interaction Prediction Based on Improved Bipartite Network Recommender Algorithm. <i>Frontiers in Genetics</i> , 2019, 10, 343.	1.1	26
552	Long noncoding RNA HOXA-AS2 promotes non-small cell lung cancer progression by regulating miR-520a-3p. <i>Bioscience Reports</i> , 2019, 39, .	1.1	25
553	LncRNAs associated with multiple sclerosis expressed in the Th1 cell lineage. <i>Journal of Cellular Physiology</i> , 2019, 234, 22153-22162.	2.0	16

#	ARTICLE	IF	CITATIONS
554	Integrating imaging and omics data: A review. <i>Biomedical Signal Processing and Control</i> , 2019, 52, 264-280.	3.5	41
555	Host relieves Incâ€œIRAK3â€œsequestered miRâ€œ91b to attenuate apoptosis in Enterovirus 71 infection. <i>Cellular Microbiology</i> , 2019, 21, e13043.	1.1	14
556	Molecular pattern of lncRNAs in hepatocellular carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 198.	3.5	43
557	Long non-coding RNAs in genitourinary malignancies: a whole new world. <i>Nature Reviews Urology</i> , 2019, 16, 484-504.	1.9	80
558	LncRNA-SRA1 Suppresses Osteosarcoma Cell Proliferation While Promoting Cell Apoptosis. <i>Technology in Cancer Research and Treatment</i> , 2019, 18, 153303381984143.	0.8	26
559	Navigating the non-coding genome in heart development and Congenital Heart Disease. <i>Differentiation</i> , 2019, 107, 11-23.	1.0	17
560	FOXM1-Mediated LINC-ROR Regulates the Proliferation and Sensitivity to Sorafenib in Hepatocellular Carcinoma. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 576-588.	2.3	41
561	lncRNA HIF1A Antisense RNA 2 Modulates Trophoblast Cell Invasion and Proliferation through Upregulating PHLDA1 Expression. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 605-615.	2.3	27
562	The Promoter-Associated Noncoding RNA <i>pncCCND1_B</i> Assembles a Proteinâ€œRNA Complex to Regulate Cyclin D1 Transcription in Ewing Sarcoma. <i>Cancer Research</i> , 2019, 79, 3570-3582.	0.4	22
565	Altered levels of hsiRNAs further enhance Ras signaling during ectopically activated Ras induced R7 differentiation in <i>Drosophila</i> . <i>Gene Expression Patterns</i> , 2019, 33, 20-36.	0.3	8
566	Androgenâ€œresponsive lncRNA LINC00304 promotes cell cycle and proliferation via regulating CCNA1. <i>Prostate</i> , 2019, 79, 994-1006.	1.2	13
567	Long noncoding RNAs: Novel regulators of virusâ€œhost interactions. <i>Reviews in Medical Virology</i> , 2019, 29, e2046.	3.9	38
568	LncRNA ZEB1â€œAS1 reduces liver cancer cell proliferation by targeting miRâ€œ365aâ€œ3p. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 3539-3547.	0.8	13
569	Long noncoding RNA C2dat1 protects H9c2 cells against hypoxia injury by downregulating miRâ€œ22. <i>Journal of Cellular Physiology</i> , 2019, 234, 20623-20633.	2.0	9
570	LncRNA ANRIL protects against oxygen and glucose deprivation (OGD)-induced injury in PC-12 cells: potential role in ischaemic stroke. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1384-1395.	1.9	37
571	Mesenchymal stem cell-associated lncRNA in osteogenic differentiation. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108912.	2.5	82
572	LncRNA EPR controls epithelial proliferation by coordinating Cdkn1a transcription and mRNA decay response to TGF-Î². <i>Nature Communications</i> , 2019, 10, 1969.	5.8	68
573	Enantiomeric Amino Acid Schiff Base Copper(II) Complexes as a New Class of RNA-Targeted Metallo-Intercalators: Single X-ray Crystal Structural Details, Comparative in Vitro DNA/RNA Binding Profile, Cleavage, and Cytotoxicity. <i>ACS Omega</i> , 2019, 4, 7691-7705.	1.6	86

#	ARTICLE	IF	CITATIONS
574	A critical regulator of Bcl2 revealed by systematic transcript discovery of lncRNAs associated with T-cell differentiation. <i>Scientific Reports</i> , 2019, 9, 4707.	1.6	17
575	Induction/reversal of drug resistance in gastric cancer by non-coding RNAs (Review). <i>International Journal of Oncology</i> , 2019, 54, 1511-1524.	1.4	21
576	Long Non-coding RNA MEG3 Attenuates the Angiotensin II-Induced Injury of Human Umbilical Vein Endothelial Cells by Interacting With p53. <i>Frontiers in Genetics</i> , 2019, 10, 78.	1.1	19
577	Long non-coding RNA ZEB2-AS1 promotes the proliferation, metastasis and epithelial mesenchymal transition in triple-negative breast cancer by epigenetically activating ZEB2. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3271-3279.	1.6	44
578	Identify the critical protein-coding genes and long noncoding RNAs in cardiac myxoma. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 13441-13452.	1.2	3
579	Aberrant expression of CHL1 gene and long non-coding RNA CHL1-AS1, CHL1-AS2 in ovarian endometriosis. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019, 236, 177-182.	0.5	21
580	Identification of Potential Long Noncoding RNA Biomarker of Mercury Compounds in Zebrafish Embryos. <i>Chemical Research in Toxicology</i> , 2019, 32, 878-886.	1.7	17
581	Long Noncoding RNA MALAT1 Regulates Cancer Glucose Metabolism by Enhancing mTOR-Mediated Translation of TCF7L2. <i>Cancer Research</i> , 2019, 79, 2480-2493.	0.4	132
582	A high-throughput screen identifies the long non-coding RNA DRAIC as a regulator of autophagy. <i>Oncogene</i> , 2019, 38, 5127-5141.	2.6	37
583	Comparison of long noncoding RNA between muscles and adipose tissues in <i>Hanwoo</i> beef cattle. <i>Animal Cells and Systems</i> , 2019, 23, 50-58.	0.8	11
584	Identification of potential hub-lncRNAs in ischemic stroke based on Subpathway-LNCE method. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 12832-12842.	1.2	14
585	H22954, a novel long non-coding RNA down-regulated in AML, inhibits cancer growth in a BCL-2-dependent mechanism. <i>Cancer Letters</i> , 2019, 454, 26-36.	3.2	21
586	LncRNA NORAD is repressed by the YAP pathway and suppresses lung and breast cancer metastasis by sequestering S100P. <i>Oncogene</i> , 2019, 38, 5612-5626.	2.6	97
587	Long noncoding RNA TSPOAP1 antisense RNA 1 negatively modulates type I IFN signaling to facilitate influenza A virus replication. <i>Journal of Medical Virology</i> , 2022, 94, 557-566.	2.5	25
588	Association of long non-coding RNA MEG3 polymorphisms with oral squamous cell carcinoma risk. <i>Oral Diseases</i> , 2019, 25, 1318-1324.	1.5	18
589	The Long Non-Coding RNA lep-5 Promotes the Juvenile-to-Adult Transition by Destabilizing LIN-28. <i>Developmental Cell</i> , 2019, 49, 542-555.e9.	3.1	13
590	<i>LINC00261</i> Is an Epigenetically Regulated Tumor Suppressor Essential for Activation of the DNA Damage Response. <i>Cancer Research</i> , 2019, 79, 3050-3062.	0.4	75
591	LncRNA MIR22HG inhibits growth, migration and invasion through regulating the miR-10a/NCOR2 axis in hepatocellular carcinoma cells. <i>Cancer Science</i> , 2019, 110, 973-984.	1.7	59

#	ARTICLE	IF	CITATIONS
592	The lncRNA UNC5B-AS1 promotes proliferation, migration, and invasion in papillary thyroid cancer cell lines. <i>Human Cell</i> , 2019, 32, 334-342.	1.2	27
593	Inhibition of malignant human bladder cancer phenotypes through the down-regulation of the long non-coding RNA SNHG7. <i>Journal of Cancer</i> , 2019, 10, 539-546.	1.2	27
594	Impact of the gut microbiome on the genome and epigenome of colon epithelial cells: contributions to colorectal cancer development. <i>Genome Medicine</i> , 2019, 11, 11.	3.6	127
595	Long noncoding RNAs and the regulation of innate immunity and host-virus interactions. <i>Journal of Leukocyte Biology</i> , 2019, 106, 83-93.	1.5	15
596	The susceptibility of sea-island cotton recombinant inbred lines to <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> infection is characterized by altered expression of long noncoding RNAs. <i>Scientific Reports</i> , 2019, 9, 2894.	1.6	19
597	Long noncoding RNA LINC00336 inhibits ferroptosis in lung cancer by functioning as a competing endogenous RNA. <i>Cell Death and Differentiation</i> , 2019, 26, 2329-2343.	5.0	365
598	Architectural RNAs for Membraneless Nuclear Body Formation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2019, 84, 227-237.	2.0	46
599	Role of non-coding RNA in cardiac remodeling. <i>Non-coding RNA Investigation</i> , 2019, 3, 12-12.	0.6	0
600	Comprehensive Analysis and Co-Expression Network of mRNAs and lncRNAs in Pressure Overload-Induced Heart Failure. <i>Frontiers in Genetics</i> , 2019, 10, 1271.	1.1	4
601	Differentially expressed long-chain noncoding RNAs in human neuroblastoma cell line (SH-SY5Y): Alzheimer's disease cell model. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 1052-1060.	1.1	7
602	Comprehensive analysis of the lncRNA-associated ceRNA network identifies neuroinflammation biomarkers for Alzheimer's disease. <i>Molecular Omics</i> , 2019, 15, 459-469.	1.4	18
603	Long non-coding RNA GASL1 inhibits proliferation and invasion of osteosarcoma cells via modulation of the PI3K/Akt pathway. <i>Archives of Medical Science</i> , 2019, , .	0.4	0
604	Transcriptional profiling of long noncoding RNAs associated with leaf-color mutation in <i>Ginkgo biloba</i> L. <i>BMC Plant Biology</i> , 2019, 19, 527.	1.6	21
605	<p>Long Non-Coding RNA CDKN2B-AS1 Facilitates Laryngeal Squamous Cell Cancer Through Regulating miR-497/CDK6 Pathway</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 8853-8862.	1.0	19
606	Expression Profile and Potential Functions of Circulating Long Noncoding RNAs in Acute Ischemic Stroke in the Southern Chinese Han Population. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 290.	1.4	11
607	Long Non-coding RNA LINC-PINT Suppresses Cell Proliferation and Migration of Melanoma via Recruiting EZH2. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 350.	1.8	44
608	Expression and function of lncRNA ANRIL in a mouse model of acute myocardial infarction combined with type 2 diabetes mellitus. <i>Journal of the Chinese Medical Association</i> , 2019, 82, 685-692.	0.6	12
609	TGF<sup>2</sup>-activated lncRNA LINC00115 is a critical regulator of glioma stem<sup>-like</sup> cell tumorigenicity. <i>EMBO Reports</i> , 2019, 20, e48170.	2.0	56

#	ARTICLE	IF	CITATIONS
610	ODNA: a manually curated database of noncoding RNAs associated with orthopedics. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	3
611	Long noncoding RNA myocardial infarction-associated transcript regulated the pancreatic stellate cell activation to promote the fibrosis process of chronic pancreatitis. Journal of Cellular Biochemistry, 2019, 120, 9547-9555.	1.2	12
612	LncRNA BCAR4 up-regulates EGFR and thus promotes human thyrocyte proliferation. Neoplasma, 2019, 66, 222-231.	0.7	12
613	Regulation of Hepatic Long Noncoding RNAs by Pregnane X Receptor and Constitutive Androstane Receptor Agonists in Mouse Liver. Drug Metabolism and Disposition, 2019, 47, 329-339.	1.7	19
614	Long noncoding RNA CRNDE promotes non-small cell lung cancer progression via sponging microRNA-338-3p. Biomedicine and Pharmacotherapy, 2019, 110, 825-833.	2.5	41
615	Facilitating colorectal cancer cell metastasis by targeted binding of long non-coding RNA ENSG00000231881 with miR-133b via VEGFC signaling pathway. Biochemical and Biophysical Research Communications, 2019, 509, 1-7.	1.0	14
616	lncARSR promotes liver cancer stem cells expansion via STAT3 pathway. Gene, 2019, 687, 73-81.	1.0	30
617	Microarray analysis of altered long non-coding RNA expression profile in liver cancer cells treated by ginsenoside Rh2. Journal of Asian Natural Products Research, 2019, 21, 742-753.	0.7	11
618	Knockdown of NEAT1 repressed the malignant progression of glioma through sponging miR-107 and inhibiting CDK14. Journal of Cellular Physiology, 2019, 234, 10671-10679.	2.0	36
619	Role of the tumor microenvironment in PD-L1/PD-1-mediated tumor immune escape. Molecular Cancer, 2019, 18, 10.	7.9	810
620	Knockdown of LncRNA GHET1 suppresses prostate cancer cell proliferation by inhibiting HIF1 α /Notch1 signaling pathway via KLF2. BioFactors, 2019, 45, 364-373.	2.6	36
621	Role of non-coding RNAs in liver disease progression to hepatocellular carcinoma. Archives of Pharmacal Research, 2019, 42, 48-62.	2.7	50
622	Identification of long non-coding RNAs expressed in knee and hip osteoarthritic cartilage. Osteoarthritis and Cartilage, 2019, 27, 694-702.	0.6	34
623	Quantitative Characteristic of ncRNA Regulation in Gene Regulatory Networks. Methods in Molecular Biology, 2019, 1912, 341-366.	0.4	3
624	Long non-coding RNA POLR2E gene polymorphisms increased the risk of prostate cancer in a sample of the Iranian population. Nucleosides, Nucleotides and Nucleic Acids, 2019, 38, 1-11.	0.4	8
625	Transcriptional regulation of chilling stress responsive long noncoding RNAs in Populus simonii. Trees - Structure and Function, 2019, 33, 733-749.	0.9	3
626	Long non-coding RNA THOR promotes liver cancer stem cells expansion via β -catenin pathway. Gene, 2019, 684, 95-103.	1.0	38
627	Autism spectrum disorder: insights into convergent mechanisms from transcriptomics. Nature Reviews Genetics, 2019, 20, 51-63.	7.7	128

#	ARTICLE	IF	CITATIONS
628	Identification and molecular analysis of a lncRNA-HOTAIR transcript from secondary hair follicle of cashmere goat reveal integrated regulatory network with the expression regulated potentially by its promoter methylation. <i>Gene</i> , 2019, 688, 182-192.	1.0	42
629	Gene Regulatory Networks. <i>Methods in Molecular Biology</i> , 2019, , .	0.4	41
630	Gene Regulatory Networks: A Primer in Biological Processes and Statistical Modelling. <i>Methods in Molecular Biology</i> , 2019, 1883, 347-383.	0.4	11
631	Long non-coding RNA AFAP1-CAS1 promoting epithelial-mesenchymal transition of endometriosis is correlated with transcription factor ZEB1. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13074.	1.2	26
632	Epigenetic dysregulation in hepatocellular carcinoma: an update review. <i>Hepatology Research</i> , 2019, 49, 3-13.	1.8	30
633	Epigenetic dynamic during endochondral ossification and articular cartilage development. <i>Bone</i> , 2019, 120, 523-532.	1.4	24
634	Towards a deeper annotation of human lncRNAs. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194385.	0.9	12
635	Adaptor proteins in long noncoding RNA biology. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194370.	0.9	22
636	Potential Biomarker and Therapeutic lncRNAs in Multiple Sclerosis Through Targeting Memory B Cells. <i>NeuroMolecular Medicine</i> , 2020, 22, 111-120.	1.8	18
637	Long noncoding RNAs and exosomal lncRNAs: classification, and mechanisms in breast cancer metastasis and drug resistance. <i>Oncogene</i> , 2020, 39, 953-974.	2.6	146
638	Regulatory networks between Polycomb complexes and non-coding RNAs in the central nervous system. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 327-336.	1.5	3
639	Downregulation of lncRNA GAS5 promotes liver cancer proliferation and drug resistance by decreasing PTEN expression. <i>Molecular Genetics and Genomics</i> , 2020, 295, 251-260.	1.0	50
640	A novel long non-coding RNA LINC00355 promotes proliferation of lung adenocarcinoma cells by down-regulating miR-195 and up-regulating the expression of CCNE1. <i>Cellular Signalling</i> , 2020, 66, 109462.	1.7	31
641	Identification of long non-coding RNA MVIH as a prognostic marker and therapeutic target in acute myeloid leukemia. <i>Journal of Clinical Laboratory Analysis</i> , 2020, 34, e23113.	0.9	5
642	Small molecule inhibition of Ewing sarcoma cell growth via targeting the long non coding RNA HULC. <i>Cancer Letters</i> , 2020, 469, 111-123.	3.2	27
643	Long noncoding RNA LINC01234 promoted cell proliferation and invasion via miR-1284/TRAF6 axis in colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 4295-4309.	1.2	9
644	LINC00858 promotes colorectal cancer by sponging miR-4766-5p to regulate PAK2. <i>Cell Biology and Toxicology</i> , 2020, 36, 333-347.	2.4	25
645	All-Atom Knowledge-Based Potential for RNA Structure Discrimination Based on the Distance-Scaled Finite Ideal-Gas Reference State. <i>Journal of Computational Biology</i> , 2020, 27, 856-867.	0.8	15

#	ARTICLE	IF	CITATIONS
646	Unravelling the role of long non-coding RNA - LINC01087 in breast cancer. <i>Non-coding RNA Research</i> , 2020, 5, 1-10.	2.4	13
647	Identification of ncRNA-Mediated Functions of Nucleus-Localized miR-320 in Cardiomyocytes. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 132-143.	2.3	14
648	A Mitochondrial Micropeptide Is Required for Activation of the Nlrp3 Inflammasome. <i>Journal of Immunology</i> , 2020, 204, 428-437.	0.4	51
649	lnc003875/miR-363/EGR1 regulatory network in the carcinoma-associated fibroblasts controls the angiogenesis of human placental site trophoblastic tumor (PSTT). <i>Experimental Cell Research</i> , 2020, 387, 111783.	1.2	8
650	Epigenetic modifications working in the decidualization and endometrial receptivity. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2091-2101.	2.4	55
651	Functions and mechanism of noncoding RNA in the somatic cells of the testis. <i>Zygote</i> , 2020, 28, 87-92.	0.5	1
652	<i>ZNRD1</i> and <i>RP11</i> long non-coding RNA changes following painful laser stimulation correlate with laser-evoked potential amplitude and habituation in healthy subjects: A pilot study. <i>European Journal of Pain</i> , 2020, 24, 593-603.	1.4	4
653	Mechanisms of lncRNA/microRNA interactions in angiogenesis. <i>Life Sciences</i> , 2020, 254, 116900.	2.0	180
654	Long non-coding RNA MALAT1 regulates oxaliplatin-resistance via miR-324-3p/ADAM17 axis in colorectal cancer cells. <i>Cancer Cell International</i> , 2020, 20, 473.	1.8	28
655	Genome-Wide Identification and Characterization of Fusarium graminearum-Responsive lncRNAs in Triticum aestivum. <i>Genes</i> , 2020, 11, 1135.	1.0	4
656	Long noncoding RNAs (lncRNAs) in cervical carcinogenesis: New molecular targets, current prospects. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 156, 103111.	2.0	15
657	Critical role of HOX transcript antisense intergenic RNA (HOTAIR) in gliomas. <i>Journal of Molecular Medicine</i> , 2020, 98, 1525-1546.	1.7	13
658	FuncPEP: A Database of Functional Peptides Encoded by Non-Coding RNAs. <i>Non-coding RNA</i> , 2020, 6, 41.	1.3	34
659	Expression profiles of lincRNA and mRNA related to milk yield and milk composition traits in the milk-derived exosomes of Holstein and DoÄŸu Anadolu KÄ±rmÄ±zÄ±sÄ± cows. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2020, 44, 227-234.	0.2	1
660	OneStopRNAseq: A Web Application for Comprehensive and Efficient Analyses of RNA-Seq Data. <i>Genes</i> , 2020, 11, 1165.	1.0	25
661	The expression of long non-coding RNAs is associated with H3Ac and H3K4me2 changes regulated by the HDA6-LDL1/2 histone modification complex in Arabidopsis. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa066.	1.5	12
662	Long non-coding RNAs: emerging players regulating plant abiotic stress response and adaptation. <i>BMC Plant Biology</i> , 2020, 20, 466.	1.6	100
663	Roles of lncRNAs in Rice: Advances and Challenges. <i>Rice Science</i> , 2020, 27, 384-395.	1.7	9

#	ARTICLE	IF	CITATIONS
664	DNA Processing in the Context of Noncoding Transcription. <i>Trends in Biochemical Sciences</i> , 2020, 45, 1009-1021.	3.7	20
665	Long noncoding RNA MAPKAPK5-AS1 promotes colorectal cancer progression by cis-regulating the nearby gene MK5 and acting as a let-7f-1-3p sponge. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 139.	3.5	35
666	Identification and characterization of long noncoding RNAs provide insight into the regulation of gene expression in response to heat stress in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100707.	0.4	14
667	AR-induced long non-coding RNA LINC01503 facilitates proliferation and metastasis via the SFPQ-FOSL1 axis in nasopharyngeal carcinoma. <i>Oncogene</i> , 2020, 39, 5616-5632.	2.6	24
668	A Novel lncRNA, AK130181, Contributes to HIV-1 Latency by Regulating Viral Promoter-Driven Gene Expression in Primary CD4+ T Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 20, 754-763.	2.3	19
669	A novel lncRNA transcript, RBAT1, accelerates tumorigenesis through interacting with HNRNPL and cis-activating E2F3. <i>Molecular Cancer</i> , 2020, 19, 115.	7.9	50
670	XIST silencing alleviated inflammation and mesangial cells proliferation in diabetic nephropathy by sponging miR-485. <i>Archives of Physiology and Biochemistry</i> , 2020, , 1-7.	1.0	13
671	Noncoding RNAs in peritoneal fibrosis: Background, Mechanism, and Therapeutic Approach. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110385.	2.5	12
672	The prognostic impact of abnormally expressed, long noncoding RNAs in acute myeloid leukemia: a meta-analysis. <i>Hematology</i> , 2020, 25, 219-228.	0.7	1
673	lncRNA RP11-624L4.1 Is Associated with Unfavorable Prognosis and Promotes Proliferation via the CDK4/6-Cyclin D1-Rb-E2F1 Pathway in NPC. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 1025-1039.	2.3	20
674	LINC00460-miR-149-5p/miR-150-5p-Mutant p53 Feedback Loop Promotes Oxaliplatin Resistance in Colorectal Cancer. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 1004-1015.	2.3	40
675	Long non-coding RNA SNHG15 in various cancers: a meta and bioinformatic analysis. <i>BMC Cancer</i> , 2020, 20, 1156.	1.1	9
676	RNA sequencing analysis of altered expression of long noncoding RNAs associated with <i>Schistosoma japonicum</i> infection in the murine liver and spleen. <i>Parasites and Vectors</i> , 2020, 13, 601.	1.0	11
677	<p>Long Non-Coding RNAs in Drug Resistance of Breast Cancer</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 7075-7087.	1.0	20
678	LUAD transcriptomic profile analysis of<sc>d</sc>-limonene and potential lncRNA chemopreventive target. <i>Food and Function</i> , 2020, 11, 7255-7265.	2.1	7
679	Renal Cell Tumors: Uncovering the Biomarker Potential of ncRNAs. <i>Cancers</i> , 2020, 12, 2214.	1.7	12
680	Long Non-Coding RNAs in Atrial Fibrillation: Pluripotent Stem Cell-Derived Cardiomyocytes as a Model System. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5424.	1.8	10
681	Circulating Long Noncoding RNA LNC-EPHA6 Associates with Acute Rejection after Kidney Transplantation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5616.	1.8	8

#	ARTICLE	IF	CITATIONS
682	The Long Non-coding Road to Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2020, 22, 55.	2.0	34
683	DNA Methyltransferase 1 (DNMT1) Function Is Implicated in the Age-Related Loss of Cortical Interneurons. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 639.	1.8	17
684	Overexpression of lncRNA SNGH3 Predicts Unfavorable Prognosis and Clinical Outcomes in Human Cancers: Evidence from a Meta-Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	5
685	Recent trends in targeting miRNAs for cancer therapy. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1732-1749.	1.2	62
686	Microarray Analysis of Long Non-Coding RNAs in Lung Tissues of Patients with COPD and HOXA-AS2 Promotes HPMECs Proliferation via Notch1. <i>International Journal of COPD</i> , 2020, Volume 15, 2449-2460.	0.9	13
687	Coordinated analysis of exon and intron data reveals novel differential gene expression changes. <i>Scientific Reports</i> , 2020, 10, 15669.	1.6	6
688	RPI-MC>NNBLSTM: BLSTM Networks Combining With Multiple Convolutional Neural Network Models to Predict RNA-Protein Interactions Using Multiple Biometric Features Codes. <i>IEEE Access</i> , 2020, 8, 189869-189877.	2.6	2
689	ATF2-Induced lncRNA GAS8-AS1 Promotes Autophagy of Thyroid Cancer Cells by Targeting the miR-187-3p/ATG5 and miR-1343-3p/ATG7 Axes. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 584-600.	2.3	22
690	Comprehensive Analysis of Long Non-coding RNA-Associated Competing Endogenous RNA Network in Duchenne Muscular Dystrophy. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2020, 12, 447-460.	2.2	7
691	Rian/miR-210-3p/Nfkb1 Feedback Loop Promotes Hypoxia-Induced Cell Apoptosis in Myocardial Infarction Through Deactivating the PI3K/Akt Signaling Pathway. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 76, 207-215.	0.8	8
692	LINC02418 promotes colon cancer progression by suppressing apoptosis via interaction with miR-34b-5p/BCL2 axis. <i>Cancer Cell International</i> , 2020, 20, 460.	1.8	22
693	Long noncoding RNA TCONS0106987 promotes atrial electrical remodelling during atrial fibrillation by sponging miR-26 to regulate <i>KCNJ2</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 12777-12788.	1.6	24
694	The functional role of long non-coding RNAs and their underlying mechanisms in drug resistance of non-small cell lung cancer. <i>Life Sciences</i> , 2020, 261, 118362.	2.0	20
695	OIP5-AS1 contributes to tumorigenesis in hepatocellular carcinoma by miR-300/YF1-activated WNT pathway. <i>Cancer Cell International</i> , 2020, 20, 440.	1.8	8
696	LncRNA SNHG16 as a potential biomarker and therapeutic target in human cancers. <i>Biomarker Research</i> , 2020, 8, 41.	2.8	26
697	Trapping Transient RNA Complexes by Chemically Reversible Acylation. <i>Angewandte Chemie</i> , 2020, 132, 22201-22206.	1.6	2
698	Trapping Transient RNA Complexes by Chemically Reversible Acylation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22017-22022.	7.2	12
699	Gapmers. <i>Methods in Molecular Biology</i> , 2020, , .	0.4	1

#	ARTICLE	IF	CITATIONS
700	Integrated Analysis of a Risk Score System Predicting Prognosis and a ceRNA Network for Differentially Expressed lncRNAs in Multiple Myeloma. <i>Frontiers in Genetics</i> , 2020, 11, 934.	1.1	10
701	Similarities and Differences of Photosynthesis Establishment Related mRNAs and Novel lncRNAs in Early Seedlings (Coleoptile/Cotyledon vs. True Leaf) of Rice and Arabidopsis. <i>Frontiers in Genetics</i> , 2020, 11, 565006.	1.1	8
702	Genomics and Functional Genomics of Malignant Pleural Mesothelioma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6342.	1.8	16
703	Involvement of Noncoding RNAs in the Differentiation of Osteoclasts. <i>Stem Cells International</i> , 2020, 2020, 1-23.	1.2	7
704	Analysis of Differentially Expressed Long Noncoding RNA in Renal Ischemia-Reperfusion Injury. <i>Kidney and Blood Pressure Research</i> , 2020, 45, 686-701.	0.9	4
705	lncRNA-SLC16A1-AS1 induces metabolic reprogramming during Bladder Cancer progression as target and co-activator of E2F1. <i>Theranostics</i> , 2020, 10, 9620-9643.	4.6	58
706	The long non-coding RNA LUCAT1 is a negative feedback regulator of interferon responses in humans. <i>Nature Communications</i> , 2020, 11, 6348.	5.8	48
707	A long noncoding RNA, <i>lncMyoD</i> , modulates chromatin accessibility to regulate muscle stem cell myogenic lineage progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32464-32475.	3.3	32
708	lncRNAs in Cancer: From garbage to Junk. <i>Cancers</i> , 2020, 12, 3220.	1.7	41
709	lncRNA LHFPL3-AS1 contributes to tumorigenesis of melanoma stem cells via the miR-181a-5p/BCL2 pathway. <i>Cell Death and Disease</i> , 2020, 11, 950.	2.7	29
710	When Long Noncoding Becomes Protein Coding. <i>Molecular and Cellular Biology</i> , 2020, 40, .	1.1	106
711	Melatonin restores the pluripotency of long-term cultured embryonic stem cells through melatonin receptor-dependent m6A RNA regulation. <i>Journal of Pineal Research</i> , 2020, 69, e12669.	3.4	29
713	Signaling in and out: long-noncoding RNAs in tumor hypoxia. <i>Journal of Biomedical Science</i> , 2020, 27, 59.	2.6	34
714	TGF- β^2 in renal fibrosis: triumphs and challenges. <i>Future Medicinal Chemistry</i> , 2020, 12, 853-866.	1.1	33
715	FOXO1-induced LINC01123 acts as a mediator in triple negative breast cancer. <i>Cancer Cell International</i> , 2020, 20, 199.	1.8	6
716	Shedding Light on the Transcriptomic Dark Matter in Biological Psychiatry: Role of Long Noncoding RNAs in D-cycloserine-Induced Fear Extinction in Posttraumatic Stress Disorder. <i>OMICS A Journal of Integrative Biology</i> , 2020, 24, 352-369.	1.0	7
717	Stress, Adaptation, and the Deep Genome: Why Transposons Matter. <i>Integrative and Comparative Biology</i> , 2020, 60, 1495-1505.	0.9	15
718	Studying RNA-DNA interactome by Red-C identifies noncoding RNAs associated with various chromatin types and reveals transcription dynamics. <i>Nucleic Acids Research</i> , 2020, 48, 6699-6714.	6.5	31

#	ARTICLE	IF	CITATIONS
719	The Expression of microRNA in Adult Rat Heart with Isoproterenol-Induced Cardiac Hypertrophy. <i>Cells</i> , 2020, 9, 1173.	1.8	7
720	Overexpression of long non-coding RNA SNHG16 against cerebral ischemia-reperfusion injury through miR-106b-5p/LIMK1 axis. <i>Life Sciences</i> , 2020, 254, 117778.	2.0	15
721	Visualizing Newly Synthesized RNA by Bioorthogonal Labeling-Primed DNA Amplification. <i>Analytical Chemistry</i> , 2020, 92, 8444-8449.	3.2	8
722	The potential role of lncRNAs in diabetes and diabetic microvascular complications. <i>Endocrine Journal</i> , 2020, 67, 659-668.	0.7	21
723	Cotransplantation of human umbilical cord mesenchymal stem cells and endothelial cells for angiogenesis and pulp regeneration in vivo. <i>Life Sciences</i> , 2020, 255, 117763.	2.0	11
724	lncRNA and mRNA signature for prognosis prediction of glioblastoma. <i>Future Oncology</i> , 2020, 16, 837-848.	1.1	6
725	Serum small extracellular vesicle-derived lncRNA LINC00853 as a novel diagnostic marker for early hepatocellular carcinoma. <i>Molecular Oncology</i> , 2020, 14, 2646-2659.	2.1	45
726	lncRNAs and circular RNAs as endothelial cell messengers in hypertension: mechanism insights and therapeutic potential. <i>Molecular Biology Reports</i> , 2020, 47, 5535-5547.	1.0	15
727	Regulatory Mechanism and Application of lncRNAs in Poultry. , 2020, , .		2
728	Long non-coding RNA THOR promotes ovarian Cancer cells progression via IL-6/STAT3 pathway. <i>Journal of Ovarian Research</i> , 2020, 13, 72.	1.3	14
729	Long noncoding RNAs in cancer: From discovery to therapeutic targets. <i>Advances in Clinical Chemistry</i> , 2020, 95, 105-147.	1.8	94
730	Tumor Interferon Signaling Is Regulated by a lncRNA INCR1 Transcribed from the PD-L1 Locus. <i>Molecular Cell</i> , 2020, 78, 1207-1223.e8.	4.5	43
731	Molecular mechanisms underlying actions of certain long noncoding RNAs in Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2020, 35, 681-693.	1.4	20
732	Long Noncoding RNA LINC00460 Promotes Hepatocellular Carcinoma Progression via Regulation of miR-342-3p/AGR2 Axis. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 1979-1991.	1.0	14
733	lncRNA MALAT1 silencing protects against cerebral ischemia-reperfusion injury through miR-145 to regulate AQP4. <i>Journal of Biomedical Science</i> , 2020, 27, 40.	2.6	90
734	lncRNA SNHG7 Functions as an Oncogene in Cervical Cancer by Sponging miR-485-5p to Modulate JUND Expression. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 1677-1689.	1.0	17
735	Overexpression of long non-coding RNA RP11-363E7.4 inhibits proliferation and invasion in gastric cancer. <i>Cell Biochemistry and Function</i> , 2020, 38, 921-931.	1.4	6
736	lncRNA MIR503HG Inhibits Non-Small Cell Lung Cancer Cell Proliferation by Inducing Cell Cycle Arrest Through the Downregulation of Cyclin D1. <i>Cancer Management and Research</i> , 2020, Volume 12, 1641-1647.	0.9	11

#	ARTICLE	IF	CITATIONS
737	Long Noncoding RNA RC3H2 Facilitates Cell Proliferation and Invasion by Targeting MicroRNA-101-3p/EZH2 Axis in OSCC. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 20, 97-110.	2.3	59
738	Inferring lncRNA Functional Similarity Based on Integrating Heterogeneous Network Data. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 27.	2.0	6
739	Polysome-associated lncRNAs during cardiomyogenesis of hESCs. <i>Molecular and Cellular Biochemistry</i> , 2020, 468, 35-45.	1.4	4
740	Long noncoding RNAs: Important participants and potential therapeutic targets for myocardial ischaemia reperfusion injury. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 1783-1790.	0.9	8
741	Non-Coding RNAs as Regulators and Markers for Targeting of Breast Cancer and Cancer Stem Cells. <i>Cancers</i> , 2020, 12, 351.	1.7	30
742	lncRNA KCNQ1OT1 accelerates fracture healing via modulating miR-701a-3p/FGFR3 axis. <i>FASEB Journal</i> , 2020, 34, 5208-5222.	0.2	34
743	Prognostic significance of LINC00460 overexpression in solid tumours: a meta-analysis. <i>Postgraduate Medical Journal</i> , 2020, 96, 286-295.	0.9	4
744	<p>Meg3 Induces EMT and Invasion of Glioma Cells via Autophagy</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 989-1000.	1.0	30
745	lncRNA LUCRC Regulates Colorectal Cancer Cell Growth and Tumorigenesis by Targeting Endoplasmic Reticulum Stress Response. <i>Frontiers in Genetics</i> , 2019, 10, 1409.	1.1	14
746	The role and function of long non-coding RNAs in osteoarthritis. <i>Experimental and Molecular Pathology</i> , 2020, 114, 104407.	0.9	19
747	Long noncoding RNA HOXA-AS2 mediates microRNA-106b-5p to repress sepsis-induced acute kidney injury. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22453.	1.4	23
748	HOTAIRM1 suppresses cell proliferation and invasion in ovarian cancer through facilitating ARHGAP24 expression by sponging miR-106a-5p. <i>Life Sciences</i> , 2020, 243, 117296.	2.0	32
749	Defining lncRNAs Correlated with CHO Cell Growth and IgG Productivity by RNA-Seq. <i>IScience</i> , 2020, 23, 100785.	1.9	10
750	SNHG7: A novel vital oncogenic lncRNA in human cancers. <i>Biomedicine and Pharmacotherapy</i> , 2020, 124, 109921.	2.5	33
752	Prognostic and clinicopathological significance of SNHG6 in human cancers: a meta-analysis. <i>BMC Cancer</i> , 2020, 20, 77.	1.1	14
753	Idiopathic Pulmonary Fibrosis: Pathogenesis and the Emerging Role of Long Non-Coding RNAs. <i>International Journal of Molecular Sciences</i> , 2020, 21, 524.	1.8	41
754	TEAD4 modulated lncRNA MNX1-AS1 contributes to gastric cancer progression partly through suppressing BTG2 and activating BCL2. <i>Molecular Cancer</i> , 2020, 19, 6.	7.9	91
755	Knock down of lncRNA H19 promotes axon sprouting and functional recovery after cerebral ischemic stroke. <i>Brain Research</i> , 2020, 1732, 146681.	1.1	26

#	ARTICLE	IF	CITATIONS
756	Long Noncoding RNA HUPCOS Promotes Follicular Fluid Androgen Excess in PCOS Patients via Aromatase Inhibition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1086-1097.	1.8	26
757	Screening of Long Noncoding RNAs Induced by Radiation Using Microarray. <i>Dose-Response</i> , 2020, 18, 155932582091630.	0.7	3
758	Long noncoding RNA PAHAL modulates locust behavioural plasticity through the feedback regulation of dopamine biosynthesis. <i>PLoS Genetics</i> , 2020, 16, e1008771.	1.5	20
759	Identification of an Immune-Related Nine-lncRNA Signature Predictive of Overall Survival in Colon Cancer. <i>Frontiers in Genetics</i> , 2020, 11, 318.	1.1	36
760	Noncoding RNAs in Duchenne and Becker muscular dystrophies: role in pathogenesis and future prognostic and therapeutic perspectives. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4299-4313.	2.4	13
761	RNA-seq Profiling and Co-expression Network Analysis of Long Noncoding RNAs and mRNAs Reveal Novel Pathogenesis of Noise-induced Hidden Hearing Loss. <i>Neuroscience</i> , 2020, 434, 120-135.	1.1	6
762	An oncopeptide regulates m6A recognition by the m6A reader IGF2BP1 and tumorigenesis. <i>Nature Communications</i> , 2020, 11, 1685.	5.8	149
763	Novel long noncoding RNA LINC01385 promotes nasopharyngeal carcinoma proliferation via the miR-140-3p/Twist1 signaling pathway. <i>Cell Cycle</i> , 2020, 19, 1352-1362.	1.3	12
764	RNA-Seq Data-Mining Allows the Discovery of Two Long Non-Coding RNA Biomarkers of Viral Infection in Humans. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2748.	1.8	7
765	The multiple function of long noncoding RNAs in osteosarcoma progression, drug resistance and prognosis. <i>Biomedicine and Pharmacotherapy</i> , 2020, 127, 110141.	2.5	27
766	<p>Long Noncoding RNA FGD5-AS1 Acts as a Competing Endogenous RNA on microRNA-383 to Enhance the Malignant Characteristics of Esophageal Squamous Cell Carcinoma by Increasing SP1 Expression</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 2265-2278.	0.9	17
767	Cortical cellular diversity and development in schizophrenia. <i>Molecular Psychiatry</i> , 2021, 26, 203-217.	4.1	11
768	The role of long non–coding <sc>RNAs</sc> in drug resistance of cancer. <i>Clinical Genetics</i> , 2021, 99, 84-92.	1.0	11
769	Long Noncoding RNA SNHG16 Facilitates Abdominal Aortic Aneurysm Progression through the miR-106b-5p/STAT3 Feedback Loop. <i>Journal of Atherosclerosis and Thrombosis</i> , 2021, 28, 66-78.	0.9	8
770	Long noncoding RNA AK039312 and AK079370 inhibits bone formation via miR-199b-5p. <i>Pharmacological Research</i> , 2021, 163, 105230.	3.1	17
771	LncRNA PDCD4-AS1 alleviates triple negative breast cancer by increasing expression of IQGAP2 via miR-10b-5p. <i>Translational Oncology</i> , 2021, 14, 100958.	1.7	22
772	A novel long non-coding RNA RP11-286H15.1 represses hepatocellular carcinoma progression by promoting ubiquitination of PABPC4. <i>Cancer Letters</i> , 2021, 499, 109-121.	3.2	29
773	H19 Promotes HCC Bone Metastasis Through Reducing Osteoprotegerin Expression in a Protein Phosphatase 1 Catalytic Subunit Alpha/p38 Mitogen–Activated Protein Kinase–Dependent Manner and Sponging microRNA 200b–p. <i>Hepatology</i> , 2021, 74, 214-232.	3.6	41

#	ARTICLE	IF	CITATIONS
774	The top 100 most-cited papers in long non-coding RNAs: a bibliometric study. <i>Cancer Biology and Therapy</i> , 2021, 22, 40-54.	1.5	10
775	Assessment of circulating H1SLA as a potential biomarker for breast cancer diagnosis and prognosis. <i>Clinical and Experimental Medicine</i> , 2021, 21, 29-34.	1.9	9
776	Vault RNAs: hidden gems in RNA and protein regulation. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 1487-1499.	2.4	26
777	Paternal transgenerational epigenetic mechanisms mediating stress phenotypes of offspring. <i>European Journal of Neuroscience</i> , 2021, 53, 271-280.	1.2	31
778	Long non-coding RNA TDRG1 promotes hypoxia-induced glycolysis by targeting the miR-214-5p/SEMA4C axis in cervical cancer cells. <i>Journal of Molecular Histology</i> , 2021, 52, 245-256.	1.0	7
779	Long Noncoding RNAs: New Regulators of Resistance to Systemic Therapies for Gastric Cancer. <i>BioMed Research International</i> , 2021, 2021, 1-14.	0.9	11
780	LncRNA WT1-AS downregulates lncRNA UCA1 to suppress non-small cell lung cancer and predicts poor survival. <i>BMC Cancer</i> , 2021, 21, 104.	1.1	17
781	Long Noncoding RNA LIT3527 Knockdown induces Apoptosis and Autophagy through inhibiting mTOR pathway in Gastric Cancer Cells. <i>Journal of Cancer</i> , 2021, 12, 4901-4911.	1.2	7
782	Long Non-Coding RNA TP53TG1 Upregulates SHCBP1 to Promote Retinoblastoma Progression by Sponging miR-33b. <i>Cell Transplantation</i> , 2021, 30, 096368972110252.	1.2	10
783	Identification of Functional lncRNAs Associated With Ovarian Endometriosis Based on a ceRNA Network. <i>Frontiers in Genetics</i> , 2021, 12, 534054.	1.1	10
784	Effect of emodin on long non-coding RNA-mRNA networks in rats with severe acute pancreatitis-induced acute lung injury. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 1851-1866.	1.6	17
786	Long noncoding RNAs and their implication in novel trait development in soybean. , 2021, , 133-150.		1
787	Illuminating lncRNA Function Through Target Prediction. <i>Methods in Molecular Biology</i> , 2021, 2372, 263-295.	0.4	3
788	LncRNA LINC00240 suppresses invasion and migration in non-small cell lung cancer by sponging miR-7-5p. <i>BMC Cancer</i> , 2021, 21, 44.	1.1	22
789	Human amnion-derived mesenchymal stem cells promote osteogenic differentiation of lipopolysaccharide-induced human bone marrow mesenchymal stem cells via ANRIL/miR-125a/APC axis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 35.	2.4	9
790	Profiling Long Non-coding RNA expression Using Custom-Designed Microarray. <i>Methods in Molecular Biology</i> , 2021, 2372, 43-51.	0.4	0
791	LncRNA CBR3-AS1 potentiates Wnt/ β -catenin signaling to regulate lung adenocarcinoma cells proliferation, migration and invasion. <i>Cancer Cell International</i> , 2021, 21, 36.	1.8	22
792	Screening and validation of plasma long non-coding RNAs as biomarkers for the early diagnosis and staging of oral squamous cell carcinoma. <i>Oncology Letters</i> , 2021, 21, 172.	0.8	5

#	ARTICLE	IF	CITATIONS
793	Identification of an immune-related long noncoding RNA signature that predicts prognosis in breast cancer patients. <i>Biomarkers in Medicine</i> , 2021, 15, 167-180.	0.6	0
794	LETR1 is a lymphatic endothelial-specific lncRNA governing cell proliferation and migration through KLF4 and SEMA3C. <i>Nature Communications</i> , 2021, 12, 925.	5.8	18
795	Epigenetic markers associated with schistosomiasis. <i>Helminthologia</i> , 2021, 58, 28-40.	0.3	0
796	Long Noncoding RNA FOXP4-AS1 Predicts Unfavourable Prognosis and Regulates Proliferation and Invasion in Hepatocellular Carcinoma. <i>BioMed Research International</i> , 2021, 2021, 1-12.	0.9	9
797	Reduction of Bladder Cancer Chemosensitivity Induced by the Effect of HOXA-AS3 as a ceRNA for miR-455-5p That Upregulates Notch1. <i>Frontiers in Oncology</i> , 2020, 10, 572672.	1.3	14
798	Role of MALAT1 in gynecological cancers: Pathologic and therapeutic aspects (Review). <i>Oncology Letters</i> , 2021, 21, 333.	0.8	13
799	Novel insights into the interaction between long non-coding RNAs and microRNAs in glioma. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 2317-2335.	1.4	18
800	Developing Tumor Radiosensitivity Signatures Using LncRNAs. <i>Radiation Research</i> , 2021, 195, 324-333.	0.7	10
801	The long non-coding RNA GHSROS reprograms prostate cancer cell lines toward a more aggressive phenotype. <i>PeerJ</i> , 2021, 9, e10280.	0.9	5
802	Effects of individual base-pairs on in vivo target search and destruction kinetics of bacterial small RNA. <i>Nature Communications</i> , 2021, 12, 874.	5.8	7
803	Research Progress on Regulating LncRNAs of Hepatocellular Carcinoma Stem Cells. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 917-927.	1.0	6
805	Role of lncRNA LUCAT1 in cancer. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111158.	2.5	163
806	BGL3 inhibits papillary thyroid carcinoma progression via regulating PTEN stability. <i>Journal of Endocrinological Investigation</i> , 2021, 44, 2165-2174.	1.8	5
807	The role of hypoxia-induced long noncoding RNAs (lncRNAs) in tumorigenesis and metastasis. <i>Biomedical Journal</i> , 2021, 44, 521-533.	1.4	16
808	Low expression of TRAF3IP2-AS1 promotes progression of NONO-TFE3 translocation renal cell carcinoma by stimulating N6-methyladenosine of PARP1 mRNA and downregulating PTEN. <i>Journal of Hematology and Oncology</i> , 2021, 14, 46.	6.9	40
809	Roles of Non-Coding RNAs in Cervical Cancer Metastasis. <i>Frontiers in Oncology</i> , 2021, 11, 646192.	1.3	10
810	High-throughput sequencing profile of laryngeal cancers: analysis of co-expression and competing endogenous RNA networks of circular RNAs, long non-coding RNAs, and messenger RNAs. <i>Annals of Translational Medicine</i> , 2021, 9, 483-483.	0.7	4
811	Nanobiodevices for the Isolation of Circulating Nucleic Acid for Biomedical Applications. <i>Chemistry Letters</i> , 2021, 50, 1244-1253.	0.7	5

#	ARTICLE	IF	CITATIONS
812	The Mechanistic Roles of ncRNAs in Promoting and Supporting Chemoresistance of Colorectal Cancer. <i>Non-coding RNA</i> , 2021, 7, 24.	1.3	17
813	Long noncoding RNA-SNHG20 promotes silica-induced pulmonary fibrosis by miR-490-3p/TGFBR1 axis. <i>Toxicology</i> , 2021, 451, 152683.	2.0	13
814	Serum NT-proBNP and TUG1 as novel biomarkers for elderly hypertensive patients with heart failure with preserved ejection fraction. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 446.	0.8	9
815	Characterization of transcripts emanating from enhancer E12 of the murine TCR β locus. <i>FEBS Open Bio</i> , 2021, 11, 1014-1028.	1.0	0
816	Dysregulations of long non-coding RNAs in The emerging lncRNA in environmental carcinogenesis. <i>Seminars in Cancer Biology</i> , 2021, 76, 163-172.	4.3	26
817	Tumor suppressor role of hsa_circ_0035445 in gastric cancer. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23727.	0.9	4
818	LncMyoD Promotes Skeletal Myogenesis and Regulates Skeletal Muscle Fiber-Type Composition by Sponging miR-370-3p. <i>Genes</i> , 2021, 12, 589.	1.0	14
819	Long Non-Coding RNAs in Insects. <i>Animals</i> , 2021, 11, 1118.	1.0	21
820	NAFLD-Associated HCC: Progress and Opportunities. <i>Journal of Hepatocellular Carcinoma</i> , 2021, Volume 8, 223-239.	1.8	33
821	Identification of Potential Key lncRNAs in the Context of Mouse Myeloid Differentiation by Systematic Transcriptomics Analysis. <i>Genes</i> , 2021, 12, 630.	1.0	0
822	Long non-coding RNAs in recurrent ovarian cancer: Theranostic perspectives. <i>Cancer Letters</i> , 2021, 502, 97-107.	3.2	14
823	S100 calcium binding protein A6 and associated long noncoding ribonucleic acids as biomarkers in the diagnosis and staging of primary biliary cholangitis. <i>World Journal of Gastroenterology</i> , 2021, 27, 1973-1992.	1.4	7
824	Lantern: an integrative repository of functional annotations for lncRNAs in the human genome. <i>BMC Bioinformatics</i> , 2021, 22, 279.	1.2	2
825	Hemangioma Endothelial Cells and Hemangioma Stem Cells in Infantile Hemangioma. <i>Annals of Plastic Surgery</i> , 2022, 88, 244-249.	0.5	14
826	Knockdown of XIST Attenuates Cerebral Ischemia/Reperfusion Injury Through Regulation of miR-362/ROCK2 Axis. <i>Neurochemical Research</i> , 2021, 46, 2167-2180.	1.6	18
827	Genome wide identification and characterization of abiotic stress responsive lncRNAs in <i>Capsicum annum</i> . <i>Plant Physiology and Biochemistry</i> , 2021, 162, 221-236.	2.8	39
828	LncRNA <i>Ctcflos</i> orchestrates transcription and alternative splicing in thermogenic adipogenesis. <i>EMBO Reports</i> , 2021, 22, e51289.	2.0	19
829	Knockdown of ZFAS1 improved the cardiac function of myocardial infarction rats via regulating Wnt/ β -catenin signaling pathway. <i>Aging</i> , 2021, 13, 12919-12928.	1.4	8

#	ARTICLE	IF	CITATIONS
830	Long non-coding RNA DICER1-AS1-low expression in arsenic-treated A549 cells inhibits cell proliferation by regulating the cell cycle pathway. <i>Environmental Toxicology and Pharmacology</i> , 2021, 84, 103617.	2.0	5
831	RNAmap: a fully automatic pipeline for predicting contact maps of RNAs by evolutionary coupling analysis. <i>Bioinformatics</i> , 2021, 37, 3494-3500.	1.8	27
832	Hypoxia induces chemoresistance of esophageal cancer cells to cisplatin through regulating the lncRNA-EMS/miR-758-3p/WTAP axis. <i>Aging</i> , 2021, 13, 17155-17176.	1.4	28
834	NoRCE: non-coding RNA sets cis enrichment tool. <i>BMC Bioinformatics</i> , 2021, 22, 294.	1.2	4
835	Identification of a seven-long non-coding RNA signature associated with Jab1/CSN5 in predicting hepatocellular carcinoma. <i>Cell Death Discovery</i> , 2021, 7, 178.	2.0	6
836	Identification and validation of immune-related lncRNA prognostic signatures for melanoma. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 1044-1054.	1.3	11
837	A heat shock-responsive lncRNA <i>Heat</i> acts as a HSF1-directed transcriptional brake via m ⁶ A modification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	19
838	Non-Coding RNAs in Kidney Diseases: The Long and Short of Them. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6077.	1.8	16
839	Computational Identification of miRNAs and Temperature-Responsive lncRNAs From Mango (<i>Mangifera</i>) Tj ETQq0 Q,0 rgBT /Qverlock 10	1.1	7
840	lncRNA BCAR4 expression predicts the clinical response to neoadjuvant chemotherapy in patients with locally advanced breast cancer. <i>Cancer Biomarkers</i> , 2021, 32, 339-351.	0.8	4
841	Long Non-Coding RNA (lncRNA) Roles in Cell Biology, Neurodevelopment and Neurological Disorders. <i>Non-coding RNA</i> , 2021, 7, 36.	1.3	56
842	LINC01355 Contributes to Malignant Phenotype of Oral Squamous Cell Carcinoma and Cytotoxic T Cell Infiltration via Activating Notch Signaling Pathway. <i>Journal of Immunology Research</i> , 2021, 2021, 1-12.	0.9	5
843	LINC00261 Suppresses Cisplatin Resistance of Esophageal Squamous Cell Carcinoma Through miR-545-3p/MT1M Axis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 687788.	1.8	3
844	Long Noncoding RNA IFITM4P Regulates Host Antiviral Responses by Acting as a Competing Endogenous RNA. <i>Journal of Virology</i> , 2021, 95, e0027721.	1.5	23
845	Identification of a competing endogenous RNA axis <i>SVIL</i> - <i>AS1</i> /miR-103a/ <i>ICE1</i> associated with chemoresistance in lung adenocarcinoma by comprehensive bioinformatics analysis. <i>Cancer Medicine</i> , 2021, 10, 6022-6034.	1.3	7
846	Long noncoding RNA FER1L4 promotes the malignant processes of papillary thyroid cancer by targeting the miR-612/ Cadherin 4 axis. <i>Cancer Cell International</i> , 2021, 21, 392.	1.8	6
847	The Vital Roles of LINC00662 in Human Cancers. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 711352.	1.8	8
849	CEBPA-AS1 Knockdown Alleviates Oxygen-Glucose Deprivation/Reperfusion-Induced Neuron Cell Damage by the MicroRNA 24-3p/BOK Axis. <i>Molecular and Cellular Biology</i> , 2021, 41, e0006521.	1.1	12

#	ARTICLE	IF	CITATIONS
850	Environmental RNA: A Revolution in Ecological Resolution?. Trends in Ecology and Evolution, 2021, 36, 601-609.	4.2	84
851	Helicobacter pylori Infectionâ€“Related Long Non-Coding RNA Signatures Predict the Prognostic Status for Gastric Cancer Patients. Frontiers in Oncology, 2021, 11, 709796.	1.3	8
852	Identification and Validation of Immune-Related LncRNA Prognostic Signature for Lung Adenocarcinoma. Frontiers in Genetics, 2021, 12, 681277.	1.1	16
853	LncRNA LINC00944 Promotes Tumorigenesis but Suppresses Akt Phosphorylation in Renal Cell Carcinoma. Frontiers in Molecular Biosciences, 2021, 8, 697962.	1.6	12
854	Long nonâ€“coding RNA LINC01224 promotes cell proliferation and inhibits apoptosis by regulating AKT3 expression via targeting miRâ€“485â€“5p in endometrial carcinoma. Oncology Reports, 2021, 46, .	1.2	6
855	Upregulation of 15 Antisense Long Non-Coding RNAs in Osteosarcoma. Genes, 2021, 12, 1132.	1.0	26
856	A Novel Human Long Noncoding RNA <i>SCDAL</i> Promotes Angiogenesis through SNF5â€“Mediated GDF6 Expression. Advanced Science, 2021, 8, e2004629.	5.6	11
857	Multiple interactions between melatonin and nonâ€“coding RNAs in cancer biology. Chemical Biology and Drug Design, 2021, 98, 323-340.	1.5	13
858	Exosomes mediate horizontal transmission of viral pathogens from insect vectors to plant phloem. ELife, 2021, 10, .	2.8	16
859	Inhibition of lncRNA TCONS_00077866 Ameliorates the High Stearic Acid Diet-Induced Mouse Pancreatic Î²-Cell Inflammatory Response by Increasing miR-297b-5p to Downregulate SAA3 Expression. Diabetes, 2021, 70, 2275-2288.	0.3	5
860	Propofol Downregulates lncRNA MALAT1 to Alleviate Cerebral Ischemiaâ€“Reperfusion Injury. Inflammation, 2021, 44, 2580-2591.	1.7	7
861	Transcriptomics Profiling Identifies Cisplatin-Inducible Death Receptor 5 Antisense Long Non-coding RNA as a Modulator of Proliferation and Metastasis in HeLa Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 688855.	1.8	5
862	Non-Coding RNA in Systemic Sclerosis: A Valuable Tool for Translational and Personalized Medicine. Genes, 2021, 12, 1296.	1.0	6
863	Propofol protects cardiomyocytes from hypoxia/reoxygenation injury via regulating MALAT1/miRâ€“206/ATG3 axis. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22880.	1.4	12
864	Advances in Computational Methodologies for Classification and Sub-Cellular Locality Prediction of Non-Coding RNAs. International Journal of Molecular Sciences, 2021, 22, 8719.	1.8	15
865	<sc>LncRNA CASC2</sc> inhibits lung adenocarcinoma progression through forming feedback loop with <sc>miR</sc>â€“21/p53 axis. Kaohsiung Journal of Medical Sciences, 2021, 37, 675-685.	0.8	7
866	TUG1 knockdown suppresses cardiac fibrosis after myocardial infarction. Mammalian Genome, 2021, 32, 435-442.	1.0	12
867	LINC01133 Inhibits Invasion and Promotes Proliferation in an Endometriosis Epithelial Cell Line. International Journal of Molecular Sciences, 2021, 22, 8385.	1.8	4

#	ARTICLE	IF	CITATIONS
868	Long Noncoding RNA RP11-115N4.1 Promotes Inflammatory Responses by Interacting With HNRNPH3 and Enhancing the Transcription of HSP70 in Unexplained Recurrent Spontaneous Abortion. <i>Frontiers in Immunology</i> , 2021, 12, 717785.	2.2	7
869	Identification of Autophagy- and Ferroptosis-Related lncRNAs Functioned through Immune-Related Pathways in Head and Neck Squamous Carcinoma. <i>Life</i> , 2021, 11, 835.	1.1	10
870	Quercetin suppresses inflammatory cytokine production in rheumatoid arthritis fibroblast-like synoviocytes. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1260.	0.8	12
871	Long non-coding RNAs and their involvement in bipolar disorders. <i>Gene</i> , 2021, 796-797, 145803.	1.0	9
872	The choice of negative control antisense oligonucleotides dramatically impacts downstream analysis depending on the cellular background. <i>BMC Genomic Data</i> , 2021, 22, 33.	0.7	0
873	Long Noncoding RNA NTT Context-Dependently Regulates MYB by Interacting With Activated Complex in Hepatocellular Carcinoma Cells. <i>Frontiers in Oncology</i> , 2021, 11, 592045.	1.3	2
874	Long non-coding RNAs as new players in bladder cancer: Lessons from pre-clinical and clinical studies. <i>Life Sciences</i> , 2022, 288, 119948.	2.0	26
875	A Dimethylaminophenyl-Substituted Naphtho[1,2-b]quinolizinium as a Multicolor NIR Probe for the Fluorimetric Detection of Intracellular Nucleic Acids and Proteins. <i>ChemPhotoChem</i> , 2021, 5, 1079-1088.	1.5	2
876	Metastasis associated long noncoding RNAs in glioblastoma: Biomarkers and therapeutic targets. <i>Journal of Cellular Physiology</i> , 2022, 237, 401-420.	2.0	10
877	FOXO3A-induced LINC00926 suppresses breast tumor growth and metastasis through inhibition of PKG1-mediated Warburg effect. <i>Molecular Therapy</i> , 2021, 29, 2737-2753.	3.7	48
878	Identification of a Four-lncRNA Prognostic Signature for Colon Cancer Based on Genome Instability. <i>Journal of Oncology</i> , 2021, 2021, 1-18.	0.6	3
879	A pair of long intergenic non-coding RNA LINC00887 variants act antagonistically to control Carbonic Anhydrase IX transcription upon hypoxia in tongue squamous carcinoma progression. <i>BMC Biology</i> , 2021, 19, 192.	1.7	10
880	Long intragenic non-coding RNA p53-induced transcript (LINC-PINT) as a novel prognosis indicator and therapeutic target in cancer. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112127.	2.5	17
881	Deciphering the chromatin organization and dynamics for muscle stem cell function. <i>Current Opinion in Cell Biology</i> , 2021, 73, 124-132.	2.6	5
882	PFOI stimulates the motility of T24 bladder cancer cells: Possible involvement and activation of lncRNA malat1. <i>Chemosphere</i> , 2022, 287, 131967.	4.2	1
883	IGFBP-4: A promising biomarker for lung cancer. <i>Journal of Medical Biochemistry</i> , 2021, 40, 237-244.	0.7	9
884	Genetic Editing of Long Noncoding RNA Using Technology. <i>Methods in Molecular Biology</i> , 2021, 2372, 169-177.	0.4	0
885	The Biological Roles of lncRNAs and Future Prospects in Clinical Application. <i>Diseases (Basel)</i> , 2021, 9, 10784314.	1.8	12

#	ARTICLE	IF	CITATIONS
886	LncRNA PRADX-mediated recruitment of PRC2/DDX5 complex suppresses UBXN1 expression and activates NF- κ B activity, promoting tumorigenesis. <i>Theranostics</i> , 2021, 11, 4516-4530.	4.6	37
887	Detection of Long Noncoding RNA Expression by. <i>Methods in Molecular Biology</i> , 2021, 2372, 35-42.	0.4	3
888	Tips for Successful lncRNA Knockdown Using Gapmers. <i>Methods in Molecular Biology</i> , 2020, 2176, 121-140.	0.4	8
889	Classification of Long Noncoding RNAs by k-mer Content. <i>Methods in Molecular Biology</i> , 2021, 2254, 41-60.	0.4	15
890	Profiling Long Noncoding RNA Expression Using Custom-Designed Microarray. <i>Methods in Molecular Biology</i> , 2016, 1402, 33-41.	0.4	6
891	What Is the Transcriptome and How it is Evaluated?. , 2014, , 3-48.		5
892	Synthetic Strategies to Identify and Regulate Noncoding RNAs. , 2015, , 23-43.		3
894	Identification of Long Non-Coding RNAs Involved in Chronic Inflammation in Helicobacter Pylori Infection and Associated Gastric Carcinogenesis. , 2016, , 627-638.		1
895	Long Noncoding RNAs: Critical Regulators for Cell Lineage Commitment in the Central Nervous System. <i>Translational Bioinformatics</i> , 2016, , 73-97.	0.0	3
896	Oxidative Stress in Entamoeba histolytica. , 2019, , 257-280.		4
897	An Overview of Non-coding RNAs and Cardiovascular System. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1229, 3-45.	0.8	7
898	Non-coding RNAs and Ischemic Cardiovascular Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1229, 259-271.	0.8	6
899	Obesity-induced reduced expression of the lncRNA ROIT impairs insulin transcription by downregulation of Nrx6.1 methylation. <i>Diabetologia</i> , 2020, 63, 811-824.	2.9	29
900	MicroRNAs (miRNAs) and Long Non-Coding RNAs (lncRNAs) as New Tools for Cancer Therapy: First Steps from Bench to Bedside. <i>Targeted Oncology</i> , 2020, 15, 261-278.	1.7	183
901	The role of a lncRNA (TCONS_00044595) in regulating pineal CLOCK expression after neonatal hypoxiaâ€“ischemia brain injury. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 1-6.	1.0	11
904	Expression of long noncoding RNAs in cancerâ€“associated fibroblasts linked to patient survival in ovarian cancer. <i>Cancer Science</i> , 2020, 111, 1805-1817.	1.7	25
905	A novel lncRNA BADLNCR1 inhibits bovine adipogenesis by repressing <i>GLRX5</i> expression. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7175-7186.	1.6	11
908	Long non-coding RNA ANRIL is upregulated in hepatocellular carcinoma and regulates cell apoptosis by epigenetic silencing of KLF2. <i>Journal of Hematology and Oncology</i> , 2015, 8, 50.	6.9	103

#	ARTICLE	IF	CITATIONS
909	The role of microenvironment in tumor angiogenesis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 204.	3.5	276
910	Strategies to target long non-coding RNAs in cancer treatment: progress and challenges. <i>Egyptian Journal of Medical Human Genetics</i> , 2020, 21, .	0.5	44
911	A Tumor-Specific Prognostic Long Non-Coding RNA Signature in Gastric Cancer. <i>Medical Science Monitor</i> , 2016, 22, 3647-3657.	0.5	35
912	Long Noncoding RNA (lncRNA) Small Nucleolar RNA Host Gene 16 (SNHG16) Predicts Poor Prognosis and Sorafenib Resistance in Hepatocellular Carcinoma. <i>Medical Science Monitor</i> , 2019, 25, 2079-2086.	0.5	39
913	Long noncoding RNAs in hematopoiesis. <i>F1000Research</i> , 2016, 5, 1771.	0.8	6
914	Binding Site Identification and Flexible Docking of Single Stranded RNA to Proteins Using a Fragment-Based Approach. <i>PLoS Computational Biology</i> , 2016, 12, e1004697.	1.5	19
915	Long Non-Coding RNA Profiling in Laryngeal Squamous Cell Carcinoma and Its Clinical Significance: Potential Biomarkers for LSCC. <i>PLoS ONE</i> , 2014, 9, e108237.	1.1	74
916	lncRNA-RNA Interactions across the Human Transcriptome. <i>PLoS ONE</i> , 2016, 11, e0150353.	1.1	77
917	Placenta-Enriched lincRNAs MIR503HG and LINC00629 Decrease Migration and Invasion Potential of JEG-3 Cell Line. <i>PLoS ONE</i> , 2016, 11, e0151560.	1.1	36
918	Genome Wide Identification and Functional Prediction of Long Non-Coding RNAs Responsive to <i>Sclerotinia sclerotiorum</i> Infection in <i>Brassica napus</i> . <i>PLoS ONE</i> , 2016, 11, e0158784.	1.1	121
919	Integrated Analysis of Long Noncoding RNA and mRNA Expression Profile in Advanced Laryngeal Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2016, 11, e0169232.	1.1	51
920	EnHERV: Enrichment analysis of specific human endogenous retrovirus patterns and their neighboring genes. <i>PLoS ONE</i> , 2017, 12, e0177119.	1.1	27
921	lncRNA LINC00152 promotes laryngeal cancer progression by sponging miR-613. <i>Open Medicine (Poland)</i> , 2020, 15, 240-248.	0.6	12
922	Emerging Properties and Functional Consequences of Noncoding Transcription. <i>Genetics</i> , 2017, 207, 357-367.	1.2	42
923	Retroposition as a source of antisense long non-coding RNAs with possible regulatory functions. <i>Acta Biochimica Polonica</i> , 2017, 63, 825-833.	0.3	10
924	Long noncoding RNA ARHGAP27P1 inhibits gastric cancer cell proliferation and cell cycle progression through epigenetically regulating p15 and p16. <i>Aging</i> , 2019, 11, 9090-9110.	1.4	28
925	lncRNA DANCR attenuates brain microvascular endothelial cell damage induced by oxygen-glucose deprivation through regulating of miR-33a-5p/XBP1s. <i>Aging</i> , 2020, 12, 1778-1791.	1.4	26
926	lncRNA OCFRP1 functions as a ceRNA to promote the progression of prostate cancer by regulating SARM1 level via miR-124-3p. <i>Aging</i> , 2020, 12, 8880-8892.	1.4	35

#	ARTICLE	IF	CITATIONS
927	Long non-coding RNA FAM133B-2 represses the radio-resistance of nasopharyngeal cancer cells by targeting miR-34a-5p/CDK6 axis. <i>Aging</i> , 2020, 12, 16936-16950.	1.4	8
928	Silencing of lncRNA MIAT alleviates LPS-induced pneumonia via regulating miR-147a/NKAP/NF- κ B axis. <i>Aging</i> , 2021, 13, 2506-2518.	1.4	19
929	The emerging roles of GPRC5A in diseases. <i>Oncoscience</i> , 2014, 1, 765-776.	0.9	61
930	Decreased TCL6 expression is associated with poor prognosis in patients with clear cell renal cell carcinoma. <i>Oncotarget</i> , 2017, 8, 5789-5799.	0.8	43
931	Identification of androgen-responsive lncRNAs as diagnostic and prognostic markers for prostate cancer. <i>Oncotarget</i> , 2016, 7, 60503-60518.	0.8	83
932	Knockdown of long non-coding RNA CCAT2 suppressed proliferation and migration of glioma cells. <i>Oncotarget</i> , 2016, 7, 81806-81814.	0.8	55
933	A potential prognostic lncRNA signature for predicting survival in patients with bladder urothelial carcinoma. <i>Oncotarget</i> , 2017, 8, 10485-10497.	0.8	39
934	Increased expression of ZEB1-AS1 correlates with higher histopathological grade and promotes tumorigenesis in bladder cancer. <i>Oncotarget</i> , 2017, 8, 24202-24212.	0.8	37
935	Identification of aberrantly expressed long non-coding RNAs in stomach adenocarcinoma. <i>Oncotarget</i> , 2017, 8, 49201-49216.	0.8	55
936	LncRNA UCA1 in anti-cancer drug resistance. <i>Oncotarget</i> , 2017, 8, 64638-64650.	0.8	119
937	A long non-coding RNA signature for predicting survival in patients with colorectal cancer. <i>Oncotarget</i> , 2018, 9, 21687-21695.	0.8	11
938	Tetracycline-inducible shRNA targeting long non-coding RNA PVT1 inhibits cell growth and induces apoptosis in bladder cancer cells. <i>Oncotarget</i> , 2015, 6, 41194-41203.	0.8	79
939	Long noncoding RNA Saf and splicing factor 45 increase soluble Fas and resistance to apoptosis. <i>Oncotarget</i> , 2016, 7, 13810-13826.	0.8	58
940	AB209630, a long non-coding RNA decreased expression in hypopharyngeal squamous cell carcinoma, influences proliferation, invasion, metastasis, and survival. <i>Oncotarget</i> , 2016, 7, 14628-14638.	0.8	25
941	An overview of long non-coding RNAs in ovarian cancers. <i>Oncotarget</i> , 2016, 7, 44719-44734.	0.8	50
942	shRNA targeting long non-coding RNA CCAT2 controlled by tetracycline-inducible system inhibits progression of bladder cancer cells. <i>Oncotarget</i> , 2016, 7, 28989-28997.	0.8	60
943	Long non-coding RNAs in normal and malignant hematopoiesis. <i>Oncotarget</i> , 2016, 7, 50666-50681.	0.8	50
944	Long noncoding RNA CPS1-IT1 suppresses the metastasis of hepatocellular carcinoma by regulating HIF-1 α activity and inhibiting epithelial-mesenchymal transition. <i>Oncotarget</i> , 2016, 7, 43588-43603.	0.8	59

#	ARTICLE	IF	CITATIONS
945	The lncRNA BORG: a novel inducer of TNBC metastasis, chemoresistance, and disease recurrence. <i>Journal of Cancer Metastasis and Treatment</i> , 2019, 2019, .	0.5	9
946	Long non-coding RNAs in diseases related to inflammation and immunity. <i>Annals of Translational Medicine</i> , 2019, 7, 494-494.	0.7	64
947	It's Time for An Epigenomics Roadmap of Heart Failure. <i>Current Genomics</i> , 2015, 16, 237-244.	0.7	10
948	RPS24c Isoform Facilitates Tumor Angiogenesis <i>via</i> Promoting the Stability of MVIH in Colorectal Cancer. <i>Current Molecular Medicine</i> , 2020, 20, 388-395.	0.6	15
949	Long non-coding RNAs in Alzheimer's disease. <i>Current Topics in Medicinal Chemistry</i> , 2015, 16, 511-519.	1.0	33
950	A Novel Model for Predicting LncRNA-disease Associations based on the LncRNA-MiRNA-Disease Interactive Network. <i>Current Bioinformatics</i> , 2019, 14, 269-278.	0.7	22
951	A Novel Approach Based on Point Cut Set to Predict Associations of Diseases and LncRNAs. <i>Current Bioinformatics</i> , 2019, 14, 333-343.	0.7	11
952	Epigenetic Modifications Associated with the Pathogenesis of Type 2 Diabetes Mellitus. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 775-786.	0.6	12
953	Association of lnc-LAMC2-1:1 rs2147578 and CASC8 rs10505477 Polymorphisms with Risk of Childhood Acute Lymphoblastic Leukemia. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 4985-4989.	0.5	16
954	HOTAIR Long Noncoding RNA is not a Biomarker for Acute Myeloid Leukemia (AML) in Iranian Patients. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 1581-1584.	0.5	17
955	Fas-Antisense Long Noncoding RNA and Acute Myeloid Leukemia: Is There any Relation?. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 45-48.	0.5	6
956	Identification of lncRNA-mRNA Regulatory Module to Explore the Pathogenesis and Prognosis of Melanoma. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 615671.	1.8	17
957	Diagnostic and prognostic potential of tissue and circulating long non-coding RNAs in colorectal tumors. <i>World Journal of Gastroenterology</i> , 2019, 25, 5026-5048.	1.4	81
958	Long non-coding RNA DILC is involved in sepsis by modulating the signaling pathway of the interleukin-6/signal transducer and activator of transcription 3/Toll-like receptor 4 axis. <i>Molecular Medicine Reports</i> , 2018, 18, 5775-5783.	1.1	10
959	Profiling lncRNA alterations during TNF α induced osteogenic differentiation of dental pulp stem cells. <i>Molecular Medicine Reports</i> , 2019, 19, 2831-2836.	1.1	5
960	lncRNA SNHG4 promotes cell proliferation, migration, invasion and the epithelial-mesenchymal transition process via sponging miR-204-5p in gastric cancer. <i>Molecular Medicine Reports</i> , 2020, 23, .	1.1	20
961	Long non-coding RNA AFAP1-AS1 facilitates the growth and invasiveness of oral squamous cell carcinoma by regulating the miR-145/HOXA1 axis. <i>Oncology Reports</i> , 2020, 45, 1094-1104.	1.2	11
962	Novel long non-coding RNA LINC02532 promotes gastric cancer cell proliferation, migration, and invasion <i>in vitro</i> . <i>World Journal of Gastrointestinal Oncology</i> , 2019, 11, 91-101.	0.8	25

#	ARTICLE	IF	CITATIONS
963	Microarray Analysis of Long Non-coding RNA Expression Profile Associated with 5-Fluorouracil-Based Chemoradiation Resistance in Colorectal Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 3395-3402.	0.5	30
964	Nucleic acid amplification-integrated single-molecule fluorescence imaging for <i>in vitro</i> and <i>in vivo</i> biosensing. <i>Chemical Communications</i> , 2021, 57, 13415-13428.	2.2	18
965	UFold: fast and accurate RNA secondary structure prediction with deep learning. <i>Nucleic Acids Research</i> , 2022, 50, e14-e14.	6.5	83
966	Potentiated lung adenocarcinoma (LUAD) cell growth, migration and invasion by lncRNA DARS-AS1 via miR-188-5p/ KLF12 axis. <i>Aging</i> , 2021, 13, 23376-23392.	1.4	20
967	RPARP-AS1/miR125a-5p Axis Promotes Cell Proliferation, Migration and Invasion in Colon Cancer. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 5035-5043.	1.0	14
968	A novel upregulated lncRNA hsa-circ-026150.8 promotes chemoresistance and predicts poor prognosis in acute myeloid leukemia. <i>Cancer Medicine</i> , 2021, 10, 8614-8629.	1.3	5
969	Identification and functional annotation of differentially expressed long noncoding RNAs in retinoblastoma. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1447.	0.8	2
970	Health or Disease - Why Does "Dark Matter" Matter More?. <i>Journal of Investigative Genomics</i> , 2014, 1, .	0.2	0
972	Purification of Noncoding RNA and Bound Proteins Using FLAG Peptide-Conjugated Antisense-Oligonucleotides. <i>Methods in Molecular Biology</i> , 2015, 1262, 265-274.	0.4	1
973	The Revolution in Genetic Sequencing and Analysis. , 2015, , 1-43.		0
975	The Revolution in Genetic Sequencing and Analysis. , 2016, , 2793-2835.		0
976	Noncoding RNAs in Ischemic Cardiovascular Disease and Repair Mechanisms. <i>Cardiac and Vascular Biology</i> , 2017, , 61-82.	0.2	1
978	RATA: A method for high-throughput identification of RNA bound transcription factors. <i>Journal of Biological Methods</i> , 2017, 4, e67.	1.0	2
986	Progress in research of long non-coding RNA GAS5 in human tumors. <i>World Chinese Journal of Digestology</i> , 2019, 27, 175-182.	0.0	0
989	Research Progress on Long Non-Coding RNA and Radiotherapy. <i>Medical Science Monitor</i> , 2019, 25, 5757-5770.	0.5	18
990	Abnormal regulation of non-coding RNAs plays a role in development and progression of hepatocellular carcinoma. <i>World Chinese Journal of Digestology</i> , 2019, 27, 1107-1113.	0.0	0
993	lncRNA-Disease Association Prediction Based on Graph Neural Networks and Inductive Matrix Completion. <i>Lecture Notes in Computer Science</i> , 2020, , 262-269.	1.0	2
996	Long non-coding RNAs as potential markers for occurrence, progression, and prognosis of gastric cancer. <i>World Chinese Journal of Digestology</i> , 2020, 28, 544-552.	0.0	0

#	ARTICLE	IF	CITATIONS
1000	An integrative approach identifies dysregulated long non-coding RNAs as microRNA decoys during nevus to melanoma transformation. <i>Melanoma Research</i> , 2020, 30, 594-598.	0.6	0
1001	Intelligent Bio-Responsive Fluorescent Au@shRNA Complexes for Regulated Autophagy and Effective Cancer Bioimaging and Therapeutics. <i>Biosensors</i> , 2021, 11, 425.	2.3	5
1002	A Network-Driven Approach for LncRNA-Disease Association Mapping. <i>Lecture Notes in Computer Science</i> , 2020, , 188-197.	1.0	0
1003	The Identification and Verification of Key Long Noncoding RNAs in Ischemic Stroke. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	7
1004	Identifying Discriminative Biological Function Features and Rules for Cancer-Related Long Non-coding RNAs. <i>Frontiers in Genetics</i> , 2020, 11, 598773.	1.1	6
1005	The paradoxical functions of long noncoding RNAs in hepatocellular carcinoma: Implications in therapeutic opportunities and precision medicine. <i>Genes and Diseases</i> , 2022, 9, 358-369.	1.5	4
1006	MiRNA:RBP Interplay as a Key Regulatory Element in Health and Disease. <i>Proceedings of the Singapore National Academy of Science</i> , 2020, 14, 123-143.	0.1	0
1008	Genome-editing techniques to increase the therapeutic efficacy of monoclonal antibodies. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2019, 74, 378-387.	0.2	0
1009	RNA and bacterial infection. , 2020, , 307-326.		0
1011	Long non-coding RNA LINC00858 promotes TP53-wild-type colorectal cancer progression by regulating the microRNA-25-3p/SMAD7 axis. <i>Oncology Reports</i> , 2020, 43, 1267-1277.	1.2	5
1013	Loss of Hlnc prevents diet-induced hepatic steatosis through binding of IGF2BP2. <i>Nature Metabolism</i> , 2021, 3, 1569-1584.	5.1	11
1014	Lnc-RP11-536-K7.3/SOX2/HIF-1 α signaling axis regulates oxaliplatin resistance in patient-derived colorectal cancer organoids. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 348.	3.5	37
1015	Long non-coding RNA MCM3AP-AS1 drives ovarian cancer progression via the microRNA-143-3p/TAK1 axis. <i>Oncology Reports</i> , 2020, 44, 1375-1384.	1.2	5
1016	Genome-wide discovery and characterization of long noncoding RNAs in African oil palm (<i>Elaeis</i>) Tj ETQq1 1 0.784314 rgBJ /Overlo	0.9	3
1017	Computational prediction of RNA tertiary structures using machine learning methods*. <i>Chinese Physics B</i> , 2020, 29, 108704.	0.7	5
1018	Bruceine D inhibits Cell Proliferation Through Downregulating LINC01667/MicroRNA-138-5p/Cyclin E1 Axis in Gastric Cancer. <i>Frontiers in Pharmacology</i> , 2020, 11, 584960.	1.6	13
1019	C-MYC-induced upregulation of lncRNA SNHG12 regulates cell proliferation, apoptosis and migration in triple-negative breast cancer. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 533-545.	0.0	77
1020	Exploiting Long Noncoding RNAs as Pharmacological Targets to Modulate Epigenetic Diseases. <i>Yale Journal of Biology and Medicine</i> , 2017, 90, 73-86.	0.2	30

#	ARTICLE	IF	CITATIONS
1021	Long non-coding RNA DSCAM-AS1 accelerates the progression of hepatocellular carcinoma via sponging miR-338-3p. American Journal of Translational Research (discontinued), 2019, 11, 4290-4302.	0.0	18
1022	Long non-coding RNA LINC00460 promotes head and neck squamous cell carcinoma cell progression by sponging miR-612 to up-regulate AKT2. American Journal of Translational Research (discontinued), 2019, 11, 6326-6340.	0.0	19
1023	Downregulation of LINC01021 by curcumin analog Da0324 inhibits gastric cancer progression through activation of P53. American Journal of Translational Research (discontinued), 2020, 12, 3429-3444.	0.0	2
1024	Long non-coding RNA fer-1-like family member 4 serves as a tumor suppressor in laryngeal squamous cell carcinoma cells via regulating the AKT/ERK signaling pathway. Molecular Medicine Reports, 2020, 22, 5304-5312.	1.1	2
1025	Hypoxia-induced lncRNA CASC9 enhances glycolysis and the epithelial-mesenchymal transition of pancreatic cancer by a positive feedback loop with AKT/HIF-1 α signaling. American Journal of Cancer Research, 2021, 11, 123-137.	1.4	8
1026	Induction of epithelial-mesenchymal transition (EMT) by hypoxia-induced lncRNA through regulating the histone 4 lysine 16 acetylation (H4K16Ac) mark. American Journal of Cancer Research, 2021, 11, 2618-2636.	1.4	1
1027	A crucial role for the long non-coding RNA in the pathogenesis of human cancers. American Journal of Translational Research (discontinued), 2021, 13, 10922-10932.	0.0	0
1028	LncRNAs in domesticated animals: from dog to livestock species. Mammalian Genome, 2022, 33, 248-270.	1.0	10
1029	Non-Coding RNAs in Response to Drought Stress. International Journal of Molecular Sciences, 2021, 22, 12519.	1.8	32
1030	LINC02532 Contributes to Radiosensitivity in Clear Cell Renal Cell Carcinoma through the miR-654-5p/YY1 Axis. Molecules, 2021, 26, 7040.	1.7	7
1031	High-Throughput Sequencing Profiles About lncRNAs and mRNAs of Ovarian Granulosa Cells in Polycystic Ovary Syndrome. Frontiers in Medicine, 2021, 8, 741803.	1.2	2
1032	Identification of a novel prognosis-associated ceRNA network in lung adenocarcinoma via bioinformatics analysis. BioMedical Engineering OnLine, 2021, 20, 117.	1.3	4
1033	What is beyond lncRNAs in breast cancer: A special focus on colon cancer-associated Transcript-1 (CCAT-1). Non-coding RNA Research, 2021, 6, 174-186.	2.4	14
1034	Evaluation of serum long non-coding RNA (Gas5) level and keratinocyte transglutaminase 1 (TGM1) activity as novel biomarkers in psoriasis patients. Gene Reports, 2021, 25, 101421.	0.4	0
1035	Molecular Analysis of the Involvements of lncRNA in Cancer Development. , 2021, , 1-14.		1
1036	Long non-coding RNA TUG1 knockdown repressed the viability, migration and differentiation of osteoblasts by sponging miR-214. Experimental and Therapeutic Medicine, 2022, 23, 203.	0.8	5
1037	The roles of long non-coding RNAs in lung cancer. Journal of Cancer, 2022, 13, 174-183.	1.2	13
1038	A novel imatinib-upregulated long noncoding RNA plays a critical role in inhibition of tumor growth induced by Abl oncogenes. Molecular Cancer, 2022, 21, 5.	7.9	4

#	ARTICLE	IF	CITATIONS
1039	PBX3-activated DLG1-AS1 can promote the proliferation, invasion, and migration of TNBC cells by sponging miR-16-5p. <i>Molecular Therapy - Oncolytics</i> , 2022, 25, 201-210.	2.0	1
1040	Long non-coding RNA ferê'1â€like family memberÂ4 serves as a tumor suppressor in laryngeal squamous cell carcinoma cells via regulating the AKT/ERK signaling pathway. <i>Molecular Medicine Reports</i> , 2020, 22, 5304-5312.	1.1	3
1041	Long non-coding RNA ST8SIA6â€AS1 promotes the migration and invasion of hypoxiaâ€treated hepatocellular carcinoma cells through the miRâ€338/MEPCE axis. <i>Oncology Reports</i> , 2020, 45, 73-82.	1.2	12
1042	LINC02190 inhibits the embryoâ€endometrial attachment by decreasing ITGAD expression. <i>Reproduction</i> , 2022, 163, 107-118.	1.1	5
1043	Prediction of lncRNA-disease association based on a Laplace normalized random walk with restart algorithm on heterogeneous networks. <i>BMC Bioinformatics</i> , 2022, 23, 5.	1.2	16
1044	<scp>PINTology</scp>: A short history of the <scp>lncRNA LINCâ€PINT</scp> in different diseases. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022, 13, e1705.	3.2	11
1045	Novel insights into the mechanisms by which lncRNA HOTAIR regulates migration and invasion in HeLa cells. <i>Cell Cycle</i> , 2022, , 1-16.	1.3	0
1047	The Interaction Between N6-Methyladenosine Modification and Non-Coding RNAs in Gastrointestinal Tract Cancers. <i>Frontiers in Oncology</i> , 2021, 11, 784127.	1.3	7
1048	p73-regulated FER1L4 lncRNA sponges the oncogenic potential of miR-1273g-3p and aids in the suppression of colorectal cancer metastasis. <i>IScience</i> , 2022, 25, 103811.	1.9	6
1049	Molecular Analysis of the Involvements of lncRNA in Cancer Development. , 2022, , 2295-2308.		0
1050	Long noncoding RNA ADIRF antisense RNA 1 upregulates insulin receptor substrate 1 to decrease the aggressiveness of osteosarcoma by sponging microRNA-761. <i>Bioengineered</i> , 2022, 13, 2028-2043.	1.4	6
1051	Prenatal Cadmium Exposure Alters Proliferation in Mouse CD4+ T Cells via lncRNA Snhg7. <i>Frontiers in Immunology</i> , 2021, 12, 720635.	2.2	4
1052	Novel Insights into the Differences in Nutrition Value, Gene Regulation and Network Organization between Muscles from Pasture-Fed and Barn-Fed Goats. <i>Foods</i> , 2022, 11, 381.	1.9	6
1053	Screening and identification of differentially expressed long non-coding RNAs in multidrug-resistant tuberculosis. <i>PeerJ</i> , 2022, 10, e12776.	0.9	6
1054	The Role of Long Non-Coding RNAs in the Tumor Immune Microenvironment. <i>Frontiers in Immunology</i> , 2022, 13, 851004.	2.2	12
1055	MYC/MAX-Activated LINC00958 Promotes Lung Adenocarcinoma by Oncogenic Transcriptional Reprogramming Through HOXA1 Activation. <i>Frontiers in Oncology</i> , 2022, 12, 807507.	1.3	6
1056	lncRNA LINC00525 activates HIF-1Î± through miR-338-3p / UBE2Q1 / Î²-catenin axis to regulate the Warburg effect in colorectal cancer. <i>Bioengineered</i> , 2022, 13, 2552-2565.	1.4	10
1057	Long non-coding RNA H19 modulates proliferation and apoptosis in osteoarthritis via regulating miR-106a-5p. <i>Journal of Biosciences</i> , 2019, 44, .	0.5	8

#	ARTICLE	IF	CITATIONS
1058	A Role for lncRNAs in Regulating Inflammatory and Autoimmune Responses Underlying Type 1 Diabetes. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1363, 97-118.	0.8	2
1060	Integrative Analysis of lncRNA-mRNA Co-expression Provides Novel Insights Into the Regulation of Developmental Transitions in Female <i>Varroa destructor</i> . <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	4
1061	Construction of a Co-Expression Network for lncRNAs and mRNAs Related to Urothelial Carcinoma of the Bladder Progression. <i>Frontiers in Oncology</i> , 2022, 12, 835074.	1.3	3
1062	Integrating lncRNAs and mRNAs Expression Profiles in Penicillin-Induced Persistent Chlamydial Infection in HeLa Cells. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 744901.	1.6	0
1063	Dysregulated pseudogene <i>BNIP3P1</i> inhibited cell proliferation and promoted cell apoptosis in preeclampsia by acting as a competing endogenous <i>RNA</i> for <i>BNIP3</i> . <i>Environmental Toxicology</i> , 2022, 37, 971-982.	2.1	1
1064	An integrated analysis of the competing endogenous RNA network associated of prognosis of stage I lung adenocarcinoma. <i>BMC Cancer</i> , 2022, 22, 188.	1.1	0
1065	Systematic Survey of the Regulatory Networks of the Long Noncoding RNA BANCR in Cervical Cancer Cells. <i>Journal of Proteome Research</i> , 2022, 21, 1137-1152.	1.8	5
1066	Long noncoding RNA <i>Lnc-DIF</i> inhibits bone formation by sequestering <i>miR-489-3p</i> . <i>IScience</i> , 2022, 25, 103949.	1.9	9
1068	Genome-wide identification and characterization of <i>Fusarium circinatum</i> -responsive lncRNAs in <i>Pinus radiata</i> . <i>BMC Genomics</i> , 2022, 23, 194.	1.2	4
1069	Construction of a new immune-related lncRNA model and prediction of treatment and survival prognosis of human colon cancer. <i>World Journal of Surgical Oncology</i> , 2022, 20, 71.	0.8	2
1070	MILNP: Plant lncRNA-miRNA Interaction Prediction Based on Improved Linear Neighborhood Similarity and Label Propagation. <i>Frontiers in Plant Science</i> , 2022, 13, 861886.	1.7	2
1071	Effects of neonatal methoxychlor exposure on the ovarian transcriptome in piglets. <i>Animal Reproduction Science</i> , 2022, 238, 106956.	0.5	2
1072	A peptide encoded by <i>miR-31</i> represses autoimmunity by promoting T _{reg} differentiation. <i>EMBO Reports</i> , 2022, 23, e53475.	2.0	15
1073	Regulation of ROCK1/2 by long non-coding RNAs and circular RNAs in different cancer types (Review). <i>Oncology Letters</i> , 2022, 23, 159.	0.8	6
1074	Long non-coding RNAs regulate fatty acid and cholesterol metabolism. <i>Genome Instability & Disease</i> , 2022, 3, 70-82.	0.5	4
1075	Zooming in on Long Non-Coding RNAs in Ewing Sarcoma Pathogenesis. <i>Cells</i> , 2022, 11, 1267.	1.8	5
1076	Comprehensive Analysis Identifies Ameloblastin-Related Competitive Endogenous RNA as a Prognostic Biomarker for Testicular Germ Cell Tumour. <i>Cancers</i> , 2022, 14, 1870.	1.7	3
1077	Prognostic value and immune infiltration of novel signatures in colon cancer microenvironment. <i>Cancer Cell International</i> , 2021, 21, 679.	1.8	2

#	ARTICLE	IF	CITATIONS
1078	Long Noncoding RNA HCG18 Promotes Malignant Phenotypes of Breast Cancer Cells via the HCG18/miR-103a-3p/UBE2O/mTORC1/HIF-1 α Positive Feedback Loop. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 675082.	1.8	10
1079	ETV5-mediated upregulation of lncRNA CTBP1-DT as a ceRNA facilitates HGSOc progression by regulating miR-188-5p/MAP3K3 axis. <i>Cell Death and Disease</i> , 2021, 12, 1146.	2.7	9
1080	Novel Contribution of Long Non-coding RNA <i>MEG3</i> Genotype to Prediction of Childhood Leukemia Risk. <i>Cancer Genomics and Proteomics</i> , 2022, 19, 27-34.	1.0	9
1081	Non-coding RNA-associated competitive endogenous RNA regulatory networks: Novel diagnostic and therapeutic opportunities for hepatocellular carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 287-305.	1.6	12
1082	Role of Exosomal Non-Coding RNAs in Bone-Related Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 811666.	1.8	6
1083	Long noncoding RNA GSEC promotes neutrophil inflammatory activation by supporting PFKFB3-involved glycolytic metabolism in sepsis. <i>Cell Death and Disease</i> , 2021, 12, 1157.	2.7	13
1084	Differential Expression of Long Non-Coding RNAs and Their Role in Rodent Neuropathic Pain Models. <i>Journal of Pain Research</i> , 2021, Volume 14, 3935-3950.	0.8	4
1085	Anti-Cancer Role and Therapeutic Potential of Extracellular Vesicles. <i>Cancers</i> , 2021, 13, 6303.	1.7	4
1086	lncRNA-mediated ceRNA networks provide novel potential biomarkers for peanut drought tolerance. <i>Physiologia Plantarum</i> , 2022, 174, e13610.	2.6	10
1087	Progresses in epigenetic studies of asthma from the perspective of high-throughput analysis technologies: a narrative review. <i>Annals of Translational Medicine</i> , 2021, 10, 0-0.	0.7	3
1088	Combinatorial RNA therapies in cancer immunotherapy: Challenges and directions. , 2022, , 425-449.		0
1089	lncRNA PCAT1 activates SOX2 and suppresses radioimmune responses via regulating cGAS/STING signalling in non-small cell lung cancer. <i>Clinical and Translational Medicine</i> , 2022, 12, e792.	1.7	14
1090	A novel ceRNA-immunoregulatory axis based on immune cell infiltration in ulcerative colitis-associated colorectal carcinoma by integrated weighted gene co-expression network analysis. <i>BMC Gastroenterology</i> , 2022, 22, 188.	0.8	1
1091	The promising role of new molecular biomarkers in prostate cancer: from coding and non-coding genes to artificial intelligence approaches. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 431-443.	2.0	44
1150	LINC01857 promotes the proliferation, migration, and invasion of gastric cancer cells via regulating miR-4731-5p/HOXC6. <i>Canadian Journal of Physiology and Pharmacology</i> , 2022, 100, 689-701.	0.7	3
1151	Research on lncRNA and Disease Associations Prediction Base on Data Mining. <i>Journal of Physics: Conference Series</i> , 2022, 2219, 012029.	0.3	1
1152	Deciphering the Non-Coding RNA Landscape of Pediatric Acute Myeloid Leukemia. <i>Cancers</i> , 2022, 14, 2098.	1.7	2
1153	Cross Brain-Gut Analysis Highlighted Hub Genes and lncRNA Networks Differentially Modified During Leucine Consumption and Endurance Exercise in Mice with Depression-Like Behaviors. <i>Molecular Neurobiology</i> , 2022, 59, 4106-4123.	1.9	28

#	ARTICLE	IF	CITATIONS
1154	Comparative Transcriptome Analysis Reveals Regulatory Mechanism of Long Non-Coding RNAs during Abdominal Preadipocyte Adipogenic Differentiation in Chickens. <i>Animals</i> , 2022, 12, 1099.	1.0	1
1155	Characterizing the landscape of cervical squamous cell carcinoma immune microenvironment by integrating the single-cell transcriptomics and RNA-seq. <i>Immunity, Inflammation and Disease</i> , 2022, 10, .	1.3	4
1156	The Emerging Role of LncRNA FENDRR in Multiple Cancers: A Review. <i>Current Molecular Medicine</i> , 2023, 23, 606-629.	0.6	5
1158	FAM167A-AS1/LIN28B Regulates the Warburg Effect to Promote Gastric Cancer Progression by Stabilizing c-MYC mRNA. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1159	Conditional Mutations and New Genes in <i>Drosophila</i> . , 0, , .		0
1160	LINC00839 Promotes the Progression of Gastric Cancer by Sponging miR-1236-3p. <i>Bulletin of Experimental Biology and Medicine</i> , 2022, 173, 81-86.	0.3	3
1161	LncRNAs in Osteoarthritis. <i>Clinica Chimica Acta</i> , 2022, 532, 145-163.	0.5	17
1162	LncRNA LINC00961 regulates endothelial-mesenchymal transition via the PTEN-PI3K-AKT pathway. <i>Molecular Medicine Reports</i> , 2022, 26, .	1.1	5
1164	Non-coding RNA-based regulation of inflammation. <i>Seminars in Immunology</i> , 2022, 59, 101606.	2.7	40
1165	A long noncoding RNA promotes parasite differentiation in African trypanosomes. <i>Science Advances</i> , 2022, 8, .	4.7	12
1166	MALINC1 an Immune-Related Long Non-Coding RNA Associated with Early-Stage Breast Cancer Progression. <i>Cancers</i> , 2022, 14, 2819.	1.7	2
1167	Distinguishable Prognostic Signatures and Tumor Immunogenicity Between Pancreatic Head Cancer and Pancreatic Body/Tail Cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	2
1168	Long non-coding RNA LOC644135 is a potential prognostic indicator in cytogenetically normal acute myeloid leukemia. <i>Expert Review of Hematology</i> , 0, , 1-9.	1.0	1
1169	Risk SNP-mediated LINC01614 upregulation drives head and neck squamous cell carcinoma progression via PI3K/AKT signaling pathway. <i>Molecular Carcinogenesis</i> , 2022, 61, 797-811.	1.3	6
1170	Molecular Landscape of LncRNAs in Prostate Cancer: A focus on pathways and therapeutic targets for intervention. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, .	3.5	69
1171	Non-Coding RNAs and Oral Cancer: Small Molecules With Big Functions. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	5
1172	Clinicopathological Significance and Prognostic Values of Long Noncoding RNA BCYRN1 in Cancer Patients: A Meta-Analysis and Bioinformatics Analysis. <i>Journal of Oncology</i> , 2022, 2022, 1-15.	0.6	2
1173	Long non-coding RNA, a supreme post-transcriptional immune regulator of bacterial or virus-driven immune evolution in teleost. <i>Reviews in Aquaculture</i> , 2023, 15, 163-178.	4.6	8

#	ARTICLE	IF	CITATIONS
1174	Molecular regulation of hypoxia through the lenses of noncoding <scp>RNAs</scp> and epitranscriptome. Wiley Interdisciplinary Reviews RNA, 2023, 14, .	3.2	6
1175	Emerging biology of noncoding RNAs in malaria parasites. PLoS Pathogens, 2022, 18, e1010600.	2.1	11
1176	Precision Anti-Cancer Medicines by Oligonucleotide Therapeutics in Clinical Research Targeting Undruggable Proteins and Non-Coding RNAs. Pharmaceutics, 2022, 14, 1453.	2.0	6
1177	LINC01234 Accelerates the Progression of Breast Cancer via the miR-525-5p/Cold Shock Domain-Containing E1 Axis. Disease Markers, 2022, 2022, 1-16.	0.6	3
1178	Regulation of Adipose Thermogenesis and its Critical Role in Glucose and Lipid Metabolism. International Journal of Biological Sciences, 2022, 18, 4950-4962.	2.6	6
1179	Altered TDP-43 Structure and Function: Key Insights into Aberrant RNA, Mitochondrial, and Cellular and Systemic Metabolism in Amyotrophic Lateral Sclerosis. Metabolites, 2022, 12, 709.	1.3	9
1180	Age-specific impacts of nicotine and withdrawal on hippocampal neuregulin signalling. European Journal of Neuroscience, 2022, 56, 4705-4719.	1.2	2
1181	lncRNA-disease association prediction based on matrix decomposition of elastic network and collaborative filtering. Scientific Reports, 2022, 12, .	1.6	2
1182	LINC00665 affects the malignant biological behavior of ovarian cancer via the miR-148b-3p/KLF5. Systems Biology in Reproductive Medicine, 0, , 1-14.	1.0	0
1183	Development and validation of cuproptosis-related gene signature in the prognostic prediction of liver cancer. Frontiers in Oncology, 0, 12, .	1.3	22
1184	TUG1/MAZ/FTH1 Axis Attenuates the Antiglioma Effect of Dihydroartemisinin by Inhibiting Ferroptosis. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-28.	1.9	8
1185	Long Non-Coding RNA AC008972.1 as a Novel Therapeutic Target for Prostate Cancer. Cancer Biotherapy and Radiopharmaceuticals, 0, , .	0.7	2
1186	Noncoding RNAs in cataract formation: Star molecules emerge in an endless stream. Pharmacological Research, 2022, 184, 106417.	3.1	6
1187	Post-transcriptional regulation of gene expression in Entamoeba histolytica. , 2022, , 295-307.		0
1188	c-Myc-Regulated lncRNA-IGFBP4 Suppresses Autophagy in Cervical Cancer-Originated HeLa Cells. Disease Markers, 2022, 2022, 1-12.	0.6	2
1189	An overview of long noncoding RNAs: Biology, functions, therapeutics, analysis methods, and bioinformatics tools. Cell Biochemistry and Function, 2022, 40, 800-825.	1.4	3
1190	LncRNA Airn maintains LSEC differentiation to alleviate liver fibrosis via the KLF2-eNOS-sGC pathway. BMC Medicine, 2022, 20, .	2.3	16
1191	Identification of molecular patterns and diagnostic biomarkers in juvenile idiopathic arthritis based on the gene expression of m6A regulators. Frontiers in Pediatrics, 0, 10, .	0.9	1

#	ARTICLE	IF	CITATIONS
1192	Interactome battling of lncRNA CCDC144NL-AS1: Its role in the emergence and ferocity of cancer and beyond. <i>International Journal of Biological Macromolecules</i> , 2022, 222, 1676-1687.	3.6	44
1193	Small non-coding RNA therapeutics for cardiovascular disease. <i>European Heart Journal</i> , 2022, 43, 4548-4561.	1.0	24
1194	Genome-wide identification, characterization, and functional analysis of lncRNAs in <i>Hevea brasiliensis</i> . <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2
1195	The Role of Noncoding RNA in Airway Allergic Diseases through Regulation of T Cell Subsets. <i>Mediators of Inflammation</i> , 2022, 2022, 1-15.	1.4	4
1196	Non-coding RNAs targeting notch signaling pathway in cancer: From proliferation to cancer therapy resistance. <i>International Journal of Biological Macromolecules</i> , 2022, 222, 1151-1167.	3.6	9
1197	Revolution in Genetics. , 2022, , 3153-3200.		0
1198	RNA-sequencing analysis reveals the long noncoding RNA profile in the mouse myopic retina. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
1199	Oxidative Stress and Its Modulation by Ladostigil Alter the Expression of Abundant Long Non-Coding RNAs in SH-SY5Y Cells. <i>Non-coding RNA</i> , 2022, 8, 72.	1.3	1
1200	Long noncoding RNA transcriptome analysis reveals novel lncRNAs in <i>Morus alba</i> in response to drought stress. <i>Plant Genome</i> , 0, , .	1.6	3
1202	LOC101929709 promotes gastric cancer progression by aiding LIN28B to stabilize c-MYC mRNA. <i>Gastric Cancer</i> , 2023, 26, 169-186.	2.7	5
1203	Circulating MicroRNAs as Cancer Biomarkers in Liquid Biopsies. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 23-73.	0.8	10
1204	Epigenetic alterations fuel brain metastasis via regulating inflammatory cascade. <i>Seminars in Cell and Developmental Biology</i> , 2022, , .	2.3	1
1205	Spermine synthase (SMS) serves as a prognostic biomarker in head and neck squamous cell carcinoma: a bioinformatics analysis. <i>Annals of Translational Medicine</i> , 2022, 10, 1213-1213.	0.7	1
1206	Computational approaches and challenges for identification and annotation of non-coding RNAs using RNA-Seq. <i>Functional and Integrative Genomics</i> , 2022, 22, 1105-1112.	1.4	9
1207	Long non-coding RNA NEAT1 promotes mouse granulosa cell proliferation and estradiol synthesis by sponging miR-874-3p. <i>Experimental and Therapeutic Medicine</i> , 2022, 25, .	0.8	2
1208	DHOSGR: lncRNA-disease Association Prediction Based on Decay High-order Similarity and Graph-regularized Matrix Completion. <i>Current Bioinformatics</i> , 2023, 18, 92-104.	0.7	2
1209	Naringenin Prevents Oxidative Stress and Inflammation in LPS-Induced Liver Injury through the Regulation of lncRNA-mRNA in Male Mice. <i>Molecules</i> , 2023, 28, 198.	1.7	6
1210	Long noncoding RNA HOTAIR facilitates pulmonary vascular endothelial cell apoptosis via DNMT1 mediated hypermethylation of Bcl-2 promoter in COPD. <i>Respiratory Research</i> , 2022, 23, .	1.4	8

#	ARTICLE	IF	CITATIONS
1211	Recent Advances in Genetic Epidemiology of Colorectal Cancer in Chinese Population. , 2022, , 187-214.		0
1212	Drugging non-coding RNAs: A new light of hope in senescence-related cancer therapy. Chemical Biology and Drug Design, 0, , .	1.5	0
1214	CircFhit Modulates GABAergic Synaptic Transmission via Regulating the Parental Gene Fhit Expression in the Spinal Dorsal Horn in a Rat Model of Neuropathic Pain. Neuroscience Bulletin, 0, , .	1.5	1
1215	RBM10 recruits METTL3 to induce N6-methyladenosine-MALAT1-dependent modification, inhibiting the invasion and migration of NSCLC. Life Sciences, 2023, 315, 121359.	2.0	9
1216	Biochemistry of exosomes and their theranostic potential in human diseases. Life Sciences, 2023, 315, 121369.	2.0	5
1217	Current Technical Approaches to Study RNA-Protein Interactions in mRNAs and Long Non-Coding RNAs. Biochem, 2023, 3, 1-14.	0.5	0
1218	H3K27 acetylation activated long noncoding RNA RP11-162G10.5 promotes breast cancer progression via the YBX1/GLO1 axis. Cellular Oncology (Dordrecht), 2023, 46, 375-390.	2.1	3
1219	Photobiomodulation promotes spinal cord injury repair by inhibiting macrophage polarization through lncRNA TUG1-miR-1192/TLR3 axis. Cellular and Molecular Biology Letters, 2023, 28, .	2.7	7
1220	Expression profiles of lncRNAs and their possible regulatory role in monocrotaline-induced HSOS in rats. Frontiers in Genetics, 0, 14, .	1.1	1
1221	Insights into the Molecular Mechanisms Regulating Cell Behavior in Response to Magnetic Materials and Magnetic Stimulation in Stem Cell (Neurogenic) Differentiation. International Journal of Molecular Sciences, 2023, 24, 2028.	1.8	6
1223	Bioinformatic analysis of differentially expressed profiles of lncRNAs and miRNAs with their related ceRNA network in endometrial cancer. Medicine (United States), 2023, 102, e32573.	0.4	0
1224	XIST/let-7i/HMGA1 axis maintains myofibroblasts activities in oral submucous fibrosis. International Journal of Biological Macromolecules, 2023, 232, 123400.	3.6	2
1225	O PAPEL DOS RNAS LONGOS NÃO CODIFICANTES NA INSUFICIÃNCIA CARDÃACA: UMA REVISÃO DE LITERATURA. Arquivos De CiÃncias Da SaÃde Da UNIPAR, 2023, 27, 1147-1163.	0.1	0
1226	LINC00115 regulates lung adenocarcinoma progression via sponging miR-154-3p to modulate Sp3 expression. Molecular and Cellular Probes, 2023, 68, 101909.	0.9	3
1227	A proinflammatory long noncoding RNA lncenc1 regulates inflammasome activation in macrophage. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2023, 324, L584-L595.	1.3	2
1228	Distinct regulatory functions and biological roles of lncRNA splice variants. Molecular Therapy - Nucleic Acids, 2023, 32, 127-143.	2.3	5
1229	lncRNA TINCR impairs the efficacy of immunotherapy against breast cancer by recruiting DNMT1 and downregulating MiR-199a-5p via the STAT1-TINCR-USP20-PD-L1 axis. Cell Death and Disease, 2023, 14, .	2.7	19
1230	ncR2Met (lncR2metasta v2.0): An updated database for experimentally supported ncRNAs during cancer metastatic events. Genomics, 2023, 115, 110569.	1.3	1

#	ARTICLE	IF	CITATIONS
1231	Investigating the molecular mechanisms of delirium-like neuropsychiatric disorder induced by electromagnetic pulse based on bioinformatics analysis. <i>Molecular Brain</i> , 2023, 16, .	1.3	0
1232	Genetic dissection of the impact of lncRNA AI662270 during the development of atherosclerosis. <i>Journal of Translational Medicine</i> , 2023, 21, .	1.8	3
1233	Epigenetic regulation in metabolic diseases: mechanisms and advances in clinical study. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	45
1234	Pan-Cancer Analysis Reveals Functional Similarity of Three lncRNAs across Multiple Tumors. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4796.	1.8	1
1235	Epigenetics as a versatile regulator of fibrosis. <i>Journal of Translational Medicine</i> , 2023, 21, .	1.8	8
1236	RNAJP: enhanced RNA 3D structure predictions with non-canonical interactions and global topology sampling. <i>Nucleic Acids Research</i> , 2023, 51, 3341-3356.	6.5	9
1237	The Role of Placental Non-Coding RNAs in Adverse Pregnancy Outcomes. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5030.	1.8	1
1238	The coral microbiome: towards an understanding of the molecular mechanisms of coral's microbiota interactions. <i>FEMS Microbiology Reviews</i> , 2023, 47, .	3.9	15
1239	lncFALEC recruits ART5/PARP1 and promotes castration-resistant prostate cancer through enhancing PARP1-mediated self PARylation. <i>Cellular Oncology (Dordrecht)</i> , 0, , .	2.1	0
1241	Long Non-Coding RNA-GDA-1 Promotes Keratinocyte Proliferation and Psoriasis Inflammation by Regulating the STAT3/NF- κ B Signaling Pathway via Forkhead Box M1. <i>Inflammation</i> , 2023, 46, 1209-1220.	1.7	0
1242	Long noncoding RNAs: biogenesis, regulation, function, and their emerging significance in toxicology. <i>Toxicology Mechanisms and Methods</i> , 2023, 33, 541-551.	1.3	1
1243	lncRNA expression analysis by comparative transcriptomics among closely related poplars and their regulatory roles in response to salt stress. <i>Tree Physiology</i> , 2023, 43, 1233-1249.	1.4	2
1244	Comprehensive analysis of prognostic value and immunotherapy prospect of brain cytoplasmic RNA1 in hepatocellular carcinoma. <i>World Journal of Gastrointestinal Oncology</i> , 0, 15, 644-664.	0.8	0
1246	Targeting miRNAs and Other Non-Coding RNAs as a Therapeutic Approach: An Update. <i>Non-coding RNA</i> , 2023, 9, 27.	1.3	14
1247	Clinical Importance of the lncRNA <i>NEAT1</i> in Cancer Patients Treated with Immune Checkpoint Inhibitors. <i>Clinical Cancer Research</i> , 2023, 29, 2226-2238.	3.2	8
1248	Non-coding RNAs: Role of miRNAs and lncRNAs in the regulation of autophagy in hepatocellular carcinoma (Review). <i>Oncology Reports</i> , 2023, 49, .	1.2	2
1249	lncRNA modulates Hippo-YAP signaling to reprogram iron metabolism. <i>Nature Communications</i> , 2023, 14, .	5.8	5
1259	Regulatory non-coding RNAs-biogenesis, mechanisms of action and role in gene expression regulation. , 2023, , 47-88.		0

#	ARTICLE	IF	CITATIONS
1301	RNA Conformational Ensembles from NMR Residual Dipolar Couplings. , 2024, , 206-251.		0