

Modular regulatory principles of large non-coding RNA

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Folding RNA/DNA hybrid duplexes. <i>Bioinformatics</i> , 2012, 28, 2530-2531.	1.8	17
4	Epigenetics and stroke risk – beyond the static DNA code. <i>Advances in Genomics and Genetics</i> , 2012, , 67.	0.8	2
5	Emerging personalized oncology: sequencing and systems strategies. <i>Future Oncology</i> , 2012, 8, 637-641.	1.1	16
6	Cistrome plasticity and mechanisms of cistrome reprogramming. <i>Cell Cycle</i> , 2012, 11, 3199-3210.	1.3	10
7	A DECADE AFTER THE FIRST FULL HUMAN GENOME SEQUENCING: WHEN WILL WE UNDERSTAND OUR OWN GENOME?. <i>Journal of Bioinformatics and Computational Biology</i> , 2012, 10, 1271001.	0.3	35
8	Epigenomics of cancer â emerging new concepts. <i>Biochimie</i> , 2012, 94, 2219-2230.	1.3	70
9	AS1DHRS4, a head-to-head natural antisense transcript, silences the <i>DHRS4</i> gene cluster in <i>cis</i> and <i>trans</i>. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14110-14115.	3.3	83
10	Chromatin structure, epigenetic mechanisms and long&Erange interactions in the human insulin locus. <i>Diabetes, Obesity and Metabolism</i> , 2012, 14, 1-11.	2.2	15
11	Regulation of mammalian cell differentiation by long non&Ecoding RNAs. <i>EMBO Reports</i> , 2012, 13, 971-983.	2.0	292
12	Epigenetic Regulation by Long Noncoding RNAs. <i>Science</i> , 2012, 338, 1435-1439.	6.0	1,159
13	Systematic reconstruction of RNA functional motifs with high-throughput microfluidics. <i>Nature Methods</i> , 2012, 9, 1192-1194.	9.0	69
14	Centromeric heterochromatin assembly in fission yeastâbalancing transcription, RNA interference and chromatin modification. <i>Chromosome Research</i> , 2012, 20, 521-534.	1.0	28
15	Long Noncoding RNAs in Cardiac Development and Pathophysiology. <i>Circulation Research</i> , 2012, 111, 1349-1362.	2.0	220
16			

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21	Human \hat{I}^2 Cell Transcriptome Analysis Uncovers lncRNAs That Are Tissue-Specific, Dynamically Regulated, and Abnormally Expressed in Type 2 Diabetes. <i>Cell Metabolism</i> , 2012, 16, 435-448.	7.2	410
22	Epigenetic-dependent regulation of drug transport and metabolism: an update. <i>Pharmacogenomics</i> , 2012, 13, 1373-1385.	0.6	42
23	Prediction of novel long non-coding RNAs based on RNA-Seq data of mouse Klf1 knockout study. <i>BMC Bioinformatics</i> , 2012, 13, 331.	1.2	117
24	Transposable elements reveal a stem cell-specific class of long noncoding RNAs. <i>Genome Biology</i> , 2012, 13, R107.	13.9	462
25	Emerging role of non-coding RNA in neural plasticity, cognitive function, and neuropsychiatric disorders. <i>Frontiers in Genetics</i> , 2012, 3, 132.	1.1	68
26	HELLP babies link a novel lincRNA to the trophoblast cell cycle. <i>Journal of Clinical Investigation</i> , 2012, 122, 4003-4011.	3.9	66
27	Endogenous viruses: insights into viral evolution and impact on host biology. <i>Nature Reviews Genetics</i> , 2012, 13, 283-296.	7.7	721
29	Structure and Function of Noncanonical Nucleobases. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7110-7131.	7.2	159
30	Macro lncRNAs. <i>RNA Biology</i> , 2012, 9, 731-741.	1.5	67
31	RNA-Seq defines novel genes, RNA processing patterns and enhancer maps for the early stages of nephrogenesis: Hox supergenes. <i>Developmental Biology</i> , 2012, 368, 4-17.	0.9	37
32	Mutations within lncRNAs are effectively selected against in fruitfly but not in human. <i>Genome Biology</i> , 2013, 14, R49.	13.9	62
33	Short-term memory of danger signals and environmental stimuli in immune cells. <i>Nature Immunology</i> , 2013, 14, 777-784.	7.0	77
34	Effect of different arginine methylations on the thermodynamics of Tat peptide binding to HIV-1 TAR RNA. <i>Biochimie</i> , 2013, 95, 1422-1431.	1.3	11
35	Gene regulation by the act of long non-coding RNA transcription. <i>BMC Biology</i> , 2013, 11, 59.	1.7	685
36	Long Non-Coding RNAs: Challenges for Diagnosis and Therapies. <i>Nucleic Acid Therapeutics</i> , 2013, 23, 15-20.	2.0	163
37	The Non-coding Road Towards Cardiac Regeneration. <i>Journal of Cardiovascular Translational Research</i> , 2013, 6, 909-923.	1.1	10
38	Single-cell RNA-Seq profiling of human preimplantation embryos and embryonic stem cells. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 1131-1139.	3.6	1,416
39	A Long Noncoding RNA Mediates Both Activation and Repression of Immune Response Genes. <i>Science</i> , 2013, 341, 789-792.	6.0	925

#	ARTICLE	IF	CITATIONS
40	Genome-wide identification of <i>Sox8</i> , and <i>Sox9</i> -dependent genes during early postnatal testis development in the mouse. <i>Andrology</i> , 2013, 1, 281-292.	1.9	14
41	Long noncoding RNAs: New players in prostate cancer. <i>Cancer Letters</i> , 2013, 339, 8-14.	3.2	45
42	Roles of long noncoding RNAs in brain development, functional diversification and neurodegenerative diseases. <i>Brain Research Bulletin</i> , 2013, 97, 69-80.	1.4	330
43	3S: Shotgun secondary structure determination of long non-coding RNAs. <i>Methods</i> , 2013, 63, 170-177.	1.9	56
44	Long non-coding RNA ANRIL (CDKN2B-AS) is induced by the ATM-E2F1 signaling pathway. <i>Cellular Signalling</i> , 2013, 25, 1086-1095.	1.7	180
45	Efficient Detection of Hydrogen Bonds in Dynamic Regions of RNA by Sensitivity-Optimized NMR Pulse Sequences. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10487-10490.	7.2	25
46	DNMT1-interacting RNAs block gene-specific DNA methylation. <i>Nature</i> , 2013, 503, 371-376.	13.7	446
47	A novel non-coding RNA lncRNA-JADE connects DNA damage signalling to histone H4 acetylation. <i>EMBO Journal</i> , 2013, 32, 2833-2847.	3.5	120
48	microRNAs in cardiac regeneration and cardiovascular disease. <i>Science China Life Sciences</i> , 2013, 56, 907-913.	2.3	17
49	Understanding the Photophysics of the Spinach-DFHBI RNA Aptamer-Fluorogen Complex To Improve Live-Cell RNA Imaging. <i>Journal of the American Chemical Society</i> , 2013, 135, 19033-19038.	6.6	122
50	Divergent Transcription: A Driving Force for New Gene Origination?. <i>Cell</i> , 2013, 155, 990-996.	13.5	156
51	Poly-combing the genome for RNA. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 1344-1346.	3.6	6
52	<i>H19</i> lncRNA controls gene expression of the Imprinted Gene Network by recruiting MBD1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20693-20698.	3.3	259
53	Genetic and Epigenetic Regulation of Human lincRNA Gene Expression. <i>American Journal of Human Genetics</i> , 2013, 93, 1015-1026.	2.6	65
54	Combining in silico prediction and ribosome profiling in a genome-wide search for novel putatively coding sORFs. <i>BMC Genomics</i> , 2013, 14, 648.	1.2	79
55	Gene regulation by antisense transcription. <i>Nature Reviews Genetics</i> , 2013, 14, 880-893.	7.7	556
56	The non-coding snRNA 7SK controls transcriptional termination, poising, and bidirectionality in embryonic stem cells. <i>Genome Biology</i> , 2013, 14, R98.	13.9	48
57	Function of lncRNAs and approaches to lncRNA-protein interactions. <i>Science China Life Sciences</i> , 2013, 56, 876-885.	2.3	290

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58	Whole transcriptome RNA-Seq allelic expression in human brain. BMC Genomics, 2013, 14, 571.	1.2	55
59	Divergent transcription is associated with promoters of transcriptional regulators. BMC Genomics, 2013, 14, 914.	1.2	95
60	Functional insights into the role of nuclear-retained long noncoding RNAs in gene expression control in mammalian cells. Chromosome Research, 2013, 21, 695-711.	1.0	38
61	Long noncoding RNAs as metazoan developmental regulators. Chromosome Research, 2013, 21, 673-684.	1.0	5
62	Epigenetic Modifications in the Pathogenesis of Diabetic Nephropathy. Seminars in Nephrology, 2013, 33, 341-353.	0.6	80
63	Circular Intronic Long Noncoding RNAs. Molecular Cell, 2013, 51, 792-806.	4.5	1,858
64	LncRNAs have a say in protein translation. Cell Research, 2013, 23, 449-451.	5.7	27
65	The Mediator complex and transcription regulation. Critical Reviews in Biochemistry and Molecular Biology, 2013, 48, 575-608.	2.3	301
66	Epigenetic activation of the MiR-200 family contributes to H19-mediated metastasis suppression in hepatocellular carcinoma. Carcinogenesis, 2013, 34, 577-586.	1.3	308
67	Long non-coding RNAs function annotation: a global prediction method based on bi-colored networks. Nucleic Acids Research, 2013, 41, e35-e35.	6.5	174
68	Posttranscriptional Gene Regulation by Long Noncoding RNA. Journal of Molecular Biology, 2013, 425, 3723-3730.	2.0	517
69	The Human Genome. , 2013, , 4-27.		1
70	Small and long non-coding RNAs in cardiac homeostasis and regeneration. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 923-933.	1.9	52
71	The NeST Long ncRNA Controls Microbial Susceptibility and Epigenetic Activation of the Interferon- β Locus. Cell, 2013, 152, 743-754.	13.5	611
72	Identifying Recent Adaptations in Large-Scale Genomic Data. Cell, 2013, 152, 703-713.	13.5	325
73	Long noncoding RNAs regulate adipogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3387-3392.	3.3	371
74	Making a NeST for a Persistent Virus. Cell Host and Microbe, 2013, 13, 241-242.	5.1	3
75	Identification of short-lived long non-coding RNAs as surrogate indicators for chemical stress response. Biochemical and Biophysical Research Communications, 2013, 439, 547-551.	1.0	61

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76	Dealing with Pervasive Transcription. <i>Molecular Cell</i> , 2013, 52, 473-484.	4.5	250
77	Genome-wide association study implicates a novel RNA gene, the lincRNA AC068718.1, as a risk factor for post-traumatic stress disorder in women. <i>Psychoneuroendocrinology</i> , 2013, 38, 3029-3038.	1.3	105
78	Non-coding transcription and large-scale nuclear organisation of immunoglobulin recombination. <i>Current Opinion in Genetics and Development</i> , 2013, 23, 81-88.	1.5	25
79	The Functions of MicroRNAs and Long Non-coding RNAs in Embryonic and Induced Pluripotent Stem Cells. <i>Genomics, Proteomics and Bioinformatics</i> , 2013, 11, 275-283.	3.0	41

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94	Getting to the heart of the matter: long non-coding RNAs in cardiac development and disease. <i>EMBO Journal</i> , 2013, 32, 1805-1816.	3.5	101
95	A role for eIF4All in microRNA-mediated mRNA silencing. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 543-545.	3.6	7
96	Ribosome profiling reveals resemblance between long non-coding RNAs and 5' leaders of coding RNAs. <i>Development (Cambridge)</i> , 2013, 140, 2828-2834.	1.2	237
97	Ribosome Profiling Provides Evidence that Large Noncoding RNAs Do Not Encode Proteins. <i>Cell</i> , 2013, 154, 240-251.	13.5	678
98	lincRNAs: Genomics, Evolution, and Mechanisms. <i>Cell</i> , 2013, 154, 26-46.	13.5	2,337
99	Epigenomic Analysis of Multilineage Differentiation of Human Embryonic Stem Cells. <i>Cell</i> , 2013, 153, 1134-1148.	13.5	689
100	Non-coding RNAs: novel players in chromatin-regulation during viral latency. <i>Current Opinion in Virology</i> , 2013, 3, 387-393.	2.6	9
101	Functional roles of enhancer RNAs for oestrogen-dependent transcriptional activation. <i>Nature</i> , 2013, 498, 516-520.	13.7	860
102	Non-coding transcription at cis-regulatory elements: Computational and experimental approaches. <i>Methods</i> , 2013, 63, 66-75.	1.9	6
103	Mining the genome of <i>Arabidopsis thaliana</i> as a basis for the identification of novel bioactive peptides involved in oxidative stress tolerance. <i>Journal of Experimental Botany</i> , 2013, 64, 5297-5307.	2.4	52
104	The Xist lncRNA Exploits Three-Dimensional Genome Architecture to Spread Across the X Chromosome. <i>Science</i> , 2013, 341, 1237-1243.	6.0	846
105	The non-coding skin: Exploring the roles of long non-coding RNAs in epidermal homeostasis and disease. <i>BioEssays</i> , 2013, 35, 1093-1100.	1.2	47
106	Functional transcriptomics in the post-ENCODE era. <i>Genome Research</i> , 2013, 23, 1961-1973.	2.4	58
107	Regulatory Roles for Long ncRNA and mRNA. <i>Cancers</i> , 2013, 5, 462-490.	1.7	84
108	The Role of the <i>Arabidopsis</i> Exosome in siRNA-Independent Silencing of Heterochromatic Loci. <i>PLoS Genetics</i> , 2013, 9, e1003411.	1.5	27
109	Capturing cooperative interactions with the PSI-MI format. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bat066.	1.4	10
110	EMdeCODE: a novel algorithm capable of reading words of epigenetic code to predict enhancers and retroviral integration sites and to identify H3R2me1 as a distinctive mark of coding versus non-coding genes. <i>Nucleic Acids Research</i> , 2013, 41, e48-e48.	6.5	9
111	Epigenetic control by plant Polycomb proteins: new perspectives and emerging roles in stress response. <i>Plant Cell</i> , 2013, 25, 31-48.		2

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112	A conserved ncRNA-binding protein recruits silencing factors to heterochromatin through an RNAi-independent mechanism. <i>Genes and Development</i> , 2013, 27, 1851-1856.	2.7	46
113	Principles of self-organization in biological pathways: a hypothesis on the autogenous association of alpha-synuclein. <i>Nucleic Acids Research</i> , 2013, 41, 9987-9998.	6.5	40
114	Pint lincRNA connects the p53 pathway with epigenetic silencing by the Polycomb repressive complex 2. <i>Genome Biology</i> , 2013, 14, R104.	13.9	224
115	Mechanisms of Antisense Transcription Initiation from the 3' End of the <i>GAL10</i> Coding Sequence <i>In Vivo</i> . <i>Molecular and Cellular Biology</i> , 2013, 33, 3549-3567.	1.1	20
116	Dysregulation of Long Non-coding RNAs in Human Disease. , 2013, , 115-136.		1
117	Deep Proteome Coverage Based on Ribosome Profiling Aids Mass Spectrometry-based Protein and Peptide Discovery and Provides Evidence of Alternative Translation Products and Near-cognate Translation Initiation Events*. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1780-1790.	2.5	154
118	Janus—a comprehensive tool investigating the two faces of transcription. <i>Bioinformatics</i> , 2013, 29, 1600-1606.	1.8	2
119	LNCipedia: a database for annotated human lincRNA transcript sequences and structures. <i>Nucleic Acids Research</i> , 2013, 41, D246-D251.	6.5	488
120	Promoter RNA links transcriptional regulation of inflammatory pathway genes. <i>Nucleic Acids Research</i> , 2013, 41, 10086-10109.	6.5	182
121	Integrated Analysis of Long Noncoding RNA and Coding RNA Expression in Esophageal Squamous Cell Carcinoma. <i>International Journal of Genomics</i> , 2013, 2013, 1-10.	0.8	41
122	A gene trap mutagenesis screen for genes underlying cellular response to the mood stabilizer lithium. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 657-663.	1.6	4
123	Linc2GO: a human lincRNA function annotation resource based on ceRNA hypothesis. <i>Bioinformatics</i> , 2013, 29, 2221-2222.	1.8	103
124	ChIPBase: a database for decoding the transcriptional regulation of long non-coding RNA and microRNA genes from ChIP-Seq data. <i>Nucleic Acids Research</i> , 2013, 41, D177-D187.	6.5	293
125	Advances in inflammatory bowel disease pathogenesis: linking host genetics and the microbiome. <i>Gut</i> , 2013, 62, 1505-1510.	6.1	387
126	LINE-1 activation and epigenetic silencing of suppressor genes in cancer. <i>Mobile Genetic Elements</i> , 2013, 3, e26832.	1.8	14
127	Differential Expression of Long Noncoding RNAs in the Livers of Female B6C3F1 Mice Exposed to the Carcinogen Furan. <i>Toxicological Sciences</i> , 2013, 135, 369-379.	1.4	30
128	Utilizing sequence intrinsic composition to classify protein-coding and long non-coding transcripts. <i>Nucleic Acids Research</i> , 2013, 41, e166-e166.	6.5	1,658
129	A mediator methylation mystery: JMJD1C demethylates MDC1 to regulate DNA repair. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 1346-1348.	3.6	16

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130	Cleavage of Fibrinogen by Proteinases Elicits Allergic Responses Through Toll-Like Receptor 4. <i>Science</i> , 2013, 341, 792-796.	6.0	194
132	Silencing by the imprinted Airn macro lncRNA. <i>Cell Cycle</i> , 2013, 12, 711-712.	1.3	13
135	Regulatory Non-Coding RNAs in Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 14346-14373.	1.8	40
136	Multiple knockout mouse models reveal lincRNAs are required for life and brain development. <i>ELife</i> , 2013, 2, e01749.	2.8	609
139	Analysis of long non-coding RNA expression profiles in gastric cancer. <i>World Journal of Gastroenterology</i> , 2013, 19, 3658.	1.4	177
140	Long non-coding RNAs in neurodevelopmental disorders. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 53.	1.4	53
141	Pathways by which the Interplay of Organismic and Environmental Factors Lead to Phenotypic Variation within and across Generations. <i>Advances in Child Development and Behavior</i> , 2013, 44, 325-354.	0.7	0
143	Using Amino-Labeled Nucleotide Probes for Simultaneous Single Molecule RNA-DNA FISH. <i>PLoS ONE</i> , 2014, 9, e107425.	1.1	8
144	HOTAIR: a cancer-related long non-coding RNA. <i>Neoplasma</i> , 2014, 61, 379-391.	0.7	143
145	Comprehensive Reconstruction and Visualization of Non-Coding Regulatory Networks in Human. <i>Frontiers in Bioengineering and Biotechnology</i> , 2014, 2, 69.	2.0	25
146	Trans-regulation of RNA-binding protein motifs by microRNA. <i>Frontiers in Genetics</i> , 2014, 5, 79.	1.1	20
147	The Missing lnc(RNA) between the pancreatic β -cell and diabetes. <i>Frontiers in Genetics</i> , 2014, 5, 200.	1.1	44
148	Functional implications of long non-coding RNAs in the pancreatic islets of Langerhans. <i>Frontiers in Genetics</i> , 2014, 5, 209.	1.1	35
151	A long non-coding RNA promotes full activation of adult gene expression in the chicken β -globin domain. <i>Epigenetics</i> , 2014, 9, 173-181.	1.3	50
152	Isoform Expression Analysis Based on RNA-seq Data. , 2014, , 247-259.		0
153	Identification of non-coding RNAs with a new composite feature in the Hybrid Random Forest Ensemble algorithm. <i>Nucleic Acids Research</i> , 2014, 42, e93-e93.	6.5	42
154	Transposable elements modulate human RNA abundance and splicing via specific RNA-protein interactions. <i>Genome Biology</i> , 2014, 15, 537.	3.8	88
155	Genome-wide screening and functional analysis identify a large number of long noncoding RNAs involved in the sexual reproduction of rice. <i>Genome Biology</i> , 2014, 15, 512.	3.8	475

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156	Molecular Determinants of Congenital Heart Disease. , 2014, , 151-179.		1
157	Epigenetics and Cardiovascular Disease. , 2014, , 747-782.		0
158	Perspectives on the mechanism of transcriptional regulation by long non-coding RNAs. Epigenetics, 2014, 9, 13-20.	1.3	124
159	Functional Analysis of Long Noncoding RNAs in Development and Disease. Advances in Experimental Medicine and Biology, 2014, 825, 129-158.	0.8	61
160	Non-coding RNAs in pluripotency and neural differentiation of human pluripotent stem cells. Frontiers in Genetics, 2014, 5, 132.	1.1	22
161	Noncoding RNAs and the control of hormonal signaling via nuclear receptor regulation. Journal of Molecular Endocrinology, 2014, 53, R61-R70.	1.1	10
162	Long Non-Coding RNA and Alternative Splicing Modulations in Parkinson's Leukocytes Identified by RNA Sequencing. PLoS Computational Biology, 2014, 10, e1003517.	1.5	167
163	Six Homeoproteins and a linc-RNA at the Fast MYH Locus Lock Fast Myofiber Terminal Phenotype. PLoS Genetics, 2014, 10, e1004386.	1.5	56
164	Transcriptome interrogation of human myometrium identifies differentially expressed sense-antisense pairs of protein-coding and long non-coding RNA genes in spontaneous labor at term. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 1397-1408.	0.7	25
166	Recent advances in the involvement of long non-coding RNAs in neural stem cell biology and brain pathophysiology. Frontiers in Physiology, 2014, 5, 155.	1.3	27
167	Long ncrRNAs expressed during human cytomegalovirus infections. Future Virology, 2014, 9, 587-594.	0.9	1
168	LncRNA profile study reveals a three-lncRNA signature associated with the survival of patients with oesophageal squamous cell carcinoma. Gut, 2014, 63, 1700-1710.	6.1	385
169	Global discovery of erythroid long noncoding RNAs reveals novel regulators of red cell maturation. Blood, 2014, 123, 570-581.	0.6	181
170	The role of antisense long noncoding RNA in small RNA-triggered gene activation. Rna, 2014, 20, 1916-1928.	1.6	46
171	A novel reannotation strategy for dissecting DNA methylation patterns of human long intergenic non-coding RNAs in cancers. Nucleic Acids Research, 2014, 42, 8258-8270.	6.5	40
172	A distinct set of long non-coding RNAs in childhood MLL-rearranged acute lymphoblastic leukemia: biology and epigenetic target. Human Molecular Genetics, 2014, 23, 3278-3288.	1.4	49
173	Identification of species-specific novel transcripts in pig reproductive tissues using RNA-seq. Animal Genetics, 2014, 45, 198-204.	0.6	22
175	Databases for lncRNAs: a comparative evaluation of emerging tools. Rna, 2014, 20, 1655-1665.	1.6	81

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176	Small and Long Regulatory RNAs in the Immune System and Immune Diseases. <i>Frontiers in Immunology</i> , 2014, 5, 513.	2.2	45
177	Epigenetic and Genetic Factors that Regulate Gene Expression in <i>Toxoplasma gondii</i> . , 2014, , 613-645.		2
178	NPInter v2.0: an updated database of ncRNA interactions. <i>Nucleic Acids Research</i> , 2014, 42, D104-D108.	6.5	141
179	Advances in genome editing technology and its promising application in evolutionary and ecological studies. <i>GigaScience</i> , 2014, 3, 24.	3.3	47
180	Genome-wide profiling of long noncoding ribonucleic acid expression patterns in ovarian endometriosis by microarray. <i>Fertility and Sterility</i> , 2014, 101, 1038-1046.e7.	0.5	54
181	Life without A tail: New formats of long noncoding RNAs. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 54, 338-349.	1.2	104
182	Noncoding RNAs in DNA Repair and Genome Integrity. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 655-677.	2.5	44
183	Reduction of Adipogenesis and Lipid Accumulation by <i>Taraxacum officinale</i> (Dandelion) Extracts in 3T3L1 Adipocytes: An <i>in vitro</i> Study. <i>Phytotherapy Research</i> , 2014, 28, 745-752.	2.8	38
184	Global signatures of protein binding on structured RNAs in <i>Saccharomyces cerevisiae</i> . <i>Science China Life Sciences</i> , 2014, 57, 22-35.	2.3	8
185	Polyadenylation. <i>Methods in Molecular Biology</i> , 2014, , .	0.4	0
186	Downregulated long noncoding RNA MEG3 is associated with poor prognosis and promotes cell proliferation in gastric cancer. <i>Tumor Biology</i> , 2014, 35, 1065-1073.	0.8	265
187	Regulatory non-coding RNAs: revolutionizing the RNA world. <i>Molecular Biology Reports</i> , 2014, 41, 3915-3923.	1.0	54
188	Control of Cdc28 CDK1 by a Stress-Induced lncRNA. <i>Molecular Cell</i> , 2014, 53, 549-561.	4.5	85
189	microRNAs in Cardiovascular Diseases. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2177-2187.	1.2	340
190	Enhancer RNAs and regulated transcriptional programs. <i>Trends in Biochemical Sciences</i> , 2014, 39, 170-182.	3.7	442
191	Oligonucleotide-based therapy for neurodegenerative diseases. <i>Brain Research</i> , 2014, 1584, 116-128.	1.1	34
192	A Novel RNA Motif Mediates the Strict Nuclear Localization of a Long Noncoding RNA. <i>Molecular and Cellular Biology</i> , 2014, 34, 2318-2329.	1.1	141
193	The DNA damage response: The omics era and its impact. <i>DNA Repair</i> , 2014, 19, 214-220.	1.3	29

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194	Integrating the roles of long and small non-coding RNA in brain function and disease. <i>Molecular Psychiatry</i> , 2014, 19, 410-416.	4.1	143
195	lncRNAs: Insights into their function and mechanics in underlying disorders. <i>Mutation Research - Reviews in Mutation Research</i> , 2014, 762, 1-21.	2.4	196
196	Rice germline-specific <i>Xrgonaute</i> <i>MEL1</i> protein binds to phasiRNAs generated from more than 700 lincRNAs. <i>Plant Journal</i> , 2014, 78, 385-397.	2.8	186
197	Post-transcriptional regulation of gene expression in innate immunity. <i>Nature Reviews Immunology</i> , 2014, 14, 361-376.	10.6	301
198	RAID: a comprehensive resource for human RNA-associated (RNA-RNA/protein) interaction. <i>Rna</i> , 2014, 20, 989-993.	1.6	54
199	Quantitative analysis of RNA-protein interactions on a massively parallel array reveals biophysical and evolutionary landscapes. <i>Nature Biotechnology</i> , 2014, 32, 562-568.	9.4	202
200	Long noncoding RNAs in innate and adaptive immunity. <i>Current Opinion in Immunology</i> , 2014, 26, 140-146.	2.4	193
201	Identification of a novel lncRNA in gluteal adipose tissue and evidence for its positive effect on preadipocyte differentiation. <i>Obesity</i> , 2014, 22, 1781-1785.	1.5	105
202	<i>Systems Biology</i> , 2014, , .		7
203	Long noncoding RNAs: Novel insights into hepatocellular carcinoma. <i>Cancer Letters</i> , 2014, 344, 20-27.	3.2	377
204	Gene regulation by non-coding RNAs. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2014, 49, 16-32.	2.3	140
205	Characteristics of long non-coding RNA and its relation to hepatocellular carcinoma. <i>Carcinogenesis</i> , 2014, 35, 507-514.	1.3	174
206	Topological organization of multichromosomal regions by the long intergenic noncoding RNA Firre. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 198-206.	3.6	565
207	Identification of expressed and conserved human noncoding RNAs. <i>Rna</i> , 2014, 20, 236-251.	1.6	47
210	The multilayered complexity of ceRNA crosstalk and competition. <i>Nature</i> , 2014, 505, 344-352.	13.7	3,223
211	Evolutionary dynamics and tissue specificity of human long noncoding RNAs in six mammals. <i>Genome Research</i> , 2014, 24, 616-628.	2.4	318
212	<i>Non-coding RNAs and Cancer</i> , 2014, , .		6
213	Identification of Novel Long Noncoding RNAs Associated with TGF- β 2/Smad3-Mediated Renal Inflammation and Fibrosis by RNA Sequencing. <i>American Journal of Pathology</i> , 2014, 184, 409-417.	1.9	137

#	ARTICLE	IF	CITATIONS
214	Evolutionary conservation of long non-coding RNAs; sequence, structure, function. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 1063-1071.	1.1	575
215	Long non-coding RNAs: new players in cell differentiation and development. <i>Nature Reviews Genetics</i> , 2014, 15, 7-21.	7.7	2,616
216	Molecular Determinants of Cardiac Development. , 2014, , 115-149.		1
217	The polycomb component Ring1B regulates the timed termination of subcerebral projection neuron production during mouse neocortical development. <i>Development (Cambridge)</i> , 2014, 141, 4343-4353.	1.2	66
218	Analysis and expansion of the eosinophilic esophagitis transcriptome by RNA sequencing. <i>Genes and Immunity</i> , 2014, 15, 361-369.	2.2	123
219	Integrative transcriptome sequencing identifies <i>trans</i> -splicing events with important roles in human embryonic stem cell pluripotency. <i>Genome Research</i> , 2014, 24, 25-36.	2.4	91
220	NRAV, a Long Noncoding RNA, Modulates Antiviral Responses through Suppression of Interferon-Stimulated Gene Transcription. <i>Cell Host and Microbe</i> , 2014, 16, 616-626.	5.1	313
221	The role of chromatin and epigenetics in the polyphenisms of ant castes. <i>Briefings in Functional Genomics</i> , 2014, 13, 235-245.	1.3	31
222	Identification of DNA methylation changes at <i>cis</i> -regulatory elements during early steps of HSC differentiation using tagmentation-based whole genome bisulfite sequencing. <i>Cell Cycle</i> , 2014, 13, 3476-3487.	1.3	39
223	Long noncoding RNAs: an emerging link between gene regulation and nuclear organization. <i>Trends in Cell Biology</i> , 2014, 24, 651-663.	3.6	286
224	Efficient in vivo deletion of a large imprinted lncRNA by CRISPR/Cas9. <i>RNA Biology</i> , 2014, 11, 829-835.	1.5	148
225	The RIDL hypothesis: transposable elements as functional domains of long noncoding RNAs. <i>Rna</i> , 2014, 20, 959-976.	1.6	246
226	Methods for comprehensive experimental identification of RNA-protein interactions. <i>Genome Biology</i> , 2014, 15, 203.	13.9	140
227	Functional importance of cardiac enhancer-associated noncoding RNAs in heart development and disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 76, 55-70.	0.9	124
229	In Vivo Proximity Labeling for the Detection of Protein-Protein and Protein-RNA Interactions. <i>Journal of Proteome Research</i> , 2014, 13, 6135-6143.	1.8	22
230	Genetic and epigenetic factors influencing chronic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F757-F776.	1.3	53
231	Long noncoding RNA HOTAIR involvement in cancer. <i>Tumor Biology</i> , 2014, 35, 9531-9538.	0.8	119
232	Genomic Imprinting in Mammals. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a018382-a018382.	2.3	573

#	ARTICLE	IF	CITATIONS
233	The role of long non-coding RNAs in neurodevelopment, brain function and neurological disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130507.	1.8	164
234	Transcriptional regulatory functions of nuclear long noncoding RNAs. <i>Trends in Genetics</i> , 2014, 30, 348-355.	2.9	381
235	A Novel Wnt Regulatory Axis in Endometrioid Endometrial Cancer. <i>Cancer Research</i> , 2014, 74, 5103-5117.	0.4	114
236	The Role of Long Noncoding RNAs in the Epigenetic Control of Gene Expression. <i>ChemMedChem</i> , 2014, 9, 505-510.	1.6	59
237	Genetic and Epigenetic Mechanisms Underlying Vernalization. <i>The Arabidopsis Book</i> , 2014, 12, e0171.	0.5	70
238	A Long Noncoding RNA Transcriptional Regulatory Circuit Drives Thermogenic Adipocyte Differentiation. <i>Molecular Cell</i> , 2014, 55, 372-382.	4.5	224
239	Missing heritability of common diseases and treatments outside the protein-coding exome. <i>Human Genetics</i> , 2014, 133, 1199-1215.	1.8	58
240	Diabetic nephropathy—emerging epigenetic mechanisms. <i>Nature Reviews Nephrology</i> , 2014, 10, 517-530.	4.1	277
241	Targeting histone methyltransferase EZH2 as cancer treatment. <i>Journal of Biochemistry</i> , 2014, 156, 249-257.	0.9	72
242	A Functional Genomic Approach Identifies FAL1 as an Oncogenic Long Noncoding RNA that Associates with BMI1 and Represses p21 Expression in Cancer. <i>Cancer Cell</i> , 2014, 26, 344-357.	7.7	361
243	Characterization of stress-responsive lncRNAs in <i>Arabidopsis thaliana</i> by integrating expression, epigenetic and structural features. <i>Plant Journal</i> , 2014, 80, 848-861.	2.8	264
244	Expanded identification and characterization of mammalian circular RNAs. <i>Genome Biology</i> , 2014, 15, 409.	3.8	1,361
245	Regulation of Transcription by Long Noncoding RNAs. <i>Annual Review of Genetics</i> , 2014, 48, 433-455.	3.2	373
246	LincRNA-p21 Regulates Neointima Formation, Vascular Smooth Muscle Cell Proliferation, Apoptosis, and Atherosclerosis by Enhancing p53 Activity. <i>Circulation</i> , 2014, 130, 1452-1465.	1.6	425
247	<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
249	Single Molecule Fluorescence Approaches Shed Light on Intracellular RNAs. <i>Chemical Reviews</i> , 2014, 114, 3224-3265.	23.0	73
250	Computational Analysis of Conserved RNA Secondary Structure in Transcriptomes and Genomes. <i>Annual Review of Biophysics</i> , 2014, 43, 433-456.	4.5	118
251	Revealing long noncoding RNA architecture and functions using domain-specific chromatin isolation by RNA purification. <i>Nature Biotechnology</i> , 2014, 32, 933-940.	9.4	161

#	ARTICLE	IF	CITATIONS
252	Statistical Analysis of Next Generation Sequencing Data. , 2014, , .		20
253	The genetic and epigenetic alterations in human hepatocellular carcinoma: a recent update. <i>Protein and Cell</i> , 2014, 5, 673-691.	4.8	141
254	Analysis of the p53/CEP-1 regulated non-coding transcriptome in <i>C. elegans</i> by an NSR-seq strategy. <i>Protein and Cell</i> , 2014, 5, 770-782.	4.8	5
255	Long noncoding RNA SPRY4-IT1 is upregulated in esophageal squamous cell carcinoma and associated with poor prognosis. <i>Tumor Biology</i> , 2014, 35, 7743-7754.	0.8	98
256	Discovery of proteinâ€“RNA networks. <i>Molecular BioSystems</i> , 2014, 10, 1632-1642.	2.9	18
257	A proteogenomics approach integrating proteomics and ribosome profiling increases the efficiency of protein identification and enables the discovery of alternative translation start sites. <i>Proteomics</i> , 2014, 14, 2688-2698.	1.3	66
258	Zygotic Genome Activation During the Maternal-to-Zygotic Transition. <i>Annual Review of Cell and Developmental Biology</i> , 2014, 30, 581-613.	4.0	469
259	The Central Role of Noncoding RNA in the Brain. <i>International Review of Neurobiology</i> , 2014, 116, 153-194.	0.9	70
260	Long non-coding RNAs and control of gene expression in the immune system. <i>Trends in Molecular Medicine</i> , 2014, 20, 623-631.	3.5	229
261	MALAT1 promotes cell proliferation in gastric cancer by recruiting SF2/ASF. <i>Biomedicine and Pharmacotherapy</i> , 2014, 68, 557-564.	2.5	158
262	Little things make big things happen: A summary of micropeptide encoding genes. <i>EuPA Open Proteomics</i> , 2014, 3, 128-137.	2.5	29
263	lncRNA-AC130710 targeting by miR-129-5p is upregulated in gastric cancer and associates with poor prognosis. <i>Tumor Biology</i> , 2014, 35, 9701-9706.	0.8	83
264	Long non-coding RNAs and enhancer RNAs regulate the lipopolysaccharide-induced inflammatory response in human monocytes. <i>Nature Communications</i> , 2014, 5, 3979.	5.8	281
265	Male Sterility and Fertility Restoration in Crops. <i>Annual Review of Plant Biology</i> , 2014, 65, 579-606.	8.6	665
266	MicroRNAs and spermatogenesis. <i>Fertility and Sterility</i> , 2014, 101, 1552-1562.	0.5	232
267	Functional interactions among microRNAs and long noncoding RNAs. <i>Seminars in Cell and Developmental Biology</i> , 2014, 34, 9-14.	2.3	561
268	Small RNAs in spermatogenesis. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 498-508.	1.6	108
269	The long non-coding RNA Gomafu is acutely regulated in response to neuronal activation and involved in schizophrenia-associated alternative splicing. <i>Molecular Psychiatry</i> , 2014, 19, 486-494.	4.1	356

#	ARTICLE	IF	CITATIONS
270	Competing endogenous RNAs (ceRNAs): new entrants to the intricacies of gene regulation. <i>Frontiers in Genetics</i> , 2014, 5, 8.	1.1	328
271	Keeping abreast with long non-coding RNAs in mammary gland development and breast cancer. <i>Frontiers in Genetics</i> , 2014, 5, 379.	1.1	76
272	Effects of GWAS-Associated Genetic Variants on lncRNAs within IBD and T1D Candidate Loci. <i>PLoS ONE</i> , 2014, 9, e105723.	1.1	74
273	Considerations when investigating lncRNA function in vivo. <i>ELife</i> , 2014, 3, e03058.	2.8	309
274	Transcriptome Complexity in Cardiac Development and Diseases. <i>Circulation Journal</i> , 2014, 78, 1038-1047.	0.7	4
275	Intramolecular phenotypic capacitance in a modular RNA molecule. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12444-12449.	3.3	11
276	The epigenome, 4D nucleome and next-generation neuropsychiatric pharmacogenomics. <i>Pharmacogenomics</i> , 2015, 16, 1649-1669.	0.6	18
277	Identification of long noncoding <scp>RNA</scp>s dysregulated in the midbrain of human cocaine abusers. <i>Journal of Neurochemistry</i> , 2015, 135, 50-59.	2.1	38
278	Long non-coding <scp>RNA</scp> Ferâ€like protein 4 suppresses oncogenesis and exhibits prognostic value by associating with miRâ€106â€5p in colon cancer. <i>Cancer Science</i> , 2015, 106, 1323-1332.	1.7	101
279	Long non-coding <scp>RNA</scp>s in corticogenesis: deciphering the non-coding code of the brain. <i>EMBO Journal</i> , 2015, 34, 2865-2884.	3.5	71
280	Ribosomal profiling adds new coding sequences to the proteome. <i>Biochemical Society Transactions</i> , 2015, 43, 1271-1276.	1.6	35
281	Co-LncRNA: investigating the lncRNA combinatorial effects in GO annotations and KEGG pathways based on human RNA-Seq data. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, .	1.4	107
282	Data Integration on Noncoding RNA Studies. , 0, , 403-424.		0
283	Discovery and characterization of long intergenic non-coding RNAs (lincRNA) module biomarkers in prostate cancer: an integrative analysis of RNA-Seq data. <i>BMC Genomics</i> , 2015, 16, S3.	1.2	50
284	Genome-wide identification and functional analysis of lincRNAs acting as miRNA targets or decoys in maize. <i>BMC Genomics</i> , 2015, 16, 793.	1.2	94
285	MicroRNAs and Noncoding RNAs in Hepatic Lipid and Lipoprotein Metabolism: Potential Therapeutic Targets of Metabolic Disorders. <i>Drug Development Research</i> , 2015, 76, 318-327.	1.4	19
286	Long non-coding RNA: A new paradigm for lung cancer. <i>Molecular Carcinogenesis</i> , 2015, 54, 1235-1251.	1.3	87
287	Elevated expression of CCAT2 is associated with poor prognosis in esophageal squamous cell carcinoma. <i>Journal of Surgical Oncology</i> , 2015, 111, 834-839.	0.8	88

#	ARTICLE	IF	CITATIONS
288	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
289	RNA structure: Merging chemistry and genomics for a holistic perspective. <i>BioEssays</i> , 2015, 37, 1129-1138.	1.2	7
290	Genomic-Wide Analysis with Microarrays in Human Oncology. <i>Microarrays (Basel, Switzerland)</i> , 2015, 4, 454-473.	1.4	10
291	Epigenetic influences on the developing brain: effects of hormones and nutrition. <i>Advances in Genomics and Genetics</i> , 0, , 215.	0.8	3
292	Long noncoding RNAs: from identification to functions and mechanisms. <i>Advances in Genomics and Genetics</i> , 0, , 257.	0.8	7
293	Noncoding RNAs, Emerging Regulators of Skeletal Muscle Development and Diseases. <i>BioMed Research International</i> , 2015, 2015, 1-17.	0.9	82
294	DNA methylation: its role in transcriptional regulation and association with lung cancer. <i>Research and Reports in Biochemistry</i> , 0, , 11.	1.6	0
295	Implications of basic research in clinical practice: toward a personalized medicine in T-cell Acute Lymphoblastic Leukemia (T-ALL). <i>Molecular Biology (Los Angeles, Calif)</i> , 2015, 04, .	0.0	0
296	Discovery of Protein-lncRNA Interactions by Integrating Large-Scale CLIP-Seq and RNA-Seq Datasets. <i>Frontiers in Bioengineering and Biotechnology</i> , 2014, 2, 88.	2.0	73
297	Transposable Element Insertions in Long Intergenic Non-Coding RNA Genes. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 71.	2.0	45
298	EZH2 in Bladder Cancer, a Promising Therapeutic Target. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27107-27132.	1.8	57
299	Construction and analysis of lncRNA-lncRNA synergistic networks to reveal clinically relevant lncRNAs in cancer. <i>Oncotarget</i> , 2015, 6, 25003-25016.	0.8	39
300	Induction of long noncoding RNA MALAT1 in hypoxic mice. <i>Hypoxia (Auckland, N Z)</i> , 2015, 3, 45.	1.9	60
301	Long Noncoding RNA Expression during Human B-Cell Development. <i>PLoS ONE</i> , 2015, 10, e0138236.	1.1	80
302	Identification of novel long non-coding RNAs in triple-negative breast cancer. <i>Oncotarget</i> , 2015, 6, 21730-21739.	0.8	72
303	Non-coding RNAs and Hypertension—Unveiling Unexpected Mechanisms of Hypertension by the Dark Matter of the Genome. <i>Current Hypertension Reviews</i> , 2015, 11, 80-90.	0.5	17
304	Predicting the Functions of Long Noncoding RNAs Using RNA-Seq Based on Bayesian Network. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	22
305	The Emerging Functions of Long Noncoding RNA in Immune Cells: Autoimmune Diseases. <i>Journal of Immunology Research</i> , 2015, 2015, 1-9.	0.9	122

#	ARTICLE	IF	CITATIONS
306	HIV Tat controls RNA Polymerase II and the epigenetic landscape to transcriptionally reprogram target immune cells. <i>ELife</i> , 2015, 4, .	2.8	47
307	Long Noncoding RNA in Hematopoiesis and Immunity. <i>Immunity</i> , 2015, 42, 792-804.	6.6	161
308	Expression of long noncoding RNA-HOX transcript antisense intergenic RNA in oral squamous cell carcinoma and effect on cell growth. <i>Tumor Biology</i> , 2015, 36, 8573-8578.	0.8	37
309	Study strategies for long non-coding RNAs and their roles in regulating gene expression. <i>Cellular and Molecular Biology Letters</i> , 2015, 20, 323-49.	2.7	6
310	Dynamic and Widespread lncRNA Expression in a Sponge and the Origin of Animal Complexity. <i>Molecular Biology and Evolution</i> , 2015, 32, 2367-2382.	3.5	66
311	Infectious long non-coding RNAs. <i>Biochimie</i> , 2015, 117, 37-47.	1.3	32
312	A Long Non-coding RNA Activated by Transforming Growth Factor- β 2 is an Independent Prognostic Marker of Gastric Cancer. <i>Annals of Surgical Oncology</i> , 2015, 22, 915-922.	0.7	91
313	Regulation of Interferon-Stimulated Gene BST2 by a lncRNA Transcribed from a Shared Bidirectional Promoter. <i>Frontiers in Immunology</i> , 2014, 5, 676.	2.2	47
314	The recruitment of chromatin modifiers by long noncoding RNAs: lessons from PRC2. <i>Rna</i> , 2015, 21, 2007-2022.	1.6	248
315	3dRNAscore: a distance and torsion angle dependent evaluation function of 3D RNA structures. <i>Nucleic Acids Research</i> , 2015, 43, e63-e63.	6.5	82
316	H19 lncRNA alters DNA methylation genome wide by regulating S-adenosylhomocysteine hydrolase. <i>Nature Communications</i> , 2015, 6, 10221.	5.8	206
317	Nuclear Fractionation Reveals Thousands of Chromatin-Tethered Noncoding RNAs Adjacent to Active Genes. <i>Cell Reports</i> , 2015, 12, 1089-1098.	2.9	153
318	Downregulation of miR-320a/383-sponge-like long non-coding RNA NLC1-C (narcolepsy candidate-region) Tj ETQq0 0 0 rgBT /Overlock 1 proliferation. <i>Cell Death and Disease</i> , 2015, 6, e1960-e1960.	2.7	70
319	Long non-coding RNA growth arrest-specific transcript 5 is involved in ovarian cancer cell apoptosis through the mitochondria-mediated apoptosis pathway. <i>Oncology Reports</i> , 2015, 34, 3212-3221.	1.2	55
320	Long Non-Coding RNA Expression Profiling in Aging Rats with Erectile Dysfunction. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 1513-1526.	1.1	12
321	Dissecting noncoding and pathogen RNA-protein interactomes. <i>Rna</i> , 2015, 21, 135-143.	1.6	71
322	Discovery and annotation of long noncoding RNAs. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 5-7.	3.6	581
323	Role of MYC-Regulated Long Noncoding RNAs in Cell Cycle Regulation and Tumorigenesis. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	3.0	139

#	ARTICLE	IF	CITATIONS
324	RNA: Jack of All Trades and Master of All. <i>Cell</i> , 2015, 160, 579-580.	13.5	3
325	Three-dimensional regulation of transcription. <i>Protein and Cell</i> , 2015, 6, 241-253.	4.8	23
326	A Long Noncoding RNA Perturbs the Circadian Rhythm of Hepatoma Cells to Facilitate Hepatocarcinogenesis. <i>Neoplasia</i> , 2015, 17, 79-88.	2.3	83
327	TRIM28 Represses Transcription of Endogenous Retroviruses in Neural Progenitor Cells. <i>Cell Reports</i> , 2015, 10, 20-28.	2.9	112
329	Computational identification of epigenetically regulated lncRNAs and their associated genes based on integrating genomic data. <i>FEBS Letters</i> , 2015, 589, 521-531.	1.3	23
330	Differential expression of long noncoding ribonucleic acids during osteogenic differentiation of human bone marrow mesenchymal stem cells. <i>International Orthopaedics</i> , 2015, 39, 1013-1019.	0.9	58
331	lncRNA-MFDL: identification of human long non-coding RNAs by fusing multiple features and using deep learning. <i>Molecular BioSystems</i> , 2015, 11, 892-897.	2.9	82
332	Identification of miR-143 as a tumour suppressor in nasopharyngeal carcinoma based on microRNA expression profiling. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 61, 120-128.	1.2	30
333	Neural functions of long noncoding RNAs in <i>Drosophila</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2015, 201, 921-926.	0.7	11
334	Berberine ameliorates nonalcoholic fatty liver disease by a global modulation of hepatic mRNA and lncRNA expression profiles. <i>Journal of Translational Medicine</i> , 2015, 13, 24.	1.8	92
335	MicroRNAs in Cardiac Regeneration. , 2015, , 917-942.		1
336	Long Noncoding RNA Arid2-IR Is a Novel Therapeutic Target for Renal Inflammation. <i>Molecular Therapy</i> , 2015, 23, 1034-1043.	3.7	121
337	A Cytoplasmic NF- κ B Interacting Long Noncoding RNA Blocks κ B Phosphorylation and Suppresses Breast Cancer Metastasis. <i>Cancer Cell</i> , 2015, 27, 370-381.	7.7	794
338	Long Noncoding RNAs and MicroRNAs in Cardiovascular Pathophysiology. <i>Circulation Research</i> , 2015, 116, 751-762.	2.0	334
339	MicroRNAs and Sertoli cells. , 2015, , 307-332.		3
340	Epigenetic Alterations in Colorectal Cancer: Emerging Biomarkers. <i>Gastroenterology</i> , 2015, 149, 1204-1225.e12.	0.6	561
341	Pontin functions as an essential coactivator for Oct4-dependent lincRNA expression in mouse embryonic stem cells. <i>Nature Communications</i> , 2015, 6, 6810.	5.8	24
342	Long non-coding RNA PVT1 is associated with tumor progression and predicts recurrence in hepatocellular carcinoma patients. <i>Oncology Letters</i> , 2015, 9, 955-963.	0.8	114

#	ARTICLE	IF	CITATIONS
344	Novel biological insights in T-cell acute lymphoblastic leukemia. <i>Experimental Hematology</i> , 2015, 43, 625-639.	0.2	97
345	Long noncoding RNA derived from CD244 signaling epigenetically controls CD8 ⁺ T-cell immune responses in tuberculosis infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3883-92.	3.3	165
346	Antisense RNA Controls LRP1 Sense Transcript Expression through Interaction with a Chromatin-Associated Protein, HMGB2. <i>Cell Reports</i> , 2015, 11, 967-976.	2.9	75
347	PLNlncRbase: A resource for experimentally identified lncRNAs in plants. <i>Gene</i> , 2015, 573, 328-332.	1.0	63
348	Long Noncoding RNA in Digestive Tract Cancers: Function, Mechanism, and Potential Biomarker. <i>Oncologist</i> , 2015, 20, 898-906.	1.9	34
349	Multiple sclerosis: getting personal with induced pluripotent stem cells. <i>Cell Death and Disease</i> , 2015, 6, e1806-e1806.	2.7	17
350	Right Ventricular Long Noncoding RNA Expression in Human Heart Failure. <i>Pulmonary Circulation</i> , 2015, 5, 135-161.	0.8	39
351	Genetics of RA susceptibility, what comes next?. <i>RMD Open</i> , 2015, 1, e000028-e000028.	1.8	9
352	The role of non-coding RNAs in the regulation of stem cells and progenitors in the normal mammary gland and in breast tumors. <i>Frontiers in Genetics</i> , 2015, 6, 72.	1.1	44
353	Neighboring Gene Regulation by Antisense Long Non-Coding RNAs. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3251-3266.	1.8	254
354	Aquinas, the Principle of Alternative Possibilities, and Augustine's Axiom. <i>International Philosophical Quarterly</i> , 2015, 55, 179-196.	0.1	4
355	Modelling Toehold-Mediated RNA Strand Displacement. <i>Biophysical Journal</i> , 2015, 108, 1238-1247.	0.2	54
356	Multiscale Methods for Computational RNA Enzymology. <i>Methods in Enzymology</i> , 2015, 553, 335-374.	0.4	16
357	GWAS of 972 autologous stem cell recipients with multiple myeloma identifies 11 genetic variants associated with chemotherapy-induced oral mucositis. <i>Supportive Care in Cancer</i> , 2015, 23, 841-849.	1.0	21
358	Epigenetics of the failing heart. <i>Heart Failure Reviews</i> , 2015, 20, 435-459.	1.7	16
359	Transcriptional regulatory circuits controlling muscle fiber type switching. <i>Science China Life Sciences</i> , 2015, 58, 321-327.	2.3	17
360	Distinct patterns of epigenetic marks and transcription factor binding sites across promoters of sense-intronic long noncoding RNAs. <i>Journal of Genetics</i> , 2015, 94, 17-25.	0.4	9
361	CLIPdb: a CLIP-seq database for protein-RNA interactions. <i>BMC Genomics</i> , 2015, 16, 51.	1.2	210

#	ARTICLE	IF	CITATIONS
362	Prediction of long noncoding RNA functions with co-expression network in esophageal squamous cell carcinoma. <i>BMC Cancer</i> , 2015, 15, 168.	1.1	60
363	Systems biology of myasthenia gravis, integration of aberrant lncRNA and mRNA expression changes. <i>BMC Medical Genomics</i> , 2015, 8, 13.	0.7	20
364	Competing endogenous RNA networks: tying the essential knots for cancer biology and therapeutics. <i>Journal of Hematology and Oncology</i> , 2015, 8, 30.	6.9	190
365	Malat1 regulates serum response factor through miR-133 as a competing endogenous RNA in myogenesis. <i>FASEB Journal</i> , 2015, 29, 3054-3064.	0.2	132
366	Opposing Roles for the lncRNA Haunt and Its Genomic Locus in Regulating HOXA Gene Activation during Embryonic Stem Cell Differentiation. <i>Cell Stem Cell</i> , 2015, 16, 504-516.	5.2	247
367	lncRNAs and neoplasia. <i>Clinica Chimica Acta</i> , 2015, 444, 280-288.	0.5	88
368	Long Non-Coding RNAs Control Hematopoietic Stem Cell Function. <i>Cell Stem Cell</i> , 2015, 16, 426-438.	5.2	147
369	A common set of distinct features that characterize noncoding RNAs across multiple species. <i>Nucleic Acids Research</i> , 2015, 43, 104-114.	6.5	63
370	PROTEOFORMER: deep proteome coverage through ribosome profiling and MS integration. <i>Nucleic Acids Research</i> , 2015, 43, e29-e29.	6.5	132
372	Non-coding RNAs and HIV: viral manipulation of host dark matter to shape the cellular environment. <i>Frontiers in Genetics</i> , 2015, 6, 108.	1.1	23
373	Combining NMR and EPR to Determine Structures of Large RNAs and Protein-RNA Complexes in Solution. <i>Methods in Enzymology</i> , 2015, 558, 279-331.	0.4	37
374	lncRNAs in vertebrates: Advances and challenges. <i>Biochimie</i> , 2015, 117, 3-14.	1.3	38
375	Identification and Validation of Long Noncoding RNA Biomarkers in Human Non-Small-Cell Lung Carcinomas. <i>Journal of Thoracic Oncology</i> , 2015, 10, 645-654.	0.5	123
376	Deciphering the RNA landscape by RNAome sequencing. <i>RNA Biology</i> , 2015, 12, 30-42.	1.5	23
377	Identification of lncRNA-associated competing triplets reveals global patterns and prognostic markers for cancer. <i>Nucleic Acids Research</i> , 2015, 43, 3478-3489.	6.5	219
378	Epigenetics: major regulators of embryonic neurogenesis. <i>Science Bulletin</i> , 2015, 60, 1734-1743.	4.3	4
379	Linking RNA biology to lncRNAs. <i>Genome Research</i> , 2015, 25, 1456-1465.	2.4	158
380	The Plant Peptidome: An Expanding Repertoire of Structural Features and Biological Functions. <i>Plant Cell</i> , 2015, 27, 2095-2118.	3.1	292

#	ARTICLE	IF	CITATIONS
381	The emerging role of lncRNAs in cancer. <i>Nature Medicine</i> , 2015, 21, 1253-1261.	15.2	2,203
382	Short-Circuiting Gene Regulatory Networks: Origins of B Cell Lymphoma. <i>Trends in Genetics</i> , 2015, 31, 720-731.	2.9	5
383	Long Noncoding RNA ADINR Regulates Adipogenesis by Transcriptionally Activating C/EBP β . <i>Stem Cell Reports</i> , 2015, 5, 856-865.	2.3	154
384	Identification of lncRNA Expression Profile in the Spinal Cord of Mice following Spinal Nerve Ligation-Induced Neuropathic Pain. <i>Molecular Pain</i> , 2015, 11, s12990-015-0047.	1.0	73
385	Genetic variants and cellular stressors associated with exfoliation syndrome modulate promoter activity of a lncRNA within the <i>LOXL1</i> locus. <i>Human Molecular Genetics</i> , 2015, 24, 6552-6563.	1.4	76
386	Novel biomarkers for the identification and targeted therapy of gastric cancer. <i>Expert Review of Gastroenterology and Hepatology</i> , 2015, 9, 1217-1226.	1.4	7
387	SINEUPs: A new class of natural and synthetic antisense long non-coding RNAs that activate translation. <i>RNA Biology</i> , 2015, 12, 771-779.	1.5	84
388	Spatiotemporal-specific lncRNAs in the brain, colon, liver and lung of macaque during development. <i>Molecular BioSystems</i> , 2015, 11, 3253-3263.	2.9	43
389	Comprehensive Genomic Characterization of Long Non-coding RNAs across Human Cancers. <i>Cancer Cell</i> , 2015, 28, 529-540.	7.7	601
390	Transcriptional Regulation of the Pancreatic Islet: Implications for Islet Function. <i>Current Diabetes Reports</i> , 2015, 15, 66.	1.7	11
391	Mechanisms of Long Noncoding Xist RNA-Mediated Chromosome-Wide Gene Silencing in X-Chromosome Inactivation. , 2015, , 151-171.		2
392	A novel role of long non-coding RNAs in response to X-ray irradiation. <i>Toxicology in Vitro</i> , 2015, 30, 536-544.	1.1	20
393	Long noncoding RNAs and carcinogenesis. , 2015, , 291-312.		0
394	Mechanisms of Long Non-coding RNAs in Mammalian Nervous System Development, Plasticity, Disease, and Evolution. <i>Neuron</i> , 2015, 88, 861-877.	3.8	366
395	Down regulation of lncSCIR1 after spinal cord contusion injury in rat. <i>Brain Research</i> , 2015, 1624, 314-320.	1.1	34
396	Enhancer-associated long noncoding RNAs: A novel frontier with new perception in cardiac regeneration. <i>Trends in Cardiovascular Medicine</i> , 2015, 25, 603-605.	2.3	0
397	Detection of RNA-Protein Interactions in Living Cells with SHAPE. <i>Biochemistry</i> , 2015, 54, 6867-6875.	1.2	148
398	Expression profile of long noncoding RNAs in cartilage from knee osteoarthritis patients. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 423-432.	0.6	127

#	ARTICLE	IF	CITATIONS
399	Using common variants to indicate cancer genes. <i>International Journal of Cancer</i> , 2015, 136, 241-245.	2.3	0
400	Focusing on long noncoding RNA dysregulation in gastric cancer. <i>Tumor Biology</i> , 2015, 36, 129-141.	0.8	26
401	Human cells contain natural double-stranded RNAs with potential regulatory functions. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 89-97.	3.6	35
402	Long noncoding RNAs expression signatures in chondrogenic differentiation of human bone marrow mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 459-464.	1.0	37
403	Epigenetic mechanisms in diabetic complications and metabolic memory. <i>Diabetologia</i> , 2015, 58, 443-455.	2.9	366
404	RNA Pulldown Protocol for In Vitro Detection and Identification of RNA-Associated Proteins. <i>Methods in Molecular Biology</i> , 2015, 1206, 87-95.	0.4	45
405	Identifying (non)coding RNAs and small peptides: Challenges and opportunities. <i>BioEssays</i> , 2015, 37, 103-112.	1.2	96
406	Long noncoding RNA HOTTIP is frequently upregulated in hepatocellular carcinoma and is targeted by tumour suppressive miR-125b. <i>Liver International</i> , 2015, 35, 1597-1606.	1.9	126
407	Role of epigenetic mechanisms in epithelial-to-mesenchymal transition of breast cancer cells. <i>Translational Research</i> , 2015, 165, 126-142.	2.2	37
408	Regulatory Non-Coding RNAs. <i>Methods in Molecular Biology</i> , 2015, , .	0.4	2
409	Long noncoding RNAs: Novel insights into gastric cancer. <i>Cancer Letters</i> , 2015, 356, 357-366.	3.2	179
410	Identification of cancer-related lncRNAs through integrating genome, regulome and transcriptome features. <i>Molecular BioSystems</i> , 2015, 11, 126-136.	2.9	109
411	Transcription of Inflammatory Genes: Long Noncoding RNA and Beyond. <i>Journal of Interferon and Cytokine Research</i> , 2015, 35, 79-88.	0.5	29
412	Role of lncRNAs in health and disease—size and shape matter. <i>Briefings in Functional Genomics</i> , 2015, 14, 115-129.	1.3	28
413	Identification of long non-coding RNAs as novel biomarker and potential therapeutic target for atrial fibrillation in old adults. <i>Oncotarget</i> , 2016, 7, 10803-10811.	0.8	28
414	Ultra-deep sequencing of ribosome-associated poly-adenylated RNA in early <i>Drosophila</i> embryos reveals hundreds of conserved translated sORFs. <i>DNA Research</i> , 2016, 23, 571-580.	1.5	14
415	Long non-coding RNAs in colorectal cancer. <i>Oncotarget</i> , 2016, 7, 5226-5239.	0.8	123
416	Overexpression of long noncoding RNA HOTTIP promotes tumor invasion and predicts poor prognosis in gastric cancer. <i>OncoTargets and Therapy</i> , 2016, 9, 2081.	1.0	55

#	ARTICLE	IF	CITATIONS
417	A potential biomarker for colorectal cancer: long non-coding RNA RP1-13P20.6. <i>Neoplasma</i> , 2016, 63, 984-990.	0.7	6
418	Circulating Noncoding RNAs as Clinical Biomarkers. , 2016, , 239-258.		4
419	The Research Progress of Long Noncoding RNAs in Autoimmune Diseases. <i>Journal of Neurology & Neurophysiology</i> , 2016, 07, .	0.1	0
420	Increased expression of the lncRNA BANCR and its prognostic significance in human osteosarcoma. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	26
421	Construction of a lncRNA-mediated feed-forward loop network reveals global topological features and prognostic motifs in human cancers. <i>Oncotarget</i> , 2016, 7, 45937-45947.	0.8	31
422	Comprehensive analysis of differentially expressed profiles of lncRNAs and circRNAs with associated co-expression and ceRNA networks in bladder carcinoma. <i>Oncotarget</i> , 2016, 7, 47186-47200.	0.8	251
423	Divergent lncRNAs take the lead on pluripotent cell differentiation. <i>Stem Cell Investigation</i> , 2016, 3, 47-47.	1.3	2
424	Cancer subtypes classification using long non-coding RNA. <i>Oncotarget</i> , 2016, 7, 54082-54093.	0.8	38
425	Polycomb complex PRC1 as gatekeeper of intestinal stem cell identity. <i>Stem Cell Investigation</i> , 2016, 3, 22-22.	1.3	3
426	Dysregulation of the BRCA1/long non-coding RNA NEAT1 signaling axis contributes to breast tumorigenesis. <i>Oncotarget</i> , 2016, 7, 65067-65089.	0.8	80
427	MicroRNAs as regulators of apoptosis mechanisms in cancer. <i>Medicine and Pharmacy Reports</i> , 2016, 89, 50-55.	0.2	46
428	Small Non-Coding RNAs: New Insights in Modulation of Host Immune Response by Intracellular Bacterial Pathogens. <i>Frontiers in Immunology</i> , 2016, 7, 431.	2.2	36
429	Emerging Putative Associations between Non-Coding RNAs and Protein-Coding Genes in Neuropathic Pain: Added Value from Reusing Microarray Data. <i>Frontiers in Neurology</i> , 2016, 7, 168.	1.1	12
430	Nothing in Evolution Makes Sense Except in the Light of Genomics: Readâ€“Write Genome Evolution as an Active Biological Process. <i>Biology</i> , 2016, 5, 27.	1.3	16
431	A Review of Computational Methods for Finding Non-Coding RNA Genes. <i>Genes</i> , 2016, 7, 113.	1.0	22
432	Structure Prediction: New Insights into Decrypting Long Noncoding RNAs. <i>International Journal of Molecular Sciences</i> , 2016, 17, 132.	1.8	47
433	Plasma lncRNA-ATB, a Potential Biomarker for Diagnosis of Patients with Coal Workersâ€™ Pneumoconiosis: A Case-Control Study. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1367.	1.8	17
434	Conservation of the Exon-Intron Structure of Long Intergenic Non-Coding RNA Genes in Eutherian Mammals. <i>Life</i> , 2016, 6, 27.	1.1	18

#	ARTICLE	IF	CITATIONS
435	Functional prediction of differentially expressed lncRNAs in HSV-1 infected human foreskin fibroblasts. <i>Virology Journal</i> , 2016, 13, 137.	1.4	23
436	Urb-RIP “ An Adaptable and Efficient Approach for Immunoprecipitation of RNAs and Associated RNAs/Proteins. <i>PLoS ONE</i> , 2016, 11, e0167877.	1.1	6
437	Long non-coding RNA metastasis associated in lung adenocarcinoma transcript 1 (MALAT1) interacts with estrogen receptor and predicted poor survival in breast cancer. <i>Oncotarget</i> , 2016, 7, 37957-37965.	0.8	101
438	Upregulation of long noncoding RNA HOTTIP promotes metastasis of esophageal squamous cell carcinoma via induction of EMT. <i>Oncotarget</i> , 2016, 7, 84480-84485.	0.8	64
439	Long Non-Coding RNAs (lncRNAs) of Sea Cucumber: Large-Scale Prediction, Expression Profiling, Non-Coding Network Construction, and lncRNA-microRNA-Gene Interaction Analysis of lncRNAs in <i>Apostichopus japonicus</i> and <i>Holothuria glaberrima</i> During LPS Challenge and Radial Organ Complex Regeneration. <i>Marine Biotechnology</i> , 2016, 18, 485-499.	1.1	30
440	The Working Modules of Long Noncoding RNAs in Cancer Cells. <i>Advances in Experimental Medicine and Biology</i> , 2016, 927, 49-67.	0.8	8
441	Circulating MicroRNA and Long Noncoding RNA as Biomarkers of Cardiovascular Diseases. <i>Journal of Cellular Physiology</i> , 2016, 231, 751-755.	2.0	44
442	Epigenetic mechanisms and associated brain circuits in the regulation of positive emotions: A role for transposable elements. <i>Journal of Comparative Neurology</i> , 2016, 524, 2944-2954.	0.9	7
443	lncRNA <i>ATB</i> mediated E-cadherin repression promotes the progression of colon cancer and predicts poor prognosis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016, 31, 595-603.	1.4	152
444	The Long and Short Non-coding RNAs in Cancer Biology. <i>Advances in Experimental Medicine and Biology</i> , 2016, , .	0.8	4
445	Long non-coding RNAs in cancer drug resistance development. <i>DNA Repair</i> , 2016, 45, 25-33.	1.3	109
446	Biogenesis and Transcriptional Regulation of Long Noncoding RNAs in the Human Immune System. <i>Journal of Immunology</i> , 2016, 197, 4509-4517.	0.4	39
447	Long intergenic non-coding RNA expression signature in human breast cancer. <i>Scientific Reports</i> , 2016, 6, 37821.	1.6	26
448	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
449	Microarray expression profile analysis of aberrant long non-coding RNAs in esophageal squamous cell carcinoma. <i>International Journal of Oncology</i> , 2016, 48, 2543-2557.	1.4	34
450	HOX Antisense lincRNA HOXA-AS2 Promotes Tumorigenesis of Hepatocellular Carcinoma. <i>Cellular Physiology and Biochemistry</i> , 2016, 40, 287-296.	1.1	66
451	Transcriptional Gene Silencing of the Autism-Associated Long Noncoding RNA <i>MSNP1AS</i> in Human Neural Progenitor Cells. <i>Developmental Neuroscience</i> , 2016, 38, 375-383.	1.0	19
452	Expression profiling and functional annotation of noncoding genes across 11 distinct organs in rat development. <i>Scientific Reports</i> , 2016, 6, 38575.	1.6	4

#	ARTICLE	IF	CITATIONS
453	Genome-wide Long Non-coding RNA Analysis Identified Circulating LncRNAs as Novel Non-invasive Diagnostic Biomarkers for Gynecological Disease. <i>Scientific Reports</i> , 2016, 6, 23343.	1.6	93
454	Genome-wide identification and developmental expression profiling of long noncoding RNAs during <i>Drosophila</i> metamorphosis. <i>Scientific Reports</i> , 2016, 6, 23330.	1.6	72
455	Role of noncoding RNA in vascular remodelling. <i>Current Opinion in Lipidology</i> , 2016, 27, 439-448.	1.2	31
456	Methods Used for Noncoding RNAs Analysis. , 2016, , 151-175.		0
457	RNA metabolism and regulation of virulence programs in fungi. <i>Seminars in Cell and Developmental Biology</i> , 2016, 57, 120-127.	2.3	7
458	Distinct temporal changes in host cell lncRNA expression during the course of an adenovirus infection. <i>Virology</i> , 2016, 492, 242-250.	1.1	30
459	Ultraconserved region-containing Transformer 2 ¹²⁴ controls senescence of colon cancer cells. <i>Oncogenesis</i> , 2016, 5, e213-e213.	2.1	18
460	Noncoding RNAs in human cancer: one step forward in diagnosis and treatment. <i>Briefings in Functional Genomics</i> , 2016, 15, 165-166.	1.3	2
461	Up-regulation of long non-coding RNA PANDAR is associated with poor prognosis and promotes tumorigenesis in bladder cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 83.	3.5	71
462	Long Noncoding RNAs Regulate Cell Growth, Proliferation, and Apoptosis. <i>DNA and Cell Biology</i> , 2016, 35, 459-470.	0.9	145
463	Retrotransposon-associated long non-coding RNAs in mice and men. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 1049-1060.	1.3	20
464	A Structural Perspective on Readout of Epigenetic Histone and DNA Methylation Marks. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a018754.	2.3	79
465	Endogenous microRNA sponges: evidence and controversy. <i>Nature Reviews Genetics</i> , 2016, 17, 272-283.	7.7	1,669
466	Long Noncoding RNAs in Cancer Pathways. <i>Cancer Cell</i> , 2016, 29, 452-463.	7.7	2,584
467	Long Non-Coding RNA lincRNA-ROR Promotes the Progression of Colon Cancer and Holds Prognostic Value by Associating with miR-145. <i>Pathology and Oncology Research</i> , 2016, 22, 733-740.	0.9	56
468	The Properties of Long Noncoding RNAs That Regulate Chromatin. <i>Annual Review of Genomics and Human Genetics</i> , 2016, 17, 69-94.	2.5	75
469	The role of epigenetics and long noncoding RNA MIAT in neuroendocrine prostate cancer. <i>Epigenomics</i> , 2016, 8, 721-731.	1.0	94
470	LincRNA1230 inhibits the differentiation of mouse ES cells towards neural progenitors. <i>Science China Life Sciences</i> , 2016, 59, 443-454.	2.3	11

#	ARTICLE	IF	CITATIONS
471	Regulatory effects of cotranscriptional <scp>RNA</scp> structure formation and transitions. Wiley Interdisciplinary Reviews RNA, 2016, 7, 562-574.	3.2	19
472	A Bipartite Network-based Method for Prediction of Long Non-coding RNAâ€“protein Interactions. Genomics, Proteomics and Bioinformatics, 2016, 14, 62-71.	3.0	88
473	Long noncoding RNA LINP1 regulates repair of DNA double-strand breaks in triple-negative breast cancer. Nature Structural and Molecular Biology, 2016, 23, 522-530.	3.6	231
474	Genome-wide profiling of long non-coding RNA expression patterns in the EGFR-TKI resistance of lung adenocarcinoma by microarray. Oncology Reports, 2016, 35, 3371-3386.	1.2	23
475	Downregulated long non-coding RNA MEG3 in breast cancer regulates proliferation, migration and invasion by depending on p53â€™s transcriptional activity. Biochemical and Biophysical Research Communications, 2016, 478, 323-329.	1.0	87
476	Small Peptides as Newcomers in the Control of Drosophila Development. Current Topics in Developmental Biology, 2016, 117, 199-219.	1.0	24
477	lncRNA expression in the auditory forebrain during postnatal development. Gene, 2016, 593, 201-216.	1.0	18
479	Identification of Small Novel Coding Sequences, a Proteogenomics Endeavor. Advances in Experimental Medicine and Biology, 2016, 926, 49-64.	0.8	14
480	Insertion of an Alu element in a lncRNA leads to primate-specific modulation of alternative splicing. Nature Structural and Molecular Biology, 2016, 23, 1011-1019.	3.6	75
481	COOLAIR Antisense RNAs Form Evolutionarily Conserved Elaborate Secondary Structures. Cell Reports, 2016, 16, 3087-3096.	2.9	132
482	Microbial Manipulation Host Dark Matter. , 2016, , 27-52.		0
483	Linking Long Noncoding RNA Localization and Function. Trends in Biochemical Sciences, 2016, 41, 761-772.	3.7	814
484	Advances in the characterization of RNAâ€“binding proteins. Wiley Interdisciplinary Reviews RNA, 2016, 7, 793-810.	3.2	89
485	Long Intergenic Noncoding RNAs Mediate the Human Chondrocyte Inflammatory Response and Are Differentially Expressed in Osteoarthritis Cartilage. Arthritis and Rheumatology, 2016, 68, 845-856.	2.9	114
486	<scp>lncRNAs</scp> regulate the innate immune response to viral infection. Wiley Interdisciplinary Reviews RNA, 2016, 7, 129-143.	3.2	92
487	Non-coding RNAs and Inter-kingdom Communication. , 2016, , .		5
488	lncRNA, a new component of expanding RNA-protein regulatory network important for animal sperm development. Seminars in Cell and Developmental Biology, 2016, 59, 110-117.	2.3	54
489	Systematic characterization of novel lncRNAs responding to phosphate starvation in Arabidopsis thaliana. BMC Genomics, 2016, 17, 655.	1.2	113

#	ARTICLE	IF	CITATIONS
490	Non-coding RNAs: Classification, Biology and Functioning. <i>Advances in Experimental Medicine and Biology</i> , 2016, 937, 3-17.	0.8	596
491	SHAPE reveals transcript-wide interactions, complex structural domains, and protein interactions across the <i>Xist</i> lncRNA in living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10322-10327.	3.3	201
492	Decoding sORF translation from small proteins to gene regulation. <i>RNA Biology</i> , 2016, 13, 1051-1059.	1.5	54
493	Long non-coding RNAs in cancer metabolism. <i>BioEssays</i> , 2016, 38, 991-996.	1.2	33
494	Non-coding RNAs in Development and Disease: Background, Mechanisms, and Therapeutic Approaches. <i>Physiological Reviews</i> , 2016, 96, 1297-1325.	13.1	1,426
495	Regulatory non-coding RNA: new instruments in the orchestration of cell death. <i>Cell Death and Disease</i> , 2016, 7, e2333-e2333.	2.7	101
496	Long non-coding RNAs link extracellular matrix gene expression to ischemic cardiomyopathy. <i>Cardiovascular Research</i> , 2016, 112, 543-554.	1.8	64
497	Systems medicine in colorectal cancer: from a mathematical model toward a new type of clinical trial. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2016, 8, 314-336.	6.6	11
498	In Vivo Characterization of Linc-p21 Reveals Functional cis-Regulatory DNA Elements. <i>Cell Reports</i> , 2016, 16, 2178-2186.	2.9	94
499	A feed-forward loop between lncARSR and YAP activity promotes expansion of renal tumour-initiating cells. <i>Nature Communications</i> , 2016, 7, 12692.	5.8	91
500	The lncRNA HOTAIR impacts on mesenchymal stem cells via triple helix formation. <i>Nucleic Acids Research</i> , 2016, 44, 10631-10643.	6.5	141
501	linc00152 Functions as a Competing Endogenous RNA to Confer Oxaliplatin Resistance and Holds Prognostic Values in Colon Cancer. <i>Molecular Therapy</i> , 2016, 24, 2064-2077.	3.7	167
502	Long non-coding RNAs in human early embryonic development and their potential in ART. <i>Human Reproduction Update</i> , 2016, 23, 19-40.	5.2	108
503	H19 gene methylation status is associated with male infertility. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 451-456.	0.8	19
504	The complexity of the translation ability of circRNAs. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 1245-1251.	0.9	163
505	Challenges in the analysis of long noncoding RNA functionality. <i>FEBS Letters</i> , 2016, 590, 2342-2353.	1.3	37
506	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
507	Genome-wide identification and functional analysis of long noncoding RNAs involved in the response to graphene oxide. <i>Biomaterials</i> , 2016, 102, 277-291.	5.7	85

#	ARTICLE	IF	CITATIONS
508	Identification and functional characterization of lncRNAs acting as ceRNA involved in the malignant progression of glioblastoma multiforme. <i>Oncology Reports</i> , 2016, 36, 2911-2925.	1.2	34
509	Long non-coding RNAs: spatial amplifiers that control nuclear structure and gene expression. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 756-770.	16.1	510
510	Analysis of long non-coding RNA expression profiles in pancreatic ductal adenocarcinoma. <i>Scientific Reports</i> , 2016, 6, 33535.	1.6	68
511	LncRNA SRA promotes hepatic steatosis through repressing the expression of adipose triglyceride lipase (ATGL). <i>Scientific Reports</i> , 2016, 6, 35531.	1.6	85
512	Long non-coding RNA linc-cdh4-2 inhibits the migration and invasion of HCC cells by targeting R-cadherin pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016, 480, 348-354.	1.0	16
513	Changing expression profiles of lncRNAs, mRNAs, circRNAs and miRNAs during osteoclastogenesis. <i>Scientific Reports</i> , 2016, 6, 21499.	1.6	157
514	RNA-DNA Triplex Formation by Long Noncoding RNAs. <i>Cell Chemical Biology</i> , 2016, 23, 1325-1333.	2.5	183
515	LncSox4 promotes the self-renewal of liver tumour-initiating cells through Stat3-mediated Sox4 expression. <i>Nature Communications</i> , 2016, 7, 12598.	5.8	181
516	lncRNA <i>NBR2</i> modulates cancer cell sensitivity to phenformin through GLUT1. <i>Cell Cycle</i> , 2016, 15, 3471-3481.	1.3	64
517	LTR-mediated retroposition as a mechanism of RNA-based duplication in metazoans. <i>Genome Research</i> , 2016, 26, 1663-1675.	2.4	42
518	Chemical Tools for Dissecting the Role of lncRNAs in Epigenetic Regulation. <i>ACS Chemical Biology</i> , 2016, 11, 2091-2100.	1.6	4
519	Mechanisms of Gene Regulation. , 2016, , .		15
520	Environmental Health and Long Non-coding RNAs. <i>Current Environmental Health Reports</i> , 2016, 3, 178-187.	3.2	82
521	Increased expression of lncRNA BANCR and its prognostic significance in human hepatocellular carcinoma. <i>World Journal of Surgical Oncology</i> , 2016, 14, 8.	0.8	61
522	A Long Noncoding RNA lincRNA-EPS Acts as a Transcriptional Brake to Restrain Inflammation. <i>Cell</i> , 2016, 165, 1672-1685.	13.5	399
523	Downregulation of Long Noncoding RNA Meg3 Affects Insulin Synthesis and Secretion in Mouse Pancreatic Beta Cells. <i>Journal of Cellular Physiology</i> , 2016, 231, 852-862.	2.0	131
524	Noncoding and coding transcriptome responses of a marine diatom to phosphate fluctuations. <i>New Phytologist</i> , 2016, 210, 497-510.	3.5	118
525	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
526	Rapid evolutionary turnover underlies conserved lncRNA–genome interactions. <i>Genes and Development</i> , 2016, 30, 191-207.	2.7	152
527	Role of non-coding sequence variants in cancer. <i>Nature Reviews Genetics</i> , 2016, 17, 93-108.	7.7	420
528	Noncoding RNAs in breast cancer. <i>Briefings in Functional Genomics</i> , 2016, 15, 200-221.	1.3	41
529	Long noncoding RNAs as potential biomarkers in gastric cancer: Opportunities and challenges. <i>Cancer Letters</i> , 2016, 371, 62-70.	3.2	55
530	Unique features of long non-coding RNA biogenesis and function. <i>Nature Reviews Genetics</i> , 2016, 17, 47-62.	7.7	2,891
531	Long noncoding RNAs in T lymphocytes. <i>Journal of Leukocyte Biology</i> , 2016, 99, 31-44.	1.5	31
532	Epigenetic Mechanisms in Diabetic Kidney Disease. <i>Current Diabetes Reports</i> , 2016, 16, 31.	1.7	38
533	Pinched by RNA –fingers– Long noncoding RNAs hitting signal transduction pathways. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1046582.	0.3	2
534	lncRNA NBR2 engages a metabolic checkpoint by regulating AMPK under energy stress. <i>Nature Cell Biology</i> , 2016, 18, 431-442.	4.6	239
535	De novo assembly and annotation of the European abalone <i>Haliotis tuberculata</i> transcriptome. <i>Marine Genomics</i> , 2016, 28, 11-16.	0.4	36
536	RDoC and translational perspectives on the genetics of trauma–related psychiatric disorders. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 81-91.	1.1	27
537	Emerging roles of lncRNA in senescence. <i>FEBS Journal</i> , 2016, 283, 2414-2426.	2.2	50
538	Characters, functions and clinical perspectives of long non-coding RNAs. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1013-1033.	1.0	63
539	The role of lncRNAs in hepatocellular carcinoma: opportunities as novel targets for pharmacological intervention. <i>Expert Review of Gastroenterology and Hepatology</i> , 2016, 10, 331-340.	1.4	18
540	Characterization of DNA methylation as a function of biological complexity via dinucleotide inter-distances. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150227.	1.6	7
541	High expression of long non-coding RNA lncRNA-ATB is correlated with metastases and promotes cell migration and invasion in renal cell carcinoma. <i>Japanese Journal of Clinical Oncology</i> , 2016, 46, 378-384.	0.6	77
542	Long noncoding RNAs as Organizers of Nuclear Architecture. <i>Science China Life Sciences</i> , 2016, 59, 236-244.	2.3	8
543	Post-Transcriptional Mechanisms Regulating Epidermal Stem and Progenitor Cell Self-Renewal and Differentiation. <i>Journal of Investigative Dermatology</i> , 2016, 136, 746-752.	0.3	12

#	ARTICLE	IF	CITATIONS
544	The Emerging Function and Mechanism of ceRNAs in Cancer. Trends in Genetics, 2016, 32, 211-224.	2.9	164
545	Roles for long non-coding RNAs in physiology and disease. Pflugers Archiv European Journal of Physiology, 2016, 468, 945-958.	1.3	83
546	Long non-coding RNA: A newly deciphered "code" in prostate cancer. Cancer Letters, 2016, 375, 323-330.	3.2	62
548	HIV-Induced Epigenetic Alterations in Host Cells. Advances in Experimental Medicine and Biology, 2016, 879, 27-38.	0.8	35
549	Detection of Long Noncoding RNA Expression by Nonradioactive Northern Blots. Methods in Molecular Biology, 2016, 1402, 177-188.	0.4	5
550	Long noncoding RNA-HOTAIR affects chemoresistance by regulating HOXA1 methylation in small cell lung cancer cells. Laboratory Investigation, 2016, 96, 60-68.	1.7	97
551	Relationships between PROMPT and gene expression. RNA Biology, 2016, 13, 6-14.	1.5	25
552	deepBase v2.0: identification, expression, evolution and function of small RNAs, LncRNAs and circular RNAs from deep-sequencing data. Nucleic Acids Research, 2016, 44, D196-D202.	6.5	203
553	Roles of competing endogenous RNAs in gastric cancer. Briefings in Functional Genomics, 2016, 15, 266-273.	1.3	18
554	Transcriptomics and Gene Regulation. Translational Bioinformatics, 2016, , .	0.0	2
555	Do circulating long non-coding RNAs (lncRNAs) (lincRNA-p21, GAS 5, HOTAIR) predict the treatment response in patients with head and neck cancer treated with chemoradiotherapy?. Tumor Biology, 2016, 37, 3969-3978.	0.8	61
556	Regulatory RNAs and control of epigenetic mechanisms: expectations for cognition and cognitive dysfunction. Epigenomics, 2016, 8, 135-151.	1.0	55
557	Functions of plants long non-coding RNAs. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 155-162.	0.9	72
558	Advances in long noncoding RNAs: identification, structure prediction and function annotation. Briefings in Functional Genomics, 2016, 15, 38-46.	1.3	111
559	Circular RNAs: Identification, biogenesis and function. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 163-168.	0.9	469
560	Long non-coding RNAs in innate and adaptive immunity. Virus Research, 2016, 212, 146-160.	1.1	79
561	Computational recognition for long non-coding RNA (lncRNA): Software and databases. Briefings in Bioinformatics, 2017, 18, 9-27.	3.2	42
562	A Comprehensive Analysis of Cell Type-Specific Nuclear RNA From Neurons and Glia of the Brain. Biological Psychiatry, 2017, 81, 252-264.	0.7	47

#	ARTICLE	IF	CITATIONS
563	Investigation of Long Non-coding RNA Expression Profiles in the Substantia Nigra of Parkinson's Disease. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 329-338.	1.7	60
564	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
565	Hypermethylation of antisense long noncoding RNAs in acute lymphoblastic leukemia. <i>Epigenomics</i> , 2017, 9, 635-645.	1.0	7
566	Long Non-Coding RNA SPRY4-IT1 Can Predict Unfavorable Prognosis and Lymph Node Metastasis: a Meta-Analysis. <i>Pathology and Oncology Research</i> , 2017, 23, 731-736.	0.9	3
567	The long non-coding RNA NEAT1 is responsive to neuronal activity and is associated with hyperexcitability states. <i>Scientific Reports</i> , 2017, 7, 40127.	1.6	92
569	Global Prioritizing Disease Candidate lncRNAs via a Multi-level Composite Network. <i>Scientific Reports</i> , 2017, 7, 39516.	1.6	47
570	Epigenomic landscape of 5-hydroxymethylcytosine reveals its transcriptional regulation of lncRNAs in colorectal cancer. <i>British Journal of Cancer</i> , 2017, 116, 658-668.	2.9	38
571	The PRC2-binding long non-coding RNAs in human and mouse genomes are associated with predictive sequence features. <i>Scientific Reports</i> , 2017, 7, 41669.	1.6	13
572	Long non-coding RNA Linc-RAM enhances myogenic differentiation by interacting with MyoD. <i>Nature Communications</i> , 2017, 8, 14016.	5.8	147
573	Alternative splicing of the <i>OCC-1</i> gene generates three splice variants and a novel exonic microRNA, which regulate the Wnt signaling pathway. <i>Rna</i> , 2017, 23, 70-85.	1.6	23
574	Nuclear retention of the lncRNA SNHG1 by doxorubicin attenuates hnRNPA2B1-p53 protein interactions. <i>EMBO Reports</i> , 2017, 18, 536-548.	2.0	86
575	Profiling analysis of long non-coding RNAs in early postnatal mouse hearts. <i>Scientific Reports</i> , 2017, 7, 43485.	1.6	12
576	Lnc-mg is a long non-coding RNA that promotes myogenesis. <i>Nature Communications</i> , 2017, 8, 14718.	5.8	201
577	Genome-wide screening and characterization of long non-coding RNAs involved in flowering development of trifoliate orange (<i>Poncirus trifoliata</i> L. Raf.). <i>Scientific Reports</i> , 2017, 7, 43226.	1.6	41
578	Faecal microbiota transplantation protects against radiation-induced toxicity. <i>EMBO Molecular Medicine</i> , 2017, 9, 448-461.	3.3	220
580	lncRNAs are associated with polysomes during adipose-derived stem cell differentiation. <i>Gene</i> , 2017, 610, 103-111.	1.0	16
581	Exploring single nucleotide polymorphism (SNP), microsatellite (SSR) and differentially expressed genes in the jellyfish (<i>Rhopilema esculentum</i>) by transcriptome sequencing. <i>Marine Genomics</i> , 2017, 34, 31-37.	0.4	5
582	Discovery of Cancer Driver Long Noncoding RNAs across 1112 Tumour Genomes: New Candidates and Distinguishing Features. <i>Scientific Reports</i> , 2017, 7, 41544.	1.6	98

#	ARTICLE	IF	CITATIONS
583	Changes in lncRNAs and related genes in β^2 -thalassemia minor and β^2 -thalassemia major. <i>Frontiers of Medicine</i> , 2017, 11, 74-86.	1.5	10
584	<i>Flicr</i> , a long noncoding RNA, modulates Foxp3 expression and autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3472-E3480.	3.3	141
585	A novel lncRNA uc.134 represses hepatocellular carcinoma progression by inhibiting CUL4A-mediated ubiquitination of LATS1. <i>Journal of Hematology and Oncology</i> , 2017, 10, 91.	6.9	171
586	Competitive endogenous RNA network: potential implication for systemic lupus erythematosus. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 639-648.	1.5	67
587	LINC00152: A pivotal oncogenic long non-coding RNA in human cancers. <i>Cell Proliferation</i> , 2017, 50, e12349.	2.4	78
588	Oncogenic RAS Regulates Long Noncoding RNA <i>Orilnc1</i> in Human Cancer. <i>Cancer Research</i> , 2017, 77, 3745-3757.	0.4	34
589	Genome-Wide Function Analysis of lincRNAs as miRNA Targets or Decoys in Plant. <i>RNA Technologies</i> , 2017, , 149-162.	0.2	3
590	The emergence of noncoding RNAs as Heracles in autophagy. <i>Autophagy</i> , 2017, 13, 1004-1024.	4.3	85
591	Aberrantly expressed long noncoding RNAs in recurrent implantation failure: A microarray related study. <i>Systems Biology in Reproductive Medicine</i> , 2017, 63, 269-278.	1.0	25
592	Transcriptome analysis of miRNA-lncRNA-mRNA interactions in the malignant transformation process of gastric cancer initiation. <i>Cancer Gene Therapy</i> , 2017, 24, 267-275.	2.2	73
593	Mining for Micropeptides. <i>Trends in Cell Biology</i> , 2017, 27, 685-696.	3.6	191
594	Non-coding Transcripts from Enhancers: New Insights into Enhancer Activity and Gene Expression Regulation. <i>Genomics, Proteomics and Bioinformatics</i> , 2017, 15, 201-207.	3.0	52
595	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
596	Long noncoding RNA and its contribution to autism spectrum disorders. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 645-656.	1.9	59
597	LncRNA hTCONS_00026907 is involved in the progression and prognosis of cervical cancer through inhibiting miR-143-5p. <i>Cancer Medicine</i> , 2017, 6, 1409-1423.	1.3	65
598	A Comprehensive Review of Genomics and Noncoding RNA in Gliomas. <i>Topics in Magnetic Resonance Imaging</i> , 2017, 26, 3-14.	0.7	18
599	Deep sequencing reveals a global reprogramming of lncRNA transcriptome during EMT. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1703-1713.	1.9	18
600	Long non-coding RNA AB019562 promotes cell proliferation and metastasis in human hepatocellular carcinoma. <i>Molecular Medicine Reports</i> , 2017, 16, 69-74.	1.1	6

#	ARTICLE	IF	CITATIONS
601	Upregulation of the long noncoding RNA UCA1 affects the proliferation, invasion, and survival of hypopharyngeal carcinoma. <i>Molecular Cancer</i> , 2017, 16, 68.	7.9	54
602	LncAtlas database for subcellular localization of long noncoding RNAs. <i>Rna</i> , 2017, 23, 1080-1087.	1.6	230
603	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
604	Identification of differentially expressed circular RNAs in human colorectal cancer. <i>Tumor Biology</i> , 2017, 39, 101042831769454.	0.8	77
605	Sub-cellular mRNA localization modulates the regulation of gene expression by small RNAs in bacteria. <i>Physical Biology</i> , 2017, 14, 056001.	0.8	14
606	Noncoding RNAs in Platelet Biology. , 2017, , 239-252.		2
607	Potential of long non-coding RNAs in cancer patients: From biomarkers to therapeutic targets. <i>International Journal of Cancer</i> , 2017, 140, 1955-1967.	2.3	417
608	Long noncoding RNA HULC modulates the phosphorylation of YBâ€1 through serving as a scaffold of extracellular signalâ€regulated kinase and YBâ€1 to enhance hepatocarcinogenesis. <i>Hepatology</i> , 2017, 65, 1612-1627.	3.6	179
609	NSDNA: a manually curated database of experimentally supported ncRNAs associated with nervous system diseases. <i>Nucleic Acids Research</i> , 2017, 45, D902-D907.	6.5	40
610	DNAâ€RNA interactions are critical for chromosome condensation in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12225-12230.	3.3	21
611	Energy stress-induced lncRNA FILNC1 represses c-Myc-mediated energy metabolism and inhibits renal tumor development. <i>Nature Communications</i> , 2017, 8, 783.	5.8	157
612	The role of long non-coding RNAs in rheumatic diseases. <i>Nature Reviews Rheumatology</i> , 2017, 13, 657-669.	3.5	65
613	Long and small noncoding RNAs during oocyte-to-embryo transition in mammals. <i>Biochemical Society Transactions</i> , 2017, 45, 1117-1124.	1.6	25
614	Mesenchymal Stem Cells Promote Hepatocarcinogenesis via lncRNAâ€MUF Interaction with ANXA2 and miR-34a. <i>Cancer Research</i> , 2017, 77, 6704-6716.	0.4	193
615	Translation of noncoding RNAs: Focus on lncRNAs, pri-miRNAs, and circRNAs. <i>Experimental Cell Research</i> , 2017, 361, 1-8.	1.2	97
616	Quantitative proteomics reveals that long non-coding RNA MALAT1 interacts with DBC1 to regulate p53 acetylation. <i>Nucleic Acids Research</i> , 2017, 45, 9947-9959.	6.5	144
617	Differential expression of long non-coding RNAs in patients with tuberculosis infection. <i>Tuberculosis</i> , 2017, 107, 73-79.	0.8	26
618	Gene regulation in the immune system by long noncoding RNAs. <i>Nature Immunology</i> , 2017, 18, 962-972.	7.0	611

#	ARTICLE	IF	CITATIONS
619	Long Non Coding RNA Biology. <i>Advances in Experimental Medicine and Biology</i> , 2017, , .	0.8	18
620	Noncoding RNAs in neurodegeneration. <i>Nature Reviews Neuroscience</i> , 2017, 18, 627-640.	4.9	121
621	LncRNAAC132217.4, a KLF8-regulated long non-coding RNA, facilitates oral squamous cell carcinoma metastasis by upregulating IGF2 expression. <i>Cancer Letters</i> , 2017, 407, 45-56.	3.2	45
622	Decreased AGO2 and DCR1 in PBMCs from War Veterans with PTSD leads to diminished miRNA resulting in elevated inflammation. <i>Translational Psychiatry</i> , 2017, 7, e1222-e1222.	2.4	18
623	Progress on the HUPO Draft Human Proteome: 2017 Metrics of the Human Proteome Project. <i>Journal of Proteome Research</i> , 2017, 16, 4281-4287.	1.8	55
624	Regulation of Inflammatory Signaling in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017, , .	0.8	7
625	MicroRNA in Immune Regulation. <i>Current Topics in Microbiology and Immunology</i> , 2017, 410, 249-267.	0.7	19
626	Emerging Roles for Epigenetic Programming in the Control of Inflammatory Signaling Integration in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1024, 63-90.	0.8	7
627	Analysis of long non-coding RNA expression profiles in clear cell renal cell carcinoma. <i>Oncology Letters</i> , 2017, 14, 2757-2764.	0.8	22
628	The nuclear protein-coding gene ANKRD23 negatively regulates myoblast differentiation. <i>Gene</i> , 2017, 629, 68-75.	1.0	3
629	Identification of Circulating Long Noncoding RNA HOTAIR as a Novel Biomarker for Diagnosis and Monitoring of Non-Small Cell Lung Cancer. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 1060-1066.	0.8	61
630	Technological Developments in lncRNA Biology. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1008, 283-323.	0.8	296
631	Long non-coding RNAs as novel biomarkers for breast cancer invasion and metastasis. <i>Oncology Letters</i> , 2017, 14, 1895-1904.	0.8	15
632	Genome-scale activation screen identifies a lncRNA locus regulating a gene neighbourhood. <i>Nature</i> , 2017, 548, 343-346.	13.7	336
633	The Therapeutic Targeting of Long Noncoding RNA. <i>Topics in Medicinal Chemistry</i> , 2017, , 207-235.	0.4	2
634	Emerging Concepts Targeting Immune Checkpoints in Cancer and Autoimmunity. <i>Current Topics in Microbiology and Immunology</i> , 2017, , .	0.7	1
635	Long non-coding RNA DANCR regulates the proliferation and osteogenic differentiation of human bone-derived marrow mesenchymal stem cells via the p38 β /1/2MAPK pathway. <i>International Journal of Molecular Medicine</i> , 2017, 41, 213-219.	1.8	69
636	Expression profile analysis of long non-coding RNAs involved in the metformin-inhibited gluconeogenesis of primary mouse hepatocytes. <i>International Journal of Molecular Medicine</i> , 2017, 41, 302-310.	1.8	10

#	ARTICLE	IF	CITATIONS
637	Genome-wide identification of long non-coding RNA genes and their association with insecticide resistance and metamorphosis in diamondback moth, <i>Plutella xylostella</i> . <i>Scientific Reports</i> , 2017, 7, 15870.	1.6	32
638	Genome-wide analyses of long noncoding RNA expression profiles in lung adenocarcinoma. <i>Scientific Reports</i> , 2017, 7, 15331.	1.6	20
639	LncRNA UCA1 Promotes Mitochondrial Function of Bladder Cancer via the MiR-195/ARL2 Signaling Pathway. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 2548-2561.	1.1	100
640	Competing endogenous RNA screening based on long noncoding RNA-messenger RNA co-expression profile in Hepatitis B virus-associated hepatocarcinogenesis. <i>Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine</i> , 2017, 37, 510-521.	0.4	13
641	Genome-wide discovery of long intergenic noncoding RNAs and their epigenetic signatures in the rat. <i>Scientific Reports</i> , 2017, 7, 14817.	1.6	3
642	Unraveling long non-coding RNAs through analysis of high-throughput RNA-sequencing data. <i>Non-coding RNA Research</i> , 2017, 2, 111-118.	2.4	22
643	Over Expression of Long Non-Coding RNA PANDA Promotes Hepatocellular Carcinoma by Inhibiting Senescence Associated Inflammatory Factor IL8. <i>Scientific Reports</i> , 2017, 7, 4186.	1.6	25
644	Classification and function of small open reading frames. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 18, 575-589.	16.1	247
645	Differential transcriptome expression in human nucleus accumbens as a function of loneliness. <i>Molecular Psychiatry</i> , 2017, 22, 1069-1078.	4.1	26
646	MEG3 Long Noncoding RNA Contributes to the Epigenetic Regulation of Epithelial-Mesenchymal Transition in Lung Cancer Cell Lines. <i>Journal of Biological Chemistry</i> , 2017, 292, 82-99.	1.6	157
647	Long non-coding ribonucleic acid zinc finger antisense 1 promotes the progression of colonic cancer by modulating ZEB1 expression. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 1204-1211.	1.4	61
648	T-Cell Differentiation. <i>Methods in Molecular Biology</i> , 2017, , .	0.4	19
649	Next-Generation Sequencing Analysis of Long Noncoding RNAs in CD4+ T Cell Differentiation. <i>Methods in Molecular Biology</i> , 2017, 1514, 173-185.	0.4	20
650	Roles of long noncoding <sc>RNAs</sc> in chromosome domains. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017, 8, e1384.	3.2	12
651	Distinct Hippocampal Expression Profiles of Long Non-coding RNAs in an Alzheimer's Disease Model. <i>Molecular Neurobiology</i> , 2017, 54, 4833-4846.	1.9	58
652	Long noncoding RNA (lincRNA), a new paradigm in gene expression control. <i>Functional and Integrative Genomics</i> , 2017, 17, 135-143.	1.4	182
653	The degradation of EZH2 mediated by lncRNA ANCR attenuated the invasion and metastasis of breast cancer. <i>Cell Death and Differentiation</i> , 2017, 24, 59-71.	5.0	271
654	The Yin and Yang of nucleic acid-based therapy in the brain. <i>Progress in Neurobiology</i> , 2017, 155, 194-211.	2.8	22

#	ARTICLE	IF	CITATIONS
655	Circular RNAs: emerging cancer biomarkers and targets. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 152.	3.5	155
656	lncRNA Panct1 Maintains Mouse Embryonic Stem Cell Identity by Regulating TOBF1 Recruitment to Oct-Sox Sequences in Early G1. <i>Cell Reports</i> , 2017, 21, 3012-3021.	2.9	35
657	circIncrNA.net: An integrated web-based resource for mapping functional networks of long or circular forms of non-coding RNAs. <i>GigaScience</i> , 2018, 7, 1-10.	3.3	75
658	Identification of long non-coding RNAs in the immature and mature rat anterior pituitary. <i>Scientific Reports</i> , 2017, 7, 17780.	1.6	19
659	Long non-coding RNA Fer-1-like protein 4 acts as a tumor suppressor via miR-106a-5p and predicts good prognosis in hepatocellular carcinoma. <i>Cancer Biomarkers</i> , 2017, 20, 55-65.	0.8	30
660	KIF9, LINC01272 and DIO3OS lncRNAs as novel biomarkers for inflammatory bowel disease. <i>Molecular Medicine Reports</i> , 2018, 17, 2195-2202.	1.1	44
661	Prognostic Role of Long Noncoding RNA BANCR in Solid Tumors: A Meta-Analysis. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 727-735.	0.8	0
662	The coding and noncoding transcriptome of <i>Neurospora crassa</i> . <i>BMC Genomics</i> , 2017, 18, 978.	1.2	26
663	A cautionary tale of sense-antisense gene pairs: independent regulation despite inverse correlation of expression. <i>Nucleic Acids Research</i> , 2017, 45, 12496-12508.	6.5	63
664	Long non-coding RNAs: a rising biotarget in colorectal cancer. <i>Oncotarget</i> , 2017, 8, 22187-22202.	0.8	69
665	Long noncoding RNA MALAT-1 is a novel inflammatory regulator in human systemic lupus erythematosus. <i>Oncotarget</i> , 2017, 8, 77400-77406.	0.8	72
666	Mitochondrial noncoding RNA transport. <i>BMB Reports</i> , 2017, 50, 164-174.	1.1	49
667	Meta-analysis of the prognostic value of lncRNA ZFAS1 in patients with solid tumors. <i>Oncotarget</i> , 2017, 8, 90301-90307.	0.8	10
669	Downregulation of lncRNA SDPR-AS is associated with poor prognosis in renal cell carcinoma. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 3039-3047.	1.0	10
670	RAID v2.0: an updated resource of RNA-associated interactions across organisms. <i>Nucleic Acids Research</i> , 2017, 45, D115-D118.	6.5	208
671	MALAT1-mediated tumorigenesis. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 66-80.	3.0	56
672	Prognostic role of long non-coding RNA LINC00152 in Chinese cancer patients: a meta-analysis. <i>Oncotarget</i> , 2017, 8, 93227-93235.	0.8	4
673	The Role of Non-Coding RNAs in Cytoplasmic Male Sterility in Flowering Plants. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2429.	1.8	17

#	ARTICLE	IF	CITATIONS
674	Rare Splice Variants in Long Non-Coding RNAs. <i>Non-coding RNA</i> , 2017, 3, 23.	1.3	8
675	Multiple Roles of MYC in Integrating Regulatory Networks of Pluripotent Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 7.	1.8	39
676	Epigenomic Regulation of Androgen Receptor Signaling: Potential Role in Prostate Cancer Therapy. <i>Cancers</i> , 2017, 9, 9.	1.7	37
677	Catalog of Differentially Expressed Long Non-Coding RNA following Activation of Human and Mouse Innate Immune Response. <i>Frontiers in Immunology</i> , 2017, 8, 1038.	2.2	66
678	Identification of the Spinal Expression Profile of Non-coding RNAs Involved in Neuropathic Pain Following Spared Nerve Injury by Sequence Analysis. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 91.	1.4	129
679	Long Non-coding RNAs in Prostate Cancer with Emphasis on Second Chromosome Locus Associated with Prostate-1 Expression. <i>Frontiers in Oncology</i> , 2017, 7, 305.	1.3	20
680	The Effect of Botulinum Toxin Type A on Expression Profiling of Long Noncoding RNAs in Human Dermal Fibroblasts. <i>BioMed Research International</i> , 2017, 2017, 1-13.	0.9	7
681	Tissue- and Cell Type-Specific Expression of the Long Noncoding RNA Klhl14-AS in Mouse. <i>International Journal of Genomics</i> , 2017, 2017, 1-7.	0.8	18
682	Conserved noncoding transcription and core promoter regulatory code in early <i>Drosophila</i> development. <i>ELife</i> , 2017, 6, .	2.8	10
683	Long Noncoding RNAs as Biomarkers in Cancer. <i>Disease Markers</i> , 2017, 2017, 1-14.	0.6	309
684	Regulation of Noncoding Transcriptome in Developing Photoreceptors by Rod Differentiation Factor NRL. <i>NRL</i> , 2017, 58, 4422.		19
685	Differently expressed long noncoding RNAs and mRNAs in TK6 cells exposed to low dose hydroquinone. <i>Oncotarget</i> , 2017, 8, 95554-95567.	0.8	9
686	Genes uniquely expressed in human growth plate chondrocytes uncover a distinct regulatory network. <i>BMC Genomics</i> , 2017, 18, 983.	1.2	17
687	Modular function of long noncoding RNA, COLDAIR, in the vernalization response. <i>PLoS Genetics</i> , 2017, 13, e1006939.	1.5	115
688	Identification of key lncRNAs in colorectal cancer progression based on associated protein-protein interaction analysis. <i>World Journal of Surgical Oncology</i> , 2017, 15, 153.	0.8	23
689	The multidimensional mechanisms of long noncoding RNA function. <i>Genome Biology</i> , 2017, 18, 206.	3.8	802
690	Intergenic disease-associated regions are abundant in novel transcripts. <i>Genome Biology</i> , 2017, 18, 241.	3.8	45
691	Long non-coding RNA exchange during the oocyte-to-embryo transition in mice. <i>DNA Research</i> , 2017, 24, dsw058.	1.5	37

#	ARTICLE	IF	CITATIONS
692	The lncRNA BORG Drives Breast Cancer Metastasis and Disease Recurrence. <i>Scientific Reports</i> , 2017, 7, 12698.	1.6	73
693	Potential lncRNA diagnostic biomarkers for early gastric cancer. <i>Molecular Medicine Reports</i> , 2017, 16, 9545-9552.	1.1	30
694	Identification of differentially expressed profiles of lncRNAs 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
695	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
696	Long noncoding RNA α ATB promotes cell proliferation, migration and invasion in gastric cancer. <i>Molecular Medicine Reports</i> , 2018, 17, 1940-1946.	1.1	17
697	A regulatory function of long non-coding RNAs in red blood cell development. <i>Acta Biochimica Polonica</i> , 2017, 63, 675-680.	0.3	12
698	Long non-coding RNA TUG1: a novel therapeutic target in small cell lung cancer. <i>Journal of Thoracic Disease</i> , 2017, 9, E644-E645.	0.6	17
699	<i>omiXcore</i> : a web server for prediction of protein interactions with large RNA. <i>Bioinformatics</i> , 2017, 33, 3104-3106.	1.8	18
700	High expression of the long non-coding RNA HEIRCC promotes Renal Cell Carcinoma metastasis by inducing epithelial-mesenchymal transition. <i>Oncotarget</i> , 2017, 8, 6555-6563.	0.8	30
701	New insights into epigenetic modifications in heart failure. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 230-247.	3.0	8
702	Identification of a novel metastasis inducing lncRNA which suppresses the KAI1/CD82 metastasis suppressor gene and is upregulated in triple-negative breast cancer. <i>Oncotarget</i> , 2017, 8, 67538-67552.	0.8	13
703	BANCR: a novel oncogenic long non-coding RNA in human cancers. <i>Oncotarget</i> , 2017, 8, 94997-95004.	0.8	22
704	Trends of long noncoding RNA research from 2007 to 2016: a bibliometric analysis. <i>Oncotarget</i> , 2017, 8, 83114-83127.	0.8	34
705	Microarray analysis of long non-coding RNAs related to microRNA-148b in gastric cancer. <i>Neoplasma</i> , 2017, 64, 199-208.	0.7	8
706	lncRNAs: key players and novel insights into diabetes mellitus. <i>Oncotarget</i> , 2017, 8, 71325-71341.	0.8	81
707	Long Non-coding RNAs and their Role in Metastasis. <i>Cancer Genomics and Proteomics</i> , 2017, 14, 143-160.	1.0	171
708	Long non-coding RNAs within the tumour microenvironment and their role in tumour-stroma cross-talk. <i>Cancer Letters</i> , 2018, 421, 94-102.	3.2	22
709	Long Noncoding RNAs: New Players in the Osteogenic Differentiation of Bone Marrow- and Adipose-Derived Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 297-308.	5.6	49

#	ARTICLE	IF	CITATIONS
710	Silencing of LncRNA-HOTAIR decreases drug resistance of Non-Small Cell Lung Cancer cells by inactivating autophagy via suppressing the phosphorylation of ULK1. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 1003-1010.	1.0	83
711	LncRNA HOTTIP promotes papillary thyroid carcinoma cell proliferation, invasion and migration by regulating miR-637. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 98, 1-9.	1.2	59
712	Functional Analysis of Wheat TaPaO1 Gene Conferring Pollen Sterility Under Low Temperature. <i>Journal of Plant Biology</i> , 2018, 61, 25-32.	0.9	12
713	Cytoplasmic functions of long noncoding RNAs. <i>Wiley Interdisciplinary Reviews RNA</i> , 2018, 9, e1471.	3.2	327
714	Analysis of the miRNA-mRNA-lncRNA network in human estrogen receptor-positive and estrogen receptor-negative breast cancer based on TCGA data. <i>Gene</i> , 2018, 658, 28-35.	1.0	67
715	Differential expression profiles of long noncoding RNA and mRNA in colorectal cancer tissues from patients with lung metastasis. <i>Molecular Medicine Reports</i> , 2018, 17, 5666-5675.	1.1	0
716	The oocyte-to-embryo transition in mouse: past, present, and future. <i>Biology of Reproduction</i> , 2018, 99, 160-174.	1.2	120
717	Capturing a Long Look at Our Genetic Library. <i>Cell Systems</i> , 2018, 6, 153-155.	2.9	2
718	Long non-coding RNA XIST sponges miR-34a to promotes colon cancer progression via Wnt/ β -catenin signaling pathway. <i>Gene</i> , 2018, 665, 141-148.	1.0	81
719	Aggregation-Induced Emission-Active Ruthenium(II) Complex of 4,7-Dichloro Phenanthroline for Selective Luminescent Detection and Ribosomal RNA Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14356-14366.	4.0	53
720	Upregulated plasmacytoma variant translocation 1 promotes cell proliferation, invasion and metastasis in colorectal cancer. <i>Molecular Medicine Reports</i> , 2018, 17, 6598-6604.	1.1	15
721	Long non-coding RNA taurine-upregulated gene 1 correlates with poor prognosis, induces cell proliferation, and represses cell apoptosis via targeting aurora kinase A in adult acute myeloid leukemia. <i>Annals of Hematology</i> , 2018, 97, 1375-1389.	0.8	40
722	p53: emerging roles in stem cells, development and beyond. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	89
723	A novel knowledge-based potential for RNA 3D structure evaluation. <i>Chinese Physics B</i> , 2018, 27, 038701.	0.7	5
724	Exploring the mechanisms behind long noncoding RNAs and cancer. <i>Non-coding RNA Research</i> , 2018, 3, 108-117.	2.4	237
725	Applied RNA Bioscience. , 2018, , .		1
726	Long Noncoding RNAs and Their Applications: Focus on Architectural RNA (arcRNA), a Class of lncRNA. , 2018, , 161-187.		2
727	Identification of novel PANDAR protein interaction partners involved in splicing regulation. <i>Scientific Reports</i> , 2018, 8, 2798.	1.6	15

#	ARTICLE	IF	CITATIONS
728	Long non-coding RNA UCA1 promotes lung cancer cell proliferation and migration via microRNA-193a/HMGB1 axis. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 738-745.	1.0	55
729	The emerging role of long non-coding RNA in spinal cord injury. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2055-2061.	1.6	44
730	An epigenomic approach to identifying differential overlapping and cis-acting lncRNAs in cisplatin-resistant cancer cells. <i>Epigenetics</i> , 2018, 13, 251-263.	1.3	16
731	Splicing regulation by long noncoding RNAs. <i>Nucleic Acids Research</i> , 2018, 46, 2169-2184.	6.5	226
732	Non-coding RNAs, epigenetics, and cancer: tying it all together. <i>Cancer and Metastasis Reviews</i> , 2018, 37, 55-73.	2.7	87
733	Discovering Putative Peptides Encoded from Noncoding RNAs in Ribosome Profiling Data of <i>Arabidopsis thaliana</i> . <i>ACS Synthetic Biology</i> , 2018, 7, 655-663.	1.9	6
734	A systematic analysis highlights multiple long non-coding RNAs associated with cardiometabolic disorders. <i>Journal of Human Genetics</i> , 2018, 63, 431-446.	1.1	17
735	Mitotically-Associated lncRNA (MANCR) Affects Genomic Stability and Cell Division in Aggressive Breast Cancer. <i>Molecular Cancer Research</i> , 2018, 16, 587-598.	1.5	62
736	Up-regulated lncRNA-MSX2P1 promotes the growth of IL-22-stimulated keratinocytes by inhibiting miR-6731-5p and activating S100A7. <i>Experimental Cell Research</i> , 2018, 363, 243-254.	1.2	50
737	High-throughput identification of RNA nuclear enrichment sequences. <i>EMBO Journal</i> , 2018, 37, .	3.5	99
738	Critical effects of long non-coding RNA on fibrosis diseases. <i>Experimental and Molecular Medicine</i> , 2018, 50, e428-e428.	3.2	33
739	RNA Characterization by Solid-State NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2018, 24, 8698-8707.	1.7	11
740	lncRNA MALAT1 is up-regulated in diabetic gastroparesis and involved in high-glucose-induced cellular processes in human gastric smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 401-406.	1.0	12
741	Long non-coding RNA CEBPA-AS1 correlates with poor prognosis and promotes tumorigenesis via CEBPA/Bcl2 in oral squamous cell carcinoma. <i>Cancer Biology and Therapy</i> , 2018, 19, 205-213.	1.5	55
743	lncRNA GAS5-AS1 inhibits myofibroblasts activities in oral submucous fibrosis. <i>Journal of the Formosan Medical Association</i> , 2018, 117, 727-733.	0.8	40
744	Epigenetics of breast cancer: Biology and clinical implication in the era of precision medicine. <i>Seminars in Cancer Biology</i> , 2018, 51, 22-35.	4.3	115
745	Statistical analysis of non-coding RNA data. <i>Cancer Letters</i> , 2018, 417, 161-167.	3.2	18
746	Non-coding RNAs: key regulators of smooth muscle cell fate in vascular disease. <i>Cardiovascular Research</i> , 2018, 114, 611-621.	1.8	70

#	ARTICLE	IF	CITATIONS
747	A FTH1 gene:pseudogene:miRNA network regulates tumorigenesis in prostate cancer. <i>Nucleic Acids Research</i> , 2018, 46, 1998-2011.	6.5	73
748	LncRNA-MEG3 inhibits proliferation and metastasis by regulating miRNA-21 in gastric cancer. <i>Biomedicine and Pharmacotherapy</i> , 2018, 99, 931-938.	2.5	68
749	Celiac Disease-associated lncRNA Named <i>HCG14</i> Regulates <i>NOD1</i> Expression in Intestinal Cells. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, 225-231.	0.9	13
750	Long Noncoding RNA Meg3 Regulates Mafa Expression in Mouse Beta Cells by Inactivating Rad21, Smc3 or Sin3. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 2031-2043.	1.1	50
752	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
753	A Positive Feed-Forward Loop between LncRNA-CYTOR and Wnt/ β -Catenin Signaling Promotes Metastasis of Colon Cancer. <i>Molecular Therapy</i> , 2018, 26, 1287-1298.	3.7	144
754	Down-regulation of lncRNA, GAS5 decreases chemotherapeutic effect of dendrosomal curcumin (DNC) in breast cancer cells. <i>Phytomedicine</i> , 2018, 42, 56-65.	2.3	36
755	The Long (lncRNA) and Short (miRNA) of It: TGF β -Mediated Control of RNA-Binding Proteins and Noncoding RNAs. <i>Molecular Cancer Research</i> , 2018, 16, 567-579.	1.5	61
756	Transcriptome Analysis Identifies Multifaceted Regulatory Mechanisms Dictating a Genetic Switch from Neuronal Network Establishment to Maintenance During Postnatal Prefrontal Cortex Development. <i>Cerebral Cortex</i> , 2018, 28, 833-851.	1.6	15
757	Long noncoding RNA lncKdm2b: A critical player in the maintenance of group 3 innate lymphoid cells. <i>Cellular and Molecular Immunology</i> , 2018, 15, 5-7.	4.8	6
758	Circular RNAs are abundant and dynamically expressed during embryonic muscle development in chickens. <i>DNA Research</i> , 2018, 25, 71-86.	1.5	87
759	Metastasis suppressors: functional pathways. <i>Laboratory Investigation</i> , 2018, 98, 198-210.	1.7	58
760	A novel SNP in promoter region of RP11-3N2.1 is associated with reduced risk of colorectal cancer. <i>Journal of Human Genetics</i> , 2018, 63, 47-54.	1.1	7
762	Analysis of lncRNA-Protein Interactions by RNA-Protein Pull-Down Assays and RNA Immunoprecipitation (RIP). <i>Methods in Molecular Biology</i> , 2018, 1686, 241-250.	0.4	49
763	The linear neighborhood propagation method for predicting long non-coding RNA-protein interactions. <i>Neurocomputing</i> , 2018, 273, 526-534.	3.5	171
764	Progress and prospects of circular RNAs in Hepatocellular carcinoma: Novel insights into their function. <i>Journal of Cellular Physiology</i> , 2018, 233, 4408-4422.	2.0	48
765	Long non-coding RNA expression in bladder cancer. <i>Biophysical Reviews</i> , 2018, 10, 1205-1213.	1.5	74
766	Knockdown of long non-coding RNA XIST suppresses nasopharyngeal carcinoma progression by activating miR-491-5p. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3936-3944.	1.2	31

#	ARTICLE	IF	CITATIONS
767	Profiling neuron-autonomous lncRNA changes upon ischemia/reperfusion injury. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 104-109.	1.0	13
768	Comparative analysis of ovarian transcriptomes between prolific and non-prolific goat breeds via high-throughput sequencing. <i>Reproduction in Domestic Animals</i> , 2018, 53, 344-351.	0.6	9
769	The non-coding control of cancer cell proliferation: the role of lncRNA AB074169 in papillary thyroid carcinoma. <i>Non-coding RNA Investigation</i> , 0, 2, 59-59.	0.6	0
771	Coding and Non-coding: Molecular Portrait of GIST and its Clinical Implication.. <i>Current Molecular Medicine</i> , 2018, 18, 252-259.	0.6	7
772	Identification of differentially expressed non-coding RNAs and mRNAs involved in Qi stagnation and blood stasis syndrome. <i>Experimental and Therapeutic Medicine</i> , 2018, 17, 1206-1223.	0.8	5
773	The SOX2OT/miR-194-5p axis regulates cell proliferation and mobility of gastric cancer through suppressing epithelial-mesenchymal transition. <i>Oncology Letters</i> , 2018, 16, 6361-6368.	0.8	15
774	Epigenetic and Pluripotency Aspects of Disseminated Cancer Cells During Minimal Residual Disease. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1100, 1-18.	0.8	3
775	RNA motifs and combinatorial prediction of interactions, stability and localization of noncoding RNAs. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 1070-1076.	3.6	25
776	Sendai Virus Infection Induces Expression of Novel RNAs in Human Cells. <i>Scientific Reports</i> , 2018, 8, 16815.	1.6	5
777	Arena-Idb: a platform to build human non-coding RNA interaction networks. <i>BMC Bioinformatics</i> , 2018, 19, 350.	1.2	17
778	Long Noncoding RNAs and Their Role in Oncogenesis. <i>Molecular Biology</i> , 2018, 52, 787-798.	0.4	9
779	lncRNA TUG1 promotes cells proliferation and inhibits cells apoptosis through regulating AURKA in epithelial ovarian cancer cells. <i>Medicine (United States)</i> , 2018, 97, e12131.	0.4	58
780	Systemic functional enrichment and ceRNA network identification following peripheral nerve injury. <i>Molecular Brain</i> , 2018, 11, 73.	1.3	15
781	Pivotal prognostic and diagnostic role of the long non-coding RNA colon cancer-associated transcript 1 expression in human cancer (Review). <i>Molecular Medicine Reports</i> , 2019, 19, 771-782.	1.1	21
782	A risk assessment model for the prognosis of osteosarcoma utilizing differentially expressed lncRNAs. <i>Molecular Medicine Reports</i> , 2018, 19, 1128-1138.	1.1	5
783	A novel lncRNA, TCONS_00006195, represses hepatocellular carcinoma progression by inhibiting enzymatic activity of ENO1. <i>Cell Death and Disease</i> , 2018, 9, 1184.	2.7	43
784	Knockdown of HOXA transcript at the distal tip suppresses the growth and invasion and induces apoptosis of oral tongue squamous carcinoma cells. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 8033-8044.	1.0	15
785	AFAP1-AS1 Promotes Epithelial-Mesenchymal Transition and Tumorigenesis Through Wnt/ β -Catenin Signaling Pathway in Triple-Negative Breast Cancer. <i>Frontiers in Pharmacology</i> , 2018, 9, 1248.	1.6	54

#	ARTICLE	IF	CITATIONS
786	Profile and validation of dysregulated long non-coding RNAs and mRNAs in ovarian cancer. <i>Oncology Reports</i> , 2018, 40, 2964-2976.	1.2	8
787	Long Non-Coding RNA CYP4B1-PS1-001 Inhibits Proliferation and Fibrosis in Diabetic Nephropathy by Interacting with Nucleolin. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 2174-2187.	1.1	34
788	LncRNA SNHG5 promotes the progression of osteosarcoma by sponging the miR-212-3p/SGK3 axis. <i>Cancer Cell International</i> , 2018, 18, 141.	1.8	55
789	Live-Cell Imaging and Functional Dissection of Xist RNA Reveal Mechanisms of X Chromosome Inactivation and Reactivation. <i>IScience</i> , 2018, 8, 1-14.	1.9	22
790	New Insights Into the Long Non-coding RNA SRA: Physiological Functions and Mechanisms of Action. <i>Frontiers in Medicine</i> , 2018, 5, 244.	1.2	42
791	MEG8 long noncoding RNA contributes to epigenetic progression of the epithelial-mesenchymal transition of lung and pancreatic cancer cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 18016-18030.	1.6	82
792	Regulatory effects of lncRNAs and miRNAs on autophagy in malignant tumorigenesis. <i>Bioscience Reports</i> , 2018, 38, .	1.1	23
793	Variation in the Untranslated Genome and Susceptibility to Infections. <i>Frontiers in Immunology</i> , 2018, 9, 2046.	2.2	17
794	Knockdown of LncRNA MALAT1 contributes to cell apoptosis via regulating NF- κ B/CD80 axis in neonatal respiratory distress syndrome. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 104, 138-148.	1.2	17
795	Long non-coding RNA, Bmcb, regulates osteoblastic differentiation of bone marrow mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 536-542.	1.0	22
796	Long Non-coding RNA PVT1 Promotes Cell Proliferation and Migration by Silencing ANGPTL4 Expression in Cholangiocarcinoma. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 503-513.	2.3	61
797	Long Non-coding RNAs: A New Regulatory Code for Osteoporosis. <i>Frontiers in Endocrinology</i> , 2018, 9, 587.	1.5	46
798	Noncoding RNAs in the Regulatory Network of Hypertension. <i>Hypertension</i> , 2018, 72, 1047-1059.	1.3	25
799	Genome-wide identification of oil biosynthesis-related long non-coding RNAs in allopolyploid <i>Brassica napus</i> . <i>BMC Genomics</i> , 2018, 19, 745.	1.2	38
800	PVT1 affects EMT and cell proliferation and migration via regulating p21 in triple-negative breast cancer cells cultured with mature adipogenic medium. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 1211-1218.	0.9	27
801	LncRNA NEAT1 promotes colorectal cancer cell proliferation and migration via regulating glial cell-derived neurotrophic factor by sponging miR-196a-5p. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 1190-1199.	0.9	28
802	The emerging role of lncRNAs in the regulation of cancer stem cells. <i>Cellular Oncology (Dordrecht)</i> , 2018, 41, 585-603.	2.1	155
803	CRISPRa-mediated NEAT1 lncRNA upregulation induces formation of intact paraspeckles. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 218-224.	1.0	19

#	ARTICLE	IF	CITATIONS
804	Encoding activities of non-coding RNAs. <i>Theranostics</i> , 2018, 8, 2496-2507.	4.6	42
805	EGR1-Mediated Transcription of lncRNA-HNF1A-AS1 Promotes Cell-Cycle Progression in Gastric Cancer. <i>Cancer Research</i> , 2018, 78, 5877-5890.	0.4	149
806	The lncRNA NEAT1 activates Wnt/ β 2-catenin signaling and promotes colorectal cancer progression via interacting with DDX5. <i>Journal of Hematology and Oncology</i> , 2018, 11, 113.	6.9	247
807	Non-coding RNAs in Complex Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2018, , .	0.8	6
808	Systematic Identification of Non-coding RNAs. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1094, 9-18.	0.8	13
809	LINC01510 suppresses cell proliferation and invasion by inhibiting Wnt/ β 2-catenin signaling in renal cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 7-12.	1.0	13
810	Deciphering the Far-Reaching Functions of Non-coding RNA in Colorectal Cancer. <i>Current Colorectal Cancer Reports</i> , 2018, 14, 115-127.	1.0	0
811	Non-coding RNA Resources. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1094, 1-7.	0.8	15
812	Profiling DNA Methylation Patterns of Non-coding RNAs (ncRNAs) in Human Disease. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1094, 49-64.	0.8	4
813	Long Non-coding RNA Structure and Function: Is There a Link?. <i>Frontiers in Physiology</i> , 2018, 9, 1201.	1.3	176
814	Long non-coding RNA and extracellular matrix: the hidden players in cancer-stroma cross-talk. <i>Non-coding RNA Research</i> , 2018, 3, 174-177.	2.4	30
815	Deficiency in the nuclear long noncoding <sc>RNA</sc> <i>Charme</i> causes myogenic defects and heart remodeling in mice. <i>EMBO Journal</i> , 2018, 37, .	3.5	65
816	lncRNA PVT1 identified as an independent biomarker for prognosis surveillance of solid tumors based on transcriptome data and meta-analysis. <i>Cancer Management and Research</i> , 2018, Volume 10, 2711-2727.	0.9	15
817	RISE: a database of RNA interactome from sequencing experiments. <i>Nucleic Acids Research</i> , 2018, 46, D194-D201.	6.5	75
818	Identification of a novel long noncoding RNA that promotes osteoblast differentiation. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7657-7666.	1.2	13
819	LncADeep: an <i>ab initio</i> lncRNA identification and functional annotation tool based on deep learning. <i>Bioinformatics</i> , 2018, 34, 3825-3834.	1.8	110
821	MEG3/miRâ€21 axis affects cell mobility by suppressing epithelialâ€mesenchymal transition in gastric cancer. <i>Oncology Reports</i> , 2018, 40, 39-48.	1.2	38
822	Long noncoding RNA SOX2OT contributes to gastric cancer progression by sponging miR-194-5p from AKT2. <i>Experimental Cell Research</i> , 2018, 369, 187-196.	1.2	56

#	ARTICLE	IF	CITATIONS
823	Towards a complete map of the human long non-coding RNA transcriptome. <i>Nature Reviews Genetics</i> , 2018, 19, 535-548.	7.7	451
824	lncRNAs as potential molecular biomarkers for the clinicopathology and prognosis of glioma: A systematic review and meta-analysis. <i>Gene</i> , 2018, 668, 77-86.	1.0	36
825	Cross Talk Between Noncoding RNAs and DNA Methylation and Demethylation in Cancer. , 2018, , 311-328.		0
826	Molecular functions and specific roles of circRNAs in the cardiovascular system. <i>Non-coding RNA Research</i> , 2018, 3, 75-98.	2.4	49
827	CircNT5E Acts as a Sponge of miR-422a to Promote Glioblastoma Tumorigenesis. <i>Cancer Research</i> , 2018, 78, 4812-4825.	0.4	236
828	Chromatin-associated RNA sequencing (ChAR-seq) maps genome-wide RNA-to-DNA contacts. <i>ELife</i> , 2018, 7, .	2.8	121
829	Islet Long Noncoding RNAs: A Playbook for Discovery and Characterization. <i>Diabetes</i> , 2018, 67, 1461-1470.	0.3	26
830	Epigenetics of Circadian Rhythms in Imprinted Neurodevelopmental Disorders. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 157, 67-92.	0.9	10
831	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
832	The lncRNA myocardial infarction associated transcript-centric competing endogenous RNA network in non-small-cell lung cancer. <i>Cancer Management and Research</i> , 2018, Volume 10, 1155-1162.	0.9	17
833	The lncRNA MALAT1 regulates CD80 transcription via the NF- κ B signaling pathway in the A549 cell line. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1674-1681.	1.0	6
834	Genome-wide profiling of lncRNA expression patterns in patients with acute promyelocytic leukemia with differentiation therapy. <i>Oncology Reports</i> , 2018, 40, 1601-1613.	1.2	5
835	Transcriptional Profile and Integrative Analyses of Long Noncoding RNAs in Primary Human Corneal Epithelial Cells in Response to HSV-1 Infection. <i>Current Eye Research</i> , 2018, 43, 1422-1431.	0.7	6
836	RNA interference of long noncoding RNA HOTAIR suppresses autophagy and promotes apoptosis and sensitivity to cisplatin in oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2018, 47, 930-937.	1.4	53
837	The silencing of lncRNA-H19 decreases chemoresistance of human glioma cells to temozolomide by suppressing epithelial-mesenchymal transition via the Wnt/ β -Catenin pathway. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 313-321.	1.0	67
838	A cationic organoiridium(III) complex-based AIEgen for selective light-up detection of rRNA and nucleolar staining. <i>Dalton Transactions</i> , 2018, 47, 11477-11490.	1.6	28
839	Mechanistic Insights Into the Interaction Between Transcription Factors and Epigenetic Modifications and the Contribution to the Development of Obesity. <i>Frontiers in Endocrinology</i> , 2018, 9, 370.	1.5	52
840	The Role of Long Non-coding RNAs in the Pathogenesis of RA, SLE, and SS. <i>Frontiers in Medicine</i> , 2018, 5, 193.	1.2	35

#	ARTICLE	IF	CITATIONS
841	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
842	The Ever-Evolving Concept of the Gene: The Use of RNA/Protein Experimental Techniques to Understand Genome Functions. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 20.	1.6	28
843	Long Noncoding RNA NEAT1 Promotes Growth and Metastasis of Cholangiocarcinoma Cells. <i>Oncology Research</i> , 2018, 26, 879-888.	0.6	27
844	Microarray analysis of long non-coding RNA expression profiles in monocytic myeloid-derived suppressor cells in <i>Echinococcus granulosus</i> -infected mice. <i>Parasites and Vectors</i> , 2018, 11, 327.	1.0	32
845	LncRNA NEAT1 enhances the radio-resistance of cervical cancer via miR-193b-3p/CCND1 axis. <i>Oncotarget</i> , 2018, 9, 2395-2409.	0.8	82
846	Noncoding RNA:RNA Regulatory Networks in Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1310.	1.8	830
847	LincU Preserves Na ⁺ ve Pluripotency by Restricting ERK Activity in Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2018, 11, 395-409.	2.3	18
848	A Novel Probability Model for LncRNAâ€“Disease Association Prediction Based on the Na ⁺ ve Bayesian Classifier. <i>Genes</i> , 2018, 9, 345.	1.0	61
849	Reproductive phasi<sc>RNA</sc>s in grasses are compositionally distinct from other classes of small <sc>RNA</sc>s. <i>New Phytologist</i> , 2018, 220, 851-864.	3.5	27
850	Analysis of the Coding and Non-Coding RNA Transcriptomes in Response to Bell Pepper Chilling. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2001.	1.8	42
851	Long Noncoding RNA (lncRNA) HOTAIR Affects Tumorigenesis and Metastasis of Non-Small Cell Lung Cancer by Upregulating miR-613. <i>Oncology Research</i> , 2018, 26, 725-734.	0.6	61
852	LINC01638 lncRNA activates MTDH-Twist1 signaling by preventing SPOP-mediated c-Myc degradation in triple-negative breast cancer. <i>Oncogene</i> , 2018, 37, 6166-6179.	2.6	101
853	Characterization of long non-coding RNAs and MEF2C-AS1 identified as a novel biomarker in diffuse gastric cancer. <i>Translational Oncology</i> , 2018, 11, 1080-1089.	1.7	27
854	Transcriptomic analysis of high-throughput sequencing about circRNA, lncRNA and mRNA in bladder cancer. <i>Gene</i> , 2018, 677, 189-197.	1.0	56
855	Long noncoding RNA SNHG6 regulates p21 expression via activation of the JNK pathway and regulation of EZH2 in gastric cancer cells. <i>Life Sciences</i> , 2018, 208, 295-304.	2.0	47
856	Downregulation of <i>BANCR</i> Promotes Aggressiveness in Papillary Thyroid Cancer via the MAPK and PI3K Pathways. <i>Journal of Cancer</i> , 2018, 9, 1318-1328.	1.2	30
857	LncRNA-p23154 promotes the invasion-metastasis potential of oral squamous cell carcinoma by regulating Glut1-mediated glycolysis. <i>Cancer Letters</i> , 2018, 434, 172-183.	3.2	90
858	Deciphering the roles of lncRNAs in breast development and disease. <i>Oncotarget</i> , 2018, 9, 20179-20212.	0.8	42

#	ARTICLE	IF	CITATIONS
859	High-Sensitivity and High-Resolution In Situ Hybridization of Coding and Long Non-coding RNAs in Vertebrate Ovaries and Testes. <i>Biological Procedures Online</i> , 2018, 20, 6.	1.4	18
860	A novel long non-coding RNA linc-ZNF469-3 promotes lung metastasis through miR-574-5p-ZEB1 axis in triple negative breast cancer. <i>Oncogene</i> , 2018, 37, 4662-4678.	2.6	61
861	Long non-coding RNA taurine-upregulated gene 1 predicts unfavorable prognosis, promotes cells proliferation, and inhibits cells apoptosis in epithelial ovarian cancer. <i>Medicine (United States)</i> , 2018, 97, e0575.	0.4	19
862	Identification of <i>Gossypium hirsutum</i> long non-coding RNAs (lncRNAs) under salt stress. <i>BMC Plant Biology</i> , 2018, 18, 23.	1.6	142
863	Ubiquitin-related genes are differentially expressed in isogenic lines contrasting for pericarp cell size and grain weight in hexaploid wheat. <i>BMC Plant Biology</i> , 2018, 18, 22.	1.6	29
864	Prognostic and clinicopathological significance of long noncoding RNA HOXA11-AS expression in human solid tumors: a meta-analysis. <i>Cancer Cell International</i> , 2018, 18, 1.	1.8	82
865	Long non-coding RNA implicated in the invasion and metastasis of head and neck cancer: possible function and mechanisms. <i>Molecular Cancer</i> , 2018, 17, 14.	7.9	71
866	Circular RNAs: biogenesis, expression and their potential roles in reproduction. <i>Journal of Ovarian Research</i> , 2018, 11, 9.	1.3	85
867	Long non-coding RNA PlncRNA α 1 promotes cell proliferation and hepatic metastasis in colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7091-7104.	1.2	17
868	Long noncoding RNA CYTOR in cancer: A TCGA data review. <i>Clinica Chimica Acta</i> , 2018, 483, 227-233.	0.5	43
869	Long Noncoding RNA AB074169 Inhibits Cell Proliferation via Modulation of KHSRP-Mediated CDKN1a Expression in Papillary Thyroid Carcinoma. <i>Cancer Research</i> , 2018, 78, 4163-4174.	0.4	77
870	The HNF1 β -regulated lncRNA HNF1A-AS1 reverses the malignancy of hepatocellular carcinoma by enhancing the phosphatase activity of SHP-1. <i>Molecular Cancer</i> , 2018, 17, 63.	7.9	59
871	Long non-coding RNA in brain tumours: Focus on recent epigenetic findings in glioma. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4597-4610.	1.6	31
872	Identification and Validation of Two Novel Prognostic lncRNAs in Kidney Renal Clear Cell Carcinoma. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2549-2562.	1.1	24
873	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
874	Long noncoding RNA: multiple players in gene expression. <i>BMB Reports</i> , 2018, 51, 280-289.	1.1	68
875	LINC01133 as ceRNA inhibits gastric cancer progression by sponging miR-106a-3p to regulate APC expression and the Wnt/ β -catenin pathway. <i>Molecular Cancer</i> , 2018, 17, 126.	7.9	307
876	Transcriptome sequencing to detect the potential role of long non-coding RNAs in bovine mammary gland during the dry and lactation period. <i>BMC Genomics</i> , 2018, 19, 605.	1.2	54

#	ARTICLE	IF	CITATIONS
878	Construction and analysis of mRNA, miRNA, lncRNA, and TF regulatory networks reveal the key genes associated with prostate cancer. <i>PLoS ONE</i> , 2018, 13, e0198055.	1.1	58
879	Long noncoding RNA MALAT1 acts as a competing endogenous RNA to regulate Amadori-glycated albumin-induced MCP-1 expression in retinal microglia by a microRNA-124-dependent mechanism. <i>Inflammation Research</i> , 2018, 67, 913-925.	1.6	20
880	Long noncoding RNA <i>kcna3</i> inhibits the progression of colorectal carcinoma through down-regulating YAP1 expression. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 382-389.	2.5	23
881	MicroRNAs, long noncoding RNAs, and circular RNAs: potential tumor biomarkers and targets for colorectal cancer. <i>Cancer Management and Research</i> , 2018, Volume 10, 2249-2257.	0.9	76
882	Nanotopographical cues of electrospun PLLA efficiently modulate non-coding RNA network to osteogenic differentiation of mesenchymal stem cells during BMP signaling pathway. <i>Materials Science and Engineering C</i> , 2018, 93, 686-703.	3.8	42
883	Long Non-coding RNA Profiling Reveals an Abundant MDNCR that Promotes Differentiation of Myoblasts by Sponging miR-133a. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 610-625.	2.3	38
884	Long non-coding RNA NEAT1 promotes proliferation, migration and invasion of human osteosarcoma cells. <i>International Journal of Medical Sciences</i> , 2018, 15, 1227-1234.	1.1	24
885	Up-regulation of long noncoding RNA uc.338 predicts poor survival in non-small cell lung cancer. <i>Cancer Biomarkers</i> , 2018, 22, 781-785.	0.8	8
886	Long Non-Coding RNA Emergence During Renal Cell Carcinoma Tumorigenesis. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 735-746.	1.1	36
887	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
888	Long non-coding RNA HOTTIP promotes prostate cancer cells proliferation and migration by sponging miR-216a-5p. <i>Bioscience Reports</i> , 2018, 38, .	1.1	41
889	Long Noncoding RNAs in the Immune Response. , 2018, , 107-131.		0
890	Genetic Variations of Long Noncoding RNAs in Cancer. , 2018, , 289-308.		0
891	BASiNET—Biological Sequences NETwork: a case study on coding and non-coding RNAs identification. <i>Nucleic Acids Research</i> , 2018, 46, e96-e96.	6.5	38
892	LncRNA LCPAT1 Mediates Smoking/ Particulate Matter 2.5-Induced Cell Autophagy and Epithelial-Mesenchymal Transition in Lung Cancer Cells via RCC2. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 1244-1258.	1.1	55
893	Epigenetics and Epigenomic Studies in Asthma. <i>Translational Bioinformatics</i> , 2018, , 69-101.	0.0	0
894	The Physical and Biochemical Properties of the Extracellular Matrix Regulate Cell Fate. <i>Current Topics in Developmental Biology</i> , 2018, 130, 1-37.	1.0	179
895	Knockdown of SUMO1P3 represses tumor growth and invasion and enhances radiosensitivity in hepatocellular carcinoma. <i>Molecular and Cellular Biochemistry</i> , 2019, 450, 125-134.	1.4	22

#	ARTICLE	IF	CITATIONS
896	miR-185 affected the EMT, cell viability, and proliferation via DNMT1/MEG3 pathway in TGF- β 1-induced renal fibrosis. <i>Cell Biology International</i> , 2019, 43, 1152-1162.	1.4	36
897	Corticotropin-releasing factor suppresses glioma progression by upregulation of long non-coding RNA-p21. <i>Life Sciences</i> , 2019, 216, 92-100.	2.0	4
898	Emerging roles of noncoding RNAs in T cell differentiation and functions in autoimmune diseases. <i>International Reviews of Immunology</i> , 2019, 38, 232-245.	1.5	16
899	Whole transcriptome analysis reveals correlation of long noncoding RNA ZEB1-AS1 with invasive profile in melanoma. <i>Scientific Reports</i> , 2019, 9, 11350.	1.6	21
900	An antisense transcript mediates MALAT1 response in human breast cancer. <i>BMC Cancer</i> , 2019, 19, 771.	1.1	31
901	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
902	The nuclear hypoxia-regulated NLUCAT1 long non-coding RNA contributes to an aggressive phenotype in lung adenocarcinoma through regulation of oxidative stress. <i>Oncogene</i> , 2019, 38, 7146-7165.	2.6	75
903	Identification of long noncoding RNA RP11-169F17.1 and RP11-669N7.2 as novel prognostic biomarkers of stomach adenocarcinoma based on integrated bioinformatics analysis. <i>Epigenomics</i> , 2019, 11, 1307-1321.	1.0	12
904	Comparison of LncRNA Expression Profiles during Myogenic Differentiation and Adipogenic Transdifferentiation of Myoblasts. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3725.	1.8	6
905	(5R)-5-Hydroxytryptolide (LLDT-8) induces substantial epigenetic mediated immune response network changes in fibroblast-like synoviocytes from rheumatoid arthritis patients. <i>Scientific Reports</i> , 2019, 9, 11155.	1.6	16
906	CRISPR Tools for Systematic Studies of RNA Regulation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a035386.	2.3	22
907	Long Noncoding RNA HOXA-AS3 Integrates NF- κ B Signaling To Regulate Endothelium Inflammation. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	23
908	LincRNA-p21 leads to G1 arrest by p53 pathway in esophageal squamous cell carcinoma. <i>Cancer Management and Research</i> , 2019, Volume 11, 6201-6214.	0.9	30
909	The importance of long non-coding RNAs in neuropsychiatric disorders. <i>Molecular Aspects of Medicine</i> , 2019, 70, 127-140.	2.7	53
910	A novel collaborative filtering model for LncRNA-disease association prediction based on the Naïve Bayesian classifier. <i>BMC Bioinformatics</i> , 2019, 20, 396.	1.2	49
911	Super-Enhancer-Associated LncRNA UCA1 Interacts Directly with AMOT to Activate YAP Target Genes in Epithelial Ovarian Cancer. <i>IScience</i> , 2019, 17, 242-255.	1.9	60
912	Long Noncoding RNAs in Pathological Cardiac Remodeling: A Review of the Update Literature. <i>BioMed Research International</i> , 2019, 2019, 1-11.	0.9	70
913	lncDIFF: a novel quasi-likelihood method for differential expression analysis of non-coding RNA. <i>BMC Genomics</i> , 2019, 20, 539.	1.2	15

#	ARTICLE	IF	CITATIONS
914	Knockdown of lncRNA HOTAIR downregulates the drug resistance of breast cancer cells to doxorubicin via the PI3K/AKT/mTOR signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 435-442.	0.8	52
915	Long Non-coding RNAs as Important Biomarkers in Laryngeal Cancer and Other Head and Neck Tumours. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3444.	1.8	66
916	LncRNA-TWIST1 Promoted Osteogenic Differentiation Both in PPDLSCs and in HPDLSCs by Inhibiting TWIST1 Expression. <i>BioMed Research International</i> , 2019, 2019, 1-12.	0.9	27
917	Fluorescent supramolecular polymers with aggregation induced emission properties. <i>Polymer Chemistry</i> , 2019, 10, 796-818.	1.9	82
918	Myosin Heavy Chain-Associated RNA Transcripts Promotes Gastric Cancer Progression Through the miR-4529-5p/ROCK2 Axis. <i>Digestive Diseases and Sciences</i> , 2019, 64, 3539-3548.	1.1	4
919	LncRNA-MALAT1 mediates cisplatin resistance via miR-101-3p/VEGF-C pathway in bladder cancer. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 1148-1157.	0.9	45
920	Dysregulated long noncoding RNAs (PVT1 and EGOT) in clear cell renal cell carcinoma. <i>Meta Gene</i> , 2019, 22, 100608.	0.3	0
921	SNHG8 is upregulated in esophageal squamous cell carcinoma and directly sponges microRNA-411 to increase oncogenicity by upregulating KPNA2. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 6991-7004.	1.0	24
922	LncRNA SOX2OT Mediates Mitochondrial Dysfunction in Septic Cardiomyopathy. <i>DNA and Cell Biology</i> , 2019, 38, 1197-1206.	0.9	21
923	Non-coding RNAs as Regulators of Lymphangiogenesis in Lymphatic Development, Inflammation, and Cancer Metastasis. <i>Frontiers in Oncology</i> , 2019, 9, 916.	1.3	16
924	LncRNAs as Regulators of Autophagy and Drug Resistance in Colorectal Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1008.	1.3	89
925	MIR155HG is a prognostic biomarker and associated with immune infiltration and immune checkpoint molecules expression in multiple cancers. <i>Cancer Medicine</i> , 2019, 8, 7161-7173.	1.3	97
926	CircMYO10 promotes osteosarcoma progression by regulating miR-370-3p/RUVBL1 axis to enhance the transcriptional activity of β -catenin/LEF1 complex via effects on chromatin remodeling. <i>Molecular Cancer</i> , 2019, 18, 150.	7.9	95
927	Activation of RAW264.7 macrophages by active fraction of Albizia julibrissin saponin via Ca ²⁺ /ERK1/2-CREB-lncRNA pathways. <i>International Immunopharmacology</i> , 2019, 77, 105955.	1.7	9
928	Microarray Analysis For Expression Profiles of lncRNAs and circRNAs in Rat Liver after Brain-Dead Donor Liver Transplantation. <i>BioMed Research International</i> , 2019, 2019, 1-15.	0.9	15
929	Myocardial hypertrophy is improved with berberine treatment via long non-coding RNA MIAT-mediated autophagy. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1822-1831.	1.2	23
930	The Long Noncoding RNA LINC00908 Facilitates Hepatocellular Carcinoma Progression Via Interaction With Sox-4. <i>Cancer Management and Research</i> , 2019, Volume 11, 8789-8797.	0.9	13
931	Construction and Analysis of circRNA-miRNA-mRNA Molecular Regulatory Networks During Herba Gelsemium elegans Intoxication. <i>Frontiers in Pharmacology</i> , 2019, 10, 1217.	1.6	5

#	ARTICLE	IF	CITATIONS
932	Catalytic RNA, ribozyme, and its applications in synthetic biology. <i>Biotechnology Advances</i> , 2019, 37, 107452.	6.0	36
933	Reimbursement, Utilization, and 1-Year Survival Post-Allogeneic Transplantation for Medicare Beneficiaries With Acute Myeloid Leukemia. <i>JNCI Cancer Spectrum</i> , 2019, 3, pkz048.	1.4	6
934	<p>Long noncoding RNA SNHG16 silencing inhibits the aggressiveness of gastric cancer via upregulation of microRNA-628-3p and consequent decrease of NRP1</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 7263-7277.	0.9	20
935	Convergence in LINE-1 nucleotide variations can benefit redundantly forming triplexes with lncRNA in mammalian X-chromosome inactivation. <i>Mobile DNA</i> , 2019, 10, 33.	1.3	7
936	Roles of MYC-targeting long non-coding RNA MINCR in cell cycle regulation and apoptosis in non-small cell lung Cancer. <i>Respiratory Research</i> , 2019, 20, 202.	1.4	34
937	Long Non-Coding RNA in the Pathogenesis of Cancers. <i>Cells</i> , 2019, 8, 1015.	1.8	562
938	Long Noncoding Transcriptome in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 678-688.	1.4	38
939	CNN-DLP: A Method Based on Convolutional Autoencoder and Convolutional Neural Network with Adjacent Edge Attention for Predicting lncRNAâ€™Disease Associations. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4260.	1.8	31
940	Decrypting noncoding RNA interactions, structures, and functional networks. <i>Genome Research</i> , 2019, 29, 1377-1388.	2.4	93
941	Function and mechanism of long non-coding RNA Gm21284 in the development of hippocampal cholinergic neurons. <i>Cell and Bioscience</i> , 2019, 9, 72.	2.1	9
942	Identification of antisense transcripts of the microsomal triglyceride transfer protein genes in humans and mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 317-323.	1.0	1
943	PredLnc-GFStack: A Global Sequence Feature Based on a Stacked Ensemble Learning Method for Predicting lncRNAs from Transcripts. <i>Genes</i> , 2019, 10, 672.	1.0	21
944	Long-Chain Noncoding RNAPVT1 Gene Polymorphisms Are Associated with the Risk and Prognosis of Colorectal Cancer in the Han Chinese Population. <i>Genetic Testing and Molecular Biomarkers</i> , 2019, 23, 728-736.	0.3	5
945	Recent Advances in Machine Learning Based Prediction of RNA-protein Interactions. <i>Protein and Peptide Letters</i> , 2019, 26, 601-619.	0.4	7
946	LDAPred: A Method Based on Information Flow Propagation and a Convolutional Neural Network for the Prediction of Disease-Associated lncRNAs. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4458.	1.8	23
947	Transcription analysis of the response of the porcine adrenal cortex to a single subclinical dose of lipopolysaccharide from <i>Salmonella Enteritidis</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 141, 1228-1245.	3.6	5
948	The Long Noncoding RNA <i>HEAL</i> Regulates HIV-1 Replication through Epigenetic Regulation of the HIV-1 Promoter. <i>MBio</i> , 2019, 10, .	1.8	49
949	<p>Long noncoding RNA ZFAS1 promotes progression of papillary thyroid carcinoma by sponging miR-590-3p and upregulating HMGA2 expression</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 7501-7512.	1.0	27

#	ARTICLE	IF	CITATIONS
950	lncRNA OSTN-AS1 May Represent a Novel Immune-Related Prognostic Marker for Triple-Negative Breast Cancer Based on Integrated Analysis of a ceRNA Network. <i>Frontiers in Genetics</i> , 2019, 10, 850.	1.1	42
951	The Growth-Arrest-Specific (GAS)-5 Long Non-Coding RNA: A Fascinating lncRNA Widely Expressed in Cancers. <i>Non-coding RNA</i> , 2019, 5, 46.	1.3	54
952	Insights into Biological Role of LncRNAs in Epithelial-Mesenchymal Transition. <i>Cells</i> , 2019, 8, 1178.	1.8	151
953	The RNA-binding protein ILF3 binds to transposable element sequences in SINEUP lncRNAs. <i>FASEB Journal</i> , 2019, 33, 13572-13589.	0.2	20
954	LPI-BLS: Predicting lncRNA-protein interactions with a broad learning system-based stacked ensemble classifier. <i>Neurocomputing</i> , 2019, 370, 88-93.	3.5	48
955	Multivariate Information Fusion With Fast Kernel Learning to Kernel Ridge Regression in Predicting lncRNA-Protein Interactions. <i>Frontiers in Genetics</i> , 2018, 9, 716.	1.1	28
956	Insight into novel RNA-binding activities via large-scale analysis of lncRNA-bound proteome and IDH1-bound transcriptome. <i>Nucleic Acids Research</i> , 2019, 47, 2244-2262.	6.5	29
957	Detection of RNA-DNA binding sites in long noncoding RNAs. <i>Nucleic Acids Research</i> , 2019, 47, e32-e32.	6.5	128
958	<i>lncIRS1</i> controls muscle atrophy via sponging miR-15 family to activate IGF1-PI3K/AKT pathway. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 391-410.	2.9	137
959	Mechanisms of Antisense Transcription Initiation with Implications in Gene Expression, Genomic Integrity and Disease Pathogenesis. <i>Non-coding RNA</i> , 2019, 5, 11.	1.3	22
960	Epigenetic Regulation of Toxicity of Environmental Toxicants or Stresses. , 2019, , 351-390.		0
961	LPI-KTASLP: Prediction of lncRNA-Protein Interaction by Semi-Supervised Link Learning With Multivariate Information. <i>IEEE Access</i> , 2019, 7, 13486-13496.	2.6	46
962	Long non-coding RNA DILC promotes the progression of gallbladder carcinoma. <i>Gene</i> , 2019, 694, 102-110.	1.0	16
963	Long non-coding RNA FLJ22763 is involved in the progression and prognosis of gastric cancer. <i>Gene</i> , 2019, 693, 84-91.	1.0	17
964	Spatiotemporal chromatin dynamics - A telltale of circadian epigenetic gene regulation. <i>Life Sciences</i> , 2019, 221, 377-391.	2.0	5
965	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
966	HiChIRP reveals RNA-associated chromosome conformation. <i>Nature Methods</i> , 2019, 16, 489-492.	9.0	70
967	Long non-coding RNA DILC suppresses bladder cancer cells progression. <i>Gene</i> , 2019, 710, 193-201.	1.0	11

#	ARTICLE	IF	CITATIONS
968	Differentially expressed lncRNA-m433s1 regulates FSH secretion by functioning as a miRNA sponge in male rat anterior pituitary cells. <i>Biology of Reproduction</i> , 2019, 101, 416-425.	1.2	13
969	Developmental dynamics of lncRNAs across mammalian organs and species. <i>Nature</i> , 2019, 571, 510-514.	13.7	219
970	<p>LINC00339 promotes growth and invasiveness of hepatocellular carcinoma by the miR-1182/SKA1 pathway</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 4481-4488.	1.0	27
971	Noncoding RNAs in cancer therapy resistance and targeted drug development. <i>Journal of Hematology and Oncology</i> , 2019, 12, 55.	6.9	193
972	Alterations of the circular RNA profile in the jejunum of neonatal calves in response to colostrum and milk feeding. <i>Journal of Dairy Science</i> , 2019, 102, 7038-7048.	1.4	8
973	Long noncoding RNA and epigenetic inheritance. , 2019, , 213-248.		2
975	Long non-coding RNAs in Oral squamous cell carcinoma: biologic function, mechanisms and clinical implications. <i>Molecular Cancer</i> , 2019, 18, 102.	7.9	128
976	Systematic Analysis of Non-coding RNAs Involved in the Angora Rabbit (<i>Oryctolagus cuniculus</i>) Hair Follicle Cycle by RNA Sequencing. <i>Frontiers in Genetics</i> , 2019, 10, 407.	1.1	57
977	Long Noncoding RNA MALAT1 Acts as a Competing Endogenous RNA to Regulate TGF- β 2 Induced Epithelial-Mesenchymal Transition of Lens Epithelial Cells by a MicroRNA-26a-Dependent Mechanism. <i>BioMed Research International</i> , 2019, 2019, 1-11.	0.9	18
978	Impact of <i>Toxoplasma gondii</i> Infection on Host Non-coding RNA Responses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 132.	1.8	23
979	lncRNAs Regulatory Networks in Cellular Senescence. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2615.	1.8	71
980	Gene Therapy on the Road. <i>Current Gene Therapy</i> , 2019, 19, 6-6.	0.9	13
981	lncRNA SNHG16 is associated with proliferation and poor prognosis of pediatric neuroblastoma. <i>International Journal of Oncology</i> , 2019, 55, 93-102.	1.4	22
982	Roles of E-cadherin and Noncoding RNAs in the Epithelialâ€mesenchymal Transition and Progression in Gastric Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2870.	1.8	85
983	Bioinformatics identification of lncRNA biomarkers associated with the progression of esophageal squamous cell carcinoma. <i>Molecular Medicine Reports</i> , 2019, 19, 5309-5320.	1.1	25
984	uNK cellâ€derived TGFâ€ β 1 regulates the long noncoding RNA MEG3 to control vascular smooth muscle cell migration and apoptosis in spiral artery remodeling. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 15997-16007.	1.2	17
985	RNAâ€Seq analysis of potential lncRNAs and genes for the antiâ€renal fibrotic effect of norcantharidin. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17354-17367.	1.2	14
986	Long non-coding RNAs in genitourinary malignancies: a whole new world. <i>Nature Reviews Urology</i> , 2019, 16, 484-504.	1.9	80

#	ARTICLE	IF	CITATIONS
987	Nuclear retention element recruits U1 snRNP components to restrain spliced lncRNAs in the nucleus. <i>RNA Biology</i> , 2019, 16, 1001-1009.	1.5	60
988	lncRNA SNHG1 contributes to sorafenib resistance by activating the Akt pathway and is positively regulated by miR-21 in hepatocellular carcinoma cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 183.	3.5	135
989	Long noncoding RNAs: Novel regulators of virus-host interactions. <i>Reviews in Medical Virology</i> , 2019, 29, e2046.	3.9	38
990	What is the best reference state for building statistical potentials in RNA 3D structure evaluation?. <i>Rna</i> , 2019, 25, 793-812.	1.6	23
991	lncRNA ZEB1-AS1 reduces liver cancer cell proliferation by targeting miR-365a-3p. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 3539-3547.	0.8	13
992	UCA1 promotes cell viability, proliferation and migration potential through UCA1/miR-204/CCND2 pathway in primary cystitis glandularis cells. <i>Biomedicine and Pharmacotherapy</i> , 2019, 114, 108872.	2.5	7
993	Construction and analysis of a dysregulated lncRNA-associated ceRNA network in a rat model of temporal lobe epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 69, 105-114.	0.9	15
994	Long non-coding RNA and mRNA profile analysis of metformin to reverse the pulmonary hypertension vascular remodeling induced by monocrotaline. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108933.	2.5	27
995	lnc-TALC promotes O6-methylguanine-DNA methyltransferase expression via regulating the c-Met pathway by competitively binding with miR-20b-3p. <i>Nature Communications</i> , 2019, 10, 2045.	5.8	143
996	lncRNA PTSC3 inhibits triple-negative breast cancer cell proliferation by downregulating lncRNA H19. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 15083-15088.	1.2	34
997	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
998	Nrf2-lncRNA controls cell fate by modulating p53-dependent Nrf2 activation as an miRNA sponge for Plk2 and p21 ^{cip1} . <i>FASEB Journal</i> , 2019, 33, 7953-7969.	0.2	25
999	Noncoding RNAs in Cardiovascular Disease. , 2019, , 43-87.		2
1001	Full high-throughput sequencing analysis of differences in expression profiles of long noncoding RNAs and their mechanisms of action in systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2019, 21, 70.	1.6	35
1002	A five-miRNA signature predicts survival in gastric cancer using bioinformatics analysis. <i>Gene</i> , 2019, 699, 125-134.	1.0	30
1003	Comprehensive analysis of a ceRNA network reveals potential prognostic cytoplasmic lncRNAs involved in HCC progression. <i>Journal of Cellular Physiology</i> , 2019, 234, 18837-18848.	2.0	103
1004	Volatile Evolution of Long Non-Coding RNA Repertoire in Retinal Pigment Epithelium: Insights from Comparison of Bovine and Human RNA Expression Profiles. <i>Genes</i> , 2019, 10, 205.	1.0	10
1005	Long non-coding RNA MIR22HG inhibits cell proliferation and migration in cholangiocarcinoma by negatively regulating the Wnt/β-catenin signaling pathway. <i>Journal of Gene Medicine</i> , 2019, 21, e3085.	1.4	17

#	ARTICLE	IF	CITATIONS
1006	Systematic Identification and Analysis of Expression Profiles of mRNAs and lncRNAs in Macrophage Inflammatory Response. <i>Shock</i> , 2019, 51, 770-779.	1.0	13
1007	Long non-coding RNAs are emerging targets of phytochemicals for cancer and other chronic diseases. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1947-1966.	2.4	188
1008	Seasonal regulation of the lncRNA LDAIR modulates self-protective behaviours during the breeding season. <i>Nature Ecology and Evolution</i> , 2019, 3, 845-852.	3.4	18
1009	Diagnostic potential of metastasis-associated-lung-adenocarcinoma-transcript-1 (MALAT-1) and TNF α and hnRNPL related immunoregulatory long non-coding RNA (THRIL) in systemic lupus erythematosus patients: Relation to disease activity. <i>Egyptian Rheumatologist</i> , 2019, 41, 197-201.	0.5	9
1010	lncRNA HOXA-AS3 Sponges miR-29c to Facilitate Cell Proliferation, Metastasis, and EMT Process and Activate the MEK/ERK Signaling Pathway in Hepatocellular Carcinoma. <i>Human Gene Therapy Clinical Development</i> , 2019, 30, 129-141.	3.2	27
1011	Long noncoding RNA Xist predicts the presence of lymph node metastases in human oesophageal squamous cell carcinoma. <i>British Journal of Biomedical Science</i> , 2019, 76, 147-149.	1.2	5
1012	TUG1 knockdown enhances adriamycin cytotoxicity by inhibiting glycolysis in adriamycin-resistant acute myeloid leukemia HL60/ADR cells. <i>RSC Advances</i> , 2019, 9, 10897-10904.	1.7	8
1013	Long noncoding RNA SYISL: the crucial interaction with EZH2 in skeletal muscle differentiation and disorders. <i>Non-coding RNA Investigation</i> , 0, 3, 7-7.	0.6	0
1014	Downregulated lncRNA SLC25A5-AS1 facilitates cell growth and inhibits apoptosis via miR-19a-3p/PTEN/PI3K/AKT signalling pathway in gastric cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2920-2932.	1.6	58
1015	Comprehensive analysis of differentially expressed profiles of long non-coding RNAs and messenger RNAs in kaolin-induced hydrocephalus. <i>Gene</i> , 2019, 697, 184-193.	1.0	8
1016	The lncRNA BDNF-AS is an epigenetic regulator in the human amygdala in early onset alcohol use disorders. <i>Translational Psychiatry</i> , 2019, 9, 34.	2.4	73
1017	The lncRNA ZEB2-AS1 is upregulated in gastric cancer and affects cell proliferation and invasion via miR-143-5p/HIF-1 α axis. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 657-667.	1.0	49
1018	Multi-Omics Approaches to Study Long Non-coding RNA Function in Atherosclerosis. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 9.	1.1	27
1019	Aberrant methylation and downregulation of ZNF667-AS1 and ZNF667 promote the malignant progression of laryngeal squamous cell carcinoma. <i>Journal of Biomedical Science</i> , 2019, 26, 13.	2.6	52
1020	Evaluating the diagnostic and prognostic value of serum long non-coding RNA CTC-497E21.4 in gastric cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1063-1072.	1.4	24
1021	Targeted design and identification of AC1NOD4Q to block activity of HOTAIR by abrogating the scaffold interaction with EZH2. <i>Clinical Epigenetics</i> , 2019, 11, 29.	1.8	63
1022	Long Non-coding RNAs Associated With Neurodegeneration-Linked Genes Are Reduced in Parkinson's Disease Patients. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 58.	1.8	63
1023	LCAL1 enhances lung cancer survival via inhibiting AMPK-related antitumor functions. <i>Molecular and Cellular Biochemistry</i> , 2019, 457, 11-20.	1.4	14

#	ARTICLE	IF	CITATIONS
1024	MSC-regulated lncRNA MACC1-AS1 promotes stemness and chemoresistance through fatty acid oxidation in gastric cancer. <i>Oncogene</i> , 2019, 38, 4637-4654.	2.6	201
1025	Knockdown of the long noncoding RNA HOTTIP inhibits cell proliferation and enhances cell sensitivity to cisplatin by suppressing the Wnt/ β -catenin pathway in prostate cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 8965-8974.	1.2	33
1026	Characterization of lncRNA-miRNA-mRNA Network to Reveal Potential Functional ceRNAs in Bovine Skeletal Muscle. <i>Frontiers in Genetics</i> , 2019, 10, 91.	1.1	39
1027	Hacking the Cancer Genome: Profiling Therapeutically Actionable Long Non-coding RNAs Using CRISPR-Cas9 Screening. <i>Cancer Cell</i> , 2019, 35, 545-557.	7.7	163
1028	Genome-wide discovery and characterization of flower development related long non-coding RNAs in <i>Prunus mume</i> . <i>BMC Plant Biology</i> , 2019, 19, 64.	1.6	36
1029	The inhibitive effect of sh-HIF1A-AS2 on the proliferation, invasion, and pathological damage of breast cancer via targeting miR-548c-3p through regulating HIF-1 α /VEGF pathway in vitro and vivo. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 825-834.	1.0	22
1030	Recent advances in metallodrug-like molecules targeting non-coding RNAs in cancer chemotherapy. <i>Coordination Chemistry Reviews</i> , 2019, 387, 47-59.	9.5	30
1031	Beyond classic editing: innovative CRISPR approaches for functional studies of long non-coding RNA. <i>Biology Methods and Protocols</i> , 2019, 4, bpz017.	1.0	16
1032	Evolution of Exons and the Exon-Intron Structure of Long Intergenic Noncoding RNA Genes in Placental Mammals. <i>Biology Bulletin Reviews</i> , 2019, 9, 491-502.	0.3	1
1033	HERES, a lncRNA that regulates canonical and noncanonical Wnt signaling pathways via interaction with EZH2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24620-24629.	3.3	45
1034	Architectural RNAs for Membraneless Nuclear Body Formation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2019, 84, 227-237.	2.0	46
1035	Prognostic and Clinicopathological Significance of Long Non-coding RNA PANDAR Expression in Cancer Patients: A Meta-Analysis. <i>Frontiers in Oncology</i> , 2019, 9, 1337.	1.3	8
1036	Association between polymorphism in CDKN2B-AS1 gene and its interaction with smoking on the risk of lung cancer in a Chinese population. <i>Human Genomics</i> , 2019, 13, 58.	1.4	7
1037	Heavy-Ion Carbon Radiation Regulates Long Non-Coding RNAs in Cervical Cancer HeLa Cells. <i>Journal of Cancer</i> , 2019, 10, 5022-5030.	1.2	2
1038	Long Non-coding RNA PVT1 as a Prognostic and Therapeutic Target in Pediatric Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1173.	1.3	12
1039	The interplay between m6A RNA methylation and noncoding RNA in cancer. <i>Journal of Hematology and Oncology</i> , 2019, 12, 121.	6.9	367
1040	In-cell identification and measurement of RNA-protein interactions. <i>Nature Communications</i> , 2019, 10, 5317.	5.8	43
1041	Salinomycin reduces epithelial-mesenchymal transition-mediated multidrug resistance by modifying long noncoding RNA HOTTIP expression in gastric cancer cells. <i>Anti-Cancer Drugs</i> , 2019, 30, 892-899.	0.7	19

#	ARTICLE	IF	CITATIONS
1042	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
1043	Dysregulated Long Non-coding RNAs in Parkinson's Disease Contribute to the Apoptosis of Human Neuroblastoma Cells. <i>Frontiers in Neuroscience</i> , 2019, 13, 1320.	1.4	43
1044	The shift in the balance between osteoblastogenesis and adipogenesis of mesenchymal stem cells mediated by glucocorticoid receptor. <i>Stem Cell Research and Therapy</i> , 2019, 10, 377.	2.4	99
1045	Sensitive Biomarker Analysis of Xue-Fu-Zhu-Yu Capsule for Patients with Qi Stagnation and Blood Stasis Pattern: A Nested Case-Control Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-12.	0.5	1
1046	Systematic identification of lincRNA-based prognostic biomarkers by integrating lincRNA expression and copy number variation in lung adenocarcinoma. <i>International Journal of Cancer</i> , 2019, 144, 1723-1734.	2.3	85
1047	Advanced glycation end products of bovine serum albumin affect the cell growth of human umbilical vein endothelial cells via modulation of MEG3/miR-93/p21 pathway. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 51, 41-50.	0.9	6
1048	Long non-coding RNA TUG1 regulates the migration and invasion of trophoblast-like cells through sponging miR-204b. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2019, 46, 380-388.	0.9	14
1049	Epigenetics of Lupus. , 2019, , 69-85.		0
1050	DDN-AS1-miR-15a/16-1-TCF3 feedback loop regulates tumor progression in cervical cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 10228-10238.	1.2	18
1051	Isolation and genome-wide characterization of cellular DNA:RNA triplex structures. <i>Nucleic Acids Research</i> , 2019, 47, 2306-2321.	6.5	78
1052	A novel lncRNA-mediated trans-regulatory mechanism in the development of cleft palate in mouse. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e00522.	0.6	10
1053	Analysis of long noncoding RNA expression profiles in the whole blood of neonates with hypoxic-ischemic encephalopathy. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 8499-8509.	1.2	6
1054	Expression profile analysis identifies the long non-coding RNA landscape and the potential carcinogenic functions of LINC00668 in laryngeal squamous cell carcinoma. <i>Gene</i> , 2019, 687, 47-55.	1.0	23
1055	Comprehensive analysis of microarray expression profiles of circRNAs and lncRNAs with associated co-expression networks in human colorectal cancer. <i>Functional and Integrative Genomics</i> , 2019, 19, 311-327.	1.4	22
1056	Association between genetic polymorphisms in long non-coding RNAs and pancreatic cancer risk. <i>Cancer Biomarkers</i> , 2019, 24, 117-123.	0.8	21
1057	Long non-coding RNAs influence the transcriptome in pulmonary arterial hypertension: the role of <i>PAXIP1-AS1</i> . <i>Journal of Pathology</i> , 2019, 247, 357-370.	2.1	40
1058	Invited Review: Long non-coding RNA's: important regulators in the development, function and disorders of the central nervous system. <i>Neuropathology and Applied Neurobiology</i> , 2019, 45, 538-556.	1.8	40
1059	Ancient exapted transposable elements promote nuclear enrichment of human long noncoding RNAs. <i>Genome Research</i> , 2019, 29, 208-222.	2.4	64

#	ARTICLE	IF	CITATIONS
1060	Long non-coding RNAs defining major subtypes of B cell precursor acute lymphoblastic leukemia. <i>Journal of Hematology and Oncology</i> , 2019, 12, 8.	6.9	38
1061	Difficulties and challenges in the development of precision medicine. <i>Clinical Genetics</i> , 2019, 95, 569-574.	1.0	33
1062	LncRNA MEG3 negatively modified osteosarcoma development through regulation of miR-361-5p and FoxM1. <i>Journal of Cellular Physiology</i> , 2019, 234, 13464-13480.	2.0	28
1063	Long non-coding RNA POLR2E gene polymorphisms increased the risk of prostate cancer in a sample of the Iranian population. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2019, 38, 1-11.	0.4	8
1064	A comprehensive catalog of LncRNAs expressed in T-cell acute lymphoblastic leukemia. <i>Leukemia and Lymphoma</i> , 2019, 60, 2002-2014.	0.6	4
1065	LINC00961 restrains cancer progression via modulating epithelial-mesenchymal transition in renal cell carcinoma. <i>Journal of Cellular Physiology</i> , 2019, 234, 7257-7265.	2.0	20
1066	Identification of a universal lncRNA prognostic signature for three pathologic subtypes of renal cell carcinoma. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 7375-7385.	1.2	26
1067	yyLncT Defines a Class of Divergently Transcribed lncRNAs and Safeguards the T-mediated Mesodermal Commitment of Human PSCs. <i>Cell Stem Cell</i> , 2019, 24, 318-327.e8.	5.2	44
1068	Regulation of Aldosterone Signaling by MicroRNAs. <i>Vitamins and Hormones</i> , 2019, 109, 69-103.	0.7	9
1069	Predictive value of long noncoding RNA ZFAS1 in patients with ischemic stroke. <i>Clinical and Experimental Hypertension</i> , 2019, 41, 615-621.	0.5	33
1070	Plasmacytoma variant translocation 1 (PVT1) regulates trophoblast viability, proliferation, and migration and is downregulated in spontaneous abortion. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13048.	1.2	20
1071	Noncoding RNA in NK cells. <i>Journal of Leukocyte Biology</i> , 2018, 105, 63-71.	1.5	26
1072	A Novel Method for LncRNA-Disease Association Prediction Based on an lncRNA-Disease Association Network. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019, 16, 688-693.	1.9	92
1073	Non-coding RNAs as potential therapeutic targets in breast cancer. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194378.	0.9	68
1074	The Relationship between Pre-miR-3131 3-bp Insertion/Deletion Polymorphism and Susceptibility and Clinicopathological Characteristics of Patients with Breast Cancer. <i>MicroRNA (Sharjah, United Arab Emirates)</i> 10(1):1-10 (2020)	0.8	10
1075	Differential expression of lncRNA/miRNA/mRNA and their related functional networks during the osteogenic/odontogenic differentiation of dental pulp stem cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 3350-3361.	2.0	41
1076	Long non-coding RNA TGLC15 advances hepatocellular carcinoma by stabilizing Sox4. <i>Journal of Clinical Laboratory Analysis</i> , 2020, 34, e23009.	0.9	6
1077	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

#	ARTICLE	IF	CITATIONS
1078	RP11a-284F21.9 promotes oral squamous cell carcinoma development via the miR-383a-5p/MAL2 axis. <i>Journal of Oral Pathology and Medicine</i> , 2020, 49, 21-29.	1.4	19
1079	LncRNA-Disease Associations Prediction Using Bipartite Local Model With Nearest Profile-Based Association Inferring. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 1519-1527.	3.9	21
1080	The Role of Long Noncoding RNAs in the Biology of Pituitary Adenomas. <i>World Neurosurgery</i> , 2020, 137, 252-256.	0.7	25
1081	A novel LncRNA HITT forms a regulatory loop with HIF-1 α to modulate angiogenesis and tumor growth. <i>Cell Death and Differentiation</i> , 2020, 27, 1431-1446.	5.0	66
1082	LNRLMI: Linear neighbour representation for predicting lncRNA-miRNA interactions. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 79-87.	1.6	27
1083	LncRNA SNHG3 is activated by E2F1 and promotes proliferation and migration of non-small cell lung cancer cells through activating TGF β ² pathway and IL-6/JAK2/STAT3 pathway. <i>Journal of Cellular Physiology</i> , 2020, 235, 2891-2900.	2.0	69
1084	The Emerging Role of Long Non-Coding RNAs in the Metastasis of Hepatocellular Carcinoma. <i>Biomolecules</i> , 2020, 10, 66.	1.8	69
1085	lncRNA Sensing of a Viral Suppressor of RNAi Activates Non-canonical Innate Immune Signaling in <i>Drosophila</i> . <i>Cell Host and Microbe</i> , 2020, 27, 115-128.e8.	5.1	44
1086	Role of the long noncoding RNA H19 in TGF β ² -induced Tenon's capsule fibroblast proliferation and extracellular matrix deposition. <i>Experimental Cell Research</i> , 2020, 387, 111802.	1.2	9
1087	Association between lncRNA H19 polymorphisms and cancer susceptibility based on a meta-analysis from 25 studies. <i>Gene</i> , 2020, 729, 144317.	1.0	13
1088	Downregulation of lncRNA SNHG12 reversed IGF1R-induced osteosarcoma metastasis and proliferation by targeting miR-195-5p. <i>Gene</i> , 2020, 726, 144145.	1.0	24
1089	Linking lncRNAs to regulation, pathogenesis, and diagnosis of pulmonary hypertension. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2020, 57, 181-195.	2.7	3
1090	lncRNADis-FB: Identify lncRNA-Disease Associations by Fusing Biological Feature Blocks Through Deep Neural Network. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 1946-1957.	1.9	37
1091	lncRNA UCA1 Functions as a ceRNA to Promote Prostate Cancer Progression via Sponging miR143. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 751-758.	2.3	70
1092	The Long Non-coding RNA HOTTIP Is Highly Expressed in Colorectal Cancer and Enhances Cell Proliferation and Invasion. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 612-618.	2.3	15
1093	lncRNA THAP9-AS1 Promotes Pancreatic Ductal Adenocarcinoma Growth and Leads to a Poor Clinical Outcome via Sponging miR-484 and Interacting with YAP. <i>Clinical Cancer Research</i> , 2020, 26, 1736-1748.	3.2	70
1094	Polymorphisms of a novel long non-coding RNA RP11-108K3.2 with colorectal cancer susceptibility and their effects on its expression. <i>International Journal of Biological Markers</i> , 2020, 35, 3-9.	0.7	9
1095	Long non-coding RNA SSTR5-AS1 facilitates gemcitabine resistance via stabilizing NONO in gallbladder carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 952-959.	1.0	15

#	ARTICLE	IF	CITATIONS
1096	A novel long noncoding RNA Linc-ASEN represses cellular senescence through multileveled reduction of p21 expression. <i>Cell Death and Differentiation</i> , 2020, 27, 1844-1861.	5.0	23
1097	Silencing of Long Noncoding RNA SNHG6 Inhibits Esophageal Squamous Cell Carcinoma Progression via miR-186-5p/HIF1 α Axis. <i>Digestive Diseases and Sciences</i> , 2020, 65, 2844-2852.	1.1	23
1098	A PTAL-miR-101-FN1 Axis Promotes EMT and Invasion-Metastasis in Serous Ovarian Cancer. <i>Molecular Therapy - Oncolytics</i> , 2020, 16, 53-62.	2.0	27
1099	A lncRNA coordinates with Ezh2 to inhibit HIF-1 α transcription and suppress cancer cell adaption to hypoxia. <i>Oncogene</i> , 2020, 39, 1860-1874.	2.6	35
1100	Long Non-coding RNAs Involved in Resistance to Chemotherapy in Ovarian Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1549.	1.3	37
1101	Epigenetics of colorectal cancer: biomarker and therapeutic potential. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 111-130.	8.2	449
1102	Dysregulated Bone Metabolism Is Related to High Expression of miR-151a-3p in Severe Adolescent Idiopathic Scoliosis. <i>BioMed Research International</i> , 2020, 2020, 1-12.	0.9	7
1103	A novel lncRNA, loc107985872, promotes lung adenocarcinoma progression via the notch1 signaling pathway with exposure to traffic-originated PM2.5 organic extract. <i>Environmental Pollution</i> , 2020, 266, 115307.	3.7	17
1104	Roles of long noncoding RNAs in bacterial infection. <i>Life Sciences</i> , 2020, 263, 118579.	2.0	21
1105	lncRNA IGF2 AS Regulates Bovine Myogenesis through Different Pathways. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 21, 874-884.	2.3	14
1106	Emerging roles and potential clinical applications of noncoding RNAs in hepatocellular carcinoma. <i>Seminars in Cancer Biology</i> , 2021, 75, 136-152.	4.3	13
1107	<p>STAT3-Induced Upregulation of lncRNA CASC9 Promotes the Progression of Bladder Cancer by Interacting with EZH2 and Affecting the Expression of PTEN</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 9147-9157.	1.0	7
1108	TRIM29 inhibits miR-873-5P biogenesis via CYTOR to upregulate fibronectin 1 and promotes invasion of papillary thyroid cancer cells. <i>Cell Death and Disease</i> , 2020, 11, 813.	2.7	19
1109	Urothelial cancer associated 1 (UCA1) regulates trophoblast viability, proliferation, and migration via modulating the UCA1/miR-455/RUNX2 signaling pathway. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 1120-1130.	0.9	6
1110	Paclitaxel alleviates the sepsis-induced acute kidney injury via lnc-MALAT1/miR-370-3p/HMGB1 axis. <i>Life Sciences</i> , 2020, 262, 118505.	2.0	35
1111	Mechanism of efficient double-strand break repair by a long non-coding RNA. <i>Nucleic Acids Research</i> , 2020, 48, 10953-10972.	6.5	43
1112	Non-coding RNA biomarkers in pancreatic ductal adenocarcinoma. <i>Seminars in Cancer Biology</i> , 2021, 75, 153-168.	4.3	32
1113	NNT-AS1 modulates prostate cancer cell proliferation, apoptosis and migration through miR-496/DDIT4 axis. <i>Cancer Cell International</i> , 2020, 20, 463.	1.8	11

#	ARTICLE	IF	CITATIONS
1114	Geniposide inhibits proliferation and induces apoptosis of diffuse large B-cell lymphoma cells by inactivating the HCP5/miR-27b-3p/MET axis. <i>International Journal of Medical Sciences</i> , 2020, 17, 2735-2743.	1.1	11
1116	Towards a comprehensive pipeline to identify and functionally annotate long noncoding RNA (lncRNA). <i>Computers in Biology and Medicine</i> , 2020, 127, 104028.	3.9	16
1117	Hypoxia-inducible long noncoding RNA NPSR1-AS1 promotes the proliferation and glycolysis of hepatocellular carcinoma cells by regulating the MAPK/ERK pathway. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 886-892.	1.0	17
1118	Ancestrally Duplicated Conserved Noncoding Element Suggests Dual Regulatory Roles of HOTAIR in cis and trans. <i>IScience</i> , 2020, 23, 101008.	1.9	9
1119	Inferences of Individual Drug Response-Related Long Non-coding RNAs Based on Integrating Multi-omics Data in Breast Cancer. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 20, 128-139.	2.3	10
1120	Upregulation of lncRNA plasmacytoma variant translocation 1 predicts poor prognosis in patients with muscle-invasive bladder cancer. <i>Medicine (United States)</i> , 2020, 99, e21059.	0.4	5
1121	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
1122	Emerging roles for noncoding RNAs in female sex steroids and reproductive disease. <i>Molecular and Cellular Endocrinology</i> , 2020, 518, 110875.	1.6	14
1123	Interrelation of Telomeres with Transposable Elements in Aging. <i>Advances in Gerontology</i> , 2020, 10, 101-108.	0.1	2
1124	Roles of Noncoding RNAs in Islet Biology. , 2020, 10, 893-932.		7
1125	N6-methyladenine modification in noncoding RNAs and its function in cancer. <i>Biomarker Research</i> , 2020, 8, 61.	2.8	28
1126	<p>The SP1-Induced Long Noncoding RNA, LINC00339, Promotes Tumorigenesis in Colorectal Cancer via the miR-378a-3p/MED19 Axis</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 11711-11724.	1.0	20
1127	Micro-RNA Analysis in Pulmonary Arterial Hypertension. <i>JACC Basic To Translational Science</i> , 2020, 5, 1149-1162.	1.9	24
1128	From structure to function: Route to understanding lncRNA mechanism. <i>BioEssays</i> , 2020, 42, e2000027.	1.2	48
1130	Deep learning based DNA:RNA triplex forming potential prediction. <i>BMC Bioinformatics</i> , 2020, 21, 522.	1.2	22
1131	Regulation of Glycolysis by Non-coding RNAs in Cancer: Switching on the Warburg Effect. <i>Molecular Therapy - Oncolytics</i> , 2020, 19, 218-239.	2.0	87
1132	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
1133	Mitoregulin Controls $\hat{2}$ -Oxidation in Human and Mouse Adipocytes. <i>Stem Cell Reports</i> , 2020, 14, 590-602.	2.3	31

#	ARTICLE	IF	CITATIONS
1134	Roles of hsa-miR-12462 and SLC9A1 in acute myeloid leukemia. <i>Journal of Hematology and Oncology</i> , 2020, 13, 101.	6.9	16
1135	A Novel ceRNA Regulatory Network Involving the Long Non-Coding Antisense RNA SPACA6P-AS, miR-125a and its mRNA Targets in Hepatocarcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5068.	1.8	15
1136	Identification of a three-long noncoding RNA prognostic model involved competitive endogenous RNA in kidney renal clear cell carcinoma. <i>Cancer Cell International</i> , 2020, 20, 319.	1.8	25
1137	Regulation of Glucose and Lipid Metabolism by Long Non-coding RNAs: Facts and Research Progress. <i>Frontiers in Endocrinology</i> , 2020, 11, 457.	1.5	22
1138	MIPDH: A Novel Computational Model for Predicting microRNA-mRNA Interactions by DeepWalk on a Heterogeneous Network. <i>ACS Omega</i> , 2020, 5, 17022-17032.	1.6	17
1139	Functional annotation of human long noncoding RNAs via molecular phenotyping. <i>Genome Research</i> , 2020, 30, 1060-1072.	2.4	109
1140	Pathogenesis of psoriasis in the "omic" era. Part II. Genetic, genomic and epigenetic changes in psoriasis. <i>Postepy Dermatologii i Alergologii</i> , 2020, 37, 283-298.	0.4	29
1141	Principles and innovative technologies for decrypting noncoding RNAs: from discovery and functional prediction to clinical application. <i>Journal of Hematology and Oncology</i> , 2020, 13, 109.	6.9	60
1142	LncRNA TTN-AS1 promotes the progression of cholangiocarcinoma via the miR-320a/neuropilin-1 axis. <i>Cell Death and Disease</i> , 2020, 11, 637.	2.7	30
1143	Water soluble ionic Co(II), Cu(II) and Zn(II) diimine-glycinate complexes targeted to tRNA: structural description, <i>in vitro</i> comparative binding, cleavage and cytotoxic studies towards chemoresistant prostate cancer cells. <i>Dalton Transactions</i> , 2020, 49, 16830-16848.	1.6	24
1144	Assessing the Role of Long Noncoding RNA in Nucleus Accumbens in Subjects With Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 2468-2480.	1.4	12
1145	Long non-coding RNA BLACAT1, a novel promising biomarker and regulator of human cancers. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110808.	2.5	8
1146	Long Noncoding RNA FBXL19-AS1 Expedites Cell Growth, Migration and Invasion in Cervical Cancer by miR-193a-5p/PIN1 Signaling. <i>Cancer Management and Research</i> , 2020, Volume 12, 9741-9752.	0.9	10
1147	New Insights on the Mobility of Viral and Host Non-Coding RNAs Reveal Extracellular Vesicles as Intriguing Candidate Antiviral Targets. <i>Pathogens</i> , 2020, 9, 876.	1.2	3
1148	Clinical implications and nomogram prediction of long noncoding RNA FRGCA as diagnostic and prognostic indicators in colon adenocarcinoma. <i>Medicine (United States)</i> , 2020, 99, e22806.	0.4	1
1149	Overexpression of LINC00852 promotes prostate cancer cell proliferation and metastasis. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2021, 17, 435-441.	0.7	7
1150	LncRNA SNHG6 enhances the radioresistance and promotes the growth of cervical cancer cells by sponging miR-485-3p. <i>Cancer Cell International</i> , 2020, 20, 424.	1.8	22
1151	Microbial regulation of a lincRNA-miRNA-mRNA network in the mouse hippocampus. <i>Epigenomics</i> , 2020, 12, 1377-1387.	1.0	13

#	ARTICLE	IF	CITATIONS
1152	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
1153	Long Non-Coding RNA Profile Study Identifies an Immune-Related lncRNA Prognostic Signature for Kidney Renal Clear Cell Carcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 1430.	1.3	37
1154	Long noncoding RNA TCONS00106987 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
1155	The AC006262.5-miR-7855-5p-BPY2C axis facilitates hepatocellular carcinoma proliferation and migration. <i>Biochemistry and Cell Biology</i> , 2020, 99, 1-8.	0.9	2
1156	LncRNA Gm16410 regulates PM2.5-induced lung Endothelial-Mesenchymal Transition via the TGF- β 1/Smad3/p-Smad3 pathway. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111327.	2.9	22
1157	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
1158	Genome-wide identification and characterization of long non-coding RNAs in <i>Tribolium castaneum</i> . <i>Insect Science</i> , 2021, 28, 1262-1276.	1.5	16
1159	LncRNA UCA1 maintains the low-tumorigenic and nonmetastatic status by stabilizing E-cadherin in primary prostate cancer cells. <i>Molecular Carcinogenesis</i> , 2020, 59, 1174-1187.	1.3	13
1160	Back to the Future: Rethinking the Great Potential of lncRNAs for Optimizing Chemotherapeutic Response in Ovarian Cancer. <i>Cancers</i> , 2020, 12, 2406.	1.7	17
1161	Non-Coding RNAs in Psychiatric Disorders and Suicidal Behavior. <i>Frontiers in Psychiatry</i> , 2020, 11, 543893.	1.3	43
1162	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
1163	Long Noncoding RNA LINC01485 Promotes Tumor Growth and Migration via Inhibiting EGFR Ubiquitination and Activating EGFR/Akt Signaling in Gastric Cancer. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 8413-8425.	1.0	11
1164	N ⁶ -methyladenosine and RNA secondary structure affect transcript stability and protein abundance during systemic salt stress in Arabidopsis. <i>Plant Direct</i> , 2020, 4, e00239.	0.8	41
1165	Epigenetic Mechanisms Underlying Pathobiology of Alcohol Use Disorder. <i>Current Pathobiology Reports</i> , 2020, 8, 61-73.	1.6	3
1166	Long noncoding RNA TTN-AS1 facilitates tumorigenesis and metastasis by maintaining TTN expression in skin cutaneous melanoma. <i>Cell Death and Disease</i> , 2020, 11, 664.	2.7	26
1167	Construction and Comprehensive Analysis of a ceRNA Network to Reveal Potential Novel Biomarkers for Triple-Negative Breast Cancer. <i>Cancer Management and Research</i> , 2020, Volume 12, 7061-7075.	0.9	6
1168	Novel Non-Coding Transcript in NR4A3 Locus, lncNR4A3, Regulates RNA Processing Machinery Proteins and NR4A3 Expression. <i>Frontiers in Oncology</i> , 2020, 10, 569668.	1.3	1
1169	Hypomethylation of PlncRNA-1 promoter enhances bladder cancer progression through the miR-136-5p/Smad3 axis. <i>Cell Death and Disease</i> , 2020, 11, 1038.	2.7	25

#	ARTICLE	IF	CITATIONS
1170	CircRNA hsa_circ_0008500 Acts as a miR-1301-3p Sponge to Promote Osteoblast Mineralization by Upregulating PADI4. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 602731.	1.8	12
1171	A study on the pathogenesis of blood-heat psoriasis with transcriptome analysis. <i>Annals of Translational Medicine</i> , 2020, 8, 1523-1523.	0.7	2
1172	Introduction to epigenetics: basic concepts and advancements in the field. , 2020, , xxv-xliv.		1
1173	Direct Interactions with Nascent Transcripts Is Potentially a Common Targeting Mechanism of Long Non-Coding RNAs. <i>Genes</i> , 2020, 11, 1483.	1.0	7
1174	<p>LncRNA SOX2OT rs9839776 Polymorphism Reduces Sepsis Susceptibility in Southern Chinese Children</p>. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 1095-1101.	1.6	5
1175	Silencing long non-coding RNA CASC9 inhibits colorectal cancer cell proliferation by acting as a competing endogenous RNA of miR-576-5p to regulate AKT3. <i>Cell Death Discovery</i> , 2020, 6, 115.	2.0	11
1176	Epigenetic Regulation of Dental Pulp Stem Cell Fate. <i>Stem Cells International</i> , 2020, 2020, 1-16.	1.2	16
1177	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
1178	Overexpression of long noncoding RNA HOXA№AS2 predicts an adverse prognosis and promotes tumorigenesis via SOX4/PI3K/AKT pathway in acute myeloid leukemia. <i>Cell Biology International</i> , 2020, 44, 1745-1759.	1.4	11
1179	An MXD1-derived repressor peptide identifies noncoding mediators of MYC-driven cell proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6571-6579.	3.3	35
1180	The potential role of RNA N6-methyladenosine in Cancer progression. <i>Molecular Cancer</i> , 2020, 19, 88.	7.9	516
1181	LncRNA HOXA11-AS Promotes Proliferation and Migration via Sponging miR-155 in Hypopharyngeal Squamous Cell Carcinoma. <i>Oncology Research</i> , 2020, 28, 311-319.	0.6	13
1182	Competing endogenous RNA regulation in hematologic malignancies. <i>Clinica Chimica Acta</i> , 2020, 509, 108-116.	0.5	11
1183	Progress toward understanding chromosome silencing by Xist RNA. <i>Genes and Development</i> , 2020, 34, 733-744.	2.7	95
1184	A comprehensive study of construction and analysis of competitive endogenous RNA networks in lung adenocarcinoma. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140444.	1.1	42
1185	Identification and functional prediction of soybean CircRNAs involved in low-temperature responses. <i>Journal of Plant Physiology</i> , 2020, 250, 153188.	1.6	21
1186	Integrated Profiling Revealed Potential Regulatory Networks Among Long Noncoding RNAs and mRNAs in Mucosal Gastric Cancer. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382093011.	0.8	1
1187	Emerging roles of long non-coding RNAs in the p53 network. <i>RNA Biology</i> , 2020, 17, 1648-1656.	1.5	15

#	ARTICLE	IF	CITATIONS
1188	Adipogenesis, Osteogenesis, and Chondrogenesis of Human Mesenchymal Stem/Stromal Cells: A Comparative Transcriptome Approach. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 561.	1.8	73
1189	Enhancer-Driven lncRNA BDNF-AS Induces Endocrine Resistance and Malignant Progression of Breast Cancer through the RNH1/TRIM21/mTOR Cascade. <i>Cell Reports</i> , 2020, 31, 107753.	2.9	52
1190	lncRNA SNHG8 induces ovarian carcinoma cells cellular process and stemness through Wnt/ β^2 -catenin pathway. <i>Cancer Biomarkers</i> , 2020, 28, 459-471.	0.8	17
1191	Long Noncoding RNAs: Molecular Modalities to Organismal Functions. <i>Annual Review of Biochemistry</i> , 2020, 89, 283-308.	5.0	183
1192	Interactome analysis reveals that lncRNA HULC promotes aerobic glycolysis through LDHA and PKM2. <i>Nature Communications</i> , 2020, 11, 3162.	5.8	114
1193	SNHG7 is a lncRNA oncogene controlled by Insulin-like Growth Factor signaling through a negative feedback loop to tightly regulate proliferation. <i>Scientific Reports</i> , 2020, 10, 8583.	1.6	14
1194	Epigenetic and transcriptomic consequences of excess X chromosome material in 47,XXX syndrome—A comparison with Turner syndrome and 46,XX females. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2020, 184, 279-293.	0.7	21
1195	When Oxidative Stress Meets Epigenetics: Implications in Cancer Development. <i>Antioxidants</i> , 2020, 9, 468.	2.2	42
1196	<p>Plasma Exosomal Long Noncoding RNA lnc-SLC2A12-10:1 as a Novel Diagnostic Biomarker for Gastric Cancer</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 4009-4018.	1.0	30
1197	The Function of lncRNAs as Epigenetic Regulators. , 2020, , .		2
1198	<p>Restoration of UPK1A-AS1 Expression Suppresses Cell Proliferation, Migration, and Invasion in Esophageal Squamous Cell Carcinoma Cells Partially by Sponging microRNA-1248</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 2653-2662.	0.9	12
1199	Long non-coding RNA in cervical cancer: From biology to therapeutic opportunity. <i>Biomedicine and Pharmacotherapy</i> , 2020, 127, 110209.	2.5	55
1200	<p>Long Noncoding RNAs in Diffuse Large B-Cell Lymphoma: Current Advances and Perspectives</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 4295-4303.	1.0	14
1201	The Emerging Role and Promise of Circular RNAs in Obesity and Related Metabolic Disorders. <i>Cells</i> , 2020, 9, 1473.	1.8	29
1202	Regulatory Mechanism and Application of lncRNAs in Poultry. , 2020, , .		2
1203	The lncRNA LAMP5-AS1 drives leukemia cell stemness by directly modulating DOT1L methyltransferase activity in MLL leukemia. <i>Journal of Hematology and Oncology</i> , 2020, 13, 78.	6.9	47
1204	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
1205	New lncRNAs in Chronic Hepatitis C progression: from fibrosis to hepatocellular carcinoma. <i>Scientific Reports</i> , 2020, 10, 9886.	1.6	9

#	ARTICLE	IF	CITATIONS
1206	Enhancer RNAs are an important regulatory layer of the epigenome. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 521-528.	3.6	214
1207	Long non-coding RNA LCAL62 / LINC00261 is associated with lung adenocarcinoma prognosis. <i>Heliyon</i> , 2020, 6, e03521.	1.4	13
1208	Long noncoding RNA <i>SLC2A1-AS1</i> regulates aerobic glycolysis and progression in hepatocellular carcinoma via inhibiting the STAT3/FOXM1/GLUT1 pathway. <i>Molecular Oncology</i> , 2020, 14, 1381-1396.	2.1	63
1209	Seq™ing identity and function in a repeat-derived noncoding RNA world. <i>Chromosome Research</i> , 2020, 28, 111-127.	1.0	3
1210	HOTAIRM1, an enhancer lncRNA, promotes glioma proliferation by regulating long-range chromatin interactions within HOXA cluster genes. <i>Molecular Biology Reports</i> , 2020, 47, 2723-2733.	1.0	29
1211	Enhancer occlusion transcripts regulate the activity of human enhancer domains via transcriptional interference: a computational perspective. <i>Nucleic Acids Research</i> , 2020, 48, 3435-3454.	6.5	5
1212	Long noncoding RNA TANCR promotes T cells activation by regulating TRAIL expression in cis. <i>Cell and Bioscience</i> , 2020, 10, 15.	2.1	9
1213	Identification of tissue-specific and cold-responsive lncRNAs in <i>Medicago truncatula</i> by high-throughput RNA sequencing. <i>BMC Plant Biology</i> , 2020, 20, 99.	1.6	29
1214	Upregulation of OIP5-AS1 Predicts Poor Prognosis and Contributes to Thyroid Cancer Cell Proliferation and Migration. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 20, 279-291.	2.3	16
1215	The role of lncRNA LSAT1 in the invasion and metastasis of non-small cell lung cancer under hypoxia. <i>Translational Cancer Research</i> , 2020, 9, 1125-1132.	0.4	0
1216	Pathological Grade-Associated Transcriptome Profiling of lncRNAs and mRNAs in Gliomas. <i>Frontiers in Oncology</i> , 2020, 10, 253.	1.3	0
1217	LCZ696 (sacubitril/valsartan) protects against cyclophosphamide-induced testicular toxicity in rats: Role of neprilysin inhibition and lncRNA TUG1 in ameliorating apoptosis. <i>Toxicology</i> , 2020, 437, 152439.	2.0	15
1218	The Development of RNA-KISS, a Mammalian Three-Hybrid Method to Detect RNA-Protein Interactions in Living Mammalian Cells. <i>Journal of Proteome Research</i> , 2020, 19, 2529-2538.	1.8	4
1219	Hsa_Circ_0007843 Acts as a miR-518c-5p Sponge to Regulate the Migration and Invasion of Colon Cancer SW480 Cells. <i>Frontiers in Genetics</i> , 2020, 11, 9.	1.1	29
1220	Epidermal Stem Cells in Wound Healing and Regeneration. <i>Stem Cells International</i> , 2020, 2020, 1-11.	1.2	34
1221	Non-coding RNAs Shaping Muscle. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 394.	1.8	26
1222	Linc00668 Promotes Invasion and Stem Cell-Like Properties of Breast Cancer Cells by Interaction With SND1. <i>Frontiers in Oncology</i> , 2020, 10, 88.	1.3	14
1223	lncRNA profile study reveals a seven-lncRNA signature predicts the prognosis of patients with colorectal cancer. <i>Biomarker Research</i> , 2020, 8, 8.	2.8	21

#	ARTICLE	IF	CITATIONS
1224	Human Umbilical Cord Mesenchymal Stem Cell Differentiation Into Odontoblast-Like Cells and Endothelial Cells: A Potential Cell Source for Dental Pulp Tissue Engineering. <i>Frontiers in Physiology</i> , 2020, 11, 593.	1.3	15
1225	The TGF- β 1 Induces the Endothelial-to-Mesenchymal Transition via the UCA1/miR-455/ZEB1 Regulatory Axis in Human Umbilical Vein Endothelial Cells. <i>DNA and Cell Biology</i> , 2020, 39, 1264-1273.	0.9	12
1226	LINC00461 Overexpression Can Induce Docetaxel Resistance in Breast Cancer by Interacting with miR-411-5p. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 5551-5562.	1.0	14
1227	Identification and functional prediction of lncRNAs during cassava post-harvest physiological deterioration. <i>Agronomy Journal</i> , 2020, 112, 4914-4925.	0.9	2
1228	Identification of long noncoding RNA RP11-89K21.1 and RP11-357H14.17 as prognostic signature of endometrial carcinoma via integrated bioinformatics analysis. <i>Cancer Cell International</i> , 2020, 20, 268.	1.8	13
1229	Up-Regulation of MicroRNA-21 Indicates Poor Prognosis and Promotes Cell Proliferation in Esophageal Squamous Cell Carcinoma via Upregulation of lncRNA SNHG1. <i>Cancer Management and Research</i> , 2020, Volume 12, 1-14.	0.9	14
1230	A Review of ULK1-Mediated Autophagy in Drug Resistance of Cancer. <i>Cancers</i> , 2020, 12, 352.	1.7	47
1231	LncRNA HOTTIP enhances human osteogenic BMSCs differentiation via interaction with WDR5 and activation of Wnt/ β -catenin signalling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 1037-1043.	1.0	28
1232	Correlation of Long Noncoding RNA SEMA6A-AS1 Expression with Clinical Outcome in HBV-Related Hepatocellular Carcinoma. <i>Clinical Therapeutics</i> , 2020, 42, 439-447.	1.1	15
1233	Long Noncoding RNA DLX6-AS1 Promotes the Progression in Cervical Cancer by Targeting miR-16-5p/ARPP19 Axis. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2020, 35, 129-136.	0.7	28
1234	The role and function of long non-coding RNAs in osteoarthritis. <i>Experimental and Molecular Pathology</i> , 2020, 114, 104407.	0.9	19
1235	Editorial: Entering the RNA Wonderland: Opportunities and Challenges for RNA Therapeutics in the Cardiovascular System. <i>Frontiers in Physiology</i> , 2020, 11, 60.	1.3	0
1236	LINC00473 inhibits vascular smooth muscle cell viability to promote aneurysm formation via miR-212-5p/BASP1 axis. <i>European Journal of Pharmacology</i> , 2020, 873, 172935.	1.7	20
1237	Targeting the Oncogenic Long Non-coding RNA SLNCR1 by Blocking Its Sequence-Specific Binding to the Androgen Receptor. <i>Cell Reports</i> , 2020, 30, 541-554.e5.	2.9	47
1238	Genome-wide analysis of circular RNAs involved in Marek's disease tumourigenesis in chickens. <i>RNA Biology</i> , 2020, 17, 517-527.	1.5	18
1239	Emerging roles of HOTAIR in human cancer. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 3235-3247.	1.2	36
1240	LINC01410 promotes cell proliferation and migration of cholangiocarcinoma through modulating miR-124/SMAD5 axis. <i>Journal of Gene Medicine</i> , 2020, 22, e3162.	1.4	22
1241	A long non-coding apple RNA, MSTRG.85814.11, acts as a transcriptional enhancer of SAUR32 and contributes to the Fe deficiency response. <i>Plant Journal</i> , 2020, 103, 53-67.	2.8	42

#	ARTICLE	IF	CITATIONS
1242	Reducing Hypothalamic Stem Cell Senescence Protects against Aging-Associated Physiological Decline. <i>Cell Metabolism</i> , 2020, 31, 534-548.e5.	7.2	75
1243	Long noncoding RNA expression profiles during the NEL-like 1 protein-induced osteogenic differentiation. <i>Journal of Cellular Physiology</i> , 2020, 235, 6010-6022.	2.0	10
1244	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
1245	Cancer LncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis. <i>Communications Biology</i> , 2020, 3, 56.	2.0	140
1246	Emerging role of tumor-related functional peptides encoded by lncRNA and circRNA. <i>Molecular Cancer</i> , 2020, 19, 22.	7.9	330
1247	Role of long non-coding RNAs (LncRNAs) in multiple sclerosis: a brief review. <i>Neurological Sciences</i> , 2020, 41, 2443-2451.	0.9	7
1248	Long non-coding RNA colon cancer-associated transcript 1 regulates tumor cell proliferation and invasion of non-small cell lung cancer through suppressing miR-152. <i>Geriatrics and Gerontology International</i> , 2020, 20, 629-636.	0.7	6
1249	Potential Role of mRNAs and LncRNAs in Chronic Intermittent Hypoxia Exposure-Aggravated Atherosclerosis. <i>Frontiers in Genetics</i> , 2020, 11, 290.	1.1	9
1250	Potential Roles of Long Noncoding RNAs as Therapeutic Targets in Renal Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2698.	1.8	16
1251	Genome-wide identification of Arabidopsis long noncoding RNAs in response to the blue light. <i>Scientific Reports</i> , 2020, 10, 6229.	1.6	27
1252	Long non-coding RNA AK085865 ablation confers susceptibility to viral myocarditis by regulating macrophage polarization. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 5542-5554.	1.6	18
1253	LINC02535 co-functions with PCBP2 to regulate DNA damage repair in cervical cancer by stabilizing RRM1 mRNA. <i>Journal of Cellular Physiology</i> , 2020, 235, 7592-7603.	2.0	27
1254	Regulation of gene expression in <i>Toxoplasma gondii</i> . , 2020, , 941-982.		1
1256	Knockdown of lncRNA OGFRP1 Inhibits Proliferation and Invasion of JEG-3 Cells Via AKT/mTOR Pathway. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382090582.	0.8	5
1257	LncRNA-Malat1 is Involved in Lipotoxicity-Induced β -cell Dysfunction and the Therapeutic Effect of Exendin-4 via Ptp1. <i>Endocrinology</i> , 2020, 161, .	1.4	17
1258	Human cytomegalovirus long noncoding RNA4.9 regulates viral DNA replication. <i>PLoS Pathogens</i> , 2020, 16, e1008390.	2.1	31
1259	The T1D-associated lncRNA <i>lnc13</i> modulates human pancreatic β cell inflammation by allele-specific stabilization of <i>STAT1</i> mRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9022-9031.	3.3	43
1260	Hepatitis B Virus DNA Polymerase Restrains Viral Replication Through the CREB1/HOXA Distal Transcript Antisense RNA Homeobox A13 Axis. <i>Hepatology</i> , 2021, 73, 503-519.	3.6	16

#	ARTICLE	IF	CITATIONS
1261	The Downregulation of lncRNA <i>p5-as1</i> Inhibits the Proliferation and Metastasis Via Increasing miR-484 Expression in Colorectal Cancer. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2021, 36, 220-229.	0.7	9
1262	Exploring the binding mode of donepezil with calf thymus DNA using spectroscopic and molecular docking methods. <i>Luminescence</i> , 2021, 36, 35-44.	1.5	8
1263	SNHG10/DDX54/PBX3 Feedback Loop Contributes to Gastric Cancer Cell Growth. <i>Digestive Diseases and Sciences</i> , 2021, 66, 1875-1884.	1.1	18
1264	circ_0037128/miR-17-3p/AKT3 axis promotes the development of diabetic nephropathy. <i>Gene</i> , 2021, 765, 145076.	1.0	34
1265	Long non-coding RNAs and transposable elements: A functional relationship. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118837.	1.9	45
1266	Analysis of RNA-protein networks with RNP-MaP defines functional hubs on RNA. <i>Nature Biotechnology</i> , 2021, 39, 347-356.	9.4	50
1267	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
1268	Long noncoding RNAs: Potential therapeutic targets in cardiocerebrovascular diseases. , 2021, 221, 107744.		22
1269	Sirtuins' control of autophagy and mitophagy in cancer. , 2021, 221, 107748.		58
1270	Long noncoding RNA expression profiles in intermittent parathyroid hormone induced cementogenesis. <i>Genomics</i> , 2021, 113, 217-228.	1.3	1
1271	Panoramic transcriptome analysis and functional screening of long noncoding RNAs in mouse spermatogenesis. <i>Genome Research</i> , 2021, 31, 13-26.	2.4	23
1273	Long non-coding RNA XIST promotes the progression of esophageal squamous cell carcinoma through sponging miR-129-5p and upregulating CCND1 expression. <i>Cell Cycle</i> , 2021, 20, 39-53.	1.3	14
1274	LncAS2Cancer: a comprehensive database for alternative splicing of lncRNAs across human cancers. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	9
1275	EIF4A3-induced circular RNA ASAP1 promotes tumorigenesis and temozolomide resistance of glioblastoma via NRAS/MEK1/ERK1 ² signaling. <i>Neuro-Oncology</i> , 2021, 23, 611-624.	0.6	116
1276	Mechanisms of drug resistance mediated by long non-coding RNAs in non-small-cell lung cancer. <i>Cancer Gene Therapy</i> , 2021, 28, 175-187.	2.2	14
1277	Detection of Long Non-coding RNA Expression by Non-radioactive Northern Blots. <i>Methods in Molecular Biology</i> , 2021, 2372, 145-156.	0.4	1
1278	An in vivo screen of noncoding loci reveals that <i>Daedalus</i> is a gatekeeper of an Ikaros-dependent checkpoint during haematopoiesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	2
1279	Updated review on green tea polyphenol epigallocatechin-3-gallate as a cancer epigenetic regulator. <i>Seminars in Cancer Biology</i> , 2022, 83, 335-352.	4.3	28

#	ARTICLE	IF	CITATIONS
1280	TERRA Gene Expression in Gastric Cancer: Role of hTERT. <i>Journal of Gastrointestinal Cancer</i> , 2021, 52, 431-447.	0.6	6
1281	Endogenous promoter-driven sgRNA for monitoring the expression of low-abundance transcripts and lncRNAs. <i>Nature Cell Biology</i> , 2021, 23, 99-108.	4.6	14
1282	The crosstalk between m ⁶ A RNA methylation and other epigenetic regulators: a novel perspective in epigenetic remodeling. <i>Theranostics</i> , 2021, 11, 4549-4566.	4.6	57
1283	Long non-coding RNAs: novel players in the pathogenesis of polycystic ovary syndrome. <i>Annals of Translational Medicine</i> , 2021, 9, 173-173.	0.7	16
1284	Long Noncoding RNAs and Their Therapeutic Promise in Diabetic Nephropathy. <i>Nephron</i> , 2021, 145, 404-414.	0.9	15
1285	Biogenesis and Modes of Action of miRs and Circular and Long Non-coding RNAs. , 2021, , 1-19.		0
1286	GFI1-Mediated Upregulation of LINC00675 as a ceRNA Restrains Hepatocellular Carcinoma Metastasis by Sponging miR-942-5p. <i>Frontiers in Oncology</i> , 2020, 10, 607593.	1.3	5
1287	Long noncoding RNA IRL regulates NF- κ B-mediated immune responses through suppression of miR-27c-3p-dependent IRAK4 downregulation in teleost fish. <i>Journal of Biological Chemistry</i> , 2021, 296, 100304.	1.6	24
1288	Robustness and Evolvability in Transcriptional Regulation. , 2021, , 197-219.		1
1289	lncRNAs in development and differentiation: from sequence motifs to functional characterization. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	30
1290	Computational Approaches in Identifying Long Non-coding RNA. , 2021, , 487-505.		0
1291	The Clinical Prognostic Value of lncRNA SBF2-AS1 in Cancer Patients: A Meta-Analysis. <i>Technology in Cancer Research and Treatment</i> , 2021, 20, 153303382110049.	0.8	1
1292	Identification of human long noncoding RNAs associated with nonalcoholic fatty liver disease and metabolic homeostasis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	23
1293	lncRNA TINCR favors tumorigenesis via STAT3- κ B-TINCR-EGFR-feedback loop by recruiting DNMT1 and acting as a competing endogenous RNA in human breast cancer. <i>Cell Death and Disease</i> , 2021, 12, 83.	2.7	24
1294	Identification and analysis of short open reading frames (sORFs) in the initially annotated noncoding RNA LINC00493 from human cells. <i>Journal of Biochemistry</i> , 2021, 169, 421-434.	0.9	7
1295	Long non-coding RNA MALAT1 enhances the protective effect of dexmedetomidine on acute lung injury by sponging miR-135a-5p to downregulate the ratio of X-box binding proteins XBP-1S/XBP-1U. <i>Bioengineered</i> , 2021, 12, 6377-6389.	1.4	8
1296	Identification of unique long non-coding RNAs as putative biomarkers for chromophobe renal cell carcinoma. <i>Personalized Medicine</i> , 2021, 18, 9-19.	0.8	2
1297	Multifaceted Roles of Long Non-coding RNAs in Head and Neck Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1286, 107-114.	0.8	1

#	ARTICLE	IF	CITATIONS
1298	Genome-wide identification and functional analysis of lincRNAs in cucumber. , 2021, , 189-196.		0
1299	Long non-coding RNA VCAN-AS1 promotes the malignant behaviors of breast cancer by regulating the miR-106a-5p-mediated STAT3/HIF-1 α pathway. <i>Bioengineered</i> , 2021, 12, 5028-5044.	1.4	14
1300	LNCcation: lncRNA localization and function. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	621
1301	Research Review for Broad Learning System: Algorithms, Theory, and Applications. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 8922-8950.	6.2	87
1302	OUP accepted manuscript. Database: the Journal of Biological Databases and Curation, 2021, 2021, .	1.4	2
1303	Silencing of MEC3 attenuated the role of lipopolysaccharides by modulating the miR-93-5p/PTEN pathway in Leydig cells. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 33.	1.4	3
1304	Crosstalk of Long Non-coding RNAs and EMT: Searching the Missing Pieces of an Incomplete Puzzle for Lung Cancer Therapy. <i>Current Cancer Drug Targets</i> , 2021, 21, 640-665.	0.8	20
1305	A Mini-review of Computational Approaches to Predict Functions and Findings of Novel Micro Peptides. <i>Current Bioinformatics</i> , 2021, 15, 1027-1035.	0.7	2
1306	lncRNA FBXL19 α AS1 is a diagnosis biomarker for paediatric patients with acute myeloid leukemia. <i>Journal of Gene Medicine</i> , 2021, 23, e3317.	1.4	4
1307	The HIF-1 α antisense long non-coding RNA drives a positive feedback loop of HIF-1 α mediated transactivation and glycolysis. <i>Nature Communications</i> , 2021, 12, 1341.	5.8	91
1308	Analysis of Differentially Expressed Genes in Endothelial Cells Following Tumor Cell Adhesion, and the Role of PRKAA2 and miR-124-3p. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 604038.	1.8	7
1309	Association of lncRNA with regulatory molecular factors in brain and their role in the pathophysiology of schizophrenia. <i>Metabolic Brain Disease</i> , 2021, 36, 849-858.	1.4	14
1310	Statistical potentials for 3D structure evaluation: From proteins to RNAs*. <i>Chinese Physics B</i> , 2021, 30, 028705.	0.7	11
1311	One-shot analysis of translated mammalian lncRNAs with AHARIBO. <i>ELife</i> , 2021, 10, .	2.8	15
1312	Pathogenesis and prospects for therapeutic clinical application of noncoding RNAs in glaucoma: Systematic perspectives. <i>Journal of Cellular Physiology</i> , 2021, 236, 7097-7116.	2.0	13
1313	SNHG17/miR-384/ELF1 axis promotes cell growth by transcriptional regulation of CTNNB1 to activate Wnt/ β -catenin pathway in oral squamous cell carcinoma. <i>Cancer Gene Therapy</i> , 2022, 29, 122-132.	2.2	18
1314	Epigenetic regulation of retinal development. <i>Epigenetics and Chromatin</i> , 2021, 14, 11.	1.8	24
1315	Long non-coding RNA LINC01116 acts as an oncogene in prostate cancer cells through regulation of miR-744-5p/UBE2L3 axis. <i>Cancer Cell International</i> , 2021, 21, 168.	1.8	7

#	ARTICLE	IF	CITATIONS
1316	Investigation of the putative role of antisense transcripts as regulators of sense transcripts by correlation analysis of sense-antisense pairs in colorectal cancers. <i>FASEB Journal</i> , 2021, 35, e21482.	0.2	3
1317	Long non-coding RNA NEAT1 regulates endothelial functions in subclinical hypothyroidism through miR-126/TRAF7 pathway. <i>Human Cell</i> , 2021, 34, 825-835.	1.2	6
1318	The Roles of MicroRNAs in Male Infertility. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2910.	1.8	27
1319	Unveiling the long non-coding RNA profile of porcine reproductive and respiratory syndrome virus-infected porcine alveolar macrophages. <i>BMC Genomics</i> , 2021, 22, 177.	1.2	11
1320	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
1321	Construction and validation of an autophagy-related long noncoding RNA signature for prognosis prediction in kidney renal clear cell carcinoma patients. <i>Cancer Medicine</i> , 2021, 10, 2359-2369.	1.3	13
1322	Long, Noncoding RNA Dysregulation in Glioblastoma. <i>Cancers</i> , 2021, 13, 1604.	1.7	18
1323	Localization of RNAs in the nucleus: <i>cis</i> - and <i>trans</i> -regulation. <i>RNA Biology</i> , 2021, 18, 2073-2086.	1.5	10
1324	Cardiac Aging: From Basic Research to Therapeutics. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	34
1325	Long non-coding RNA ZEB1-AS1 promotes proliferation and metastasis of hepatocellular carcinoma cells by targeting miR-299-3p/E2F1 axis. <i>Journal of Biochemistry</i> , 2021, 170, 41-50.	0.9	8
1326	The role of miRNA, lncRNA and circRNA in the development of intervertebral disk degeneration (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 555.	0.8	10
1327	lnc(ing)RNAs to the "shock and kill" strategy for HIV-1 cure. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 1272-1280.	2.3	17
1329	Identification of autophagy-related long non-coding RNA prognostic signature for breast cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 4088-4098.	1.6	31
1330	lncRNA SNHG11 Promotes Gastric Cancer Progression by Activating the Wnt/ β 2-Catenin Pathway and Oncogenic Autophagy. <i>Molecular Therapy</i> , 2021, 29, 1258-1278.	3.7	112
1331	Long non-coding RNA-based glycolysis-targeted cancer therapy: feasibility, progression and limitations. <i>Molecular Biology Reports</i> , 2021, 48, 2713-2727.	1.0	18
1332	Functional annotation of lncRNA in high-throughput screening. <i>Essays in Biochemistry</i> , 2021, 65, 761-773.	2.1	14
1333	lncRNA-FKBP1C regulates muscle fiber type switching by affecting the stability of MYH1B. <i>Cell Death Discovery</i> , 2021, 7, 73.	2.0	20
1334	The Regulatory Mechanism of Sexual Development in Decapod Crustaceans. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	26

#	ARTICLE	IF	CITATIONS
1335	Dysregulations of long non-coding RNAs in The emerging role of lncRNAs in environmental carcinogenesis. <i>Seminars in Cancer Biology</i> , 2021, 76, 163-172.	4.3	26
1336	An Immune-Related lncRNA Expression Profile to Improve Prognosis Prediction for Lung Adenocarcinoma: From Bioinformatics to Clinical Word. <i>Frontiers in Oncology</i> , 2021, 11, 671341.	1.3	10
1337	Recent Advances of MicroRNAs, Long Non-coding RNAs, and Circular RNAs in Preeclampsia. <i>Frontiers in Physiology</i> , 2021, 12, 659638.	1.3	12
1338	Association of lncRNA PRNCR1 polymorphisms with cancer susceptibility: a meta-analysis of the current literature. <i>Journal of Genetics</i> , 2021, 100, 1.	0.4	4
1339	The regulation mechanisms and the Lamarckian inheritance property of DNA methylation in animals. <i>Mammalian Genome</i> , 2021, 32, 135-152.	1.0	2
1340	Photoperiod induced the pituitary differential regulation of lncRNAs and mRNAs related to reproduction in sheep. <i>PeerJ</i> , 2021, 9, e10953.	0.9	12
1341	Sex-Biased lncRNA Signature in Fetal Growth Restriction (FGR). <i>Cells</i> , 2021, 10, 921.	1.8	5
1342	An Overview on Identification and Regulatory Mechanisms of Long Non-coding RNAs in Fungi. <i>Frontiers in Microbiology</i> , 2021, 12, 638617.	1.5	12
1343	The Functional Role of Long Non-coding RNA UCA1 in Human Multiple Cancers: a Review Study. <i>Current Molecular Medicine</i> , 2021, 21, 96-110.	0.6	19
1344	Long Noncoding RNA Expression Profiles of Periodontal Ligament Stem Cells from the Periodontitis Microenvironment in Response to Static Mechanical Strain. <i>Stem Cells International</i> , 2021, 2021, 1-14.	1.2	6
1345	Genome-wide analysis of long noncoding RNA expression profile in nasal mucosa with allergic rhinitis. <i>BMC Medical Genomics</i> , 2021, 14, 100.	0.7	5
1346	Conserved long-range base pairings are associated with pre-mRNA processing of human genes. <i>Nature Communications</i> , 2021, 12, 2300.	5.8	27
1347	Long non-coding RNA TMPO-AS1 facilitates chemoresistance and invasion in breast cancer by modulating the miR-1179/TRIM37 axis. <i>Oncology Letters</i> , 2021, 22, 500.	0.8	14
1348	Cancer lncRNA Census 2 (CLC2): an enhanced resource reveals clinical features of cancer lncRNAs. <i>NAR Cancer</i> , 2021, 3, zcab013.	1.6	21
1349	Aging-associated lncRNAs are evolutionarily conserved and participate in NF- κ B signaling. <i>Nature Aging</i> , 2021, 1, 438-453.	5.3	15
1350	Integrated Analysis of Long Noncoding RNA Expression Profiles in Acute-on-Chronic Liver Failure. <i>BioMed Research International</i> , 2021, 2021, 1-13.	0.9	2
1351	What can clinical immunology learn from inborn errors of epigenetic regulators?. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1602-1618.	1.5	8
1352	Analysis of the Non-Specific Binding Proteins in the RNA Pull-Down Experiment. <i>Current Proteomics</i> , 2021, 18, 224-230.	0.1	1

#	ARTICLE	IF	CITATIONS
1353	Long noncoding RNA DATOC-1 that associate with DICER promotes development in epithelial ovarian cancer by upregulating miR-7 expression. <i>Translational Cancer Research</i> , 2021, 10, 2379-2388.	0.4	1
1354	Long non-coding RNA LINC01559 serves as a competing endogenous RNA accelerating triple-negative breast cancer progression. <i>Biomedical Journal</i> , 2022, 45, 512-521.	1.4	9
1355	Arginine Metabolism and Its Potential in Treatment of Colorectal Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 658861.	1.8	21
1356	Role of long noncoding RNA taurine-upregulated gene 1 in cancers. <i>Molecular Medicine</i> , 2021, 27, 51.	1.9	15
1357	Emerging Mechanisms and Treatment Progress on Liver Metastasis of Colorectal Cancer. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 3013-3036.	1.0	10
1358	The Upregulation of a Novel Long Noncoding RNA AK097647 Promotes Enterovirus 71 Replication and Decreases IFN- γ 1 Secretion. <i>Intervirolgy</i> , 2021, 64, 147-155.	1.2	3
1359	LINC00460 promotes pancreatic cancer progression by sponging miR-491-5p. <i>Journal of Gene Medicine</i> , 2021, 23, e3333.	1.4	9
1360	Long non-coding RNAs regulate the hallmarks of cancer in HPV-induced malignancies. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 161, 103310.	2.0	3
1361	Capsule-LPI: a LncRNA-protein interaction predicting tool based on a capsule network. <i>BMC Bioinformatics</i> , 2021, 22, 246.	1.2	26
1362	LncRNA NKILA knockdown promotes cell viability and represses cell apoptosis, autophagy and inflammation in lipopolysaccharide-induced sepsis model by regulating miR-140-5p/CLDN2 axis. <i>Biochemical and Biophysical Research Communications</i> , 2021, 559, 8-14.	1.0	15
1363	Macrophages induce the expression of lncRNA ATB via the secretion of TGF- β 2 to relieve ischemia-reperfusion injury in cardiomyocytes. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 910.	0.8	0
1364	NF- κ B-activated SPRY4-IT1 promotes cancer cell metastasis by downregulating TCEB1 mRNA via Staufen1-mediated mRNA decay. <i>Oncogene</i> , 2021, 40, 4919-4929.	2.6	15
1365	OLIG2 regulates lncRNAs and its own expression during oligodendrocyte lineage formation. <i>BMC Biology</i> , 2021, 19, 132.	1.7	11
1366	Based on bioinformatics analysis lncrna SNHG5 modulates the function of vascular smooth muscle cells through miR-205-5p/SMAD4 in abdominal aortic aneurysm. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 1306-1320.	1.3	8
1367	BiGAN: LncRNA-disease association prediction based on bidirectional generative adversarial network. <i>BMC Bioinformatics</i> , 2021, 22, 357.	1.2	30
1368	Brain Long Noncoding RNAs: Multitask Regulators of Neuronal Differentiation and Function. <i>Molecules</i> , 2021, 26, 3951.	1.7	5
1369	Angiogenesis-related non-coding RNAs and gastrointestinal cancer. <i>Molecular Therapy - Oncolytics</i> , 2021, 21, 220-241.	2.0	34
1370	Profiling and Molecular Mechanism Analysis of Long Non-Coding RNAs and mRNAs in Pulmonary Arterial Hypertension Rat Models. <i>Frontiers in Pharmacology</i> , 2021, 12, 709816.	1.6	8

#	ARTICLE	IF	CITATIONS
1371	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
1372	Noncoding RNA therapeutics – challenges and potential solutions. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 629-651.	21.5	749
1373	A Ferroptosis-Related lncRNAs Signature Predicts Prognosis and Immune Microenvironment for Breast Cancer. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 678877.	1.6	43
1374	The emerging regulatory roles of long non-coding RNAs implicated in cancer metabolism. <i>Molecular Therapy</i> , 2021, 29, 2209-2218.	3.7	36
1375	miR-4293 upregulates lncRNA WFDC21P by suppressing mRNA-decapping enzyme 2 to promote lung carcinoma proliferation. <i>Cell Death and Disease</i> , 2021, 12, 735.	2.7	19
1376	lncRNA LINC01088 inhibits the function of trophoblast cells, activates the MAPK signaling pathway and associates with recurrent pregnancy loss. <i>Molecular Human Reproduction</i> , 2021, 27, .	1.3	9
1377	Clinical and molecular relevance of genetic variants in the non-coding transcriptome of patients with cytogenetically normal acute myeloid leukemia. <i>Haematologica</i> , 2022, 107, 1034-1044.	1.7	4
1378	Melatonin inhibits triple-negative breast cancer progression through the lnc049808-FUNDC1 pathway. <i>Cell Death and Disease</i> , 2021, 12, 712.	2.7	18
1379	TGF-Beta as a Master Regulator of Diabetic Nephropathy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7881.	1.8	59
1380	Analysis of ceRNA network of differentially expressed genes in FaDu cell line and a cisplatin-resistant line derived from it. <i>PeerJ</i> , 2021, 9, e11645.	0.9	3
1381	LINC01272 Suppressed Cell Multiplication and Induced Apoptosis Via Regulating MiR-7-5p/CRLS1 Axis in Lung Cancer. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 921-932.	0.9	10
1382	Non-Coding RNAs and Splicing Activity in Testicular Germ Cell Tumors. <i>Life</i> , 2021, 11, 736.	1.1	6
1383	Cancer-associated fibroblast-derived CCL5 contributes to cisplatin resistance in A549 NSCLC cells partially through upregulation of lncRNA HOTAIR expression. <i>Oncology Letters</i> , 2021, 22, 696.	0.8	17
1384	Cerebellar Long Noncoding RNA Expression Profile in a Niemann-Pick C Disease Mouse Model. <i>Molecular Neurobiology</i> , 2021, 58, 5826-5836.	1.9	5
1385	lncRNA expression profile analysis of Mg ²⁺ -induced osteogenesis by RNA-seq and bioinformatics. <i>Genes and Genomics</i> , 2021, 43, 1247-1257.	0.5	3
1386	lncRNA MAGI2-AS3 Exerts Antioncogenic Roles in Hepatocellular Carcinoma via Regulating the miR-519c-3p/TXNIP Axis. <i>Journal of Oncology</i> , 2021, 2021, 1-11.	0.6	5
1387	A Somatic Mutation-Derived lncRNA Signature of Genomic Instability Predicts Prognosis for Patients With Liver Cancer. <i>Frontiers in Surgery</i> , 2021, 8, 724792.	0.6	1
1388	Hypothalamic long noncoding RNA AK044061 is involved in the development of dietary obesity in mice. <i>International Journal of Obesity</i> , 2021, 45, 2638-2647.	1.6	4

#	ARTICLE	IF	CITATIONS
1390	The Role of Epigenetic Factors in Psoriasis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9294.	1.8	50
1391	Molecular mechanisms of the microRNA-132 during tumor progressions. <i>Cancer Cell International</i> , 2021, 21, 439.	1.8	23
1392	PTCSC3-mediated glycolysis suppresses thyroid cancer progression via interfering with PGK1 degradation. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8454-8463.	1.6	9
1393	Differential expression of long non-coding RNAs in the hippocampus of mice exposed to PM2.5 in Dalian, China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 12136-12146.	2.7	5
1394	Recent advances in tuning the expression and regulation of genes for constructing microbial cell factories. <i>Biotechnology Advances</i> , 2021, 50, 107767.	6.0	20
1395	Role of lncRNAs in the Development of an Aggressive Phenotype in Gallbladder Cancer. <i>Journal of Clinical Medicine</i> , 2021, 10, 4206.	1.0	6
1396	Effect of Aberrant Long Noncoding RNA on the Prognosis of Clear Cell Renal Cell Carcinoma. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-12.	0.7	2
1397	Prognostic Role of ceRNA Network in Immune Infiltration of Hepatocellular Carcinoma. <i>Frontiers in Genetics</i> , 2021, 12, 739975.	1.1	7
1398	Long noncoding RNA HOTAIR functions as ceRNA to regulate MMP2 in paraquat induced lung epithelial-mesenchymal transition. <i>Toxicology</i> , 2021, 461, 152891.	2.0	7
1399	Modulation of Colorectal Tumor Behavior via lncRNA TP53TG1-Lipidic Nanosystem. <i>Pharmaceutics</i> , 2021, 13, 1507.	2.0	4
1400	The Functional Role of Long Non-Coding RNAs in Melanoma. <i>Cancers</i> , 2021, 13, 4848.	1.7	11
1401	Far from the nuclear crowd: Cytoplasmic lncRNA and their implications in synaptic plasticity and memory. <i>Neurobiology of Learning and Memory</i> , 2021, 185, 107522.	1.0	10
1402	The lncRNA <i>VPS9D1-AS1</i> Promotes Hepatocellular Carcinoma Cell Cycle Progression by Regulating the HuR/CDK4 Axis. <i>DNA and Cell Biology</i> , 2021, 40, 1278-1289.	0.9	8
1403	Characterization of the Testis-specific <i>LINC01016</i> Gene Reveals Isoform-specific Roles in Controlling Biological Processes. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab153.	0.1	1
1404	Heterogeneous graph attention network based on meta-paths for lncRNA-disease association prediction. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	25
1405	The Role of Long Non-Coding RNA and microRNA Networks in Hepatocellular Carcinoma and Its Tumor Microenvironment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10630.	1.8	14
1406	The Roles of lncRNA in Myocardial Infarction: Molecular Mechanisms, Diagnosis Biomarkers, and Therapeutic Perspectives. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 680713.	1.8	29
1407	Long non-coding RNAs and circular RNAs in tumor angiogenesis: From mechanisms to clinical significance. <i>Molecular Therapy - Oncolytics</i> , 2021, 22, 336-354.	2.0	14

#	ARTICLE	IF	CITATIONS
1408	Noncoding RNA crosstalk in brain health and diseases. <i>Neurochemistry International</i> , 2021, 149, 105139.	1.9	27
1409	Identification of inflammation related lncRNAs and Gm33647 as a potential regulator in septic acute lung injury. <i>Life Sciences</i> , 2021, 282, 119814.	2.0	3
1410	Multiple targets identified with genome wide profiling of small RNA and mRNA expression are linked to fracture healing in mice. <i>Bone Reports</i> , 2021, 15, 101115.	0.2	3
1411	Role of PVT1 polymorphisms in the glioma susceptibility and prognosis. <i>European Journal of Cancer Prevention</i> , 2021, 30, 400-408.	0.6	4
1412	Characterization of Long Non-coding RNA Associated Proteins by RNA-Immunoprecipitation. <i>Methods in Molecular Biology</i> , 2021, 2372, 19-26.	0.4	0
1413	Epigenetic regulation of Wnt7b expression by the cis-acting long noncoding RNA Lnc-Rewind in muscle stem cells. <i>ELife</i> , 2021, 10, .	2.8	23
1414	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
1415	LncRNA NBR2 inhibits tumorigenesis by regulating autophagy in hepatocellular carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111023.	2.5	46
1416	Long non-coding RNA MSC-AS1 facilitates the proliferation and glycolysis of gastric cancer cells by regulating PFKFB3 expression. <i>International Journal of Medical Sciences</i> , 2021, 18, 546-554.	1.1	18
1417	The Functions and Unique Features of LncRNAs in Cancer Development and Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 632.	1.8	108
1418	LncRNAs as Regulators of Autophagy and Drug Resistance in Colorectal Cancer. <i>Frontiers in Oncology</i> , 0, 9, .	1.3	1
1419	Classification of Long Noncoding RNAs by k-mer Content. <i>Methods in Molecular Biology</i> , 2021, 2254, 41-60.	0.4	15
1420	Unraveling the Complex Network of Interactions Between Noncoding RNAs and Epigenetics in Cancer. , 2014, , 125-148.		2
1421	Regulation of Eukaryotic Cell Differentiation by Long Non-coding RNAs. , 2013, , 15-67.		4
1422	Roles of Long Non-coding RNAs in X-Chromosome Inactivation. , 2013, , 69-94.		2
1423	Methods for the Study of Long Noncoding RNA in Cancer Cell Signaling. <i>Methods in Molecular Biology</i> , 2014, 1165, 115-143.	0.4	42
1424	Antisense Oligonucleotide-Based Therapies for Diseases Caused by pre-mRNA Processing Defects. <i>Advances in Experimental Medicine and Biology</i> , 2014, 825, 303-352.	0.8	60
1425	In Situ Dissection of RNA Functional Subunits by Domain-Specific Chromatin Isolation by RNA Purification (dChIRP). <i>Methods in Molecular Biology</i> , 2015, 1262, 199-213.	0.4	16

#	ARTICLE	IF	CITATIONS
1426	Characterization of Long Noncoding RNA-Associated Proteins by RNA-Immunoprecipitation. <i>Methods in Molecular Biology</i> , 2016, 1402, 19-26.	0.4	16
1427	Aging and IPF: What Is the Link?. , 2014, , 259-279.		1
1428	Quantitative Polyadenylation Site Mapping with Single-Molecule Direct RNA Sequencing. <i>Methods in Molecular Biology</i> , 2014, 1125, 145-155.	0.4	7
1429	Diverging lncRNAs: Toward Understanding lncRNA-Protein Interactions and Functions. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1203, 285-312.	0.8	14
1430	Retrotransposon-Driven Transcription and Cancer. , 2017, , 259-273.		4
1433	Long Noncoding RNAs: Critical Regulators for Cell Lineage Commitment in the Central Nervous System. <i>Translational Bioinformatics</i> , 2016, , 73-97.	0.0	3
1434	Non-coding RNAs: ever-expanding diversity of types and functions. , 2020, , 5-57.		12
1435	The role of a lncRNA (TCONS_00044595) in regulating pineal CLOCK expression after neonatal hypoxia-induced ischemia brain injury. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 1-6.	1.0	11
1436	lncRNA GSEC promotes the proliferation, migration and invasion by sponging miR-588/ EIF5A2 axis in osteosarcoma. <i>Biochemical and Biophysical Research Communications</i> , 2020, 532, 300-307.	1.0	15
1437	Inferring lncRNA-disease associations based on graph autoencoder matrix completion. <i>Computational Biology and Chemistry</i> , 2020, 87, 107282.	1.1	40
1438	ZFPM2-AS1 facilitates cell growth in esophageal squamous cell carcinoma via up-regulating TRAF4. <i>Bioscience Reports</i> , 2020, 40, .	1.1	22
1439	Attentional multi-level representation encoding based on convolutional and variance autoencoders for lncRNA-disease association prediction. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	38
1452	Long noncoding RNA <i>ANRIL</i> promotes the malignant progression of cholangiocarcinoma by epigenetically repressing <i>ERRF1</i> expression. <i>Cancer Science</i> , 2020, 111, 2297-2309.	1.7	20
1454	Development and Validation of a Nine-Redox-Related Long Noncoding RNA Signature in Renal Clear Cell Carcinoma. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-30.	1.9	45
1455	“Snorkeling” for missing players in cancer. <i>Journal of Clinical Investigation</i> , 2012, 122, 2765-2768.	3.9	16
1456	Non-coding RNAs in muscle differentiation and musculoskeletal disease. <i>Journal of Clinical Investigation</i> , 2016, 126, 2021-2030.	3.9	75
1459	Aberrant Expression of Long Non-Coding RNAs in Schizophrenia Patients. <i>Medical Science Monitor</i> , 2016, 22, 3340-3351.	0.5	37
1460	A Tumor-Specific Prognostic Long Non-Coding RNA Signature in Gastric Cancer. <i>Medical Science Monitor</i> , 2016, 22, 3647-3657.	0.5	35

#	ARTICLE	IF	CITATIONS
1461	Higher Expression of Linc00152 Promotes Bladder Cancer Proliferation and Metastasis by Activating the Wnt/ β -Catenin Signaling Pathway. <i>Medical Science Monitor</i> , 2019, 25, 3221-3230.	0.5	14
1462	Knockdown of Long Noncoding RNA (lncRNA) AK094457 Relieved Angiotensin II Induced Vascular Endothelial Cell Injury. <i>Medical Science Monitor</i> , 2020, 26, e919854.	0.5	10
1463	Long Non-Coding RNA (lncRNA) NEAT1 Aggravates Cerebral Ischemia-Reperfusion Injury by Suppressing the Inhibitory Effect of miR-214 on PTEN. <i>Medical Science Monitor</i> , 2020, 26, e924781.	0.5	11
1464	Comprehensive Identification of Long Non-coding RNAs in Purified Cell Types from the Brain Reveals Functional lncRNA in OPC Fate Determination. <i>PLoS Genetics</i> , 2015, 11, e1005669.	1.5	82
1465	RNA-Seq Profiling of Spinal Cord Motor Neurons from a Presymptomatic SOD1 ALS Mouse. <i>PLoS ONE</i> , 2013, 8, e53575.	1.1	62
1466	The RNA Degradation Pathway Regulates the Function of GAS5 a Non-Coding RNA in Mammalian Cells. <i>PLoS ONE</i> , 2013, 8, e55684.	1.1	149
1467	Sequence and Expression Characteristics of Long Noncoding RNAs in Honey Bee Caste Development – Potential Novel Regulators for Transgressive Ovary Size. <i>PLoS ONE</i> , 2013, 8, e78915.	1.1	69
1468	A Polymorphism rs12325489C>T in the lincRNA-ENST00000515084 Exon Was Found to Modulate Breast Cancer Risk via GWAS-Based Association Analyses. <i>PLoS ONE</i> , 2014, 9, e98251.	1.1	36
1469	Long Non-Coding RNAs Differentially Expressed between Normal versus Primary Breast Tumor Tissues Disclose Converse Changes to Breast Cancer-Related Protein-Coding Genes. <i>PLoS ONE</i> , 2014, 9, e106076.	1.1	35
1470	zflncRNApedia: A Comprehensive Online Resource for Zebrafish Long Non-Coding RNAs. <i>PLoS ONE</i> , 2015, 10, e0129997.	1.1	24
1471	Genome-Wide Discovery of Long Non-Coding RNAs in Rainbow Trout. <i>PLoS ONE</i> , 2016, 11, e0148940.	1.1	93
1472	Quantitative Assessment of the Polymorphisms in the HOTAIR lncRNA and Cancer Risk: A Meta-Analysis of 8 Case-Control Studies. <i>PLoS ONE</i> , 2016, 11, e0152296.	1.1	21
1473	lncRNApred: Classification of Long Non-Coding RNAs and Protein-Coding Transcripts by the Ensemble Algorithm with a New Hybrid Feature. <i>PLoS ONE</i> , 2016, 11, e0154567.	1.1	51
1474	Meta-Analysis of Parkinson's Disease Transcriptome Data Using TRAM Software: Whole Substantia Nigra Tissue and Single Dopamine Neuron Differential Gene Expression. <i>PLoS ONE</i> , 2016, 11, e0161567.	1.1	71
1475	Integrated analysis of long non-coding RNAs in human gastric cancer: An in silico study. <i>PLoS ONE</i> , 2017, 12, e0183517.	1.1	7
1476	Long noncoding RNA profiling revealed differentially expressed lncRNAs associated with disease activity in PBMCs from patients with rheumatoid arthritis. <i>PLoS ONE</i> , 2017, 12, e0186795.	1.1	58
1477	Differential plasma exosomal long non-coding RNAs expression profiles and their emerging role in E-cigarette users, cigarette, waterpipe, and dual smokers. <i>PLoS ONE</i> , 2020, 15, e0243065.	1.1	17
1478	Interplay of long non-coding RNAs and TGF/SMAD signaling in different cancers. <i>Cellular and Molecular Biology</i> , 2019, 64, 1-6.	0.3	12

#	ARTICLE	IF	CITATIONS
1479	Decreased FENRR and LincRNA-p21 expression in atherosclerotic plaque. <i>Anatolian Journal of Cardiology</i> , 2018, 19, 131-136.	0.5	17
1480	Brain Region-Specific Gene Signatures Revealed by Distinct Astrocyte Subpopulations Unveil Links to Glioma and Neurodegenerative Diseases. <i>ENeuro</i> , 2019, 6, ENEURO.0288-18.2019.	0.9	31
1481	lncRNA involvement in hepatocellular carcinoma metastasis and prognosis. <i>EXCLI Journal</i> , 2018, 17, 900-913.	0.5	105
1482	Circ_0006332 promotes growth and progression of bladder cancer by modulating MYBL2 expression via miR-143. <i>Aging</i> , 2019, 11, 10626-10643.	1.4	20
1483	Long noncoding RNA lnc-LOC645166 promotes adriamycin resistance via NF- κ B/GATA3 axis in breast cancer. <i>Aging</i> , 2020, 12, 8893-8912.	1.4	16
1484	Ultraconserved element uc.333 increases insulin sensitivity by binding to miR-223. <i>Aging</i> , 2020, 12, 6667-6679.	1.4	12
1485	An autophagy-related long non-coding RNA prognostic signature accurately predicts survival outcomes in bladder urothelial carcinoma patients. <i>Aging</i> , 2020, 12, 15624-15637.	1.4	78
1486	miRNA-122-5p stimulates the proliferation and DNA synthesis and inhibits the early apoptosis of human spermatogonial stem cells by targeting CBL and competing with lncRNA CASC7. <i>Aging</i> , 2020, 12, 25528-25546.	1.4	28
1487	Large intergenic non-coding RNA-ROR reverses gemcitabine-induced autophagy and apoptosis in breast cancer cells. <i>Oncotarget</i> , 2016, 7, 59604-59617.	0.8	47
1488	lncRNAs act as prognostic and diagnostic biomarkers in renal cell carcinoma: a systematic review and meta-analysis. <i>Oncotarget</i> , 2016, 7, 74325-74336.	0.8	34
1489	The role of long non-coding RNAs in nasopharyngeal carcinoma: As systemic review. <i>Oncotarget</i> , 2017, 8, 16075-16083.	0.8	36
1490	Predictive analysis of long non-coding RNA expression profiles in diffuse large B-cell lymphoma. <i>Oncotarget</i> , 2017, 8, 23228-23236.	0.8	20
1491	The combination of circulating long noncoding RNAs AK001058, INHBA-AS1, MIR4435-2HG, and CEBPA-AS1 fragments in plasma serve as diagnostic markers for gastric cancer. <i>Oncotarget</i> , 2017, 8, 21516-21525.	0.8	72
1492	lncRNA <i>OIP5-AS1/cyran</i> suppresses GAK expression to control mitosis. <i>Oncotarget</i> , 2017, 8, 49409-49420.	0.8	34
1493	The prognostic value of long noncoding RNAs in prostate cancer: a systematic review and meta-analysis. <i>Oncotarget</i> , 2017, 8, 57755-57765.	0.8	18
1494	Reciprocal regulation of DGCR5 and miR-320a affects the cellular malignant phenotype and 5-FU response in pancreatic ductal adenocarcinoma. <i>Oncotarget</i> , 2017, 8, 90868-90878.	0.8	26
1495	Differential gene and lncRNA expression in the lower thoracic spinal cord following ischemia/reperfusion-induced acute kidney injury in rats. <i>Oncotarget</i> , 2017, 8, 53465-53481.	0.8	16
1496	Genetic polymorphisms of non-coding RNAs associated with increased head and neck cancer susceptibility: a systematic review and meta-analysis. <i>Oncotarget</i> , 2017, 8, 62508-62523.	0.8	20

#	ARTICLE	IF	CITATIONS
1497	LncRNA PVT1 as an effective biomarker for cancer diagnosis and detection based on transcriptome data and meta-analysis. <i>Oncotarget</i> , 2017, 8, 75455-75466.	0.8	21
1498	Upregulation of long noncoding RNA Xist promotes proliferation of osteosarcoma by epigenetic silencing of P21. <i>Oncotarget</i> , 2017, 8, 101406-101417.	0.8	26
1499	The long non-coding RNA <i>PARTICLE</i> is associated with <i>WWOX</i> and the absence of FRA16D breakage in osteosarcoma patients. <i>Oncotarget</i> , 2017, 8, 87431-87441.	0.8	8
1500	MiR-129 blocks estrogen induction of NOTCH signaling activity in breast cancer stem-like cells. <i>Oncotarget</i> , 2017, 8, 103261-103273.	0.8	19
1501	Long noncoding RNA PVT1 inhibits renal cancer cell apoptosis by up-regulating Mcl-1. <i>Oncotarget</i> , 2017, 8, 101865-101875.	0.8	30
1502	Comprehensive identification of long noncoding RNAs in colorectal cancer. <i>Oncotarget</i> , 2018, 9, 27605-27629.	0.8	16
1503	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
1504	Integrated analysis of long non-coding RNAs in human colorectal cancer. <i>Oncotarget</i> , 2016, 7, 23897-23908.	0.8	33
1505	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
1506	Tobacco, air pollution, environmental carcinogenesis, and thoughts on conquering strategies of lung cancer. <i>Cancer Biology and Medicine</i> , 2019, 16, 700-713.	1.4	33
1507	PlncRNADB: A Repository of Plant lncRNAs and lncRNA-RBP Protein Interactions. <i>Current Bioinformatics</i> , 2019, 14, 621-627.	0.7	24
1508	Integrative Analysis of lncRNAs in Kidney Cancer to Discover A New lncRNA () as A Therapeutic Target for Staphylococcal Enterotoxin Gene. <i>Cell Journal</i> , 2020, 22, 101-109.	0.2	9
1509	Association between Long Noncoding RNA ANRIL Expression Variants and Susceptibility to Coronary Artery Disease. <i>International Journal of Molecular and Cellular Medicine</i> , 2018, 7, 1-7.	1.1	25
1510	Prediction of Long Non-Coding RNAs Based on RNA-Seq*. <i>Progress in Biochemistry and Biophysics</i> , 2013, 39, 1156-1166.	0.3	3
1511	Long Noncoding RNA LINC00261 Suppresses Cell Proliferation and Invasion and Promotes Cell Apoptosis in Human Choriocarcinoma. <i>Oncology Research</i> , 2017, 25, 733-742.	0.6	44
1512	Metastasis-associated long noncoding RNAs in gastrointestinal cancer: Implications for novel biomarkers and therapeutic targets. <i>World Journal of Gastroenterology</i> , 2016, 22, 8735.	1.4	9
1513	Differential long non-coding RNA expression profiles in the peripheral blood and CD4+ T cells of patients with active rheumatoid arthritis. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 461-471.	0.8	10
1514	Long non-coding RNA H19 regulates Bcl-2, Bax and phospholipid hydroperoxide glutathione peroxidase expression in spontaneous abortion. <i>Experimental and Therapeutic Medicine</i> , 2020, 21, 41.	0.8	16

#	ARTICLE	IF	CITATIONS
1515	Long noncoding RNA TUG1 promotes renal cell carcinoma cell proliferation, migration and invasion by downregulating microRNA-196a. <i>Molecular Medicine Reports</i> , 2018, 18, 5791-5798.	1.1	17
1516	Long non-coding RNA Fer-1-like family member 4 suppresses hepatocellular carcinoma cell proliferation by regulating PTEN <i>in vitro</i> and <i>in vivo</i> . <i>Molecular Medicine Reports</i> , 2019, 19, 685-692.	1.1	10
1517	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
1518	Long non-coding RNA expression profiling following treatment with resveratrol to improve insulin resistance. <i>Molecular Medicine Reports</i> , 2020, 22, 1303-1316.	1.1	8
1519	Potential role of lncRNA HULC/miR-128-3p/RAC1 axis in the inflammatory response during LPS-induced sepsis in HMEC-1 cells. <i>Molecular Medicine Reports</i> , 2020, 22, 5095-5104.	1.1	12
1520	Significant function and research progress of biomarkers in gastric cancer (Review). <i>Oncology Letters</i> , 2020, 19, 17-29.	0.8	26
1521	Long non-coding RNA RFPL3S is a novel prognostic biomarker in lung cancer. <i>Oncology Letters</i> , 2020, 20, 1270-1280.	0.8	4
1522	Bioinformatics analysis of aberrantly expressed exosomal lncRNAs in oral squamous cell carcinoma (CAL-27 vs. oral epithelial) cells. <i>Oncology Letters</i> , 2020, 20, 2378-2386.	0.8	1
1523	The epigenetic landscape of innate immunity. <i>AIMS Molecular Science</i> , 2017, 4, 110-139.	0.3	2
1524	Long non-coding RNAs era in liver cancer. <i>World Journal of Hepatology</i> , 2015, 7, 1971.	0.8	32
1525	Regulation of the mRNA half-life in breast cancer. <i>World Journal of Clinical Oncology</i> , 2014, 5, 323.	0.9	25
1526	Long Non-coding RNAs are Differentially Expressed in Hepatocellular Carcinoma Cell Lines with Differing Metastatic Potential. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 15, 10513-10524.	0.5	30
1527	Long non-coding RNAs as a source of new peptides. <i>ELife</i> , 2014, 3, e03523.	2.8	451
1528	The mlpt/Ubr3/Svb module comprises an ancient developmental switch for embryonic patterning. <i>ELife</i> , 2019, 8, .	2.8	19
1529	lnc-SAMD14-4 can regulate expression of the COL1A1 and COL1A2 in human chondrocytes. <i>PeerJ</i> , 2019, 7, e7491.	0.9	13
1530	Silencing of lncRNA AFAP1-AS1 Inhibits Cell Proliferation in Oral Squamous Cancer by Suppressing CCNA2. <i>Cancer Management and Research</i> , 2021, Volume 13, 7897-7908.	0.9	4
1531	Insights into Enhancer RNAs: Biogenesis and Emerging Role in Brain Diseases. <i>Neuroscientist</i> , 2023, 29, 166-176.	2.6	4
1532	The Emerging Roles of Long Noncoding RNAs as Hallmarks of Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 761582.	1.3	9

#	ARTICLE	IF	CITATIONS
1533	DCP1A is an unfavorable prognostic-related enhancer RNA in hepatocellular carcinoma. <i>Aging</i> , 2021, 13, 23020-23035.	1.4	6
1534	Aberrant H19 Expression Disrupts Ovarian Cyp17 and Testosterone Production and Is Associated with Polycystic Ovary Syndrome in Women. <i>Reproductive Sciences</i> , 2022, 29, 1357-1367.	1.1	8
1535	lncRNA cytoskeleton regulator RNA (CYTOR): Diverse functions in metabolism, inflammation and tumorigenesis, and potential applications in precision oncology. <i>Genes and Diseases</i> , 2023, 10, 415-429.	1.5	9
1536	Role of salt-bridging interactions in recognition of viral RNA by arginine-rich peptides. <i>Biophysical Journal</i> , 2021, 120, 5060-5073.	0.2	7
1537	A global screening identifies chromatin-enriched RNA-binding proteins and the transcriptional regulatory activity of QKI5 during monocytic differentiation. <i>Genome Biology</i> , 2021, 22, 290.	3.8	13
1538	A mechanistic view of long noncoding <scp>RNAs</scp> in cancer. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022, 13, e1699.	3.2	24
1539	Comprehensive analysis of competitive endogenous RNAs networks reveals potential prognostic biomarkers associated with epithelial ovarian cancer. <i>Oncology Letters</i> , 2021, 22, 843.	0.8	1
1540	SINEUPs: a novel toolbox for RNA therapeutics. <i>Essays in Biochemistry</i> , 2021, 65, 775-789.	2.1	13
1541	A Review on the Carcinogenic Roles of DSCAM-AS1. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 758513.	1.8	10
1542	Constructing the ceRNA Regulatory Network and Combining Immune Cells to Evaluate Prognosis of Colon Cancer Patients. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 686844.	1.8	2
1543	The role of non-coding RNAs in chemotherapy for gastrointestinal cancers. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 892-926.	2.3	20
1544	Emerging Technologies to Study Long Non-coding RNAs. , 2013, , 163-195.		0
1545	Regulation of TSH Receptor Autoantibodies by a long Non-Coding RNA (Heg) and Cdk1- A Review. <i>British Journal of Medicine and Medical Research</i> , 2013, 3, 508-516.	0.2	1
1546	Informationâ€™s Role and Meaning in Organisms. , 2014, , 65-124.		0
1547	Regulatory RNA. , 2014, , 197-210.		0
1548	Gene. , 2014, , 5-61.		0
1549	Long Non-coding RNAs: key players in brain and central nervous system development. <i>Computational Molecular Biology</i> , 0, , .	0.0	0
1550	Epigenetic Factors in Normal and Pathological Neuronal Development. <i>Neuromethods</i> , 2015, , 183-215.	0.2	0

#	ARTICLE	IF	CITATIONS
1552	Myocardial Pharmacoregeneration. , 2016, , 111-143.		0
1553	Regulatory RNA. , 2016, , 199-211.		0
1554	Noncoding RNAs in Breast Cancer. , 2016, , 345-364.		0
1555	Applications of Non-coding RNA in the Molecular Pathology of Cancer. , 2016, , 177-217.		1
1559	Kontrolle der Genexpression. , 0, , 411-489.		0
1563	LncRNA Interpreter: A Protein-Centric Pipeline for Mechanistic Analysis of Long Noncoding RNAs. SSRN Electronic Journal, 0, , .	0.4	0
1564	Molecular Mechanisms of Nanotoxicity Formation. , 2018, , 109-168.		0
1565	THE PARTICIPATION OF LONG NONCODING RNAs IN CARDIAC HYPERTROPHY FORMATION DURING LONGLASTING PHYSICAL EXERCISE. Bulletin of Problems Biology and Medicine, 2018, 4.3, 38.	0.0	1
1566	Advances in the Research of Long Non-Coding RNA Regulation Mechanism in Liver Cancer. World Journal of Cancer Research, 2018, 08, 100-107.	0.1	0
1571	Epigenetikten Kansere Uzanan Āızgiler: Uzun Kodlamayan RNAâ€™lar. OsmangazĀ Journal of Medicine, 2018, 40, 114-121.	0.1	1
1575	New Insights into the Roles of Yes-Associated Protein (YAP1) in Colorectal Cancer Development and Progression. Annals of Colorectal Research, 2019, 7, .	0.1	3
1576	Expression Profile Screening and Bioinformatics Analysis of Circrna, Lncrna and Mrna in Acute Myeloid Leukemia Drug-Resistance Cells. Turkish Journal of Haematology, 2020, 37, 104-110.	0.2	11
1577	Designing Personalized and Innovative Novel Drug Therapies for Cancer Treatment. , 2020, , 213-228.		2
1578	Evolving Roles of Long Noncoding RNAs. RNA Technologies, 2020, , 59-84.	0.2	1
1579	Comprehensive analysis of long non-coding RNAs and mRNAs in skeletal muscle of diabetic Goto-Kakizaki rats during the early stage of type 2 diabetes. PeerJ, 2020, 8, e8548.	0.9	2
1580	Novel Approaches to Profile Functional Long Noncoding RNAs Associated with Stem Cell Pluripotency. Current Genomics, 2020, 21, 37-45.	0.7	2
1582	Methods for the Study of Long Noncoding RNA in Cancer Cell Signaling. Methods in Molecular Biology, 2021, 2174, 89-118.	0.4	1
1583	A Gaussian Kernel Similarity-Based Linear Optimization Model for Predicting miRNA-LncRNA Interactions. Lecture Notes in Computer Science, 2020, , 316-325.	1.0	0

#	ARTICLE	IF	CITATIONS
1585	A Weighted Gene Co-expression Network Analysis Reveals lncRNA Abnormalities in the Peripheral Blood Associated With Ultra-High-Risk for Psychosis. <i>Frontiers in Psychiatry</i> , 2020, 11, 580307.	1.3	3
1586	An update on the role of long non-coding RNAs in psoriasis. <i>Chinese Medical Journal</i> , 2021, 134, 379-389.	0.9	11
1587	High-precision screen to identify lncRNAs governing specific mitotic stages. <i>Non-coding RNA Investigation</i> , 0, 4, 9-9.	0.6	0
1588	The Emerging Roles of Non-Coding RNAs in Cataract. <i>Yangtze Medicine</i> , 2020, 04, 218-228.	0.1	0
1589	RNA and bacterial infection. , 2020, , 307-326.		0
1590	Tuning the Expression of Long Noncoding RNA Loci with CRISPR Interference. <i>Methods in Molecular Biology</i> , 2020, 2161, 1-16.	0.4	2
1592	Long non-coding RNA “ perspectives?. <i>Profilakticheskaya Meditsina</i> , 2020, 23, 124.	0.2	0
1593	Identification of Ten Long Noncoding RNAs as Biomarkers for Hepatocellular Carcinoma. <i>Brazilian Archives of Biology and Technology</i> , 0, 63, .	0.5	0
1594	Analytical Challenges of Next-generation Sequencing in Precision Medicine. <i>RSC Detection Science</i> , 2020, , 153-168.	0.0	0
1599	lncRNA NONHSAT030515 promotes the chondrogenic differentiation of human adipose-derived stem cells via regulating the miR-490-5p/BMP2 axis. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 658.	0.9	4
1600	Dual regulatory actions of lncBMP4 on BMP4 promote chicken primordial germ cell formation. <i>EMBO Reports</i> , 2022, 23, e52491.	2.0	9
1601	Long non-coding RNA profile study identifies an immune-related lncRNA prognostic signature for prostate adenocarcinoma. <i>International Immunopharmacology</i> , 2021, 101, 108267.	1.7	5
1602	Genome-wide detection and sequence conservation analysis of long non-coding RNA during hair follicle cycle of yak. <i>BMC Genomics</i> , 2020, 21, 681.	1.2	8
1605	lncRNA CRNDE promotes hepatic carcinoma cell proliferation, migration and invasion by suppressing miR-384. <i>American Journal of Cancer Research</i> , 2016, 6, 2299-2309.	1.4	58
1606	The long non-coding RNA NKILA inhibits the invasion-metastasis cascade of malignant melanoma via the regulation of NF- κ B. <i>American Journal of Cancer Research</i> , 2017, 7, 28-40.	1.4	26
1607	CEBPA-mediated upregulation of the lncRNA PLIN2 promotes the development of chronic myelogenous leukemia via the GSK3 and Wnt/ β -catenin signaling pathways. <i>American Journal of Cancer Research</i> , 2017, 7, 1054-1067.	1.4	10
1608	The long non-coding RNA HOTAIR promotes thyroid cancer cell growth, invasion and migration through the miR-1-CCND2 axis. <i>American Journal of Cancer Research</i> , 2017, 7, 1298-1309.	1.4	36
1609	uc.38 induces breast cancer cell apoptosis via PBX1. <i>American Journal of Cancer Research</i> , 2017, 7, 2438-2451.	1.4	11

#	ARTICLE	IF	CITATIONS
1610	A feedback loop consisting of RUNX2/LncRNA-PVT1/miR-455 is involved in the progression of colorectal cancer. <i>American Journal of Cancer Research</i> , 2018, 8, 538-550.	1.4	29
1611	LincRNA-p21 sponges miR-18b to promote the progression of diabetic nephropathy. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 1481-1489.	0.0	5
1612	Long noncoding RNA ZEB1-AS1 promotes the tumorigenesis of glioma cancer cells by modulating the miR-200c/141-ZEB1 axis. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 3395-3412.	0.0	31
1613	Decreased expression of long non-coding RNA SNHG7 cause recurrent spontaneous abortion through suppression proliferation and invasion of trophoblast cells via miR-34a. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 463-472.	0.0	15
1615	LncRNA PCAT-1 plays an oncogenic role in epithelial ovarian cancer by modulating cyclinD1/CDK4 expression. <i>International Journal of Clinical and Experimental Pathology</i> , 2019, 12, 2148-2156.	0.5	7
1616	HOTAIR contributes to chemoresistance by activating NF- κ B signaling in small-cell lung cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2019, 12, 2997-3004.	0.5	3
1617	Long non-coding RNA NEAT1 predicts elevated chronic obstructive pulmonary disease (COPD) susceptibility and acute exacerbation risk, and correlates with higher disease severity, inflammation, and lower miR-193a in COPD patients. <i>International Journal of Clinical and Experimental Pathology</i> , 2019, 12, 2837-2848.	0.5	8
1618	Long non-coding RNA UCA1 modulates the glycolysis of cervical cancer cells by miR-493-5p/HK2. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 3943-3951.	0.5	10
1619	Upregulation of lncRNA CCAT2 predicts poor prognosis in patients with acute myeloid leukemia and is correlated with leukemic cell proliferation. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 5658-5666.	0.5	3
1620	lncRNA-SNHG17 promotes colon adenocarcinoma progression and serves as a sponge for miR-375 to regulate CBX3 expression. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 5283-5295.	0.0	13
1621	lncRNA RASSF8-AS1 suppresses the progression of laryngeal squamous cell carcinoma via targeting the miR-664b-3p/TLE1 axis. <i>Oncology Reports</i> , 2020, 44, 2031-2044.	1.2	2
1622	The role of lncRNA-MEG/miR-21-5p/PDCD4 axis in spinal cord injury. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 646-658.	0.0	1
1623	The Roles and Mechanisms of lncRNAs in Liver Fibrosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 779606.	1.6	4
1624	From genotype to phenotype: genetics of mammalian long non-coding RNAs in vivo. <i>Nature Reviews Genetics</i> , 2022, 23, 229-243.	7.7	53
1625	LncSNHG3 promotes hepatocellular carcinoma epithelial mesenchymal transition progression through the miR-152-3p/JAK1 pathway. <i>Genes and Genomics</i> , 2021, , 1.	0.5	1
1626	Targeting long non coding RNA by natural products: Implications for cancer therapy. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 4389-4417.	5.4	5
1627	Characterization of Host lncRNAs in Response to <i>Vibrio splendidus</i> Infection and Function as Efficient miRNA Sponges in Sea Cucumber. <i>Frontiers in Immunology</i> , 2021, 12, 792040.	2.2	1
1628	A Novel Autophagy-Related Long Non-Coding RNA Signature to Predict Prognosis and Therapeutic Response in Esophageal Squamous Cell Carcinoma. <i>International Journal of General Medicine</i> , 2021, Volume 14, 8325-8339.	0.8	13

#	ARTICLE	IF	CITATIONS
1629	A novel RNA-mediated mechanism causing down-regulation of insulating promoter interactions in human embryonic stem cells. <i>Scientific Reports</i> , 2021, 11, 23233.	1.6	2
1630	What is beyond LncRNAs in breast cancer: A special focus on colon cancer-associated Transcript-1 (CCAT-1). <i>Non-coding RNA Research</i> , 2021, 6, 174-186.	2.4	14
1631	Non-coding RNAs: New players in mitophagy and neurodegeneration. <i>Neurochemistry International</i> , 2022, 152, 105253.	1.9	6
1632	LNCRI: Long Non-Coding RNA Identifier in Multiple Species. <i>IEEE Access</i> , 2021, 9, 167219-167228.	2.6	2
1633	WTAP-mediated m6A modification of lncRNA DIAPH1-AS1 enhances its stability to facilitate nasopharyngeal carcinoma growth and metastasis. <i>Cell Death and Differentiation</i> , 2022, 29, 1137-1151.	5.0	66
1634	The roles of long non-coding RNAs in lung cancer. <i>Journal of Cancer</i> , 2022, 13, 174-183.	1.2	13
1635	MiR-423-5p prevents MALAT1-mediated proliferation and metastasis in prostate cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 20.	3.5	25
1636	lncRNA RASSF8-AS1 suppresses the progression of laryngeal squamous cell carcinoma via targeting the miR-664b-3p/TLE1 axis. <i>Oncology Reports</i> , 2020, 44, 2031-2044.	1.2	10
1637	Long non-coding RNA Linc00261 as a novel potential diagnostic and prognostic biomarker for gallbladder cancer. <i>Translational Cancer Research</i> , 2020, 9, 6078-6085.	0.4	4
1639	Impact of CpG Islands on lncRNA Conservation. <i>Biology Bulletin Reviews</i> , 2021, 11, 533-543.	0.3	0
1640	Noncoding RNAs in Drug Resistance of Gastrointestinal Stromal Tumor. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 808591.	1.8	3
1641	Applications of noncoding RNAs in renal cancer patients. , 2022, , 211-284.		3
1642	STAT3-regulated lncRNA LINC00160 mediates cell proliferation and cell metabolism of prostate cancer cells by repressing RCAN1 expression. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 865-875.	1.4	4
1643	A <i>Gypsy</i> element contributes to the nuclear retention and transcriptional regulation of the resident lncRNA in locusts. <i>RNA Biology</i> , 2022, 19, 206-220.	1.5	4
1644	Gene signature to predict prognostic survival of hepatocellular carcinoma. <i>Open Medicine (Poland)</i> , 2022, 17, 135-150.	0.6	7
1645	Plant RNA-mediated gene regulatory network. <i>Genomics</i> , 2022, 114, 409-442.	1.3	17
1646	Discovering functional motifs in long noncoding RNAs. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022, , e1708.	3.2	10
1647	Emergent Roles of Circular RNAs in Metabolism and Metabolic Disorders. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1032.	1.8	12

#	ARTICLE	IF	CITATIONS
1648	Non-Coding RNAs and Brain Tumors: Insights Into Their Roles in Apoptosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 792185.	1.8	12
1649	Identification of differentially expressed long non-coding RNAs and messenger RNAs involved with muscle development in Dazu black goats through RNA sequencing. <i>Animal Biotechnology</i> , 2023, 34, 1305-1313.	0.7	3
1650	Potential of natural products in the treatment of myocardial infarction: focus on molecular mechanisms. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 5488-5505.	5.4	6
1651	Crosstalk between Long Non Coding RNAs, microRNAs and DNA Damage Repair in Prostate Cancer: New Therapeutic Opportunities?. <i>Cancers</i> , 2022, 14, 755.	1.7	12
1652	Towards SINEUP-based therapeutics: Design of an in vitro synthesized SINEUP RNA. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 1092-1102.	2.3	4
1653	Insight Into Pituitary lncRNA and mRNA at Two Estrous Stages in Small Tail Han Sheep With Different FecB Genotypes. <i>Frontiers in Endocrinology</i> , 2021, 12, 789564.	1.5	8
1654	Multi-channel graph attention autoencoders for disease-related lncRNAs prediction. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	19
1655	Toxic effects and molecular mechanisms of sulfamethoxazole on <i>Scenedesmus obliquus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2022, 232, 113258.	2.9	27
1656	Identification of long non-coding RNAs in <i>Verticillium dahliae</i> following inoculation of cotton. <i>Microbiological Research</i> , 2022, 257, 126962.	2.5	4
1657	Molecular engineering of complexation between RNA and biodegradable cationic gemini surfactants: role of the hydrophobic chain length. <i>Molecular Systems Design and Engineering</i> , 2022, 7, 487-506.	1.7	22
1658	Long non-coding RNA AGAP2-AS1 promotes cell proliferation and invasion through regulating miR-193a-3p/LOXL4 axis in laryngeal squamous cell carcinoma. <i>Cell Cycle</i> , 2022, 21, 697-707.	1.3	5
1659	Impact of Non-Coding RNAs on Chemotherapeutic Resistance in Oral Cancer. <i>Biomolecules</i> , 2022, 12, 284.	1.8	8
1660	Multimerin-1 and cancer: a review. <i>Bioscience Reports</i> , 2022, 42, .	1.1	7
1662	Regulation of lncRNAs in Melanoma and Their Functional Roles in the Metastatic Process. <i>Cells</i> , 2022, 11, 577.	1.8	13
1663	Predicting lncRNA-Protein Interactions by Heterogenous Network Embedding. <i>Frontiers in Genetics</i> , 2021, 12, 814073.	1.1	5
1664	A Final Frontier in Environment-Genome Interactions? Integrated, Multi-Omic Approaches to Predictions of Non-Communicable Disease Risk. <i>Frontiers in Genetics</i> , 2022, 13, 831866.	1.1	5
1665	Genomic Variants and Multilevel Regulation of ABCA1, ABCG1, and SCARB1 Expression in Atherogenesis. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 170.	0.8	8
1666	The long non-coding RNA landscape of <i>Candida</i> yeast pathogens. <i>Nature Communications</i> , 2021, 12, 7317.	5.8	10

#	ARTICLE	IF	CITATIONS
1667	Regulatory noncoding RNAs: potential biomarkers and therapeutic targets in acute myeloid leukemia. American Journal of Blood Research, 2021, 11, 504-519.	0.6	0
1668	A Role for lncRNAs in Regulating Inflammatory and Autoimmune Responses Underlying Type 1 Diabetes. Advances in Experimental Medicine and Biology, 2022, 1363, 97-118.	0.8	2
1669	Long non-coding RNA: Emerging role in Hepatocellular Carcinoma. , 2022, , 327-340.		0
1671	LINC00092 Suppresses the Malignant Progression of Breast Invasive Ductal Carcinoma Through Modulating SFRP1 Expression by Sponging miR-1827. Cell Transplantation, 2022, 31, 096368972210869.	1.2	5
1672	Role of genetic insights and tumor microenvironment in liver cancer: new opportunities for gene therapy. , 2022, , 293-310.		0
1673	Comparative Transcriptomic Analysis of Hu Sheep Pituitary Gland Prolificacy at the Follicular and Luteal Phases. Genes, 2022, 13, 440.	1.0	7
1674	Construction of a Co-Expression Network for lncRNAs and mRNAs Related to Urothelial Carcinoma of the Bladder Progression. Frontiers in Oncology, 2022, 12, 835074.	1.3	3
1675	The Mechanism Underlying the ncRNA Dysregulation Pattern in Hepatocellular Carcinoma and Its Tumor Microenvironment. Frontiers in Immunology, 2022, 13, 847728.	2.2	20
1676	Long noncoding <scp>RNA</scp> polymorphisms and colorectal cancer risk: Progression and future perspectives. Environmental and Molecular Mutagenesis, 2022, 63, 98-112.	0.9	8
1677	Analysis of Ferroptosis-Related lncRNAs Signatures Associated with Tumor Immune Infiltration and Experimental Validation in Clear Cell Renal Cell Carcinoma. International Journal of General Medicine, 2022, Volume 15, 3215-3235.	0.8	12
1678	A Necroptosis-Related lncRNA-Based Signature to Predict Prognosis and Probe Molecular Characteristics of Stomach Adenocarcinoma. Frontiers in Genetics, 2022, 13, 833928.	1.1	34
1679	Epigenetic Activation of lncRNA MIR155HG Mediated by Promoter Hypomethylation and SP1 is Correlated with Immune Infiltration in Glioma. OncoTargets and Therapy, 2022, Volume 15, 219-235.	1.0	8
1680	The Long Non-Coding RNA SNHG12 as a Mediator of Carboplatin Resistance in Ovarian Cancer via Epigenetic Mechanisms. Cancers, 2022, 14, 1664.	1.7	4
1681	A Novel Ferroptosis-Related lncRNAs Signature Predicts Clinical Prognosis and Is Associated With Immune Landscape in Pancreatic Cancer. Frontiers in Genetics, 2022, 13, 786689.	1.1	15
1682	The potential value of plasma Circ-ITCH in hepatocellular carcinoma patients with current hepatitis C virus infection. GastroenterologÃa Y HepatologÃa, 2023, 46, 17-27.	0.2	1
1683	Functional implications of aging-related lncRNAs for predicting prognosis and immune status in glioma patients. Aging, 2022, 14, 2348-2366.	1.4	6
1684	A peptide encoded by priâ€miRNAâ€31 represses autoimmunity by promoting T _{reg} differentiation. EMBO Reports, 2022, 23, e53475.	2.0	15
1685	Curcumin Suppresses TGF-Î²2-Induced Proliferation, Migration, and Invasion in Lens Epithelial Cells by Targeting KCNQ1OT1/miR-377-3p/COL1A2 Axis in Posterior Capsule Opacification. Current Eye Research, 2022, 47, 715-726.	0.7	1

#	ARTICLE	IF	CITATIONS
1686	BAP1-Related ceRNA (NEAT1/miR-10a-5p/SERPINE1) Promotes Proliferation and Migration of Kidney Cancer Cells. <i>Frontiers in Oncology</i> , 2022, 12, 852515.	1.3	7
1687	Structure–function relationship of long noncoding RNAs: Advances and challenges. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2022, 12, .	6.2	0
1688	Ion channel long non-coding RNAs in neuropathic pain. <i>Pflugers Archiv European Journal of Physiology</i> , 2022, 474, 457-468.	1.3	4
1689	Comprehensive Transcriptome Analysis Reveals the Role of lncRNA in Fatty Acid Metabolism in the Longissimus Thoracis Muscle of Tibetan Sheep at Different Ages. <i>Frontiers in Nutrition</i> , 2022, 9, 847077.	1.6	4
1690	Huangqin Tang Interference With Colitis Associated Colorectal Cancer Through Regulation of Epithelial Mesenchymal Transition and Cell Cycle. <i>Frontiers in Pharmacology</i> , 2022, 13, 837217.	1.6	4
1692	Predict the role of lncRNA in kidney aging based on RNA sequencing. <i>BMC Genomics</i> , 2022, 23, 254.	1.2	5
1693	Long non-coding RNA MRPL23AS1 suppresses anoikis in salivary adenoid cystic carcinoma in vitro. <i>Oral Diseases</i> , 2023, 29, 1588-1601.	1.5	4
1694	An improved computational method for prediction of lncRNA-disease associations based on collaborative filtering and resource allocation. , 2021, , .		1
1695	Prognostic Role of Long Noncoding RNAs in Oral Squamous Cell Carcinoma: A Meta-Analysis. <i>Disease Markers</i> , 2021, 2021, 1-9.	0.6	6
1696	Prognostic Model Construction and Immune Microenvironment Analysis of Breast Cancer Based on Ferroptosis-Related lncRNAs. <i>International Journal of General Medicine</i> , 2021, Volume 14, 9817-9831.	0.8	7
1697	A Novel Competing Endogenous RNA Network Associated With the Pathogenesis of Graves™ Ophthalmopathy. <i>Frontiers in Genetics</i> , 2021, 12, 795546.	1.1	6
1698	Identifying and characterizing lincRNA genomic clusters reveals its cooperative functions in human cancer. <i>Journal of Translational Medicine</i> , 2021, 19, 509.	1.8	5
1700	Is Long Noncoding SNHG7 a Reliable Diagnostic Tool for Metastasis Diagnosis of Cancer: A Meta-Analysis. <i>Genetic Testing and Molecular Biomarkers</i> , 2021, 25, 765-771.	0.3	0
1701	MicroRNA-363-3p, negatively regulated by long non-coding RNA small nucleolar RNA host gene 5, inhibits tumor progression by targeting Aurora kinase A in colorectal cancer. <i>Bioengineered</i> , 2022, 13, 5357-5372.	1.4	4
1702	Epigenetics and Vascular Disease. , 2022, , 475-510.		1
1703	Upregulated NORAD is implicated in apoptosis, inflammation, and oxidative stress in ulcerative colitis through the nuclear factor- κ B signaling. <i>European Journal of Gastroenterology and Hepatology</i> , 2022, 34, 630-639.	0.8	3
1704	LncRNA LYPLAL1-AS1 rejuvenates human adipose-derived mesenchymal stem cell senescence via transcriptional MIRLET7B inactivation. <i>Cell and Bioscience</i> , 2022, 12, 45.	2.1	9
1705	Crosstalk between lncRNAs in the apoptotic pathway and therapeutic targets in cancer. <i>Cytokine and Growth Factor Reviews</i> , 2022, 65, 61-74.	3.2	21

#	ARTICLE	IF	CITATIONS
1706	Non-Coding RNAs Are Brokers in Breast Cancer Interactome Networks and Add Discrimination Power between Subtypes. <i>Journal of Clinical Medicine</i> , 2022, 11, 2103.	1.0	1
1707	Bioinformatics analysis for identifying micro-RNAs, long noncoding RNAs, transcription factors, and immune genes regulatory networks in diabetic cardiomyopathy using an integrated bioinformatics analysis. <i>Inflammation Research</i> , 2022, 71, 847-858.	1.6	2
1708	Multi-omics approaches for biomarker discovery in early ovarian cancer diagnosis. <i>EBioMedicine</i> , 2022, 79, 104001.	2.7	54
1709	Tumor Cells-derived exosomal CircRNAs: Novel cancer drivers, molecular mechanisms, and clinical opportunities. <i>Biochemical Pharmacology</i> , 2022, 200, 115038.	2.0	45
1783	Dysregulated Expression of Long Non-Coding RNA MINCR and EZH2 in Colorectal Cancer. <i>Iranian Biomedical Journal</i> , 2022, 26, 64-9.	0.4	2
1784	Non-coding RNAs: are they the protagonist or antagonist in the regulation of leukemia?. <i>American Journal of Translational Research (discontinued)</i> , 2022, 14, 1406-1432.	0.0	0
1785	Epithelial-mesenchymal transition-related genes in coronary artery disease. <i>Open Medicine (Poland)</i> , 2022, 17, 781-800.	0.6	0
1786	Long noncoding RNA Linc01612 represses hepatocellular carcinoma progression by regulating miR-494/ATF3/p53 axis and promoting ubiquitination of YBX1. <i>International Journal of Biological Sciences</i> , 2022, 18, 2932-2948.	2.6	10
1787	LncRNA-AP006284.1 promotes prostate cancer cell growth and motility by forming RNA-DNA triplexes and recruiting GNL3/SFPQ complex to facilitate RASSF7 transcription. <i>Genes and Diseases</i> , 2023, 10, 317-320.	1.5	2
1788	Multiple Phosphorylations of SR Protein SRSF3 and Its Binding to m6A Reader YTHDC1 in Human Cells. <i>Cells</i> , 2022, 11, 1461.	1.8	0
1789	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
1790	Structurally related (âˆ™)-epicatechin metabolites and gut microbiota derived metabolites exert genomic modifications via VEGF signaling pathways in brain microvascular endothelial cells under lipotoxic conditions: Integrated multi-omic study. <i>Journal of Proteomics</i> , 2022, 263, 104603.	1.2	8
1791	Whole-Transcriptome Analysis Reveals Long Noncoding RNAs Involved in Female Floral Development of Hickory (<i>Carya cathayensis</i> Sarg.). <i>Frontiers in Genetics</i> , 2022, 13, .	1.1	2
1792	lncRNAs UC.145 and PRKG1-AS1 Determine the Functional Output of DKK1 in Regulating the Wnt Signaling Pathway in Gastric Cancer. <i>Cancers</i> , 2022, 14, 2369.	1.7	2
1793	Long-Distance Repression by Human Silencers: Chromatin Interactions and Phase Separation in Silencers. <i>Cells</i> , 2022, 11, 1560.	1.8	8
1794	Time-Series Clustering of lncRNA-mRNA Expression during the Adipogenic Transdifferentiation of Porcine Skeletal Muscle Satellite Cells. <i>Current Issues in Molecular Biology</i> , 2022, 44, 2038-2053.	1.0	4
1795	miR-182 Enhanced the Proliferation, Migration and Invasion of Malignant Melanoma Cells by Modulating Zinc Finger Protein 36, C3H Type-Like 1 (ZFP36L1). <i>Journal of Biomaterials and Tissue Engineering</i> , 2022, 12, 1133-1140.	0.0	0
1797	Annotation and functional characterization of long noncoding RNAs deregulated in pancreatic adenocarcinoma. <i>Cellular Oncology (Dordrecht)</i> , 2022, 45, 479-504.	2.1	4

#	ARTICLE	IF	CITATIONS
1798	Functional Analysis of Serum Long Noncoding RNAs in Patients with Atrial Fibrillation. <i>Disease Markers</i> , 2022, 2022, 1-16.	0.6	1
1799	Long-Noncoding RNA ANCR Activates the Hedgehog Signaling Pathway to Promote Basal Cell Carcinoma Progression by Binding to PTCH. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 0, Volume 15, 955-965.	0.8	0
1800	Long noncoding RNAs as regulators of pediatric acute myeloid leukemia. <i>Molecular and Cellular Pediatrics</i> , 2022, 9, .	1.0	3
1801	LncRNA XIST contributes to epithelialâ€“mesenchymal transformation in posterior opacity via regulating miR-98-5p/COL5A2 axis and PI3K/Akt/FOXO1 pathway. <i>Molecular and Cellular Toxicology</i> , 0, , .	0.8	0
1802	A novel LncRNA PTH-AS upregulates interferon-related DNA damage resistance signature genes and promotes metastasis in human breast cancer xenografts. <i>Journal of Biological Chemistry</i> , 2022, 298, 102065.	1.6	3
1803	Long non-coding RNA and RNA-binding protein interactions in cancer: Experimental and machine learning approaches. <i>Seminars in Cancer Biology</i> , 2022, 86, 325-345.	4.3	35
1805	Emerging Functions of lncRNA Loci beyond the Transcript Itself. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6258.	1.8	18
1806	LncRNA KCNQ1OT1 promotes the apoptosis and inflammatory response of microglia by regulating the miR-589-5p/NPTN axis after spinal cord injury. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, .	0.3	4
1807	Os lncRNAs EstÃ£o Envolvidos no Processo de Aterosclerose em Diversos NÃveis. <i>Arquivos Brasileiros De Cardiologia</i> , 2022, 118, 1134-1140.	0.3	1
1808	Understanding pathogenâ€“host interplay by expression profiles of lncRNA and mRNA in the liver of <i>Echinococcus multilocularis</i> -infected mice. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010435.	1.3	2
1809	Long Noncoding RNA SNHG16 Regulates the Growth of Human Lung Cancer Cells by Modulating the Expression of Aldehyde Dehydrogenase 2 (ALDH2). <i>Journal of Oncology</i> , 2022, 2022, 1-13.	0.6	4
1810	Epigenetic and Transcriptomic Regulation Landscape in HPV+ Cancers: Biological and Clinical Implications. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	6
1811	LncRNA IRAR regulates chemokines production in tubular epithelial cells thus promoting kidney ischemia-reperfusion injury. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	6
1812	ST8SIA6-AS1 Promotes the Epithelial-to-Mesenchymal Transition and Angiogenesis of Pituitary Adenoma. <i>Journal of Oncology</i> , 2022, 2022, 1-15.	0.6	1
1813	The Long Non-Coding RNA GOMAFU in Schizophrenia: Function, Disease Risk, and Beyond. <i>Cells</i> , 2022, 11, 1949.	1.8	9
1814	Whole Transcriptome Sequencing of Peripheral Blood Shows That Immunity/GnRH/PI3K-Akt Pathways Are Associated With Opioid Use Disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	5
1815	LncRNAs driving feedback loops to boost drug resistance: sinuous pathways in cancer. <i>Cancer Letters</i> , 2022, 543, 215763.	3.2	8
1816	Epitranscriptomics Changes the Play: m6A RNA Modifications in Apoptosis. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 163-171.	0.8	3

#	ARTICLE	IF	CITATIONS
1817	High-Throughput Evolutionary Comparative Analysis of Long Intergenic Noncoding RNAs in Multiple Organisms. <i>Methods in Molecular Biology</i> , 2022, , 45-60.	0.4	1
1818	TGF- β 2 signaling in diabetic nephropathy: An update. <i>Diabetic Nephropathy</i> , 2022, .	0.1	2
1819	Time Course Analysis of Transcriptome in Human Myometrium Depending on Labor Duration and Correlating With Postpartum Blood Loss. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
1820	Ferroptosis-Related lncRNA Signature Correlates with the Prognosis, Tumor Microenvironment, and Therapeutic Sensitivity of Esophageal Squamous Cell Carcinoma. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-29.	1.9	8
1821	Identification of novel lncRNA by reanalysis of RNA-seq data in Zika Virus Infected hiNPCs. <i>VirusDisease</i> , 2022, 33, 185-193.	1.0	2
1822	Emerging roles and potential clinical applications of long non-coding RNAs in hepatocellular carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113327.	2.5	7
1823	Host-Directed Targeting of lincRNA-MIR99AHG Suppresses Intracellular Growth of <i>Mycobacterium tuberculosis</i> . <i>Nucleic Acid Therapeutics</i> , 2022, 32, 421-437.	2.0	6
1826	LONG NONCODING RNA UPREGULATES ADAPTER SHCA PROTEIN EXPRESSION TO PROMOTE COGNITIVE IMPAIRMENT AFTER CARDIAC ARREST AND RESUSCITATION. <i>Shock</i> , 2022, 58, 169-178.	1.0	1
1827	Long Noncoding RNA LEMD1-AS1 Increases LEMD1 Expression and Activates PI3K-AKT Pathway to Promote Metastasis in Oral Squamous Cell Carcinoma. <i>BioMed Research International</i> , 2022, 2022, 1-12.	0.9	2
1828	Regulatory Roles of Noncoding RNAs in the Progression of Gastrointestinal Cancers and Health Disparities. <i>Cells</i> , 2022, 11, 2448.	1.8	1
1829	LncRNA-AC009948.5 promotes invasion and metastasis of lung adenocarcinoma by binding to miR-186-5p. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	6
1830	Function of the Long Noncoding RNAs in Hepatocellular Carcinoma: Classification, Molecular Mechanisms, and Significant Therapeutic Potentials. <i>Bioengineering</i> , 2022, 9, 406.	1.6	2
1832	The Expression and Function of lincRNA-154324 and the Adjoining Protein-Coding Gene <i>vmp1</i> in the Caudal Fin Regeneration of Zebrafish. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8944.	1.8	2
1833	Targeting Autophagy for Developing New Therapeutic Strategy in Intervertebral Disc Degeneration. <i>Antioxidants</i> , 2022, 11, 1571.	2.2	3
1834	Transfection with Plasmid-Encoding lncRNA-SLERCC nanoparticle-mediated delivery suppressed tumor progression in renal cell carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, .	3.5	16
1835	DNA Methylation Mediates lncRNA2919 Regulation of Hair Follicle Regeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9481.	1.8	2
1836	Long non-coding RNAs interact with RNA-binding proteins to regulate genomic instability in cancer cells (Review). <i>Oncology Reports</i> , 2022, 48, .	1.2	3
1837	lncRNA2919 Suppresses Rabbit Dermal Papilla Cell Proliferation via trans-Regulatory Actions. <i>Cells</i> , 2022, 11, 2443.	1.8	4

#	ARTICLE	IF	CITATIONS
1838	Mitochondrial Aldehyde Dehydrogenase 2 Represents a Potential Biomarker of Biochemical Recurrence in Prostate Cancer Patients. <i>Molecules</i> , 2022, 27, 6000.	1.7	4
1839	Noncoding RNAs in cataract formation: Star molecules emerge in an endless stream. <i>Pharmacological Research</i> , 2022, 184, 106417.	3.1	6
1840	Polypharmacology in Drug Design and Discovery—Basis for Rational Design of Multitarget Drugs. , 2022, , 397-533.		1
1841	Long Noncoding RNA Acting as Therapeutic Target for Oxidative Stress-Induced Pancreatic Cancer. , 2022, , 1525-1557.		0
1842	A novel long non-coding RNA, DIR, increases drought tolerance in cassava by modifying stress-related gene expression. <i>Journal of Integrative Agriculture</i> , 2022, 21, 2588-2602.	1.7	10
1843	LncRNA GAS5 represses stemness and malignancy of gliomas via elevating the SPACA6-miR-125a/let-7e Axis. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	0
1844	Learning global dependencies and multi-semantics within heterogeneous graph for predicting disease-related lncRNAs. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	10
1845	RNA sequencing reveals lncRNA-mediated non-mendelian inheritance of feather growth change in chickens. <i>Genes and Genomics</i> , 2022, 44, 1323-1331.	0.5	3
1846	Long noncoding RNA negative regulator of antiviral response contributes to pancreatic ductal adenocarcinoma progression via targeting miR-299-3p. <i>World Journal of Gastroenterology</i> , 2022, 28, 5141-5153.	1.4	2
1847	How noncoding RNAs began to leave the junkyard. <i>Nature Methods</i> , 2022, 19, 1167-1170.	9.0	3
1848	LncPheDB: a genome-wide lncRNAs regulated phenotypes database in plants. <i>ABIOTECH</i> , 2022, 3, 169-177.	1.8	4
1849	PRPF6 promotes metastasis and paclitaxel resistance of ovarian cancer via SNHG16/CEBPB/GATA3 axis. <i>Oncology Research</i> , 2021, 29, 275-289.	0.6	2
1850	Non-coding antisense transcripts: fine regulation of gene expression in cancer. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 5652-5660.	1.9	5
1851	The clinical prognostic value of lncRNA FOXP4-AS1 in cancer patients: A meta-analysis and bioinformatics analysis based on TCGA datasets. <i>Medicine (United States)</i> , 2022, 101, e31439.	0.4	0
1852	TTN-AS1 delivered by gastric cancer cell-derived exosome induces gastric cancer progression through in vivo and in vitro studies. <i>Cell Biology and Toxicology</i> , 2023, 39, 557-571.	2.4	3
1854	Analysis of Long Non-Coding RNA-Mediated Regulatory Networks of <i>Plutella xylostella</i> in Response to <i>Metarhizium anisopliae</i> Infection. <i>Insects</i> , 2022, 13, 916.	1.0	6
1855	Identification of a ferroptosis-related long non-coding RNA signature for prognosis prediction of ovarian cancer. <i>Carcinogenesis</i> , 2023, 44, 80-92.	1.3	5
1857	A long noncoding RNA HILinc1 enhances pear thermotolerance by stabilizing PbHILT1 transcripts through complementary base pairing. <i>Communications Biology</i> , 2022, 5, .	2.0	4

#	ARTICLE	IF	CITATIONS
1858	Identification of long non-coding RNA-microRNA-mRNA regulatory modules and their potential roles in drought stress response in wheat (<i>Triticum aestivum</i> L.). <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	4
1859	CTRR-ncRNA: A Knowledgebase for Cancer Therapy Resistance and Recurrence Associated Non-Coding RNAs. <i>Genomics, Proteomics and Bioinformatics</i> , 2023, 21, 292-299.	3.0	0
1860	The critical role of gut microbiota in obesity. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	38
1861	Computational model for ncRNA research. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	7
1862	MIR155HG Plays a Bivalent Role in Regulating Innate Antiviral Immunity by Encoding Long Noncoding RNA-155 and microRNA-155-5p. <i>MBio</i> , 2022, 13, .	1.8	7
1863	LDCMFC: Predicting Long Non-Coding RNA and Disease Association Using Collaborative Matrix Factorization Based on Correntropy. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2023, 20, 1774-1782.	1.9	1
1864	LINC01468 drives NAFLD-HCC progression through CUL4A-linked degradation of SHIP2. <i>Cell Death Discovery</i> , 2022, 8, .	2.0	12
1865	Knockdown of the long noncoding RNA PURPL induces apoptosis and sensitizes liver cancer cells to doxorubicin. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
1866	MSF-UBRW: An Improved Unbalanced Bi-Random Walk Method to Infer Human lncRNA-Disease Associations. <i>Genes</i> , 2022, 13, 2032.	1.0	2
1867	Development and validation of a ferroptosis-related lncRNAs signature to predict prognosis and microenvironment for melanoma. <i>Discover Oncology</i> , 2022, 13, .	0.8	4
1868	Prognosis Signature of Cuprotosis-Related lncRNAs Associated with Kidney Renal Clear Cell Carcinoma. <i>Genetical Research</i> , 2022, 2022, 1-11.	0.3	0
1869	LINC00599 influences smoke-related chronic obstructive pulmonary disease and regulates CSE-induced epithelial cell apoptosis and inflammation by targeting miR-212-5p/BASP1 axis. <i>Human and Experimental Toxicology</i> , 2022, 41, 096032712211467.	1.1	1
1870	A Novel lncRNA SAAL Suppresses IAV Replication by Promoting Innate Responses. <i>Microorganisms</i> , 2022, 10, 2336.	1.6	2
1871	Glucose metabolism and lncRNAs in breast cancer: Sworn friend. <i>Cancer Medicine</i> , 2023, 12, 5137-5149.	1.3	4
1873	Crosstalk between endoplasmic reticulum stress and non-coding <sc>RNAs</sc> in cardiovascular diseases. <i>Wiley Interdisciplinary Reviews RNA</i> , 0, , .	3.2	1
1874	Long Noncoding RNAs in the Prediction of Survival of Patients with Digestive Cancers. <i>Turkish Journal of Gastroenterology</i> , 2023, 34, 19-25.	0.4	2
1875	Genome-Wide Analysis of Circular RNAs Reveals circCHRNG Regulates Sheep Myoblast Proliferation via miR-133/SRF and MEF2A Axis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 16065.	1.8	2
1876	RNA out of the mist. <i>Trends in Genetics</i> , 2023, 39, 187-207.	2.9	6

#	ARTICLE	IF	CITATIONS
1877	Multi-view contrastive heterogeneous graph attention network for lncRNA disease association prediction. <i>Briefings in Bioinformatics</i> , 2023, 24, .	3.2	5
1878	Hippocampal ceRNA networks from chronic intermittent ethanol vapor-exposed male mice and functional analysis of top-ranked lncRNA genes for ethanol drinking phenotypes. <i>Advances in Drug and Alcohol Research</i> , 0, 2, .	2.5	1
1879	Long non-coding RNAs at the crossroad of vascular smooth muscle cell phenotypic modulation in atherosclerosis and neointimal formation. <i>Atherosclerosis</i> , 2023, 374, 34-43.	0.4	5
1880	Roles of non-coding RNA in megakaryocytopoiesis and thrombopoiesis: new target therapies in ITP. <i>Platelets</i> , 2023, 34, .	1.1	2
1881	MKL-1-induced PINK1-AS overexpression contributes to the malignant progression of hepatocellular carcinoma via ALDOA-mediated glycolysis. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
1882	Genome-wide identification of antisense lncRNAs and their association with susceptibility to <i>Flavobacterium psychrophilum</i> in rainbow trout. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
1883	Identification and differential expression of long non-coding RNAs and their association with XIST gene during early embryonic developmental stages of <i>Bos taurus</i> . <i>International Journal of Biological Macromolecules</i> , 2023, 229, 896-908.	3.6	1
1886	Long non-coding RNAs: definitions, functions, challenges and recommendations. <i>Nature Reviews Molecular Cell Biology</i> , 2023, 24, 430-447.	16.1	313
1887	Crosstalk between epigenetics and tumor promoting androgen signaling in prostate cancer. <i>Vitamins and Hormones</i> , 2022, , .	0.7	0
1888	Non-coding RNAs in human health and disease: potential function as biomarkers and therapeutic targets. <i>Functional and Integrative Genomics</i> , 2023, 23, .	1.4	39
1889	Emerging roles and potential application of PIWI-interacting RNA in urological tumors. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	2
1890	Circular RNAs: Insights into Clinical and Therapeutic Approaches for Various Cancers. <i>Current Protein and Peptide Science</i> , 2023, 24, 130-142.	0.7	2
1891	<sc>CERS6</sc> antisense <sc>RNA</sc> 1 promotes colon cancer via upregulating mitochondrial calcium uniporter. <i>European Journal of Clinical Investigation</i> , 2023, 53, .	1.7	3
1893	RNA-seq analysis of the active chick embryo chorioallantoic membrane reveals genes that encode proteins assigned to ion transport and innate immunity. <i>Genomics</i> , 2023, 115, 110564.	1.3	1
1894	Identifying Tumor-Associated Genes from Bilayer Networks of DNA Methylation Sites and RNAs. <i>Life</i> , 2023, 13, 76.	1.1	1
1895	Long noncoding <sc>RNA</sc> 01534 maintains cancer stemness by downregulating endoplasmic reticulum stress response in colorectal cancer. <i>Annals of Gastroenterological Surgery</i> , 0, , .	1.2	1
1896	LDAGSO: Predicting lncRNA-Disease Associations from Graph Sequences and Disease Ontology via Deep Learning techniques. , 2022, , .		0
1897	Behind the scenes: How RNA orchestrates the epigenetic regulation of gene expression. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	9

#	ARTICLE	IF	CITATIONS
1898	Identification of the Genome-Wide Expression Patterns of Non-Coding RNAs Associated with Tanshinones Synthesis Pathway in <i>Salvia miltiorrhiza</i> . <i>Agronomy</i> , 2023, 13, 321.	1.3	1
1899	<i>GATA6-AS1</i> Regulates Intestinal Epithelial Mitochondrial Functions, and its Reduced Expression is Linked to Intestinal Inflammation and Less Favourable Disease Course in Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2023, 17, 960-971.	0.6	8
1900	Recent Advances and Future Potential of Long Non-Coding RNAs in Insects. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2605.	1.8	2
1901	Integrative analysis of the expression profiles of whole coding and non-coding RNA transcriptomes and construction of the competing endogenous RNA networks for chronic obstructive pulmonary disease. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	4
1902	Long non-coding RNA LCONS8875 regulates innate immunity by up-regulating IRAK4 in <i>Miichthys miiuy</i> (miiuy croaker). <i>Developmental and Comparative Immunology</i> , 2023, 142, 104653.	1.0	0
1903	SURE: Screening unlabeled samples for reliable negative samples based on reinforcement learning. <i>Information Sciences</i> , 2023, 629, 299-312.	4.0	1
1904	RNA-Seq Reveals the Roles of Long Non-Coding RNAs (lncRNAs) in Cashmere Fiber Production Performance of Cashmere Goats in China. <i>Genes</i> , 2023, 14, 384.	1.0	2
1905	Research progress of circular RNA molecules in aging and age-related diseases. <i>Ageing Research Reviews</i> , 2023, 87, 101913.	5.0	3
1906	Necroptosis-Related lncRNA Signatures for Prognostic Prediction in Uterine Corpora Endometrial Cancer. <i>Reproductive Sciences</i> , 2023, 30, 576-589.	1.1	9
1907	Comprehensive analysis of long noncoding RNAs and lncRNA-mRNA networks in snakehead (<i>Channa Tj</i>) ETQq1 1 0.784314 rgBT /Ove	1.6	1
1908	Emerging role of interaction between m6A and main ncRNAs in gastrointestinal (GI) cancers. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	0
1909	PBRM1 bromodomains associate with RNA to facilitate chromatin association. <i>Nucleic Acids Research</i> , 2023, 51, 3631-3649.	6.5	4
1910	The potential value of plasma Circ-ITCH in hepatocellular carcinoma patients with current hepatitis C virus infection. <i>GastroenterologÅa Y HepatologÅa (English Edition)</i> , 2023, 46, 17-27.	0.0	0
1911	Uncovering the Gene Regulatory Network of Endothelial Cells in Mouse Duchenne Muscular Dystrophy: Insights from Single-Nuclei RNA Sequencing Analysis. <i>Biology</i> , 2023, 12, 422.	1.3	2
1913	Noncoding RNAs as regulators of STAT3 pathway in gastrointestinal cancers: Roles in cancer progression and therapeutic response. <i>Medicinal Research Reviews</i> , 2023, 43, 1263-1321.	5.0	26
1914	Aid or Antagonize: Nuclear Long Noncoding RNAs Regulate Host Responses and Outcomes of Viral Infections. <i>Cells</i> , 2023, 12, 987.	1.8	3
1915	The critical roles of m6A RNA methylation in lung cancer: from mechanism to prognosis and therapy. <i>British Journal of Cancer</i> , 2023, 129, 8-23.	2.9	6
1916	RNA sequencing revealed the multi-stage transcriptome transformations during the development of gallbladder cancer associated with chronic inflammation. <i>PLoS ONE</i> , 2023, 18, e0283770.	1.1	0

#	ARTICLE	IF	CITATIONS
1917	Comprehensive investigation of the expression profiles of common long noncoding RNAs during microglial activation. <i>Genomics and Informatics</i> , 2023, 21, e2.	0.4	0
1918	Comprehensive investigation of long non-coding RNAs in an endophytic fungus <i>Calcarisporium arbuscula</i> NRRL 3705. <i>Archives of Microbiology</i> , 2023, 205, .	1.0	0
1919	A Survey of Computational Methods and Databases for lncRNA-MiRNA Interaction Prediction. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2023, 20, 2810-2826.	1.9	3
1920	LINC00839, LINC01671, AC093673 and AC008760 are Associated with the Prognosis and Immune Infiltration of Clear-cell Renal Cell Carcinoma. <i>Current Proteomics</i> , 2023, 20, .	0.1	0
1921	Regulatory RNA in Immunologic Diseases. , 2023, , 258-264.		0
1922	PDK1-stabilized lncRNA SPY4-T1 promotes breast cancer progression via activating NF- κ B signaling pathway. <i>Molecular Carcinogenesis</i> , 2023, 62, 1009-1024.	1.3	1
1923	Human X-chromosome inactivation: Complexity and clinical implications. , 2023, , 355-385.		0
1940	Regulatory non-coding RNAs-biogenesis, mechanisms of action and role in gene expression regulation. , 2023, , 47-88.		0
1941	History and definitions of ncRNAs. , 2023, , 1-46.		0
1953	Circulating Non-coding RNAs and Exosomes: Liquid Biopsies for Monitoring Preeclampsia. <i>Methods in Molecular Biology</i> , 2023, , 263-277.	0.4	1
1966	X-chromosome inactivation: the gift that keeps on giving. <i>Nature Structural and Molecular Biology</i> , 2023, 30, 1049-1049.	3.6	0
1975	Function of Long Noncoding RNAs in Glioma Progression and Treatment Based on the Wnt/ β -Catenin and PI3K/AKT Signaling Pathways. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 3929-3942.	1.7	1
1980	Crosstalk between phospholipases and noncoding RNAs in cancer. , 2023, , 405-427.		0
1990	The role of epigenetics in cardiovascular disease. , 2024, , 717-759.		0
2011	Techniques for investigating lncRNA transcript functions in neurodevelopment. <i>Molecular Psychiatry</i> , 0, , .	4.1	1
2016	Autophagy-targeted drug delivery system in the management of cancer. , 2024, , 63-80.		0
2017	Role of noncoding RNA as biomarkers for cancer. , 2024, , 187-197.		0