A Long Noncoding RNA Controls Muscle Differentiation Endogenous RNA

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Citation Report

#	Article	IF	CITATIONS
1	Les marques per§ues comme « nostalgiques »: conséquences sur les attitudes et les relations des consommateurs à la marque. Recherche Et Applications En Marketing, 2010, 25, 29-56.	0.2	21
2	Wrangling for microRNAs provokes much crosstalk. Genome Biology, 2011, 12, 132.	13.9	27
3	Coding-Independent Regulation of the Tumor Suppressor PTEN by Competing Endogenous mRNAs. Cell, 2011, 147, 344-357.	13.5	926
4	InÂVivo Identification of Tumor- Suppressive PTEN ceRNAs in an Oncogenic BRAF-Induced Mouse Model of Melanoma. Cell, 2011, 147, 382-395.	13.5	602
5	An Extensive MicroRNA-Mediated Network of RNA-RNA Interactions Regulates Established Oncogenic Pathways in Glioblastoma. Cell, 2011, 147, 370-381.	13.5	671
6	ceRNAs: miRNA Target Mimic Mimics. Cell, 2011, 147, 1431-1432.	13.5	54
7	Calcium in Color. Science Signaling, 2011, 4, .	1.6	0
8	A new layer of regulation. Nature Reviews Molecular Cell Biology, 2011, 12, 766-766.	16.1	5
9	Non-coding RNAs as theranostics in human cancers. Journal of Cellular Biochemistry, 2011, 113, n/a-n/a.	1.2	52
10	Dopamine neurons derived from human ES cells efficiently engraft in animal models of Parkinson's disease. Nature, 2011, 480, 547-551.	13.7	1,603
11	Pregnancy-Induced Noncoding RNA (PINC) Associates with Polycomb Repressive Complex 2 and Regulates Mammary Epithelial Differentiation. PLoS Genetics, 2012, 8, e1002840.	1.5	59
12	Tackling Skeletal Muscle Cells Epigenome in the Next-Generation Sequencing Era. Comparative and Functional Genomics, 2012, 2012, 1-8.	2.0	3
13	Polyadenylation-Dependent Control of Long Noncoding RNA Expression by the Poly(A)-Binding Protein Nuclear 1. PLoS Genetics, 2012, 8, e1003078.	1.5	140
14	The genetic pleiotropy of musculoskeletal aging. Frontiers in Physiology, 2012, 3, 303.	1.3	33
15	Stem cell therapies for muscle disorders. Current Opinion in Neurology, 2012, 25, 597-603.	1.8	84
16	Global or local? Predicting secondary structure and accessibility in mRNAs. Nucleic Acids Research, 2012, 40, 5215-5226.	6.5	139
17	Sizing up long non-coding RNAs: Do lncRNAs have secondary and tertiary structure?. Bioarchitecture, 2012, 2, 189-199.	1.5	121
18	Osteoporosis genetics: year 2011 in review. BoneKEy Reports, 2012, 1, 114.	2.7	11

#	Article	IF	Citations
19	Understanding cardiovascular disease: a journey through the genome (and what we found there). DMM Disease Models and Mechanisms, 2012, 5, 434-443.	1.2	40
20	Decoy activity through microRNAs: the therapeutic implications . Expert Opinion on Biological Therapy, 2012, 12, 1153-1159.	1.4	29
21	Small RNA-Mediated Epigenetic Myostatin Silencing. Molecular Therapy - Nucleic Acids, 2012, 1, e23.	2.3	23
22	MiR-135a promotes growth and invasion of colorectal cancer via metastasis suppressor 1 <italic>in vitro</italic> . Acta Biochimica Et Biophysica Sinica, 2012, 44, 838-846.	0.9	67
23	miRcode: a map of putative microRNA target sites in the long non-coding transcriptome. Bioinformatics, 2012, 28, 2062-2063.	1.8	634
24	Try to disarm the intruder or kill him!. Worm, 2012, 1, 212-215.	1.0	O
25	Epigenetic Alterations in Muscular Disorders. Comparative and Functional Genomics, 2012, 2012, 1-12.	2.0	7
26	Molecular Functions of Long Non-Coding RNAs in Plants. Genes, 2012, 3, 176-190.	1.0	139
27	A MicroRNA Superfamily Regulates Nucleotide Binding Site–Leucine-Rich Repeats and Other mRNAs. Plant Cell, 2012, 24, 859-874.	3.1	697
28	A New Level of Complexity. Circulation Research, 2012, 110, 1000-1013.	2.0	95
29	Conceptual approaches for IncRNA drug discovery and future strategies. Expert Opinion on Drug Discovery, 2012, 7, 503-513.	2.5	67
30	Transcriptome-wide miR-155 Binding Map Reveals Widespread Noncanonical MicroRNA Targeting. Molecular Cell, 2012, 48, 760-770.	4.5	290
31	Suppression of progenitor differentiation requires the long noncoding RNA ANCR. Genes and Development, 2012, 26, 338-343.	2.7	391
32	Epigenomics of cancer – emerging new concepts. Biochimie, 2012, 94, 2219-2230.	1.3	70
33	Emerging roles of nonâ€coding <scp>RNAs</scp> in pancreatic βâ€cell function and dysfunction. Diabetes, Obesity and Metabolism, 2012, 14, 12-21.	2.2	80
34	Regulation of mammalian cell differentiation by long nonâ€coding RNAs. EMBO Reports, 2012, 13, 971-983.	2.0	292
35	microRNAs in skeletal muscle differentiation and disease. Clinical Science, 2012, 123, 611-625.	1.8	75
36	Construction of short tandem target mimic (STTM) to block the functions of plant and animal microRNAs. Methods, 2012, 58, 118-125.	1.9	148

#	Article	IF	Citations
37	Coding genes join the nonâ€coding world. Pigment Cell and Melanoma Research, 2012, 25, 3-4.	1.5	2
38	Evidence for conserved post-transcriptional roles of unitary pseudogenes and for frequent bifunctionality of mRNAs. Genome Biology, 2012, 13, R102.	13.9	61
39	MicroRNAs and their targets: recognition, regulation and an emerging reciprocal relationship. Nature Reviews Genetics, 2012, 13, 271-282.	7.7	1,406
40	Novel regulatory mechanisms in inflammatory arthritis: a role for microRNA. Immunology and Cell Biology, 2012, 90, 288-292.	1.0	46
41	Regulation of eukaryotic gene expression by the untranslated gene regions and other non-coding elements. Cellular and Molecular Life Sciences, 2012, 69, 3613-3634.	2.4	481
42	MicroRNAs in autophagy and their emerging roles in crosstalk with apoptosis. Autophagy, 2012, 8, 873-882.	4.3	128
43	Pseudogenes: Newly Discovered Players in Human Cancer. Science Signaling, 2012, 5, re5.	1.6	125
44	Disease-linked microRNA-21 exhibits drastically reduced mRNA binding and silencing activity in healthy mouse liver. Rna, 2012, 18, 1510-1526.	1.6	43
45	Roles for MicroRNAs in Conferring Robustness to Biological Processes. Cell, 2012, 149, 515-524.	13.5	1,400
46	Alternative mRNA fates identified in microRNA-associated transcriptome analysis. BMC Genomics, 2012, 13, 561.	1.2	22
47	HERV-H RNA is abundant in human embryonic stem cells and a precise marker for pluripotency. Retrovirology, 2012, 9, 111.	0.9	188
48	Expression of micro <scp>RNA</scp> â€122 contributes to apoptosis in H9C2 myocytes. Journal of Cellular and Molecular Medicine, 2012, 16, 2637-2646.	1.6	28
49	Exon 45 Skipping Through U1-snRNA Antisense Molecules Recovers the Dys-nNOS Pathway and Muscle Differentiation in Human DMD Myoblasts. Molecular Therapy, 2012, 20, 2134-2142.	3.7	45
50	MicroRNAs regulate and provide robustness to the myogenic transcriptional network. Current Opinion in Pharmacology, 2012, 12, 383-388.	1.7	34
51	Neurodegeneration as an RNA disorder. Progress in Neurobiology, 2012, 99, 293-315.	2.8	52
52	Regulation of iron homeostasis by microRNAs. Cellular and Molecular Life Sciences, 2012, 69, 3945-3952.	2.4	23
53	New competition in RNA regulation. Nature Biotechnology, 2012, 30, 58-59.	9.4	12
54	Factors Involved in Signal Transduction During Vertebrate Myogenesis. International Review of Cell and Molecular Biology, 2012, 296, 187-272.	1.6	6

#	Article	IF	Citations
55	2011: Signaling Breakthroughs of the Year. Science Signaling, 2012, 5, eg1.	1.6	1
56	Transposable elements reveal a stem cell-specific class of long noncoding RNAs. Genome Biology, 2012, 13, R107.	13.9	462
57	The Influence of Competition Among C. elegans Small RNA Pathways on Development. Genes, 2012, 3, 671-685.	1.0	27
58	Emerging Roles for Long Non-Coding RNAs in Cancer and Neurological Disorders. Frontiers in Genetics, 2012, 3, 25.	1.1	85
59	Non-coding RNA and pseudogenes in neurodegenerative diseases: "The (un)Usual Suspects― Frontiers in Genetics, 2012, 3, 231.	1.1	40
60	Competing endogenous RNA database. Bioinformation, 2012, 8, 731-733.	0.2	86
61	DLK1-MEG3 Imprinted Domain MicroRNAs in Cancer Biology. Critical Reviews in Eukaryotic Gene Expression, 2012, 22, 1-15.	0.4	26
62	Implication of MicroRNAs in the Pathophysiology of Cardiac and Vascular Smooth Muscle Cells. , 0, , .		2
63	Emerging functional and mechanistic paradigms of mammalian long non-coding RNAs. Nucleic Acids Research, 2012, 40, 6391-6400.	6.5	583
64	Regulatory element copy number differences shape primate expression profiles. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12656-12661.	3.3	37
65	High-throughput assessment of microRNA activity and function using microRNA sensor and decoy libraries. Nature Methods, 2012, 9, 840-846.	9.0	379
66	Modular regulatory principles of large non-coding RNAs. Nature, 2012, 482, 339-346.	13.7	2,036
67	Long Noncoding RNA: Its Physiological and Pathological Roles. DNA and Cell Biology, 2012, 31, S-34-S-41.	0.9	88
68	Expressed Pseudogenes in the Transcriptional Landscape of Human Cancers. Cell, 2012, 149, 1622-1634.	13.5	250
69	Macro IncRNAs. RNA Biology, 2012, 9, 731-741.	1.5	67
70	The physiological impact of microRNA gene regulation in the retina. Cellular and Molecular Life Sciences, 2012, 69, 2739-2750.	2.4	53
71	Noncoding RNAs Involved in Mammary Gland Development and Tumorigenesis: There's a Long Way to Go. Journal of Mammary Gland Biology and Neoplasia, 2012, 17, 43-58.	1.0	55
72	General Principals of miRNA Biogenesis and Regulation in the Brain. Neuropsychopharmacology, 2013, 38, 39-54.	2.8	173

#	ARTICLE	IF	Citations
73	Upregulation of the long nonâ€coding rna hotair promotes esophageal squamous cell carcinoma metastasis and poor prognosis. Molecular Carcinogenesis, 2013, 52, 908-915.	1.3	201
74	Long non-coding RNA: a new player in cancer. Journal of Hematology and Oncology, 2013, 6, 37.	6.9	382
75	Competition between Pre-mRNAs for the Splicing Machinery Drives Global Regulation of Splicing. Molecular Cell, 2013, 51, 338-348.	4.5	99
77	The complex transcriptional landscape of the anucleate human platelet. BMC Genomics, 2013, 14, 1.	1.2	913
78	A long non-coding RNA signature in glioblastoma multiforme predicts survival. Neurobiology of Disease, 2013, 58, 123-131.	2.1	196
79	Long Non-coding RNAs: Novel Targets for Nervous System Disease Diagnosis and Therapy. Neurotherapeutics, 2013, 10, 632-646.	2.1	108
80	Minireview: Long Noncoding RNAs: New "Links―Between Gene Expression and Cellular Outcomes in Endocrinology. Molecular Endocrinology, 2013, 27, 1390-1402.	3.7	66
81	Long non-coding RNAs: A new frontier in the study of human diseases. Cancer Letters, 2013, 339, 159-166.	3.2	1,041
82	Identification of a long non-coding RNA-associated RNP complex regulating metastasis at the translational step. EMBO Journal, 2013, 32, 2672-2684.	3.5	152
83	Long Noncoding RNA: a New Player of Heart Failure?. Journal of Cardiovascular Translational Research, 2013, 6, 876-883.	1.1	101
84	From evolution to revolution: miRNAs as pharmacological targets for modulating cholesterol efflux and reverse cholesterol transport. Pharmacological Research, 2013, 75, 60-72.	3.1	40
85	Negative regulation of lncRNA GAS5 by miR-21. Cell Death and Differentiation, 2013, 20, 1558-1568.	5.0	387
86	Genome-wide survey by ChIP-seq reveals YY1 regulation of lincRNAs in skeletal myogenesis. EMBO Journal, 2013, 32, 2575-2588.	3.5	138
87	ADAR-mediated RNA editing in non-coding RNA sequences. Science China Life Sciences, 2013, 56, 944-952.	2.3	31
88	Can tobacco use promote HCV-induced miR-122 hijacking and hepatocarcinogenesis?. Medical Hypotheses, 2013, 80, 131-133.	0.8	10
89	Nonâ€coding RNAs and EZH2 interactions in cancer: Long and short tales from the transcriptome. International Journal of Cancer, 2013, 133, 267-274.	2.3	81
90	All's well that ends well: alternative polyadenylation and its implications for stem cell biology. Current Opinion in Cell Biology, 2013, 25, 222-232.	2.6	30
91	Expression and regulation of intergenic long noncoding RNAs during T cell development and differentiation. Nature Immunology, 2013, 14, 1190-1198.	7.0	414

#	Article	IF	Citations
92	RNA in unexpected places: long non-coding RNA functions in diverse cellular contexts. Nature Reviews Molecular Cell Biology, 2013, 14, 699-712.	16.1	1,306
93	The response to DNA damage during differentiation: Pathways and consequences. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2013, 743-744, 160-168.	0.4	41
94	Epigenetic regulation by long noncoding RNAs in plants. Chromosome Research, 2013, 21, 685-693.	1.0	107
95	Tackling Structures of Long Noncoding RNAs. International Journal of Molecular Sciences, 2013, 14, 23672-23684.	1.8	84
96	The role of non-coding RNAs in diabetic nephropathy: Potential applications as biomarkers for disease development and progression. Diabetes Research and Clinical Practice, 2013, 99, 1-11.	1.1	96
97	Context-specific microRNA function in developmental complexity. Journal of Molecular Cell Biology, 2013, 5, 73-84.	1.5	39
98	ceRNA Cross-Talk in Cancer: When ce-bling Rivalries Go Awry. Cancer Discovery, 2013, 3, 1113-1121.	7.7	750
99	Scaffold function of long non-coding RNA HOTAIR in protein ubiquitination. Nature Communications, 2013, 4, 2939.	5.8	382
100	MicroRNA Control of Vascular Endothelial Growth Factor Signaling Output During Vascular Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 193-200.	1.1	63
101	Emerging Roles of Competing Endogenous RNAs in Cancer: Insights from the Regulation of PTEN. Molecular and Cellular Biology, 2013, 33, 3976-3982.	1.1	67
102	Long non-coding RNA-guided regulation in organisms. Science China Life Sciences, 2013, 56, 891-896.	2.3	11
103	Measuring microRNA reporter activity in skeletal muscle using hydrodynamic limb vein injection of plasmid DNA combined with in vivo imaging. Skeletal Muscle, 2013, 3, 19.	1.9	7
104	LncRNA DQ786243 affects Treg related CREB and Foxp3 expression in Crohn's disease. Journal of Biomedical Science, 2013, 20, 87.	2.6	83
105	High-efficiency RNA cloning enables accurate quantification of miRNA expression by deep sequencing. Genome Biology, 2013, 14, R109.	13.9	55
106	mRNA–mRNA duplexes that autoelicit Staufen1-mediated mRNA decay. Nature Structural and Molecular Biology, 2013, 20, 1214-1220.	3.6	58
107	The Imprinted H19 LncRNA Antagonizes Let-7 MicroRNAs. Molecular Cell, 2013, 52, 101-112.	4.5	969
108	Editorial for "Diversity of the non-coding transcriptomes revealed by RNA-seq technologies― Methods, 2013, 63, 1-2.	1.9	2
109	Epigenetic control of skeletal muscle regeneration. FEBS Journal, 2013, 280, 4014-4025.	2.2	38

#	Article	IF	CITATIONS
110	microRNA-9 targets the long non-coding RNA MALAT1 for degradation in the nucleus. Scientific Reports, 2013, 3, 2535.	1.6	231
111	microRNA-mediated regulation of innate immune response in rheumatic diseases. Arthritis Research and Therapy, 2013, 15, 210.	1.6	34
112	Non-Coding RNAs: The "Dark Matter―of Cardiovascular Pathophysiology. International Journal of Molecular Sciences, 2013, 14, 19987-20018.	1.8	63
113	Versican 3′â€untranslated region (3′â€UTR) functions as a ceRNA in inducing the development of hepatocellular carcinoma by regulating miRNA activity. FASEB Journal, 2013, 27, 907-919.	0.2	113
114	Pivots of pluripotency: The roles of non-coding RNA in regulating embryonic and induced pluripotent stem cells. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2385-2394.	1.1	31
115	Posttranscriptional Gene Regulation by Long Noncoding RNA. Journal of Molecular Biology, 2013, 425, 3723-3730.	2.0	517
116	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
117	Long nonâ€coding RNAs in stem cell pluripotency. Wiley Interdisciplinary Reviews RNA, 2013, 4, 121-128.	3.2	29
118	Short Tandem Target Mimic: A Long Journey to the Engineered Molecular Landmine for Selective Destruction/Blockage of MicroRNAs in Plants and Animals. Journal of Genetics and Genomics, 2013, 40, 291-296.	1.7	24
119	The Functions of MicroRNAs and Long Non-coding RNAs in Embryonic and Induced Pluripotent Stem Cells. Genomics, Proteomics and Bioinformatics, 2013, 11, 275-283.	3.0	41
120	Could lncRNAs contribute to \hat{l}^2 -cell identity and its loss in TypeÂ2 diabetes?. Biochemical Society Transactions, 2013, 41, 797-801.	1.6	15
121	MicroRNAs in somatic cell reprogramming. Current Opinion in Cell Biology, 2013, 25, 208-214.	2.6	43
122	Stabilization of human interferon- $\hat{l}\pm 1$ mRNA by its antisense RNA. Cellular and Molecular Life Sciences, 2013, 70, 1451-1467.	2.4	34
123	Rise of the RNA Machines: Exploring the Structure of Long Non-Coding RNAs. Journal of Molecular Biology, 2013, 425, 3731-3746.	2.0	124
124	Circular RNAs are a large class of animal RNAs with regulatory potency. Nature, 2013, 495, 333-338.	13.7	6,474
125	Natural RNA circles function as efficient microRNA sponges. Nature, 2013, 495, 384-388.	13.7	6,415
126	Long Noncoding RNAs: Past, Present, and Future. Genetics, 2013, 193, 651-669.	1.2	1,641
127	MicroRNAs Involved in Skeletal Muscle Differentiation. Journal of Genetics and Genomics, 2013, 40, 107-116.	1.7	133

#	Article	IF	CITATIONS
128	Endogenous miRNA Sponge lincRNA-RoR Regulates Oct4, Nanog, and Sox2 in Human Embryonic Stem Cell Self-Renewal. Developmental Cell, 2013, 25, 69-80.	3.1	712
129	Panning for Long Noncoding RNAs. Biomolecules, 2013, 3, 226-241.	1.8	13
130	MicroRNAs as a Selective Channel of Communication between Competing RNAs: a Steady-State Theory. Biophysical Journal, 2013, 104, 1203-1213.	0.2	141
131	Repressing the Repressor: A lincRNA as a MicroRNA Sponge in Embryonic Stem Cell Self-Renewal. Developmental Cell, 2013, 25, 1-2.	3.1	58
132	Role of micro <scp>RNA</scp> s and longâ€nonâ€coding <scp>RNA</scp> s in <scp>CD</scp> 4 ⁺ Tâ€cell differentiation. Immunological Reviews, 2013, 253, 82-96.	2.8	79
133	Exploring the <scp>RNA</scp> world in hematopoietic cells through the lens of <scp>RNA</scp> â€binding proteins. Immunological Reviews, 2013, 253, 290-303.	2.8	16
134	miRNAs and long noncoding RNAs as biomarkers in human diseases. Expert Review of Molecular Diagnostics, 2013, 13, 183-204.	1.5	122
135	Long Noncoding RNAs: New Players in the Molecular Mechanism for Maintenance and Differentiation of Pluripotent Stem Cells. Stem Cells and Development, 2013, 22, 2240-2253.	1.1	93
136	Non-coding RNAs in the development of sensory organs and related diseases. Cellular and Molecular Life Sciences, 2013, 70, 4141-4155.	2.4	29
137	Integrated transcriptional and competitive endogenous RNA networks are cross-regulated in permissive molecular environments. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7154-7159.	3.3	303
138	Long noncoding RNAs in development and disease of the central nervous system. Trends in Genetics, 2013, 29, 461-468.	2.9	319
139	Getting to the heart of the matter: long non-coding RNAs in cardiac development and disease. EMBO Journal, 2013, 32, 1805-1816.	3.5	101
140	The dark matter rises: the expanding world of regulatory RNAs. Essays in Biochemistry, 2013, 54, 1-16.	2.1	73
141	On the classification of long non-coding RNAs. RNA Biology, 2013, 10, 924-933.	1.5	1,040
142	Targeting long non-coding RNA to therapeutically upregulate gene expression. Nature Reviews Drug Discovery, 2013, 12, 433-446.	21.5	460
143	miR-135a targets IRS2 and regulates insulin signaling and glucose uptake in the diabetic gastrocnemius skeletal muscle. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1294-1303.	1.8	79
144	Senescence-associated lncRNAs: senescence-associated long noncoding RNAs. Aging Cell, 2013, 12, 890-900.	3.0	184
145	The emerging roles of 3′ untranslated regions in cancer. Cancer Letters, 2013, 337, 22-25.	3.2	26

#	Article	IF	CITATIONS
146	Diversifying microRNA sequence and function. Nature Reviews Molecular Cell Biology, 2013, 14, 475-488.	16.1	1,066
147	Untranslated Gene Regions and Other Non-coding Elements. SpringerBriefs in Biochemistry and Molecular Biology, 2013, , 1-56.	0.3	4
148	<scp>PABPN</scp> 1: molecular function and muscle disease. FEBS Journal, 2013, 280, 4230-4250.	2.2	96
149	TINCR, staufen1, and cellular differentiation. RNA Biology, 2013, 10, 1597-1601.	1.5	66
150	Noncoding RNAs in Cardiovascular Biology and Disease. Circulation Research, 2013, 113, e115-20.	2.0	15
152	Long and Short Non-Coding RNAs as Regulators of Hematopoietic Differentiation. International Journal of Molecular Sciences, 2013, 14, 14744-14770.	1.8	58
153	Principles of miRNA-Target Regulation in Metazoan Models. International Journal of Molecular Sciences, 2013, 14, 16280-16302.	1.8	23
154	Biogenesis and function of non-coding RNAs in muscle differentiation and in Duchenne muscular dystrophy. Biochemical Society Transactions, 2013, 41, 844-849.	1.6	38
155	Detecting and Comparing Non-Coding RNAs in the High-Throughput Era. International Journal of Molecular Sciences, 2013, 14, 15423-15458.	1.8	22
156	Noncoding RNA in Oncogenesis: A New Era of Identifying Key Players. International Journal of Molecular Sciences, 2013, 14, 18319-18349.	1.8	94
157	Non-Coding RNAs in Muscle Dystrophies. International Journal of Molecular Sciences, 2013, 14, 19681-19704.	1.8	31
158	Long Non-Coding RNAs in Haematological Malignancies. International Journal of Molecular Sciences, 2013, 14, 15386-15422.	1.8	40
159	Regulation of Mammalian Gene Dosage by Long Noncoding RNAs. Biomolecules, 2013, 3, 124-142.	1.8	3
160	MicroRNA in myogenesis and muscle atrophy. Current Opinion in Clinical Nutrition and Metabolic Care, 2013, 16, 258-266.	1.3	125
161	Circ2Traits: a comprehensive database for circular RNA potentially associated with disease and traits. Frontiers in Genetics, 2013, 4, 283.	1.1	417
162	Dysregulation of Long Non-coding RNAs in Human Disease. , 2013, , 115-136.		1
163	Defective Regulation of MicroRNA Target Genes in Myoblasts from Facioscapulohumeral Dystrophy Patients. Journal of Biological Chemistry, 2013, 288, 34989-35002.	1.6	61
165	DIANA-LncBase: experimentally verified and computationally predicted microRNA targets on long non-coding RNAs. Nucleic Acids Research, 2013, 41, D239-D245.	6.5	327

#	Article	IF	CITATIONS
166	LNCipedia: a database for annotated human lncRNA transcript sequences and structures. Nucleic Acids Research, 2013, 41, D246-D251.	6.5	488
167	LncRNA loc285194 is a p53-regulated tumor suppressor. Nucleic Acids Research, 2013, 41, 4976-4987.	6.5	366
168	Compared Analysis of LncRNA Expression Profiling in <i>pdk1</i> Gene Knockout Mice at Two Time Points. Cellular Physiology and Biochemistry, 2013, 32, 1497-1508.	1.1	28
169	Long non-coding RNAs in pluripotent stem cell biology. Veterinary Quarterly, 2013, 33, 202-206.	3.0	4
170	Linc2GO: a human LincRNA function annotation resource based on ceRNA hypothesis. Bioinformatics, 2013, 29, 2221-2222.	1.8	103
171	MicroRNAs in regulation of pluripotency and somatic cell reprogramming. RNA Biology, 2013, 10, 1255-1261.	1.5	24
172	Deciphering the rules of ceRNA networks. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7112-7113.	3.3	52
173	The miR-17/92 cluster: a comprehensive update on its genomics, genetics, functions and increasingly important and numerous roles in health and disease. Cell Death and Differentiation, 2013, 20, 1603-1614.	5.0	722
174	Friend or foe: the role of microRNA in chemotherapy resistance. Acta Pharmacologica Sinica, 2013, 34, 870-879.	2.8	102
175	Molecular characterization of an X(p21.2;q28) chromosomal inversion in a Duchenne muscular dystrophy patient with mental retardation reveals a novel long non-coding gene on Xq28. Journal of Human Genetics, 2013, 58, 33-39.	1.1	14
176	Non-coding RNAs in homeostasis, disease and stress responses: an evolutionary perspective. Briefings in Functional Genomics, 2013, 12, 254-278.	1.3	111
178	Long noncoding RNAs in biology and hematopoiesis. Blood, 2013, 121, 4842-4846.	0.6	53
179	Expression profiling of IncRNAs in C3H10T1/2 mesenchymal stem cells undergoing early osteoblast differentiation. Molecular Medicine Reports, 2013, 8, 463-467.	1.1	60
180	Identification of a long non-coding RNA gene, growth hormone secretagogue receptor opposite strand, which stimulates cell migration in non-small cell lung cancer cell lines. International Journal of Oncology, 2013, 43, 566-574.	1.4	24
181	Regulatory Non-Coding RNAs in Pluripotent Stem Cells. International Journal of Molecular Sciences, 2013, 14, 14346-14373.	1.8	40
182	Therapeutic targeting of non-coding RNAs. Essays in Biochemistry, 2013, 54, 127-145.	2.1	51
183	A long non-coding RNA, PTCSC3, as a tumor suppressor and a target of miRNAs in thyroid cancer cells. Experimental and Therapeutic Medicine, 2013, 5, 1143-1146.	0.8	149
184	miRNAs in Cancer Prevention and Treatment and as Molecular Targets for Natural Product Anticancer Agents. Current Cancer Drug Targets, 2013, 13, 519-541.	0.8	33

#	Article	IF	CITATIONS
185	Molecular Pathways of Down Syndrome Critical Region Genes. , 0, , .		1
186	Role of MicroRNA 1207-5P and Its Host Gene, the Long Non-Coding RNA Pvt1, as Mediators of Extracellular Matrix Accumulation in the Kidney: Implications for Diabetic Nephropathy. PLoS ONE, 2013, 8, e77468.	1.1	135
187	Comprehensive Analysis of Long Non-Coding RNAs in Ovarian Cancer Reveals Global Patterns and Targeted DNA Amplification. PLoS ONE, 2013, 8, e80306.	1.1	90
188	microRNA as a Potential Vector for the Propagation of Robustness in Protein Expression and Oscillatory Dynamics within a ceRNA Network. PLoS ONE, 2013, 8, e83372.	1.1	15
189	Comparison of non-coding RNAs in human and canine cancer. Frontiers in Genetics, 2013, 4, 46.	1.1	24
190	Identification and function of long non-coding RNA. Frontiers in Cellular Neuroscience, 2013, 7, 168.	1.8	143
191	Non Coding RNA in Muscle Differentiation and Disease. MicroRNA (Shariqah, United Arab Emirates), 2013, 2, 91-101.	0.6	1
192	The Crosstalk between Micro RNA and Iron Homeostasis. International Journal of Genomic Medicine, 2013, 01, .	0.0	3
193	InCeDB: Database of Human Long Noncoding RNA Acting as Competing Endogenous RNA. PLoS ONE, 2014, 9, e98965.	1.1	150
194	LncRBase: An Enriched Resource for IncRNA Information. PLoS ONE, 2014, 9, e108010.	1.1	60
195	LOC401317, a p53-Regulated Long Non-Coding RNA, Inhibits Cell Proliferation and Induces Apoptosis in the Nasopharyngeal Carcinoma Cell Line HNE2. PLoS ONE, 2014, 9, e110674.	1.1	93
196	Developmental Programming of Long Non-Coding RNAs during Postnatal Liver Maturation in Mice. PLoS ONE, 2014, 9, e114917.	1.1	25
197	Competing Endogenous RNA: The Key to Posttranscriptional Regulation. Scientific World Journal, The, 2014, 2014, 1-6.	0.8	242
198	Regulation of metabolism by long, non-coding RNAs. Frontiers in Genetics, 2014, 5, 57.	1.1	160
199	Long noncoding RNAs (IncRNAs) and the molecular hallmarks of aging. Aging, 2014, 6, 992-1009.	1.4	189
200	MIR135A1 (microRNA 135a-1). Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2014, , .	0.1	0
201	Long noncoding RNAs: versatile players in biologcial processes and human disorders. Epigenomics, 2014, 6, 375-379.	1.0	10
202	Evidence for a crucial role of a host non-coding RNA in influenza A virus replication. RNA Biology, 2014, 11, 66-75.	1.5	90

#	Article	IF	CITATIONS
203	Genome-wide screening and functional analysis identify a large number of long noncoding RNAs involved in the sexual reproduction of rice. Genome Biology, 2014, 15, 512.	3.8	475
204	The miR-206/133b cluster is dispensable for development, survival and regeneration of skeletal muscle. Skeletal Muscle, 2014, 4, 23.	1.9	74
205	P53-regulated long non-coding RNA TUG1 affects cell proliferation in human non-small cell lung cancer, partly through epigenetically regulating HOXB7 expression. Cell Death and Disease, 2014, 5, e1243-e1243.	2.7	379
206	Not <scp>miR</scp> â€ly micromanagers: the functions and regulatory networks of microRNAs in mammalian skin. Wiley Interdisciplinary Reviews RNA, 2014, 5, 849-865.	3.2	8
207	A novel biomarker Linc00974 interacting with KRT19 promotes proliferation and metastasis in hepatocellular carcinoma. Cell Death and Disease, 2014, 5, e1549-e1549.	2.7	165
208	Long Noncoding RNAs in Breast Cancer: Implications for Pathogenesis, Diagnosis, and Therapy. , 2014, , 153-170.		1
209	The transient expression of miR-203 and its inhibiting effects on skeletal muscle cell proliferation and differentiation. Cell Death and Disease, 2014, 5, e1347-e1347.	2.7	97
210	Notch signaling regulates myogenic regenerative capacity of murine and human mesoangioblasts. Cell Death and Disease, 2014, 5, e1448-e1448.	2.7	32
211	miRNA function and modulation in stem cells and cancer stem cells. MicroRNA Diagnostics and Therapeutics, 2014, 1 , .	0.0	1
212	The IncRNA-MYC regulatory network in cancer. Tumor Biology, 2014, 35, 9497-9503.	0.8	43
213	Functional Analysis of Long Noncoding RNAs in Development and Disease. Advances in Experimental Medicine and Biology, 2014, 825, 129-158.	0.8	61
214	AnaLysis of Expression on human chromosome 21, ALE-HSA21: a pilot integrated web resource. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau009.	1.4	12
215	MicroRNAs, Major Players in B Cells Homeostasis and Function. Frontiers in Immunology, 2014, 5, 98.	2.2	45
216	A Model for the Epigenetic Switch Linking Inflammation to Cell Transformation: Deterministic and Stochastic Approaches. PLoS Computational Biology, 2014, 10, e1003455.	1.5	17
217	Exploring the miRNA Regulatory Network Using Evolutionary Correlations. PLoS Computational Biology, 2014, 10, e1003860.	1.5	7
218	HumanViCe: host ceRNA network in virus infected cells in human. Frontiers in Genetics, 2014, 5, 249.	1.1	41
219	Six Homeoproteins and a linc-RNA at the Fast MYH Locus Lock Fast Myofiber Terminal Phenotype. PLoS Genetics, 2014, 10, e1004386.	1.5	56
220	BCL6 corepressor gene dysregulation due to chromosomal translocation in acute myeloid leukemia: a new mechanism based on long non-coding RNA dislocation?. Leukemia and Lymphoma, 2014, 55, 2199-2201.	0.6	2

#	Article	IF	Citations
221	Comparison of Long Noncoding RNA and mRNA Expression Profiles in Mesenchymal Stem Cells Derived from Human Periodontal Ligament and Bone Marrow. BioMed Research International, 2014, 2014, 1-12.	0.9	21
223	The H19/let-7 double-negative feedback loop contributes to glucose metabolism in muscle cells. Nucleic Acids Research, 2014, 42, 13799-13811.	6.5	218
224	LncRNAs: New Players in Apoptosis Control. International Journal of Cell Biology, 2014, 2014, 1-7.	1.0	101
225	Noncoding RNAs: Emerging Players in Muscular Dystrophies. BioMed Research International, 2014, 2014, 1-12.	0.9	17
226	MDRL IncRNA Regulates the Processing of miR-484 Primary Transcript by Targeting miR-361. PLoS Genetics, 2014, 10, e1004467.	1.5	108
227	Pseudogene CYP4Z2P 3′UTR promotes angiogenesis in breast cancer. Biochemical and Biophysical Research Communications, 2014, 453, 545-551.	1.0	22
228	3′UTRs take a long shot in the brain. BioEssays, 2014, 36, 39-45.	1.2	29
229	Integrating omics into the cardiac differentiation of human pluripotent stem cells. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2014, 6, 311-328.	6.6	4
230	H19 long noncoding RNA controls the mRNA decay promoting function of KSRP. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5023-8.	3.3	104
231	Competition and collaboration between <scp>RNA</scp> â€binding proteins and <scp>microRNAs</scp> . Wiley Interdisciplinary Reviews RNA, 2014, 5, 69-86.	3.2	39
232	Long non-coding RNAs as emerging regulators of differentiation, development, and disease Transcription, 2014, 5, e944014.	1.7	287
233	Converging pathways involving microRNA-206 and the RNA-binding protein KSRP control post-transcriptionally utrophin A expression in skeletal muscle. Nucleic Acids Research, 2014, 42, 3982-3997.	6.5	23
234	MicroRNAs in Alcohol Abuse and Toxicity. , 2014, , 497-521.		1
235	Systematic exploration of autonomous modules in noisy microRNA-target networks for testing the generality of the ceRNA hypothesis. BMC Genomics, 2014, 15, 1178.	1.2	10
236	Computational analysis identifies a sponge interaction network between long non-coding RNAs and messenger RNAs in human breast cancer. BMC Systems Biology, 2014, 8, 83.	3.0	233
237	Noncoding RNAs in vascular disease. Current Opinion in Cardiology, 2014, 29, 199-206.	0.8	32
238	Small and Long Regulatory RNAs in the Immune System and Immune Diseases. Frontiers in Immunology, 2014, 5, 513.	2.2	45
239	The Epithelial-Mesenchymal Transition Factor SNAIL Paradoxically Enhances Reprogramming. Stem Cell Reports, 2014, 3, 691-698.	2.3	75

#	Article	IF	CITATIONS
240	Non-Coding RNAs Including miRNAs and IncRNAs in Cardiovascular Biology and Disease. Cells, 2014, 3, 883-898.	1.8	117
241	Regulation of Cardiac Cell Fate by microRNAs: Implications for Heart Regeneration. Cells, 2014, 3, 996-1026.	1.8	25
242	Cell cycle, oncogenic and tumor suppressor pathways regulate numerous long and macro non-protein-coding RNAs. Genome Biology, 2014, 15, R48.	13.9	37
243	Predicting targeted drug combinations based on Pareto optimal patterns of coexpression network connectivity. Genome Medicine, 2014, 6, 33.	3.6	10
244	MicroRNAs in Cancer. Annual Review of Pathology: Mechanisms of Disease, 2014, 9, 287-314.	9.6	1,445
245	Systems Analysis of Chromatin-Related Protein Complexes in Cancer. , 2014, , .		0
246	<scp>RNAs</scp> with multiple personalities. Wiley Interdisciplinary Reviews RNA, 2014, 5, 1-13.	3.2	38
247	Life without A tail: New formats of long noncoding RNAs. International Journal of Biochemistry and Cell Biology, 2014, 54, 338-349.	1.2	104
248	MicroRNA-133a regulates insulin-like growth factor-1 receptor expression and vascular smooth muscle cell proliferation in murine atherosclerosis. Atherosclerosis, 2014, 232, 171-179.	0.4	63
249	Noncoding RNAs in DNA Repair and Genome Integrity. Antioxidants and Redox Signaling, 2014, 20, 655-677.	2.5	44
250	ncRNA–Protein Interactions in Development and Disease from the Perspective of High-Throughput Studies. , 2014, , 87-115.		0
251	CARL IncRNA inhibits anoxia-induced mitochondrial fission and apoptosis in cardiomyocytes by impairing miR-539-dependent PHB2 downregulation. Nature Communications, 2014, 5, 3596.	5.8	388
252	Long noncoding RNAs during normal and malignant hematopoiesis. International Journal of Hematology, 2014, 99, 531-541.	0.7	42
253	Fragile X Syndrome: From molecular pathology to therapy. Neuroscience and Biobehavioral Reviews, 2014, 46, 242-255.	2.9	96
254	Regulatory non-coding RNAs: revolutionizing the RNA world. Molecular Biology Reports, 2014, 41, 3915-3923.	1.0	54
255	Long non-coding RNA in health and disease. Journal of Molecular Medicine, 2014, 92, 337-346.	1.7	221
256	The panorama of miRNA-mediated mechanisms in mammalian cells. Cellular and Molecular Life Sciences, 2014, 71, 2253-2270.	2.4	88
257	Fate choice of post-natal mesoderm progenitors: skeletal versus cardiac muscle plasticity. Cellular and Molecular Life Sciences, 2014, 71, 615-627.	2.4	8

#	Article	IF	Citations
258	Emerging trends of long nonâ€coding <scp>RNA</scp> s in gene activation. FEBS Journal, 2014, 281, 34-45.	2.2	38
259	Non-coding RNA regulation of synaptic plasticity and memory: Implications for aging. Ageing Research Reviews, 2014, 17, 34-42.	5.0	42
260	<scp>miRNA</scp> Âsponges:ÂsoakingÂupÂ <scp>miRNAs</scp> for regulation of gene expression. Wiley Interdisciplinary Reviews RNA, 2014, 5, 317-333.	3.2	199
261	The STAT3-Binding Long Noncoding RNA Inc-DC Controls Human Dendritic Cell Differentiation. Science, 2014, 344, 310-313.	6.0	967
262	A Long Noncoding RNA Activated by TGF- \hat{l}^2 Promotes the Invasion-Metastasis Cascade in Hepatocellular Carcinoma. Cancer Cell, 2014, 25, 666-681.	7.7	1,392
263	Assessing the ceRNA Hypothesis with Quantitative Measurements of miRNA and Target Abundance. Molecular Cell, 2014, 54, 766-776.	4.5	579
264	Role of the lncRNA-p53 regulatory network in cancer. Journal of Molecular Cell Biology, 2014, 6, 181-191.	1.5	131
265	IncRNAs: Insights into their function and mechanics in underlying disorders. Mutation Research - Reviews in Mutation Research, 2014, 762, 1-21.	2.4	196
266	Missing links in cardiology: long non-coding RNAs enter the arena. Pflugers Archiv European Journal of Physiology, 2014, 466, 1177-1187.	1.3	16
267	No Gene in the Genome Makes Sense Except in the Light of Evolution. Annual Review of Genomics and Human Genetics, 2014, 15, 71-92.	2.5	19
269	RAID: a comprehensive resource for human RNA-associated (RNA–RNA/RNA–protein) interaction. Rna, 2014, 20, 989-993.	1.6	54
270	Long noncoding RNAs in innate and adaptive immunity. Current Opinion in Immunology, 2014, 26, 140-146.	2.4	193
271	Long noncoding RNAs: Novel insights into hepatocelluar carcinoma. Cancer Letters, 2014, 344, 20-27.	3.2	377
272	The evolution of IncRNA repertoires and expression patterns in tetrapods. Nature, 2014, 505, 635-640.	13.7	898
273	<i>PCAT-1</i> , a Long Noncoding RNA, Regulates BRCA2 and Controls Homologous Recombination in Cancer. Cancer Research, 2014, 74, 1651-1660.	0.4	237
274	The multilayered complexity of ceRNA crosstalk and competition. Nature, 2014, 505, 344-352.	13.7	3,223
275	Long non-coding RNAs: new players in cell differentiation and development. Nature Reviews Genetics, 2014, 15, 7-21.	7.7	2,616
276	starBase v2.0: decoding miRNA-ceRNA, miRNA-ncRNA and protein–RNA interaction networks from large-scale CLIP-Seq data. Nucleic Acids Research, 2014, 42, D92-D97.	6.5	4,113

#	ARTICLE	IF	CITATIONS
277	Analysing the relationship between lnc <scp>RNA</scp> and proteinâ€coding gene and the role of lnc <scp>RNA</scp> as ce <scp>RNA</scp> in pulmonary fibrosis. Journal of Cellular and Molecular Medicine, 2014, 18, 991-1003.	1.6	171
278	Endogenous miRNA and Target Concentrations Determine Susceptibility to Potential ceRNA Competition. Molecular Cell, 2014, 56, 347-359.	4.5	354
279	Endogenous RNAs Modulate MicroRNA Sorting to Exosomes and Transfer to Acceptor Cells. Cell Reports, 2014, 8, 1432-1446.	2.9	504
280	RARs and MicroRNAs. Sub-Cellular Biochemistry, 2014, 70, 151-179.	1.0	14
281	RNA-Based Regulation: Dynamics and Response to Perturbations of Competing RNAs. Biophysical Journal, 2014, 107, 1011-1022.	0.2	27
282	Identification and Initial Functional Characterization of a Human Vascular Cell–Enriched Long Noncoding RNA. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1249-1259.	1.1	247
283	Detection of $1\hat{l}_{\pm}$,25-Dihydroxyvitamin D-Regulated miRNAs in Zebrafish by Whole Transcriptome Sequencing. Zebrafish, 2014, 11, 207-218.	0.5	14
284	Epigenetics: the language of the cell?. Epigenomics, 2014, 6, 73-88.	1.0	71
285	Sponging of cellular proteins by viral RNAs. Current Opinion in Virology, 2014, 9, 14-18.	2.6	16
286	Dicer-microRNA-Myc circuit promotes transcription of hundreds of long noncoding RNAs. Nature Structural and Molecular Biology, 2014, 21, 585-590.	3.6	90
287	Regulatory nonâ€coding transcripts in spermatogenesis: shedding light on â€dark matter'. Andrology, 2014, 2, 360-369.	1.9	63
288	The Varied Roles of Nuclear Argonaute-Small RNA Complexes and Avenues for Therapy. Molecular Therapy - Nucleic Acids, 2014, 3, e203.	2.3	14
289	Therapeutic targeting of microRNAs: current status and future challenges. Nature Reviews Drug Discovery, 2014, 13, 622-638.	21.5	874
290	The decalog of long non-coding RNA involvement in cancer diagnosis and monitoring. Critical Reviews in Clinical Laboratory Sciences, 2014, 51, 344-357.	2.7	103
291	Noncoding RNAs: key molecules in understanding and treating pain. Trends in Molecular Medicine, 2014, 20, 437-448.	3.5	94
292	The role of long non-coding RNAs in neurodevelopment, brain function and neurological disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130507.	1.8	164
293	Regulation of microRNA-mediated gene silencing by microRNA precursors. Nature Structural and Molecular Biology, 2014, 21, 825-832.	3.6	23
294	The pseudogene TUSC2P promotes TUSC2 function by binding multiple microRNAs. Nature Communications, 2014, 5, 2914.	5.8	93

#	ARTICLE	IF	CITATIONS
295	LincRNA-ROR induces epithelial-to-mesenchymal transition and contributes to breast cancer tumorigenesis and metastasis. Cell Death and Disease, 2014, 5, e1287-e1287.	2.7	297
296	Regulation of microRNA function in somatic stem cell proliferation and differentiation. Nature Reviews Molecular Cell Biology, 2014, 15, 565-576.	16.1	331
297	Additional stories of microRNAs. Experimental Biology and Medicine, 2014, 239, 1275-1279.	1.1	22
298	Evolutionary dynamics of coding and non-coding transcriptomes. Nature Reviews Genetics, 2014, 15, 734-748.	7.7	209
299	miRNAs and lncRNAs in vascular injury and remodeling. Science China Life Sciences, 2014, 57, 826-835.	2.3	46
300	Long non-coding RNAs in colorectal cancer: implications for pathogenesis and clinical application. Modern Pathology, 2014, 27, 1310-1320.	2.9	101
301	Long non-coding RNAs and chromatin modifiers. Epigenetics, 2014, 9, 21-26.	1.3	165
302	Understanding principles of <scp>miRNA</scp> target recognition and function through integrated biological and bioinformatics approaches. Wiley Interdisciplinary Reviews RNA, 2014, 5, 361-379.	3.2	60
303	Symbolic Extensions Applied to Multiscale Structure of Genomes. Acta Biotheoretica, 2014, 62, 145-169.	0.7	1
304	miR-21 modulates chemosensitivity of tongue squamous cell carcinoma cells to cisplatin by targeting PDCD4. Molecular and Cellular Biochemistry, 2014, 390, 253-262.	1.4	62
305	The Long Noncoding RNA CHRF Regulates Cardiac Hypertrophy by Targeting miR-489. Circulation Research, 2014, 114, 1377-1388.	2.0	525
306	Long noncoding RNAs, emerging players in muscle differentiation and disease. Skeletal Muscle, 2014, 4, 8.	1.9	108
307	Computational identification of human long intergenic non-coding RNAs using a GA–SVM algorithm. Gene, 2014, 533, 94-99.	1.0	34
308	A long non-coding RNA transcribed from conserved non-coding sequences contributes to the mouse prolyl oligopeptidase gene activation. Journal of Biochemistry, 2014, 155, 243-256.	0.9	17
309	H19 promotes pancreatic cancer metastasis by derepressing let-7's suppression on its target HMGA2-mediated EMT. Tumor Biology, 2014, 35, 9163-9169.	0.8	258
310	Downregulation of BRAF activated non-coding RNA is associated with poor prognosis for non-small cell lung cancer and promotes metastasis by affecting epithelial-mesenchymal transition. Molecular Cancer, 2014, 13, 68.	7.9	193
311	Lnc RNA HOTAIR functions as a competing endogenous RNA to regulate HER2 expression by sponging miR-331-3p in gastric cancer. Molecular Cancer, 2014, 13, 92.	7.9	840
312	Cross talk between spliceosome and microprocessor defines the fate of preâ€∢scp>mRNA. Wiley Interdisciplinary Reviews RNA, 2014, 5, 647-658.	3.2	26

#	Article	IF	Citations
313	The ways of action of long non-coding RNAs in cytoplasm and nucleus. Gene, 2014, 547, 1-9.	1.0	190
315	Pseudogenes. Methods in Molecular Biology, 2014, 1167, v.	0.4	5
316	Long Noncoding RNAs as Putative Biomarkers for Prostate Cancer Detection. Journal of Molecular Diagnostics, 2014, 16, 615-626.	1.2	75
317	Conserved expression of lincRNA during human and macaque prefrontal cortex development and maturation. Rna, 2014, 20, 1103-1111.	1.6	59
318	RNA-Seq Reveals Novel Transcriptional Reorganization in Human Alcoholic Brain. International Review of Neurobiology, 2014, 116, 275-300.	0.9	50
319	Long non-coding RNAs and control of gene expression in the immune system. Trends in Molecular Medicine, 2014, 20, 623-631.	3.5	229
320	Identification of a novel MTOR activator and discovery of a competing endogenous RNA regulating autophagy in vascular endothelial cells. Autophagy, 2014, 10, 957-971.	4.3	139
321	Expression of Mosquito MicroRNA Aae-miR-2940-5p Is Downregulated in Response to West Nile Virus Infection To Restrict Viral Replication. Journal of Virology, 2014, 88, 8457-8467.	1.5	90
322	Gene Regulatory Networks and Transcriptional Mechanisms that Control Myogenesis. Developmental Cell, 2014, 28, 225-238.	3.1	500
323	Regulation of mammary epithelial cell homeostasis by lncRNAs. International Journal of Biochemistry and Cell Biology, 2014, 54, 318-330.	1.2	24
324	Versican 3′-untranslated region (3′UTR) promotes dermal wound repair and fibroblast migration by regulating miRNA activity. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 1373-1385.	1.9	18
325	Distinct expression profiles of LncRNAs between brown adipose tissue and skeletal muscle. Biochemical and Biophysical Research Communications, 2014, 443, 1028-1034.	1.0	32
326	A Feedforward Regulatory Loop between HuR and the Long Noncoding RNA linc-MD1 Controls Early Phases of Myogenesis. Molecular Cell, 2014, 53, 506-514.	4.5	202
327	MicroRNA Target Identification: Lessons from HypoxamiRs. Antioxidants and Redox Signaling, 2014, 21, 1249-1268.	2.5	12
328	Long Noncoding RNAs in Cell-Fate Programming and Reprogramming. Cell Stem Cell, 2014, 14, 752-761.	5.2	461
329	Functional interactions among microRNAs and long noncoding RNAs. Seminars in Cell and Developmental Biology, 2014, 34, 9-14.	2.3	561
330	Regulation of pri-miRNA Processing by a Long Noncoding RNA Transcribed from an Ultraconserved Region. Molecular Cell, 2014, 55, 138-147.	4. 5	137
331	Hydrogen peroxide responsive miR153 targets Nrf2/ARE cytoprotection in paraquat induced dopaminergic neurotoxicity. Toxicology Letters, 2014, 228, 179-191.	0.4	78

#	Article	IF	CITATIONS
332	Interactions between Distant ceRNAs in Regulatory Networks. Biophysical Journal, 2014, 106, 2254-2266.	0.2	41
333	Conserved regions of the DMD 3′ UTR regulate translation and mRNA abundance in cultured myotubes. Neuromuscular Disorders, 2014, 24, 693-706.	0.3	4
334	Competing endogenous RNAs (ceRNAs): new entrants to the intricacies of gene regulation. Frontiers in Genetics, 2014, 5, 8.	1.1	328
335	Emerging bioinformatics approaches for analysis of NGS-derived coding and non-coding RNAs in neurodegenerative diseases. Frontiers in Cellular Neuroscience, 2014, 8, 89.	1.8	17
336	Enhanced Northern Blot Detection of Small RNA Species in Drosophila Melanogaster . Journal of Visualized Experiments, 2014, , .	0.2	4
337	Non-coding RNAs as epigenetic regulator of glioma stem-like cell differentiation. Frontiers in Genetics, 2014, 5, 14.	1.1	33
338	Effects of GWAS-Associated Genetic Variants on IncRNAs within IBD and T1D Candidate Loci. PLoS ONE, 2014, 9, e105723.	1.1	74
339	miR-7 inhibits glioblastoma growth by simultaneously interfering with the PI3K/ATK and Raf/MEK/ERK pathways. International Journal of Oncology, 2014, 44, 1571-1580.	1.4	126
340	Role of microRNA-29b in angiotensin II-induced epithelial-mesenchymal transition in renal tubular epithelial cells. International Journal of Molecular Medicine, 2014, 34, 1381-1387.	1.8	32
341	Cyclic RNA has-circ-000595 regulates apoptosis of aortic smooth muscle cells. Molecular Medicine Reports, 2015, 12, 6656-6662.	1.1	66
342	Long nonâ€coding RNA regulation of reproduction and development. Molecular Reproduction and Development, 2015, 82, 932-956.	1.0	140
343	Novel long non-coding RNA RP11-119F7.4 as a potential biomarker for the development and progression of gastric cancer. Oncology Letters, 2015, 10, 115-120.	0.8	35
344	Long noncoding RNA FER1L4 suppresses cancer cell growth by acting as a competing endogenous RNA and regulating PTEN expression. Scientific Reports, 2015, 5, 13445.	1.6	138
345	DNA methylation signatures of long intergenic noncoding RNAs in porcine adipose and muscle tissues. Scientific Reports, 2015, 5, 15435.	1.6	29
346	Competing endogenous RNA: A novel posttranscriptional regulatory dimension associated with the progression of cancer. Oncology Letters, 2015, 10, 2683-2690.	0.8	28
347	Comprehensive comparative homeobox gene annotation in human and mouse. Database: the Journal of Biological Databases and Curation, 2015, 2015, .	1.4	12
348	Genome wide discovery of long intergenic non-coding RNAs in Diamondback moth (Plutella) Tj ETQq0 0 0 rgBT	/Overlock I	10 <u>Тf</u> 50 102 Т
349	BALR-6 regulates cell growth and cell survival in B-lymphoblastic leukemia. Molecular Cancer, 2015, 14, 214.	7.9	29

#	Article	IF	CITATIONS
350	Cooperation meets competition inÂmicroRNA-mediated DMPK transcript regulation. Nucleic Acids Research, 2015, 43, 9500-9518.	6.5	26
351	MONSTER v1.1: a tool to extract and search for RNA non-branching structures. BMC Genomics, 2015, 16, S1.	1.2	15
352	Global identification and analysis of long non-coding RNAs in diploid strawberry Fragaria vesca during flower and fruit development. BMC Genomics, 2015, 16, 815.	1.2	106
353	Genome-wide identification and functional analysis of lincRNAs acting as miRNA targets or decoys in maize. BMC Genomics, 2015, 16, 793.	1.2	94
354	Noncoding RNAs, post-transcriptional RNA operons and Chinese hamster ovary cells. Pharmaceutical Bioprocessing, 2015, 3, 227-247.	0.8	15
355	Proteomic screening and identification of microRNAâ€128 targets in glioma cells. Proteomics, 2015, 15, 2602-2617.	1.3	6
356	Long nonâ€coding RNA: A new paradigm for lung cancer. Molecular Carcinogenesis, 2015, 54, 1235-1251.	1.3	87
357	miRSponge: a manually curated database for experimentally supported miRNA sponges and ceRNAs. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav098.	1.4	112
358	LncReg: a reference resource for lncRNA-associated regulatory networks. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav083.	1.4	55
359	Noncoding <scp>RNA</scp> control of cellular senescence. Wiley Interdisciplinary Reviews RNA, 2015, 6, 615-629.	3.2	71
360	MicroRNA activity profile in the ovarian cancer cell line OVCAR3 identifies a proapoptotic effect of miR-23a. Advances in Genomics and Genetics, 2015, , 355.	0.8	0
361	Long Non-Coding RNAs: The Key Players in Glioma Pathogenesis. Cancers, 2015, 7, 1406-1424.	1.7	77
362	The long non-coding RNA HNF1A-AS1 regulates proliferation and metastasis in lung adenocarcinoma. Oncotarget, 2015, 6, 9160-9172.	0.8	141
363	Roles of the canonical myomiRs miR-1, -133 and -206 in cell development and disease. World Journal of Biological Chemistry, 2015, 6, 162.	1.7	128
364	Long noncoding RNAs: from identification to functions and mechanisms. Advances in Genomics and Genetics, 0, , 257.	0.8	7
365	MiR-206, a Key Modulator of Skeletal Muscle Development and Disease. International Journal of Biological Sciences, 2015, 11, 345-352.	2.6	173
366	Noncoding RNAs, Emerging Regulators of Skeletal Muscle Development and Diseases. BioMed Research International, 2015, 2015, 1-17.	0.9	82
367	Long Noncoding RNA: its partners and their roles in cancer. Neoplasma, 2015, 62, 846-854.	0.7	12

#	Article	IF	CITATIONS
368	The lncRNA H19 promotes epithelial to mesenchymal transition by functioning as miRNA sponges in colorectal cancer. Oncotarget, 2015, 6, 22513-22525.	0.8	533
369	EZH2 in Bladder Cancer, a Promising Therapeutic Target. International Journal of Molecular Sciences, 2015, 16, 27107-27132.	1.8	57
370	Long Intergenic Non-Coding RNAs: Novel Drivers of Human Lymphocyte Differentiation. Frontiers in Immunology, 2015, 6, 175.	2.2	21
371	Dynamic expression of long noncoding RNAs and repeat elements in synaptic plasticity. Frontiers in Neuroscience, 2015, 9, 351.	1.4	46
372	The IncRNA RZE1 Controls Cryptococcal Morphological Transition. PLoS Genetics, 2015, 11, e1005692.	1.5	49
373	LINC00152 promotes proliferation in hepatocellular carcinoma by targeting EpCAM via the mTOR signaling pathway. Oncotarget, 2015, 6, 42813-42824.	0.8	131
374	PVT1: A Rising Star among Oncogenic Long Noncoding RNAs. BioMed Research International, 2015, 2015, 1-10.	0.9	191
375	Expression Signatures of Long Noncoding RNAs in Adolescent Idiopathic Scoliosis. BioMed Research International, 2015, 2015, 1-9.	0.9	19
376	New insights into the epigenetic control of satellite cells. World Journal of Stem Cells, 2015, 7, 945.	1.3	26
377	A long noncoding RNA AB073614 promotes tumorigenesis and predicts poor prognosis in ovarian cancer. Oncotarget, 2015, 6, 25381-25389.	0.8	80
378	Noncoding RNA in age-related cardiovascular diseases. Journal of Molecular and Cellular Cardiology, 2015, 83, 142-155.	0.9	99
379	Individual Noncoding RNA Variations. , 2015, , 83-122.		0
380	A network comprising short and long noncoding RNAs and RNA helicase controls mouse retina architecture. Nature Communications, 2015, 6, 7305.	5.8	76
381	Study strategies for long non-coding RNAs and their roles in regulating gene expression. Cellular and Molecular Biology Letters, 2015, 20, 323-49.	2.7	6
382	The use of high-throughput sequencing methods for plant microRNA research. RNA Biology, 2015, 12, 709-719.	1.5	50
383	Regulation of Skeletal Muscle Development and Disease by microRNAs. Results and Problems in Cell Differentiation, 2015, 56, 165-190.	0.2	15
384	Downregulation of lncRNA TUG1 Affects Apoptosis and Insulin Secretion in Mouse Pancreatic \hat{l}^2 Cells. Cellular Physiology and Biochemistry, 2015, 35, 1892-1904.	1.1	129
385	The short and long of noncoding sequences in the control of vascular cell phenotypes. Cellular and Molecular Life Sciences, 2015, 72, 3457-3488.	2.4	34

#	Article	IF	CITATIONS
386	Basic biology and therapeutic implications of lncRNA. Advanced Drug Delivery Reviews, 2015, 87, 15-24.	6.6	272
387	Amplification of Long Noncoding RNA ZFAS1 Promotes Metastasis in Hepatocellular Carcinoma. Cancer Research, 2015, 75, 3181-3191.	0.4	268
388	A new microRNA signal pathway regulated by long noncoding RNA TGFB2-OT1 in autophagy and inflammation of vascular endothelial cells. Autophagy, 2015, 11, 2172-2183.	4.3	132
389	FDF-PAGE: a powerful technique revealing previously undetected small RNAs sequestered by complementary transcripts. Nucleic Acids Research, 2015, 43, 7590-7599.	6.5	32
390	On the availability of microRNA-induced silencing complexes, saturation of microRNA-binding sites and stoichiometry. Nucleic Acids Research, 2015, 43, 7556-7565.	6.5	32
391	Linc-YY1 promotes myogenic differentiation and muscle regeneration through an interaction with the transcription factor YY1. Nature Communications, 2015, 6, 10026.	5.8	168
392	miRâ€190a inhibits epithelial–mesenchymal transition of hepatoma cells via targeting the long nonâ€coding RNA treRNA. FEBS Letters, 2015, 589, 4079-4087.	1.3	23
393	Computational prediction of competitive endogenous RNA. , 2015, , .		0
394	MALAT1 functions as a competing endogenous RNA to mediate Rac1 expression by sequestering miR-101b in liver fibrosis. Cell Cycle, 2015, 14, 3885-3896.	1.3	111
395	Regulation of Smooth Muscle Contractility by Competing Endogenous mRNAs in Intracranial Aneurysms. Journal of Neuropathology and Experimental Neurology, 2015, 74, 411-424.	0.9	15
396	Long noncoding RNAs in development and cancer: potential biomarkers and therapeutic targets. Molecular and Cellular Therapies, 2015, 3, 5.	0.2	230
397	Hepatitis B Virus Regulates Apoptosis and Tumorigenesis through the MicroRNA-15a-Smad7-Transforming Growth Factor Beta Pathway. Journal of Virology, 2015, 89, 2739-2749.	1.5	43
398	LncRNA Expression Discriminates Karyotype and Predicts Survival in B-Lymphoblastic Leukemia. Molecular Cancer Research, 2015, 13, 839-851.	1.5	81
399	Identification of 4438 novel lincRNAs involved in mouse pre-implantation embryonic development. Molecular Genetics and Genomics, 2015, 290, 685-697.	1.0	24
400	Noncoding <scp>RNA</scp> s as epigenetic mediators of skeletal muscle regeneration. FEBS Journal, 2015, 282, 1630-1646.	2.2	22
401	PTEN ceRNA networks in human cancer. Methods, 2015, 77-78, 41-50.	1.9	121
402	Post-transcriptional regulation of long noncoding RNAs in cancer. Tumor Biology, 2015, 36, 503-513.	0.8	70
403	Silencing of Long Noncoding RNA MALAT1 by miR-101 and miR-217 Inhibits Proliferation, Migration, and Invasion of Esophageal Squamous Cell Carcinoma Cells. Journal of Biological Chemistry, 2015, 290, 3925-3935.	1.6	268

#	Article	IF	Citations
404	The long intergenic noncoding RNA landscape of human lymphocytes highlights the regulation of T cell differentiation by linc-MAF-4. Nature Immunology, 2015, 16, 318-325.	7.0	300
405	IncRNA-MIAT Regulates Microvascular Dysfunction by Functioning as a Competing Endogenous RNA. Circulation Research, 2015, 116, 1143-1156.	2.0	557
406	Long non-coding RNA CCAT1 promotes gallbladder cancer development via negative modulation of miRNA-218-5p. Cell Death and Disease, 2015, 6, e1583-e1583.	2.7	306
407	CLIP: viewing the RNA world from an RNA-protein interactome perspective. Science China Life Sciences, 2015, 58, 75-88.	2.3	12
408	Antisense Oligonucleotides, microRNAs, and Antibodies. Handbook of Experimental Pharmacology, 2015, 224, 649-689.	0.9	7
409	lncRNA-MFDL: identification of human long non-coding RNAs by fusing multiple features and using deep learning. Molecular BioSystems, 2015, 11, 892-897.	2.9	82
410	Model-guided quantitative analysis of microRNA-mediated regulation on competing endogenous RNAs using a synthetic gene circuit. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3158-3163.	3.3	117
411	Low expression of long noncoding RNA PANDAR predicts a poor prognosis of non-small cell lung cancer and affects cell apoptosis by regulating Bcl-2. Cell Death and Disease, 2015, 6, e1665-e1665.	2.7	148
412	MicroRNAs in Skeletal Muscle Differentiation. , 2015, , 419-446.		1
413	Epigenetic regulation of IncRNA connects ubiquitin-proteasome system with infection-inflammation in preterm births and preterm premature rupture of membranes. BMC Pregnancy and Childbirth, 2015, 15, 35.	0.9	27
414	SP1-induced upregulation of the long noncoding RNA TINCR regulates cell proliferation and apoptosis by affecting KLF2 mRNA stability in gastric cancer. Oncogene, 2015, 34, 5648-5661.	2.6	221
415	Genome-Wide Characterization of <i>cis</i> -Acting DNA Targets Reveals the Transcriptional Regulatory Framework of <i>Opaque2</i> in Maize. Plant Cell, 2015, 27, 532-545.	3.1	130
416	The lncRNA <i>DRAIC </i> /i>/ci>PCAT29 Locus Constitutes a Tumor-Suppressive Nexus. Molecular Cancer Research, 2015, 13, 828-838.	1.5	119
417	MicroRNAs in Tissue Engineering and Regenerative Medicine. , 2015, , 1159-1200.		1
418	An update on LNCipedia: a database for annotated human lncRNA sequences. Nucleic Acids Research, 2015, 43, D174-D180.	6.5	298
419	Long Noncoding RNAs and MicroRNAs in Cardiovascular Pathophysiology. Circulation Research, 2015, 116, 751-762.	2.0	334
420	MicroRNAs. Advances in Genetics, 2015, 90, 103-131.	0.8	4
421	Noncoding Transcriptional Landscape in Human Aging. Current Topics in Microbiology and Immunology, 2015, 394, 177-202.	0.7	6

#	Article	IF	Citations
422	MEG3 long noncoding RNA regulates the TGF \hat{l}^2 pathway genes through formation of RNA \hat{a} E"DNA triplex structures. Nature Communications, 2015, 6, 7743.	5.8	534
423	<i>Lnc</i> ing Epigenetic Control of Transcription to Cardiovascular Development and Disease. Circulation Research, 2015, 117, 192-206.	2.0	56
424	PU.1-Regulated Long Noncoding RNA Inc-MC Controls Human Monocyte/Macrophage Differentiation through Interaction with MicroRNA 199a-5p. Molecular and Cellular Biology, 2015, 35, 3212-3224.	1.1	90
425	Long noncoding RNA derived from CD244 signaling epigenetically controls CD8 ⁺ T-cell immune responses in tuberculosis infection. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3883-92.	3.3	165
426	A Long Non-coding RNA, LncMyoD, Regulates Skeletal Muscle Differentiation by Blocking IMP2-Mediated mRNA Translation. Developmental Cell, 2015, 34, 181-191.	3.1	248
427	Exploring the Secrets of Long Noncoding RNAs. International Journal of Molecular Sciences, 2015, 16, 5467-5496.	1.8	125
428	The genetics of celiac disease: A comprehensive review of clinical implications. Journal of Autoimmunity, 2015, 64, 26-41.	3.0	117
429	Lessons from modENCODE. Annual Review of Genomics and Human Genetics, 2015, 16, 31-53.	2.5	46
430	Common and rare variants of microRNA genes in autism spectrum disorders. World Journal of Biological Psychiatry, 2015, 16, 376-386.	1.3	27
431	Long noncoding RNA CCHE1 promotes cervical cancer cell proliferation via upregulating PCNA. Tumor Biology, 2015, 36, 7615-7622.	0.8	88
432	Functional Long Non-coding RNAs in Vascular Smooth Muscle Cells. Current Topics in Microbiology and Immunology, 2015, 394, 127-141.	0.7	22
433	Analysis of 13 cell types reveals evidence for the expression of numerous novel primate- and tissue-specific microRNAs. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1106-15.	3.3	376
434	Human pericytes isolated from adipose tissue have better differentiation abilities than their mesenchymal stem cell counterparts. Cell and Tissue Research, 2015, 361, 769-778.	1.5	29
435	Integrative transcriptome-wide analyses reveal critical HER2-regulated mRNAs and lincRNAs in HER2+ breast cancer. Breast Cancer Research and Treatment, 2015, 150, 321-334.	1.1	15
436	Epigenetics of the failing heart. Heart Failure Reviews, 2015, 20, 435-459.	1.7	16
437	Long non-coding RNA functions in lung cancer. Tumor Biology, 2015, 36, 4027-4037.	0.8	52
438	A novel myogenic function residing in the 5′ non-coding region of Insulin receptor substrate-1 (Irs-1) transcript. BMC Cell Biology, 2015, 16, 8.	3.0	8
439	Pseudogenes transcribed in breast invasive carcinoma show subtype-specific expression and ceRNA potential. BMC Genomics, 2015, 16, 113.	1.2	35

#	Article	IF	CITATIONS
440	Competing endogenous RNA networks: tying the essential knots for cancer biology and therapeutics. Journal of Hematology and Oncology, 2015, 8, 30.	6.9	190
441	Long noncoding RNA CCAT1 promotes hepatocellular carcinoma progression by functioning as let-7 sponge. Journal of Experimental and Clinical Cancer Research, 2015, 34, 18.	3.5	246
442	<i>Malat1</i> regulates serum response factor through miRâ€133 as a competing endogenous RNA in myogenesis. FASEB Journal, 2015, 29, 3054-3064.	0.2	132
443	Interferon-alpha competing endogenous RNA network antagonizes microRNA-1270. Cellular and Molecular Life Sciences, 2015, 72, 2749-2761.	2.4	17
444	Long nonâ€coding RNA HOTAIR modulates câ€KIT expression through sponging miRâ€193a in acute myeloid leukemia. FEBS Letters, 2015, 589, 1981-1987.	1.3	116
445	Reciprocal repression between TUSC7 and miR-23b in gastric cancer. International Journal of Cancer, 2015, 137, 1269-1278.	2.3	82
446	The mesmiRizing complexity of microRNAs for striated muscle tissue engineering. Advanced Drug Delivery Reviews, 2015, 88, 37-52.	6.6	22
447	Cross talk between <scp>ABC</scp> transporter m <scp>RNA</scp> s via a target m <scp>RNA</scp> â€derived sponge of the <scp>G</scp> cv <scp>B</scp> small <scp>RNA</scp> . EMBO Journal, 2015, 34, 1478-1492.	3.5	162
448	RNA–RNA interactions in gene regulation: the coding and noncoding players. Trends in Biochemical Sciences, 2015, 40, 248-256.	3.7	230
449	IncRNASNP: a database of SNPs in IncRNAs and their potential functions in human and mouse. Nucleic Acids Research, 2015, 43, D181-D186.	6.5	204
450	Long Noncoding RNAs in Cardiovascular Diseases. Circulation Research, 2015, 116, 737-750.	2.0	641
451	Extensive microRNA-mediated crosstalk between lncRNAs and mRNAs in mouse embryonic stem cells. Genome Research, 2015, 25, 655-666.	2.4	95
452	Genome-wide identification of microRNA expression quantitative trait loci. Nature Communications, 2015, 6, 6601.	5.8	134
453	A network of RNA and protein interactions in Fronto Temporal Dementia. Frontiers in Molecular Neuroscience, 2015, 8, 9.	1.4	22
454	Regulation of HDL Genes: Transcriptional, Posttranscriptional, and Posttranslational. Handbook of Experimental Pharmacology, 2015, 224, 113-179.	0.9	22
455	The role of long non-coding RNAs in genome formatting and expression. Frontiers in Genetics, 2015, 6, 165.	1.1	107
456	A KAP1 phosphorylation switch controls MyoD function during skeletal muscle differentiation. Genes and Development, 2015, 29, 513-525.	2.7	66
457	Analysis of differentially expressed lncRNAs in differentiation of bone marrow stem cells into neural cells. Journal of the Neurological Sciences, 2015, 351, 160-167.	0.3	9

#	Article	IF	CITATIONS
458	RBM4-MEF2C network constitutes a feed-forward circuit that facilitates the differentiation of brown adipocytes. RNA Biology, 2015, 12, 208-220.	1.5	18
459	Oncocers: ceRNA-mediated cross-talk by sponging miRNAs in oncogenic pathways. Tumor Biology, 2015, 36, 3129-3136.	0.8	158
460	LncRNAs in vertebrates: Advances and challenges. Biochimie, 2015, 117, 3-14.	1.3	38
461	The BRAF Pseudogene Functions as a Competitive Endogenous RNA and Induces Lymphoma InÂVivo. Cell, 2015, 161, 319-332.	13.5	293
462	Non-coding RNA in control of gene regulatory programs in cardiac development and disease. Journal of Molecular and Cellular Cardiology, 2015, 89, 51-58.	0.9	43
463	Battles and hijacks: noncoding transcription in plants. Trends in Plant Science, 2015, 20, 362-371.	4.3	176
464	Identification of IncRNA-associated competing triplets reveals global patterns and prognostic markers for cancer. Nucleic Acids Research, 2015, 43, 3478-3489.	6.5	219
465	The expression profiling and ontology analysis of noncoding RNAs in peritoneal fibrosis induced by peritoneal dialysis fluid. Gene, 2015, 564, 210-219.	1.0	36
466	Long non-coding RNAs, a new important regulator of cardiovascular physiology and pathology. International Journal of Cardiology, 2015, 188, 105-110.	0.8	43
467	APF IncRNA regulates autophagy and myocardial infarction by targeting miR-188-3p. Nature Communications, 2015, 6, 6779.	5.8	405
468	Ageâ€dependent differential expression profile of a novel intergenic long noncoding RNA in rat brain. International Journal of Developmental Neuroscience, 2015, 47, 286-297.	0.7	16
469	Posttranscriptional silencing of the IncRNA MALAT1 by miR-217 inhibits the epithelial–mesenchymal transition via enhancer of zeste homolog 2 in the malignant transformation of HBE cells induced by cigarette smoke extract. Toxicology and Applied Pharmacology, 2015, 289, 276-285.	1.3	69
470	Long Noncoding RNAs: A New Regulatory Code in Metabolic Control. Trends in Biochemical Sciences, 2015, 40, 586-596.	3.7	164
471	The emerging role of IncRNAs in cancer. Nature Medicine, 2015, 21, 1253-1261.	15.2	2,203
472	Extensive identification and analysis of conserved small ORFs in animals. Genome Biology, 2015, 16, 179.	3.8	180
473	Senescence-associated Long Non-coding RNA (SALNR) Delays Oncogene-induced Senescence through NF90 Regulation. Journal of Biological Chemistry, 2015, 290, 30175-30192.	1.6	44
474	Identification of linc-NeD125, a novel long non coding RNA that hosts miR-125b-1 and negatively controls proliferation of human neuroblastoma cells. RNA Biology, 2015, 12, 1323-1337.	1.5	23
475	Non-Coding RNAs in Cardiac Aging. Cellular Physiology and Biochemistry, 2015, 36, 1679-1687.	1.1	20

#	Article	IF	CITATIONS
476	A transgenic resource for conditional competitive inhibition of conserved Drosophila microRNAs. Nature Communications, 2015, 6, 7279.	5.8	63
477	DNMT1-associated long non-coding RNAs regulate global gene expression and DNA methylation in colon cancer. Human Molecular Genetics, 2015, 24, 6240-6253.	1.4	167
478	LncRNAs: emerging biomarkers in gastric cancer. Future Oncology, 2015, 11, 2427-2441.	1.1	92
479	A role of long noncoding RNAs in carcinogenesis. Molecular Biology, 2015, 49, 500-507.	0.4	7
480	The Role of Long Intergenic Noncoding RNA p21 in Vascular Endothelial Cells. DNA and Cell Biology, 2015, 34, 677-683.	0.9	39
481	Pairwise RNA secondary structure alignment with conserved stem pattern. Bioinformatics, 2015, 31, 3914-3921.	1.8	11
482	The mRNA related ceRNA–ceRNA landscape and significance across 20 major cancer types. Nucleic Acids Research, 2015, 43, 8169-8182.	6.5	170
483	Small RNAs growing tall: miRNAs as drug targets in herpesvirus infections. Current Opinion in Virology, 2015, 15, 41-47.	2.6	2
484	MiR-143 and miR-135 inhibitors treatment induces skeletal myogenic differentiation of human adult dental pulp stem cells. Archives of Oral Biology, 2015, 60, 1613-1617.	0.8	32
485	Ageâ€dependent differential expression profile of a novel intergenic long noncoding RNA in rat brain. International Journal of Developmental Neuroscience, 2015, 46, 55-66.	0.7	12
486	Gas5 Exerts Tumor-suppressive Functions in Human Glioma Cells by Targeting miR-222. Molecular Therapy, 2015, 23, 1899-1911.	3.7	164
487	The up-regulation of long non-coding RNA AFAP1-AS1 is associated with the poor prognosis of NSCLC patients. Biomedicine and Pharmacotherapy, 2015, 75, 8-11.	2.5	94
488	Conservation and tissue-specific transcription patterns of long noncoding RNAs. Journal of Human Transcriptome, 2015, 1, 2-9.	1.0	79
489	IDH1 mutation-associated long non-coding RNA expression profile changes in glioma. Journal of Neuro-Oncology, 2015, 125, 253-263.	1.4	16
490	Long non-coding RNA UCA1 promotes glutamine metabolism by targeting miR-16 in human bladder cancer. Japanese Journal of Clinical Oncology, 2015, 45, 1055-1063.	0.6	111
491	Long noncoding RNAs and carcinogenesis. , 2015, , 291-312.		0
492	lincRNA-RoR and miR-145 Regulate Invasion in Triple-Negative Breast Cancer via Targeting ARF6. Molecular Cancer Research, 2015, 13, 330-338.	1.5	211
493	From Discovery to Function: The Expanding Roles of Long NonCoding RNAs in Physiology and Disease. Endocrine Reviews, 2015, 36, 25-64.	8.9	351

#	Article	IF	CITATIONS
494	Novel Long Noncoding RNAs (IncRNAs) in Myogenesis: a <i>miR-31</i> Overlapping IncRNA Transcript Controls Myoblast Differentiation. Molecular and Cellular Biology, 2015, 35, 728-736.	1.1	99
495	miR-CLIP capture of a miRNA targetome uncovers a lincRNA H19–miR-106a interaction. Nature Chemical Biology, 2015, 11, 107-114.	3.9	166
496	Competition between target sites of regulators shapes post-transcriptional gene regulation. Nature Reviews Genetics, 2015, 16, 113-126.	7.7	220
497	Hepatic stellate cells activated by acidic tumor microenvironment promote the metastasis of hepatocellular carcinoma via osteopontin. Cancer Letters, 2015, 356, 713-720.	3.2	64
498	Long non-coding RNA CASC2 suppresses malignancy in human gliomas by miR-21. Cellular Signalling, 2015, 27, 275-282.	1.7	195
499	Efficient Conversion of RNA Pseudoknots to Knot-Free Structures Using a Graphical Model. IEEE Transactions on Biomedical Engineering, 2015, 62, 1265-1271.	2.5	6
500	A 3′UTR-Associated RNA, FLJ11812 Maintains Stemness of Human Embryonic Stem Cells by Targeting miR-4459. Stem Cells and Development, 2015, 24, 1133-1140.	1.1	21
501	Target-responsive DNA/RNA nanomaterials for microRNA sensing and inhibition: The jack-of-all-trades in cancer nanotheranostics?. Advanced Drug Delivery Reviews, 2015, 81, 169-183.	6.6	63
502	The Long Intergenic Noncoding RNA UFC1, a Target of MicroRNA 34a, Interacts With the mRNA Stabilizing Protein HuR to Increase Levels of \hat{l}^2 -Catenin in HCC Cells. Gastroenterology, 2015, 148, 415-426.e18.	0.6	227
503	Long noncoding RNA associated-competing endogenous RNAs in gastric cancer. Scientific Reports, 2014, 4, 6088.	1.6	367
504	A long noncoding RNA critically regulates Bcr-Abl-mediated cellular transformation by acting as a competitive endogenous RNA. Oncogene, 2015, 34, 1768-1779.	2.6	149
505	Using artificial microRNA sponges to achieve microRNA loss-of-function in cancer cells. Advanced Drug Delivery Reviews, 2015, 81, 117-127.	6.6	120
506	RNA regulatory networks in animals and plants: a long noncoding RNA perspective. Briefings in Functional Genomics, 2015, 14, 91-101.	1.3	74
507	The SNAI1 3′UTR functions as a sponge for multiple migration-/invasion-related microRNAs. Tumor Biology, 2015, 36, 1067-1072.	0.8	11
508	Could IncRNAs be the Missing Links in Control of Mesenchymal Stem Cell Differentiation?. Journal of Cellular Physiology, 2015, 230, 526-534.	2.0	72
509	Long noncoding RNAs: Novel insights into gastric cancer. Cancer Letters, 2015, 356, 357-366.	3.2	179
510	The complexity of miRNA-mediated repression. Cell Death and Differentiation, 2015, 22, 22-33.	5.0	376
511	Long non-coding RNAs in cancer: implications for personalized therapy. Cellular Oncology (Dordrecht), 2015, 38, 17-28.	2.1	92

#	Article	IF	CITATIONS
512	RP5-833A20.1/miR-382-5p/NFIA–Dependent Signal Transduction Pathway Contributes to the Regulation of Cholesterol Homeostasis and Inflammatory Reaction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 87-101.	1.1	158
513	The miR-223 host non-coding transcript linc-223 induces IRF4 expression in acute myeloid leukemia by acting as a competing endogenous RNA. Oncotarget, 2016, 7, 60155-60168.	0.8	35
514	Hypoxia-induced lncRNA-NUTF2P3-001 contributes to tumorigenesis of pancreatic cancer by derepressing the miR-3923/KRAS pathway. Oncotarget, 2016, 7, 6000-6014.	0.8	86
515	Long non-coding RNAs in colorectal cancer. Oncotarget, 2016, 7, 5226-5239.	0.8	123
516	Emerging roles of circRNA_001569 targeting miR-145 in the proliferation and invasion of colorectal cancer. Oncotarget, 2016, 7, 26680-26691.	0.8	403
517	NEAT1 upregulates EGCG-induced CTR1 to enhance cisplatin sensitivity in lung cancer cells. Oncotarget, 2016, 7, 43337-43351.	0.8	138
518	Comprehensive characterization of lncRNA-mRNA related ceRNA network across 12 major cancers. Oncotarget, 2016, 7, 64148-64167.	0.8	171
519	LncRNAs in Stem Cells. Stem Cells International, 2016, 2016, 1-8.	1.2	43
520	Long Noncoding RNA Regulation of Pluripotency. Stem Cells International, 2016, 2016, 1-9.	1.2	64
521	The Significance of Long Noncoding RNA H19 in Predicting Progression and Metastasis of Cancers: A Meta-Analysis. BioMed Research International, 2016, 2016, 1-9.	0.9	26
522	Epigenetic Reprogramming of Muscle Progenitors: Inspiration for Clinical Therapies. Stem Cells International, 2016, 2016, 1-11.	1.2	20
523	Regulation of the Telomerase Reverse Transcriptase Subunit through Epigenetic Mechanisms. Frontiers in Genetics, 2016, 7, 83.	1.1	75
524	3-Econsystems: MicroRNAs, Receptors, and Latent Viruses; Some Insights Biology Can Gain from Economic Theory. Frontiers in Microbiology, 2016, 7, 369.	1.5	11
525	New Cross-Talk Layer between Ultraconserved Non-Coding RNAs, MicroRNAs and Polycomb Protein YY1 in Bladder Cancer. Genes, 2016, 7, 127.	1.0	26
526	Long Noncoding RNAs in Atherosclerosis. Journal of Atherosclerosis and Thrombosis, 2016, 23, 376-384.	0.9	42
527	Systematic Identification and Characterization of Long Non-Coding RNAs in the Silkworm, Bombyx mori. PLoS ONE, 2016, 11, e0147147.	1.1	155
528	In Silico Characterization of miRNA and Long Non-Coding RNA Interplay in Multiple Myeloma. Genes, 2016, 7, 107.	1.0	17
529	Genome-wide identification and characterization of long non-coding RNAs in developmental skeletal muscle of fetal goat. BMC Genomics, 2016, 17, 666.	1.2	117

#	Article	IF	CITATIONS
530	Editorial: Overview on microRNAs in Cancer Development and Virus Infection. MicroRNA (Shariqah,) Tj ETQq0 0	0 rgBT /Ov	verlgck 10 Tf 5
531	Tag SNPs of long non-coding RNA TINCR affect the genetic susceptibility to gastric cancer in a Chinese population. Oncotarget, 2016, 7, 87114-87123.	0.8	13
532	Long Non-Coding RNAs (IncRNAs) of Sea Cucumber: Large-Scale Prediction, Expression Profiling, Non-Coding Network Construction, and IncRNA-microRNA-Gene Interaction Analysis of IncRNAs in Apostichopus japonicus and Holothuria glaberrima During LPS Challenge and Radial Organ Complex Regeneration. Marine Biotechnology, 2016, 18, 485-499.	1.1	30
533	The Working Modules of Long Noncoding RNAs in Cancer Cells. Advances in Experimental Medicine and Biology, 2016, 927, 49-67.	0.8	8
534	Screening and validation of lncRNAs and circRNAs as miRNA sponges. Briefings in Bioinformatics, 2017, 18, bbw053.	3.2	251
535	Extensive ceRNA–ceRNA interaction networks mediated by miRNAs regulate development in multiple rhesus tissues. Nucleic Acids Research, 2016, 44, gkw587.	6.5	46
536	Key regulators of skeletal myogenesis. Molecular Biology, 2016, 50, 169-192.	0.4	5
537	Long Nonâ€Coding RNA Central of Glucose Homeostasis. Journal of Cellular Biochemistry, 2016, 117, 1061-1065.	1.2	42
538	Noncoding RNAs in the regulation of skeletal muscle biology in health and disease. Journal of Molecular Medicine, 2016, 94, 853-866.	1.7	53
539	Formula G1: Cell cycle in the driver's seat of stem cell fate determination. BioEssays, 2016, 38, 325-332.	1.2	18
540	Long noncoding RNA DANCR increases stemness features of hepatocellular carcinoma by derepression of CTNNB1. Hepatology, 2016, 63, 499-511.	3.6	332
541	Regulation of IncRNA and Its Role in Cancer Metastasis. Oncology Research, 2016, 23, 205-217.	0.6	213
542	Long noncoding RNAs in cell differentiation and pluripotency. Cell and Tissue Research, 2016, 366, 509-521.	1.5	27
543	Long nonâ€coding <scp>RNA</scp> s expression profiles in hepatocytes of mice after hematopoietic stem cell transplantation. IUBMB Life, 2016, 68, 232-241.	1.5	11
544	Long noncoding <scp>RNA</scp> H19 competitively binds miRâ€17â€5p to regulate <scp>YES</scp> 1 expression in thyroid cancer. FEBS Journal, 2016, 283, 2326-2339.	2.2	134
545	ldentifying and annotating human bifunctional RNAs reveals their versatile functions. Science China Life Sciences, 2016, 59, 981-992.	2.3	16
546	A Feed-Forward Regulatory Loop between HuR and the Long Noncoding RNA HOTAIR Promotes Head and Neck Squamous Cell Carcinoma Progression and Metastasis. Cellular Physiology and Biochemistry, 2016, 40, 1039-1051.	1.1	78
548	LncRNA HOTAIR promotes cisplatin resistance in gastric cancer by targeting miR-126 to activate the PI3K/AKT/MRP1 genes. Tumor Biology, 2016, 37, 16345-16355.	0.8	132

#	Article	IF	Citations
549	Long Non-Coding RNA BANCR Promotes Endometrial Cancer Cell Proliferation and Invasion by Regulating MMP2 and MMP1 via ERK/MAPK Signaling Pathway. Cellular Physiology and Biochemistry, 2016, 40, 644-656.	1.1	92
550	Transcriptomic profiling of long non-coding RNAs in dermatomyositis by microarray analysis. Scientific Reports, 2016, 6, 32818.	1.6	22
551	Potential diagnostic value of lncRNA SPRY4-IT1 in hepatocellular carcinoma. Oncology Reports, 2016, 36, 1085-1092.	1.2	53
552	Insights into the post-transcriptional regulation of the mitochondrial electron transport chain. Biochemical Society Transactions, 2016, 44, 1491-1498.	1.6	21
553	MicroRNAs and their variants in an RNA world: implications for complex interactions and diverse roles in an RNA regulatory network. Briefings in Bioinformatics, 2018, 19, bbw124.	3.2	18
554	SNHG5 promotes colorectal cancer cell survival by counteracting STAU1-mediated mRNA destabilization. Nature Communications, 2016, 7, 13875.	5.8	170
555	Differential transcription profiles of long non-coding RNAs in primary human brain microvascular endothelial cells in response to meningitic Escherichia coli. Scientific Reports, 2016, 6, 38903.	1.6	40
556	LncRNAs expression profiling in normal ovary, benign ovarian cyst and malignant epithelial ovarian cancer. Scientific Reports, 2016, 6, 38983.	1.6	71
557	Genome-wide Long Non-coding RNA Analysis Identified Circulating LncRNAs as Novel Non-invasive Diagnostic Biomarkers for Gynecological Disease. Scientific Reports, 2016, 6, 23343.	1.6	93
558	Long non-coding RNA ATB promotes glioma malignancy by negatively regulating miR-200a. Journal of Experimental and Clinical Cancer Research, 2016, 35, 90.	3.5	111
559	Genome-wide identification and developmental expression profiling of long noncoding RNAs during Drosophila metamorphosis. Scientific Reports, 2016, 6, 23330.	1.6	72
560	Epigenetic Regulation of Stem Cells. , 2016, , 785-793.		0
561	Expression Profile of Long Non-Coding RNAs in Serum of Patients with Multiple Sclerosis. Journal of Molecular Neuroscience, 2016, 59, 18-23.	1.1	104
562	Concordant but Varied Phenotypes among Duchenne Muscular Dystrophy Patient-Specific Myoblasts Derived using a Human iPSC-Based Model. Cell Reports, 2016, 15, 2301-2312.	2.9	141
563	Long non-coding RNAs as novel targets for therapy in hepatocellular carcinoma., 2016, 161, 67-78.		177
564	Long noncoding RNAs: Novel molecules in cardiovascular biology, disease and regeneration. Experimental and Molecular Pathology, 2016, 100, 493-501.	0.9	20
565	Long Noncoding RNAs Regulate Cell Growth, Proliferation, and Apoptosis. DNA and Cell Biology, 2016, 35, 459-470.	0.9	145
566	Endogenous microRNA sponges: evidence and controversy. Nature Reviews Genetics, 2016, 17, 272-283.	7.7	1,669

#	Article	IF	CITATIONS
567	Long Non-coding RNAs in Human Disease. Current Topics in Microbiology and Immunology, 2016, , .	0.7	4
568	Cytoplasmic long noncoding RNAs are frequently bound to and degraded at ribosomes in human cells. Rna, 2016, 22, 867-882.	1.6	194
569	Noncoding RNAs in smooth muscle cell homeostasis: implications in phenotypic switch and vascular disorders. Pflugers Archiv European Journal of Physiology, 2016, 468, 1071-1087.	1.3	28
570	Evaluation of Circulatory RNA-Based Biomarker Panel in Hepatocellular Carcinoma. Molecular Diagnosis and Therapy, 2016, 20, 265-277.	1.6	37
571	Long Non-coding RNAs in the Cytoplasm. Genomics, Proteomics and Bioinformatics, 2016, 14, 73-80.	3.0	300
572	Long non-coding RNA ADNCR suppresses adipogenic differentiation by targeting miR-204. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 871-882.	0.9	148
573	The developmental transcriptome sequencing of bovine skeletal muscle reveals a long noncoding RNA, lncMD, promotes muscle differentiation by sponging miR-125b. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 2835-2845.	1.9	120
574	Noncoding RNAs and Duchenne muscular dystrophy. Epigenomics, 2016, 8, 1527-1537.	1.0	27
575	A novel computational method for inferring competing endogenous interactions. Briefings in Bioinformatics, 2016, 18, bbw084.	3.2	37
576	Long non-coding RNA TUG1 contributes to tumorigenesis of human osteosarcoma by sponging miR-9-5p and regulating POU2F1 expression. Tumor Biology, 2016, 37, 15031-15041.	0.8	116
577	Epigenetics and Cancer. Energy Balance and Cancer, 2016, , 1-28.	0.2	2
578	Pseudogene PTENP1 functions as a competing endogenous RNA (ceRNA) to regulate PTEN expression by sponging miR-499-5p. Biochemistry (Moscow), 2016, 81, 739-747.	0.7	23
579	LncRNA HOTAIR controls the expression of Rab22a by sponging miR-373 in ovarian cancer. Molecular Medicine Reports, 2016, 14, 2465-2472.	1.1	69
580	Linking Long Noncoding RNA Localization and Function. Trends in Biochemical Sciences, 2016, 41, 761-772.	3.7	814
581	<scp>IncRNAs /scp> regulate the innate immune response to viral infection. Wiley Interdisciplinary Reviews RNA, 2016, 7, 129-143.</scp>	3.2	92
582	Intron retention in mRNA: No longer nonsense. BioEssays, 2016, 38, 41-49.	1.2	163
583	Long noncoding RNA related to periodontitis interacts with miR-182 to upregulate osteogenic differentiation in periodontal mesenchymal stem cells of periodontitis patients. Cell Death and Disease, 2016, 7, e2327-e2327.	2.7	140
584	Negative feedback circuitry between MIR143HG and RBM24 in Hirschsprung disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 2127-2136.	1.8	19

#	Article	IF	CITATIONS
585	Evidence for a role of a lncRNA encoded from the p53 tumor suppressor gene in maintaining the undifferentiated state of human myeloid leukemias. Gene Reports, 2016, 5, 45-50.	0.4	4
586	Non-coding RNAs: Classification, Biology and Functioning. Advances in Experimental Medicine and Biology, 2016, 937, 3-17.	0.8	596
587	Single-nucleus RNA-seq of differentiating human myoblasts reveals the extent of fate heterogeneity. Nucleic Acids Research, 2016, 44, gkw739.	6.5	88
588	Long non-coding RNA H19 regulates glioma angiogenesis and the biological behavior of glioma-associated endothelial cells by inhibiting microRNA-29a. Cancer Letters, 2016, 381, 359-369.	3.2	213
589	Non-coding RNAs in Development and Disease: Background, Mechanisms, and Therapeutic Approaches. Physiological Reviews, 2016, 96, 1297-1325.	13.1	1,426
590	Heme Oxygenase-1 Controls an HDAC4-miR-206 Pathway of Oxidative Stress in Rhabdomyosarcoma. Cancer Research, 2016, 76, 5707-5718.	0.4	46
591	The Emerging Roles of Long Noncoding RNA ROR (lincRNA-ROR) and its Possible Mechanisms in Human Cancers. Cellular Physiology and Biochemistry, 2016, 40, 219-229.	1.1	126
592	Long noncoding RNA Inc-RI is a new regulator of mitosis via targeting miRNA-210-3p to release PLK1 mRNA activity. Scientific Reports, 2016, 6, 25385.	1.6	15
593	Impact of MicroRNA Levels, Target-Site Complementarity, and Cooperativity on Competing Endogenous RNA-Regulated Gene Expression. Molecular Cell, 2016, 64, 565-579.	4.5	300
594	Long nonâ€coding <scp>RNA UCA</scp> 1 contributes to the progression of oral squamous cell carcinoma by regulating the <scp>WNT</scp> /βâ€catenin signaling pathway. Cancer Science, 2016, 107, 1581-1589.	1.7	124
596	LINC00312 inhibits the migration and invasion of bladder cancer cells by targeting miR-197-3p. Tumor Biology, 2016, 37, 14553-14563.	0.8	45
597	Long non-coding RNA UCA1 enhances tamoxifen resistance in breast cancer cells through a miR-18a-HIF1α feedback regulatory loop. Tumor Biology, 2016, 37, 14733-14743.	0.8	97
598	Long non-coding RNA HOTAIR modulates HLA-G expression by absorbing miR-148a in human cervical cancer. International Journal of Oncology, 2016, 49, 943-952.	1.4	56
599	Long non-coding RNAs in human early embryonic development and their potential in ART. Human Reproduction Update, 2016, 23, 19-40.	5.2	108
600	Long nonâ€coding <scp>RNA</scp> urothelial cancerâ€associated 1 promotes bladder cancer cell migration and invasion by way of the hsaâ€miRâ€145– <scp>ZEB</scp> 1/2– <scp>FSCN</scp> 1 pathway. Ca Science, 2016, 107, 18-27.	n te r	164
601	Long Non-coding RNAs and Their Roles in Non-small-cell Lung Cancer. Genomics, Proteomics and Bioinformatics, 2016, 14, 280-288.	3.0	100
602	Role of long nonâ€coding <scp>RNAs</scp> in the determination of βâ€cell identity. Diabetes, Obesity and Metabolism, 2016, 18, 41-50.	2.2	20
603	Snail-activated long non-coding RNA PCA3 up-regulates PRKD3 expression by miR-1261 sponging, thereby promotes invasion and migration of prostate cancer cells. Tumor Biology, 2016, 37, 16163-16176.	0.8	42

#	Article	IF	CITATIONS
604	Identification and functional characterization of lncRNAs acting as ceRNA involved in the malignant progression of glioblastoma multiforme. Oncology Reports, 2016, 36, 2911-2925.	1.2	34
605	The pleiotropic role of non-coding genes in development and cancer. Current Opinion in Cell Biology, 2016, 43, 104-113.	2.6	19
606	miR-489 inhibits silica-induced pulmonary fibrosis by targeting MyD88 and Smad3 and is negatively regulated by lncRNA CHRF. Scientific Reports, 2016, 6, 30921.	1.6	89
607	Identification of IncRNA functions in lung cancer based on associated protein-protein interaction modules. Scientific Reports, 2016, 6, 35939.	1.6	18
608	Transcriptional and Chromatin Dynamics of Muscle Regeneration after Severe Trauma. Stem Cell Reports, 2016, 7, 983-997.	2.3	41
609	Sirt1 AS IncRNA interacts with its mRNA to inhibit muscle formation by attenuating function of miR-34a. Scientific Reports, 2016, 6, 21865.	1.6	109
610	Long non-coding RNAs (IncRNAs) in skeletal and cardiac muscle: potential therapeutic and diagnostic targets?. Clinical Science, 2016, 130, 2245-2256.	1.8	24
611	Integrative analyses reveal a long noncoding RNA-mediated sponge regulatory network in prostate cancer. Nature Communications, 2016, 7, 10982.	5.8	267
612	Tissue-specific Co-expression of Long Non-coding and Coding RNAs Associated with Breast Cancer. Scientific Reports, 2016, 6, 32731.	1.6	35
613	Long noncoding RNA NRON contributes to HIV-1 latency by specifically inducing tat protein degradation. Nature Communications, 2016, 7, 11730.	5.8	134
614	MicroRNA-133: Biomarker and Mediator of Cardiovascular Diseases., 2016,, 285-317.		2
615	A computationally constructed ceRNA interaction network based on a comparison of the SHEE and SHEEC cell lines. Cellular and Molecular Biology Letters, 2016, 21, 21.	2.7	30
616	H19 activates Wnt signaling and promotes osteoblast differentiation by functioning as a competing endogenous RNA. Scientific Reports, 2016, 6, 20121.	1.6	195
617	Long Noncoding RNA LOC100129973 Suppresses Apoptosis by Targeting miR-4707-5p and miR-4767 in Vascular Endothelial Cells. Scientific Reports, 2016, 6, 21620.	1.6	58
618	Transcriptome sequencing uncovers a three–long noncoding RNA signature in predicting breast cancer survival. Scientific Reports, 2016, 6, 27931.	1.6	68
619	On cross-conditional and fluctuation correlations in competitive RNA networks. Bioinformatics, 2016, 32, i790-i797.	1.8	4
620	Long non-coding RNA XIST regulates gastric cancer progression by acting as a molecular sponge of miR-101 to modulate EZH2 expression. Journal of Experimental and Clinical Cancer Research, 2016, 35, 142.	3.5	227
621	Identifying survival-associated ceRNA clusters in cholangiocarcinoma. Oncology Reports, 2016, 36, 1542-1550.	1.2	12

#	Article	IF	CITATIONS
622	Downregulation of lncRNA CASC2 by microRNA-21 increases the proliferation and migration of renal cell carcinoma cells. Molecular Medicine Reports, 2016, 14, 1019-1025.	1,1	83
623	The long noncoding RNAs PVT1 and uc002mbe.2 in sera provide a new supplementary method for hepatocellular carcinoma diagnosis. Medicine (United States), 2016, 95, e4436.	0.4	66
624	The long noncoding <scp>RNA</scp> colon cancerâ€associated transcriptâ€1/ <scp>miR</scp> â€490 axis regulates gastric cancer cell migration by targeting <scp>hnRNPA1</scp> . IUBMB Life, 2016, 68, 201-210.	1.5	55
625	Global transcriptome analysis for identification of interactions between coding and noncoding RNAs during human erythroid differentiation. Frontiers of Medicine, 2016, 10, 297-310.	1.5	33
626	The long noncoding RNA NRF regulates programmed necrosis and myocardial injury during ischemia and reperfusion by targeting miR-873. Cell Death and Differentiation, 2016, 23, 1394-1405.	5.0	188
627	PAX7 is a required target for microRNA-206-induced differentiation of fusion-negative rhabdomyosarcoma. Cell Death and Disease, 2016, 7, e2256-e2256.	2.7	26
628	Role of long non-coding RNA-RNCR3 in atherosclerosis-related vascular dysfunction. Cell Death and Disease, 2016, 7, e2248-e2248.	2.7	189
629	A Primate IncRNA Mediates Notch Signaling during Neuronal Development by Sequestering miRNA. Neuron, 2016, 90, 1174-1188.	3.8	115
630	Computational methods for identifying miRNA sponge interactions. Briefings in Bioinformatics, 2017, 18, bbw042.	3.2	111
631	Dissecting genetics of cutaneous miRNA in a mouse model of an autoimmune blistering disease. BMC Genomics, 2016, 17, 112.	1.2	8
632	The long and short of non-coding RNAs during post-natal growth and differentiation of skeletal muscles: Focus on lncRNA and miRNAs. Differentiation, 2016, 92, 237-248.	1.0	57
633	The long intergenic non-coding RNA CCR492 functions as a let-7 competitive endogenous RNA to regulate c-Myc expression. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1322-1332.	0.9	21
634	miRNAâ€mediated crosstalk between transcripts: The missing "lincâ€?. BioEssays, 2016, 38, 295-301.	1.2	23
635	Revealing protein–IncRNA interaction. Briefings in Bioinformatics, 2016, 17, 106-116.	3.2	536
636	A feed-forward regulatory loop between androgen receptor and PlncRNA-1 promotes prostate cancer progression. Cancer Letters, 2016, 374, 62-74.	3.2	64
637	Analyzing MiRNA–LncRNA Interactions. Methods in Molecular Biology, 2016, 1402, 271-286.	0.4	690
638	Long noncoding RNA BC032469, a novel competing endogenous RNA, upregulates hTERT expression by sponging miR-1207-5p and promotes proliferation in gastric cancer. Oncogene, 2016, 35, 3524-3534.	2.6	163
639	Long noncoding RNA MIR31HG exhibits oncogenic property in pancreatic ductal adenocarcinoma and is negatively regulated by miR-193b. Oncogene, 2016, 35, 3647-3657.	2.6	124

#	Article	IF	CITATIONS
640	Foxo3 activity promoted by non-coding effects of circular RNA and Foxo3 pseudogene in the inhibition of tumor growth and angiogenesis. Oncogene, 2016, 35, 3919-3931.	2.6	306
641	Decreased expression of MEG3 contributes to retinoblastoma progression and affects retinoblastoma cell growth by regulating the activity of Wnt/ \hat{l}^2 -catenin pathway. Tumor Biology, 2016, 37, 1461-1469.	0.8	61
642	Long noncoding RNAs in aging and age-related diseases. Ageing Research Reviews, 2016, 26, 1-21.	5.0	96
643	Noncoding RNAs and their functional involvement in regulation of chronic myeloid leukemia. Briefings in Functional Genomics, 2016 , 15 , $239-248$.	1.3	17
644	The cross talk between long, non-coding RNAs and microRNAs in gastric cancer. Acta Biochimica Et Biophysica Sinica, 2016, 48, 111-116.	0.9	43
645	Dystrophin: The dead calm of a dogma. Rare Diseases (Austin, Tex), 2016, 4, e1153777.	1.8	5
646	LncRNA <i>OIP5-AS1/cyrano</i> sponges RNA-binding protein HuR. Nucleic Acids Research, 2016, 44, 2378-2392.	6.5	158
647	Long non-coding RNA regulation of gene expression during differentiation. Pflugers Archiv European Journal of Physiology, 2016, 468, 971-981.	1.3	51
649	Identification and Functional Prediction of Large Intergenic Noncoding RNAs (lincRNAs) in Rainbow Trout (Oncorhynchus mykiss). Marine Biotechnology, 2016, 18, 271-282.	1.1	53
650	The aspirin-induced long non-coding RNA OLA1P2 blocks phosphorylated STAT3 homodimer formation. Genome Biology, 2016, 17, 24.	3.8	74
651	Noncoding RNA Regulation of Health and Disease. , 2016, , 109-126.		0
652	Biological Processes Discovered by High-Throughput Sequencing. American Journal of Pathology, 2016, 186, 722-732.	1.9	12
653	Relationship of long noncoding RNA and viruses. Genomics, 2016, 107, 150-154.	1.3	45
654	Long noncoding RNAs as regulators of Toll-like receptor signaling and innate immunity. Journal of Leukocyte Biology, 2016, 99, 839-850.	1.5	53
655	UCA1 functions as a competing endogenous RNA to suppress epithelial ovarian cancer metastasis. Tumor Biology, 2016, 37, 10633-10641.	0.8	75
656	The Emerging Function and Mechanism of ceRNAs in Cancer. Trends in Genetics, 2016, 32, 211-224.	2.9	164
657	Increased expression of long noncoding RNA TUG1 predicts a poor prognosis of gastric cancer and regulates cell proliferation by epigenetically silencing of p57. Cell Death and Disease, 2016, 7, e2109-e2109.	2.7	140
658	Roles for long non-coding RNAs in physiology and disease. Pflugers Archiv European Journal of Physiology, 2016, 468, 945-958.	1.3	83

#	Article	IF	CITATIONS
659	A quantitative understanding of microRNA―mediated competing endogenous RNA regulation. Quantitative Biology, 2016, 4, 47-57.	0.3	18
660	A long non-coding RNA interacts with Gfra1 and maintains survival of mouse spermatogonial stem cells. Cell Death and Disease, 2016, 7, e2140-e2140.	2.7	53
662	Tenogenic differentiation of mesenchymal stem cells and noncoding RNA: From bench to bedside. Experimental Cell Research, 2016, 341, 237-242.	1.2	8
663	Long Noncoding RNAs: An Overview. Methods in Molecular Biology, 2016, 1402, 287-295.	0.4	19
664	Reciprocal regulation of Hsa-miR-1 and long noncoding RNA MALAT1 promotes triple-negative breast cancer development. Tumor Biology, 2016, 37, 7383-7394.	0.8	103
665	Long noncoding RNA expression profiles of hypoxic pulmonary hypertension rat model. Gene, 2016, 579, 23-28.	1.0	24
666	Muscle-specific microRNAs in skeletal muscle development. Developmental Biology, 2016, 410, 1-13.	0.9	389
667	Long noncoding RNAs and tumorigenesis: genetic associations, molecular mechanisms, and therapeutic strategies. Tumor Biology, 2016, 37, 163-175.	0.8	97
668	Knockdown of long non-coding RNA MALAT1 increases the blood–tumor barrier permeability by up-regulating miR-140. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 324-338.	0.9	64
669	All-Trans Retinoic Acid Induces Expression of a Novel Intergenic Long Noncoding RNA in Adult rat Primary Hippocampal Neurons. Journal of Molecular Neuroscience, 2016, 58, 266-276.	1.1	17
670	Transcriptome profiling in Parkinson's leukocytes: from early diagnostics to neuroimmune therapeutic prospects. Current Opinion in Pharmacology, 2016, 26, 102-109.	1.7	12
671	DIANA-LncBase v2: indexing microRNA targets on non-coding transcripts. Nucleic Acids Research, 2016, 44, D231-D238.	6.5	628
672	Long noncoding RNAs in viral infections. Virus Research, 2016, 212, 1-11.	1.1	91
673	Bioinformatics tools for lncRNA research. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 23-30.	0.9	45
674	Long noncoding RNA GAS5 suppresses the migration and invasion of hepatocellular carcinoma cells via miR-21. Tumor Biology, 2016, 37, 2691-2702.	0.8	135
675	c-Myc-regulated long non-coding RNA H19 indicates a poor prognosis and affects cell proliferation in non-small-cell lung cancer. Tumor Biology, 2016, 37, 4007-4015.	0.8	82
676	Altered expression of LINC-ROR in cancer cell lines and tissues. Tumor Biology, 2016, 37, 1763-1769.	0.8	34
677	HCV infection, IFN response and the coding and non-coding host cell genome. Virus Research, 2016, 212, 85-102.	1.1	15

#	Article	IF	CITATIONS
678	Mechanism of Wnt signaling induced down regulation of <i>mrhl</i> long non-coding RNA in mouse spermatogonial cells. Nucleic Acids Research, 2016, 44, 387-401.	6.5	52
679	Decreased expression of long non-coding RNA WT1-AS promotes cell proliferation and invasion in gastric cancer. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 12-19.	1.8	49
680	Long noncoding RNAs in diseases of aging. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 209-221.	0.9	70
681	Long noncoding RNAs: Re-writing dogmas of RNA processing and stability. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 128-138.	0.9	182
682	MALAT1-miR-124-RBG2 axis is involved in growth and invasion of HR-HPV-positive cervical cancer cells. Tumor Biology, 2016, 37, 633-640.	0.8	99
683	Advances in long noncoding RNAs: identification, structure prediction and function annotation. Briefings in Functional Genomics, 2016, 15, 38-46.	1.3	111
684	Age-Related Expression of a Repeat-Rich Intergenic Long Noncoding RNA in the Rat Brain. Molecular Neurobiology, 2017, 54, 639-660.	1.9	18
685	Long non-coding RNA taurine upregulated 1 enhances tumor-induced angiogenesis through inhibiting microRNA-299 in human glioblastoma. Oncogene, 2017, 36, 318-331.	2.6	169
686	Long noncoding RNA HOXA-AS2 represses P21 and KLF2 expression transcription by binding with EZH2, LSD1 in colorectal cancer. Oncogenesis, 2017, 6, e288-e288.	2.1	83
687	Long Nonâ€Coding RNA MALAT1 Interacts With miRâ€204 to Modulate Human Hilar Cholangiocarcinoma Proliferation, Migration, and Invasion by Targeting CXCR4. Journal of Cellular Biochemistry, 2017, 118, 3643-3653.	1.2	66
688	Immunobiology of Long Noncoding RNAs. Annual Review of Immunology, 2017, 35, 177-198.	9.5	395
689	MiR-34c and PlncRNA1 mediated the function of intestinal epithelial barrier by regulating tight junction proteins in inflammatory bowel disease. Biochemical and Biophysical Research Communications, 2017, 486, 6-13.	1.0	47
690	Noncoding RNA for personalized prostate cancer treatment: utilizing the †dark matters†of the genome. Personalized Medicine, 2017, 14, 159-169.	0.8	0
691	Long non-coding RNA Linc-RAM enhances myogenic differentiation by interacting with MyoD. Nature Communications, 2017, 8, 14016.	5.8	147
692	Downregulation of IncRNA ANRIL represses tumorigenicity and enhances cisplatinâ€induced cytotoxicity via regulating microRNA letâ€₹a in nasopharyngeal carcinoma. Journal of Biochemical and Molecular Toxicology, 2017, 31, N/A.	1.4	54
693	RNAs competing for microRNAs mutually influence their fluctuations in a highly non-linear microRNA-dependent manner in single cells. Genome Biology, 2017, 18, 37.	3.8	40
694	MIAT Is a Pro-fibrotic Long Non-coding RNA Governing Cardiac Fibrosis in Post-infarct Myocardium. Scientific Reports, 2017, 7, 42657.	1.6	172
695	Screening and evaluating of long noncoding RNAs in the puberty of goats. BMC Genomics, 2017, 18, 164.	1.2	58

#	Article	IF	CITATIONS
696	An atlas and analysis of bovine skeletal muscle long noncoding <scp>RNA</scp> s. Animal Genetics, 2017, 48, 278-286.	0.6	30
697	Lnc-mg is a long non-coding RNA that promotes myogenesis. Nature Communications, 2017, 8, 14718.	5.8	201
698	Muscle-specific microRNA-206 targets multiple components in dystrophic skeletal muscle representing beneficial adaptations. American Journal of Physiology - Cell Physiology, 2017, 312, C209-C221.	2.1	19
699	STX12 lncRNA/miR-148a/SMAD5 participate in the regulation of pancreatic stellate cell activation through a mechanism involving competing endogenous RNA. Pancreatology, 2017, 17, 237-246.	0.5	13
700	IncRNAs are associated with polysomes during adipose-derived stem cell differentiation. Gene, 2017, 610, 103-111.	1.0	16
701	Long non-coding RNA NEAT1 regulates permeability of the blood-tumor barrier via miR-181d-5p-mediated expression changes in ZO-1, occludin, and claudin-5. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2240-2254.	1.8	67
702	CASC2c as an unfavorable prognosis factor interacts with miR-101 to mediate astrocytoma tumorigenesis. Cell Death and Disease, 2017, 8, e2639-e2639.	2.7	30
703	ceRNA crosstalk stabilizes protein expression and affects the correlation pattern of interacting proteins. Scientific Reports, 2017, 7, 43673.	1.6	22
704	Long nonâ€coding RNA analysis of muscular responses to testosterone deficiency in Huainan male pigs. Animal Science Journal, 2017, 88, 1451-1456.	0.6	8
705	Let-7e modulates the inflammatory response in vascular endothelial cells through ceRNA crosstalk. Scientific Reports, 2017, 7, 42498.	1.6	73
706	Polymorphism in the Alternative Donor Site of the Cryptic Exon of LHCGR: Functional Consequences and Associations with Testosterone Level. Scientific Reports, 2017, 7, 45699.	1.6	14
707	Noncoding RNAs and Their Potential Therapeutic Applications in Tissue Engineering. Engineering, 2017, 3, 3-15.	3.2	16
708	Competitive endogenous RNA network: potential implication for systemic lupus erythematosus. Expert Opinion on Therapeutic Targets, 2017, 21, 639-648.	1.5	67
709	Emerging roles for ncRNAs in alcohol use disorders. Alcohol, 2017, 60, 31-39.	0.8	39
710	SASP regulation by noncoding RNA. Mechanisms of Ageing and Development, 2017, 168, 37-43.	2.2	66
711	Long non-coding RNA FBXL19-AS1 plays oncogenic role in colorectal cancer by sponging miR-203. Biochemical and Biophysical Research Communications, 2017, 488, 67-73.	1.0	42
712	Mrhl Long Noncoding RNA Mediates Meiotic Commitment of Mouse Spermatogonial Cells by Regulating Sox8 Expression. Molecular and Cellular Biology, 2017, 37, .	1.1	42
713	Conserved function of the long noncoding RNA Blnc1 in brown adipocyte differentiation. Molecular Metabolism, 2017, 6, 101-110.	3.0	65

#	Article	IF	Citations
714	Identification of non-coding and coding RNAs in porcine endometrium. Genomics, 2017, 109, 43-50.	1.3	33
716	LncRNA MALAT1 sponges miR-204 to promote osteoblast differentiation of human aortic valve interstitial cells through up-regulating Smad4. International Journal of Cardiology, 2017, 243, 404-412.	0.8	138
717	Long nonâ€coding <scp>RNA TUG</scp> 1 promotes migration and invasion by acting as a ce <scp>RNA</scp> of miRâ€335â€5p in osteosarcoma cells. Cancer Science, 2017, 108, 859-867.	1.7	116
718	ZNF148 modulates TOP2A expression and cell proliferation via ceRNA regulatory mechanism in colorectal cancer. Medicine (United States), 2017, 96, e5845.	0.4	16
719	TGF- \hat{l}^2 -induced hepatocyte lincRNA-p21 contributes to liver fibrosis in mice. Scientific Reports, 2017, 7, 2957.	1.6	36
720	Endogenous miRNA Sponge LincRNA-ROR promotes proliferation, invasion and stem cell-like phenotype of pancreatic cancer cells. Cell Death Discovery, 2017, 3, 17004.	2.0	60
721	<scp>DLEU</scp> 1 contributes to ovarian carcinoma tumourigenesis and development by interacting with miRâ€490â€3p and altering <scp>CDK</scp> 1 expression. Journal of Cellular and Molecular Medicine, 2017, 21, 3055-3065.	1.6	79
722	Integration of Bacterial Small RNAs in Regulatory Networks. Annual Review of Biophysics, 2017, 46, 131-148.	4.5	150
723	Long non-coding RNA H19 promotes the proliferation and invasion of breast cancer through upregulating DNMT1 expression by sponging miR-152. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21933.	1.4	80
724	Aberrant Methylation-Mediated Silencing of IncRNA MEG3 Functions as a ceRNA in Esophageal Cancer. Molecular Cancer Research, 2017, 15, 800-810.	1.5	110
725	MicroRNA Expression: Protein Participants in MicroRNA Regulation. Methods in Molecular Biology, 2017, 1617, 27-37.	0.4	28
726	Non-coding RNAs in skeletal muscle regeneration. Non-coding RNA Research, 2017, 2, 56-67.	2.4	27
727	The putative tumor suppressor microRNA-30a-5p modulates clear cell renal cell carcinoma aggressiveness through repression of ZEB2. Cell Death and Disease, 2017, 8, e2859-e2859.	2.7	54
728	MicroRNAs, Long Noncoding RNAs, and Their Functions in Human Disease. Methods in Molecular Biology, 2017, 1617, 1-25.	0.4	115
729	Long non-coding RNA MALAT1 promotes proliferation and suppresses apoptosis of glioma cells through derepressing Rap1B by sponging miR-101. Journal of Neuro-Oncology, 2017, 134, 19-28.	1.4	67
730	microRNA inhibitors: Natural and artificial sequestration of microRNA. Cancer Letters, 2017, 407, 139-147.	3.2	46
731	Long nonâ€coding <scp>RNA</scp> s in aging organs and tissues. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 30-37.	0.9	19
732	Long non-coding RNA PVT1 promotes glycolysis and tumor progression by regulating miR-497/HK2 axis in osteosarcoma. Biochemical and Biophysical Research Communications, 2017, 490, 217-224.	1.0	134

#	Article	IF	CITATIONS
733	Comprehensive long non-coding RNA expression profiling reveals their potential roles in systemic lupus erythematosus. Cellular Immunology, 2017, 319, 17-27.	1.4	47
734	PART-1 functions as a competitive endogenous RNA for promoting tumor progression by sponging miR-143 in colorectal cancer. Biochemical and Biophysical Research Communications, 2017, 490, 317-323.	1.0	30
735	MicroRNA-133 mediates cardiac diseases: Mechanisms and clinical implications. Experimental Cell Research, 2017, 354, 65-70.	1.2	30
736	circRNA_100290 plays a role in oral cancer by functioning as a sponge of the miR-29 family. Oncogene, 2017, 36, 4551-4561.	2.6	344
737	Overexpression of Long Nonâ€Coding RNA MEG3 Inhibits Proliferation of Hepatocellular Carcinoma Huh7 Cells via Negative Modulation of miRNAâ€664. Journal of Cellular Biochemistry, 2017, 118, 3713-3721.	1.2	80
738	Sp1 is a competitive endogenous RNA of Klf4 during odontoblast differentiation. International Journal of Biochemistry and Cell Biology, 2017, 85, 159-165.	1.2	10
739	Machine learning-based identification of endogenous cellular microRNA sponges against viral microRNAs. Methods, 2017, 129, 33-40.	1.9	3
740	Hypoxia induces H19 expression through direct and indirect Hif- $\hat{\Pi}$ ± activity, promoting oncogenic effects in glioblastoma. Scientific Reports, 2017, 7, 45029.	1.6	100
741	LncFunNet: an integrated computational framework for identification of functional long noncoding RNAs in mouse skeletal muscle cells. Nucleic Acids Research, 2017, 45, e108-e108.	6.5	43
742	LncATLAS database for subcellular localization of long noncoding RNAs. Rna, 2017, 23, 1080-1087.	1.6	230
743	NEAT1/miRâ€181c Regulates Osteopontin (OPN)â€Mediated Synoviocyte Proliferation in Osteoarthritis. Journal of Cellular Biochemistry, 2017, 118, 3775-3784.	1.2	64
744	Urinary long noncoding RNAs in nonmuscle-invasive bladder cancer: new architects in cancer prognostic biomarkers. Translational Research, 2017, 184, 108-117.	2.2	56
7 45	PVT1 affects growth of glioma microvascular endothelial cells by negatively regulating miR-186. Tumor Biology, 2017, 39, 101042831769432.	0.8	78
746	Circular RNA profiling reveals that circCOL3A1-859267 regulate type I collagen expression in photoaged human dermal fibroblasts. Biochemical and Biophysical Research Communications, 2017, 486, 277-284.	1.0	28
747	Gene expression profiling in the human alcoholic brain. Neuropharmacology, 2017, 122, 161-174.	2.0	48
748	Knockdown of long non-coding RNA XIST increases blood–tumor barrier permeability and inhibits glioma angiogenesis by targeting miR-137. Oncogenesis, 2017, 6, e303-e303.	2.1	95
749	LncRNA PVT1 epigenetically silences miR-195 and modulates EMT and chemoresistance in cervical cancer cells. Journal of Drug Targeting, 2017, 25, 637-644.	2.1	136
750	Malat1 regulates myogenic differentiation and muscle regeneration through modulating MyoD transcriptional activity. Cell Discovery, 2017, 3, 17002.	3.1	86

#	Article	IF	CITATIONS
751	Circular RNAs and cancer. Cancer Letters, 2017, 396, 138-144.	3.2	190
752	Analysis of Senescence-Related Differentiation Potentials and Gene Expression Profiles in Human Dental Pulp Stem Cells. Cells Tissues Organs, 2017, 203, 1-11.	1.3	60
753	MiR-216a decreases MALAT1 expression, induces G2/M arrest and apoptosis in pancreatic cancer cells. Biochemical and Biophysical Research Communications, 2017, 483, 816-822.	1.0	60
754	Differential Expression of Newly Identified Long Intergenic Nonâ€Coding RNAs in Buffalo Oocytes Indicating Their Possible Role in Maturation and Embryonic Development. Journal of Cellular Biochemistry, 2017, 118, 1712-1721.	1.2	4
755	Comparative analysis of DNA methylome and transcriptome of skeletal muscle in lean-, obese-, and mini-type pigs. Scientific Reports, 2017, 7, 39883.	1.6	42
756	LncRNA SPRY4-IT1 sponges miR-101-3p to promote proliferation and metastasis of bladder cancer cells through up-regulating EZH2. Cancer Letters, 2017, 388, 281-291.	3.2	208
757	H3K27 acetylation activated-long non-coding RNA CCAT1 affects cell proliferation and migration by regulating SPRY4 and HOXB13 expression in esophageal squamous cell carcinoma. Nucleic Acids Research, 2017, 45, 3086-3101.	6.5	266
758	Hotair facilitates hepatic stellate cells activation and fibrogenesis in the liver. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 674-686.	1.8	73
759	LncRNA UCA1 promotes the invasion and EMT of bladder cancer cells by regulating the miRâ€143/HMGB1 pathway. Oncology Letters, 2017, 14, 5556-5562.	0.8	65
760	Aberrant Expression of Long Non-Coding RNAs in Newly Diagnosed Type 2 Diabetes Indicates Potential Roles in Chronic Inflammation and Insulin Resistance. Cellular Physiology and Biochemistry, 2017, 43, 2367-2378.	1.1	37
761	The role of long non-coding RNAs in rheumatic diseases. Nature Reviews Rheumatology, 2017, 13, 657-669.	3.5	65
762	Paraspeckles: nuclear nests helping to raise mature miRNAs. Nature Structural and Molecular Biology, 2017, 24, 783-784.	3.6	7
763	NEAT1 accelerates the progression of liver fibrosis via regulation of microRNA-122 and Kruppel-like factor 6. Journal of Molecular Medicine, 2017, 95, 1191-1202.	1.7	77
765	Mesenchymal Stem Cells Promote Hepatocarcinogenesis via lncRNA–MUF Interaction with ANXA2 and miR-34a. Cancer Research, 2017, 77, 6704-6716.	0.4	193
766	Long non-coding RNA OR3A4 promotes proliferation and migration in breast cancer. Biomedicine and Pharmacotherapy, 2017, 96, 426-433.	2.5	22
767	Long non-coding RNA XIST regulates PDCD4 expression by interacting with miR-21-5p and inhibits osteosarcoma cell growth and metastasis. International Journal of Oncology, 2017, 51, 1460-1470.	1.4	82
768	Emerging Role of MicroRNAs and Long Noncoding RNAs in Healthy and Diseased Lung. Advances in Experimental Medicine and Biology, 2017, 967, 343-359.	0.8	7
769	Nuclear poly(A) binding protein 1 (PABPN1) and Matrin3 interact in muscle cells and regulate RNA processing. Nucleic Acids Research, 2017, 45, 10706-10725.	6.5	60

#	ARTICLE	IF	CITATIONS
770	The long noncoding RNA Malat1: Its physiological and pathophysiological functions. RNA Biology, 2017, 14, 1705-1714.	1.5	383
771	Long Non Coding RNA Biology. Advances in Experimental Medicine and Biology, 2017, , .	0.8	18
772	CCR2 3′UTR functions as a competing endogenous RNA to inhibit breast cancer metastasis. Journal of Cell Science, 2017, 130, 3399-3413.	1.2	43
773	Identification of an IncRNA-miRNA-mRNA interaction mechanism in breast cancer based on bioinformatic analysis. Molecular Medicine Reports, 2017, 16, 5113-5120.	1.1	57
774	Down-Regulation of Lncrna MALAT1 Attenuates Neuronal Cell Death Through Suppressing Beclin1-Dependent Autophagy by Regulating Mir-30a in Cerebral Ischemic Stroke. Cellular Physiology and Biochemistry, 2017, 43, 182-194.	1,1	160
775	The role of a new class of long noncoding RNAs transcribed from ultraconserved regions in cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1868, 449-455.	3.3	37
776	Long non-coding RNA MALAT1 promotes proliferation and invasion via targeting miR-129-5p in triple-negative breast cancer. Biomedicine and Pharmacotherapy, 2017, 95, 922-928.	2.5	112
777	Long non-coding RNA AB209630 suppresses cell proliferation and metastasis in human hepatocellular carcinoma. Experimental and Therapeutic Medicine, 2017, 14, 3419-3424.	0.8	9
778	Long non-coding RNA 657 suppresses hepatocellular carcinoma cell growth by acting as a molecular sponge of miR-106a-5p to regulate PTEN expression. International Journal of Biochemistry and Cell Biology, 2017, 92, 34-42.	1.2	57
779	LncRNA-CCAT1 Promotes Migration, Invasion, and EMT in Intrahepatic Cholangiocarcinoma Through Suppressing miR-152. Digestive Diseases and Sciences, 2017, 62, 3050-3058.	1.1	64
780	Lnc <scp>RNA</scp> ― <scp>PAGBC</scp> acts as a micro <scp>RNA</scp> sponge and promotes gallbladder tumorigenesis. EMBO Reports, 2017, 18, 1837-1853.	2.0	202
781	Identification and Functional Annotation of LncRNAs in Human Disease. Health Information Science, 2017, , 51-60.	0.3	1
782	MiR-503 modulates epithelial-mesenchymal transition in silica-induced pulmonary fibrosis by targeting PI3K p85 and is sponged by lncRNA MALAT1. Scientific Reports, 2017, 7, 11313.	1.6	85
783	Identification of competing endogenous RNAs of the tumor suppressor gene PTEN: A probabilistic approach. Scientific Reports, 2017, 7, 7755.	1.6	18
784	A Novel Long Non-Coding RNA, SOX21-AS1, Indicates a Poor Prognosis and Promotes Lung Adenocarcinoma Proliferation. Cellular Physiology and Biochemistry, 2017, 42, 1857-1869.	1.1	49
785	Long non-coding RNA HOTTIP promotes hypoxia-induced epithelial-mesenchymal transition of malignant glioma by regulating the miR-101/ZEB1 axis. Biomedicine and Pharmacotherapy, 2017, 95, 711-720.	2.5	74
786	Long non-coding RNA SPRY4-IT1 promotes proliferation and invasion by acting as a ceRNA of miR-101-3p in colorectal cancer cells. Tumor Biology, 2017, 39, 101042831771625.	0.8	35
787	A IncRNA promotes myoblast proliferation by up-regulating GH1. In Vitro Cellular and Developmental Biology - Animal, 2017, 53, 699-705.	0.7	16

#	Article	IF	Citations
788	LncRNA TRERNA1 Function as an Enhancer of SNAI1 Promotes Gastric Cancer Metastasis by Regulating Epithelial-Mesenchymal Transition. Molecular Therapy - Nucleic Acids, 2017, 8, 291-299.	2.3	49
789	miR-206/133b Cluster: A Weapon against Lung Cancer?. Molecular Therapy - Nucleic Acids, 2017, 8, 442-449.	2.3	40
790	The nuclear protein-coding gene ANKRD23 negatively regulates myoblast differentiation. Gene, 2017, 629, 68-75.	1.0	3
791	Spatiotemporal expression profiling of long intervening noncoding RNAs in Caenorhabditis elegans. Scientific Reports, 2017, 7, 5195.	1.6	9
792	lnc133b, a novel, long non-coding RNA, regulates bovine skeletal muscle satellite cell proliferation and differentiation by mediating miR-133b. Gene, 2017, 630, 35-43.	1.0	58
793	MicroRNAs as stress regulators in pancreatic beta cells and diabetes. Molecular Metabolism, 2017, 6, 1010-1023.	3.0	129
794	Cardiovascular Disease and Long Noncoding RNAs. Circulation: Cardiovascular Genetics, 2017, 10, e001556.	5.1	14
795	Long Noncoding RNAs in Mammalian Development and Diseases. Advances in Experimental Medicine and Biology, 2017, 1008, 155-198.	0.8	41
796	Technological Developments in IncRNA Biology. Advances in Experimental Medicine and Biology, 2017, 1008, 283-323.	0.8	296
797	Long Noncoding RNA: Genome Organization and Mechanism of Action. Advances in Experimental Medicine and Biology, 2017, 1008, 47-74.	0.8	219
798	Long Noncoding RNAs in Pluripotency of Stem Cells and Cell Fate Specification. Advances in Experimental Medicine and Biology, 2017, 1008, 223-252.	0.8	17
799	Understanding the Role of IncRNAs in Nervous System Development. Advances in Experimental Medicine and Biology, 2017, 1008, 253-282.	0.8	42
800	Colon cancer associated transcripts in human cancers. Biomedicine and Pharmacotherapy, 2017, 94, 531-540.	2.5	32
801	Upregulation of long noncoding RNA AP003419.16 predicts high risk of aging-associated idiopathic pulmonary fibrosis. Molecular Medicine Reports, 2017, 16, 8085-8091.	1.1	17
802	Long non-coding RNA MEG3 functions as a competing endogenous RNA to regulate ischemic neuronal death by targeting miR-21/PDCD4 signaling pathway. Cell Death and Disease, 2017, 8, 3211.	2.7	161
803	H19 IncRNA regulates keratinocyte differentiation by targeting miR-130b-3p. Cell Death and Disease, 2017, 8, e3174-e3174.	2.7	52
804	Transcribed ultraconserved region 339 promotes carcinogenesis by modulating tumor suppressor microRNAs. Nature Communications, 2017, 8, 1801.	5.8	36
805	Long Noncoding RNA HCAL Facilitates the Growth and Metastasis of Hepatocellular Carcinoma by Acting as a ceRNA of LAPTM4B. Molecular Therapy - Nucleic Acids, 2017, 9, 440-451.	2.3	80

#	Article	IF	CITATIONS
806	microRNAs in skeletal muscle development. Seminars in Cell and Developmental Biology, 2017, 72, 67-76.	2.3	78
807	Competing endogenous RNA screening based on long noncoding RNA-messenger RNA co-expression profile in Hepatitis B virus-associated hepatocarcinogenesis. 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. 2017. 37. 510-521.	0.4	13
808	lncRNA DANCR promotes tumor progression and cancer stemness features in osteosarcoma by upregulating AXL via miR-33a-5p inhibition. Cancer Letters, 2017, 405, 46-55.	3.2	183
809	Construction of competitive endogenous RNA network reveals regulatory role of long nonâ€coding RNAs in type 2 diabetes mellitus. Journal of Cellular and Molecular Medicine, 2017, 21, 3204-3213.	1.6	48
810	Integrated analysis of non-coding RNA and mRNA expression profiles of 2 pig breeds differing in muscle traits1,2. Journal of Animal Science, 2017, 95, 1092-1103.	0.2	40
811	Independent channels for miRNA biosynthesis ensure efficient static and dynamic control in the regulation of the early stages of myogenesis. Journal of Theoretical Biology, 2017, 430, 53-63.	0.8	2
812	The lncRNA MALAT1 acts as a competing endogenous RNA to regulate KRAS expression by sponging miR-217 in pancreatic ductal adenocarcinoma. Scientific Reports, 2017, 7, 5186.	1.6	63
813	GAS5 knockdown reduces the chemo-sensitivity of non-small cell lung cancer (NSCLC) cell to cisplatin (DDP) through regulating miR-21/PTEN axis. Biomedicine and Pharmacotherapy, 2017, 93, 570-579.	2.5	106
814	LncRNA H19 promotes the differentiation of bovine skeletal muscle satellite cells by suppressing Sirt1/FoxO1. Cellular and Molecular Biology Letters, 2017, 22, 10.	2.7	54
815	Identifying miRNA sponge modules using biclustering and regulatory scores. BMC Bioinformatics, 2017, 18, 44.	1.2	25
816	High-throughput validation of ceRNA regulatory networks. BMC Genomics, 2017, 18, 418.	1.2	46
817	Long Noncoding RNA Taurine-Upregulated Gene 1 Promotes Cell Proliferation and Invasion in Gastric Cancer via Negatively Modulating miRNA-145-5p. Oncology Research, 2017, 25, 789-798.	0.6	45
818	Profiles of long noncoding RNAs in hypertensive rats. Journal of Hypertension, 2017, 35, 1195-1203.	0.3	37
819	LncRNA AK015322 promotes proliferation of spermatogonial stem cell C18-4 by acting as a decoy for microRNA-19b-3p. In Vitro Cellular and Developmental Biology - Animal, 2017, 53, 277-284.	0.7	42
820	The lncRNA HOTAIRM1 regulates the degradation of PML-RARA oncoprotein and myeloid cell differentiation by enhancing the autophagy pathway. Cell Death and Differentiation, 2017, 24, 212-224.	5.0	180
821	PTENp1, a natural sponge of miRâ€21, mediates PTEN expression to inhibit the proliferation of oral squamous cell carcinoma. Molecular Carcinogenesis, 2017, 56, 1322-1334.	1.3	66
822	Long Non-Coding RNAs: A Novel Paradigm for Toxicology. Toxicological Sciences, 2017, 155, 3-21.	1.4	106
823	Regulation of crucial lnc <scp>RNA</scp> s in differentiation of chicken embryonic stem cells to spermatogonia stem cells. Animal Genetics, 2017, 48, 191-204.	0.6	10

#	Article	IF	CITATIONS
824	Challenges and Opportunities in Linking Long Noncoding RNAs to Cardiovascular, Lung, and Blood Diseases. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 21-25.	1.1	39
825	Identification of a Long Noncoding RNA-Associated Competing Endogenous RNA Network in Intracranial Aneurysm. World Neurosurgery, 2017, 97, 684-692.e4.	0.7	27
826	Long noncoding RNA MEG3 induces cholestatic liver injury by interaction with PTBP1 to facilitate shp mRNA decay. Hepatology, 2017, 65, 604-615.	3.6	158
827	Downregulation of long non-coding RNAs JPX and XIST is associated with the prognosis of hepatocellular carcinoma. Clinics and Research in Hepatology and Gastroenterology, 2017, 41, 163-170.	0.7	46
828	The long non-coding RNA, SNHG6-003, functions as a competing endogenous RNA to promote the progression of hepatocellular carcinoma. Oncogene, 2017, 36, 1112-1122.	2.6	166
829	Posttranscriptional regulation of intestinal epithelial integrity by noncoding <scp>RNAs</scp> . Wiley Interdisciplinary Reviews RNA, 2017, 8, e1399.	3.2	38
830	PceRBase: a database of plant competing endogenous RNA. Nucleic Acids Research, 2017, 45, D1009-D1014.	6.5	50
831	The Yin and Yang of nucleic acid-based therapy in the brain. Progress in Neurobiology, 2017, 155, 194-211.	2.8	22
832	The IncRNA SNHG5/miRâ€32 axis regulates gastric cancer cell proliferation and migration by targeting KLF4. FASEB Journal, 2017, 31, 893-903.	0.2	158
833	Differential expression and emerging functions of non-coding RNAs in cold adaptation. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2017, 187, 19-28.	0.7	11
834	The long non-coding RNA ENST00000547547 reduces 5-fluorouracil resistance of colorectal cancer cells via competitive binding to microRNA-31. Oncology Reports, 2017, 39, 217-226.	1.2	21
835	Identification and association of novel IncRNA pouMU1 gene mutations with chicken performance traits. Journal of Genetics, 2017, 96, 941-950.	0.4	20
836	SNHG15 affects the growth of glioma microvascular endothelial cells by negatively regulating miR-153. Oncology Reports, 2017, 38, 3265-3277.	1.2	64
837	A novel lnc-PCF promotes the proliferation of TGF- $\hat{1}^21$ -activated epithelial cells by targeting miR-344a-5p to regulate map3k11 in pulmonary fibrosis. Cell Death and Disease, 2017, 8, e3137-e3137.	2.7	39
838	LncRNA profiling of skeletal muscles in Large White pigs and Mashen pigs during development1,2. Journal of Animal Science, 2017, 95, 4239-4250.	0.2	47
839	From epigenetics to anti-doping application: a new tool of detection. Human Movement, 2017, 18, 3-10.	0.5	2
840	Identification of long non-coding RNAs in the immature and mature rat anterior pituitary. Scientific Reports, 2017, 7, 17780.	1.6	19
841	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. Cancer Biomarkers, 2017, 20, 55-65.	0.8	30

#	Article	IF	CITATIONS
842	Long non-coding RNA H19 regulates E2F1 expression by competitively sponging endogenous miR-29a-3p in clear cell renal cell carcinoma. Cell and Bioscience, 2017, 7, 65.	2.1	55
843	HOTAIR regulates HK2 expression by binding endogenous miR-125 and miR-143 in oesophageal squamous cell carcinoma progression. Oncotarget, 2017, 8, 86410-86422.	0.8	39
844	Identification of laryngeal cancer prognostic biomarkers using an inflammatory gene-related, competitive endogenous RNA network. Oncotarget, 2017, 8, 9525-9534.	0.8	19
845	Identification of potential prognostic ceRNA module biomarkers in patients with pancreatic adenocarcinoma. Oncotarget, 2017, 8, 94493-94504.	0.8	15
846	Non-coding RNAs in exercise. Non-coding RNA Investigation, 0, 1, 10-10.	0.6	3
847	An Overall View of the Regulation of Hepatic Lipid Metabolism in Chicken Revealed by New-Generation Sequencing., 2017,,.		5
848	Integrated Analysis of Long Non-coding RNAs (LncRNAs) and mRNA Expression Profiles Reveals the Potential Role of LncRNAs in Skeletal Muscle Development of the Chicken. Frontiers in Physiology, 2016, 7, 687.	1.3	87
849	LncRNA-Six1 Encodes a Micropeptide to Activate Six1 in Cis and Is Involved in Cell Proliferation and Muscle Growth. Frontiers in Physiology, 2017, 8, 230.	1.3	99
850	Proteomic Analysis of Chicken Skeletal Muscle during Embryonic Development. Frontiers in Physiology, 2017, 8, 281.	1.3	59
851	Assembly and Annotation of Transcriptome Provided Evidence of miRNA Mobility between Wheat and Wheat Stem Sawfly. Frontiers in Plant Science, 2017, 8, 1653.	1.7	18
852	Long non-coding RNA UICLM promotes colorectal cancer liver metastasis by acting as a ceRNA for microRNA-215 to regulate ZEB2 expression. Theranostics, 2017, 7, 4836-4849.	4.6	265
853	Insight into the Role of Long Non-coding RNAs During Osteogenesis in Mesenchymal Stem Cells. Current Stem Cell Research and Therapy, 2017, 13, 52-59.	0.6	12
854	Linc00152 suppresses apoptosis and promotes migration by sponging miR-4767 in vascular endothelial cells. Oncotarget, 2017, 8, 85014-85023.	0.8	22
855	MALAT1-mediated tumorigenesis. Frontiers in Bioscience - Landmark, 2017, 22, 66-80.	3.0	56
856	An integrated analysis for long noncoding RNAs and microRNAs with the mediated competing endogenous RNA network in papillary renal cell carcinoma. OncoTargets and Therapy, 2017, Volume 10, 4037-4050.	1.0	29
857	Long Non-Coding RNAs in Metabolic Organs and Energy Homeostasis. International Journal of Molecular Sciences, 2017, 18, 2578.	1.8	57
858	Long Noncoding RNAs as Diagnostic and Therapeutic Targets in Type 2 Diabetes and Related Complications. Genes, 2017, 8, 207.	1.0	69
859	LncRNA-AF113014 promotes the expression of Egr2 by interaction with miR-20a to inhibit proliferation of hepatocellular carcinoma cells. PLoS ONE, 2017, 12, e0177843.	1.1	20

#	Article	IF	Citations
860	LncRNA as a Therapeutic Target for Angiogenesis. Current Topics in Medicinal Chemistry, 2017, 17, 1750-1757.	1.0	213
861	MicroRNAs in Idiopathic Pulmonary Fibrosis. , 2017, , 179-202.		3
862	Function by Structure: Spotlights on Xist Long Non-coding RNA. Frontiers in Molecular Biosciences, 2017, 4, 90.	1.6	84
863	Integrative analysis of IncRNAs and miRNAs with coding RNAs associated with ceRNA crosstalk network in triple negative breast cancer. OncoTargets and Therapy, 2017, Volume 10, 5883-5897.	1.0	49
864	Long Non-Coding RNAs: Key Regulators of Epithelial-Mesenchymal Transition, Tumour Drug Resistance and Cancer Stem Cells. Cancers, 2017, 9, 38.	1.7	143
865	Genome-Wide Analysis Reveals Extensive Changes in LncRNAs during Skeletal Muscle Development in Hu Sheep. Genes, 2017, 8, 191.	1.0	41
866	Potentials of Long Noncoding RNAs (LncRNAs) in Sarcoma: From Biomarkers to Therapeutic Targets. International Journal of Molecular Sciences, 2017, 18, 731.	1.8	30
867	Roles of LncRNAs in Viral Infections. Frontiers in Cellular and Infection Microbiology, 2017, 7, 205.	1.8	88
868	Emerging Evidence of Epigenetic Modifications in Vascular Complication of Diabetes. Frontiers in Endocrinology, 2017, 8, 237.	1.5	49
869	Non-coding RNAs in the Ovarian Follicle. Frontiers in Genetics, 2017, 8, 57.	1.1	31
870	Long Non-coding RNAs in Hepatitis C Virus-Infected Cells. Frontiers in Microbiology, 2017, 8, 1833.	1.5	17
871	Mechanisms of Long Non-Coding RNAs in the Assembly and Plasticity of Neural Circuitry. Frontiers in Neural Circuits, 2017, 11, 76.	1.4	37
872	Rpph1 Upregulates CDC42 Expression and Promotes Hippocampal Neuron Dendritic Spine Formation by Competing with miR-330-5p. Frontiers in Molecular Neuroscience, 2017, 10, 27.	1.4	53
873	Long Noncoding RNAs and RNA-Binding Proteins in Oxidative Stress, Cellular Senescence, and Age-Related Diseases. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-21.	1.9	82
874	Colorectal Cancer: From the Genetic Model to Posttranscriptional Regulation by Noncoding RNAs. BioMed Research International, 2017, 2017, 1-38.	0.9	40
875	Transcriptomic Analysis of Long Non-Coding RNAs and Coding Genes Uncovers a Complex Regulatory Network That Is Involved in Maize Seed Development. Genes, 2017, 8, 274.	1.0	36
876	Noncoding RNAs as Critical Players in Regulatory Accuracy, Redox Signaling, and Immune Cell Functions., 2017,, 215-284.		0
877	LincRNA-p21 inhibits invasion and metastasis of hepatocellular carcinoma through miR-9/E-cadherin cascade signaling pathway molecular mechanism. OncoTargets and Therapy, 2017, Volume 10, 3241-3247.	1.0	29

#	Article	IF	CITATIONS
878	Circular RNAs: Regulators of Cancer-Related Signaling Pathways and Potential Diagnostic Biomarkers for Human Cancers. Theranostics, 2017, 7, 3106-3117.	4.6	128
879	Long noncoding RNA NBAT-1 suppresses tumorigenesis and predicts favorable prognosis in ovarian cancer. OncoTargets and Therapy, 2017, Volume 10, 1993-2002.	1.0	30
880	The long noncoding RNA, TINCR, functions as a competing endogenous RNA to regulate PDK1 expression by sponging miR-375 in gastric cancer. OncoTargets and Therapy, 2017, Volume 10, 3353-3362.	1.0	54
881	Identification and Analysis of P53-Mediated Competing Endogenous RNA Network in Human Hepatocellular Carcinoma. International Journal of Biological Sciences, 2017, 13, 1213-1221.	2.6	20
882	LncRNA XIST acts as a tumor suppressor in prostate cancer through sponging miR-23a to modulate RKIP expression. Oncotarget, 2017, 8, 94358-94370.	0.8	78
883	Long noncoding RNAs are dynamically regulated during \hat{l}^2 -cell mass expansion in mouse pregnancy and control \hat{l}^2 -cell proliferation in vitro. PLoS ONE, 2017, 12, e0182371.	1.1	14
884	Role of the long non-coding RNA PVT1 in the dysregulation of the ceRNA-ceRNA network in human breast cancer. PLoS ONE, 2017, 12, e0171661.	1.1	92
885	The noncoding RNA HOXD-AS1 is a critical regulator of the metastasis and apoptosis phenotype in human hepatocellular carcinoma. Molecular Cancer, 2017, 16, 125.	7.9	76
886	STAT3-mediated upregulation of lncRNA HOXD-AS1 as a ceRNA facilitates liver cancer metastasis by regulating SOX4. Molecular Cancer, 2017, 16, 136.	7.9	434
887	Long non-coding RNA linc00673 regulated non-small cell lung cancer proliferation, migration, invasion and epithelial mesenchymal transition by sponging miR-150-5p. Molecular Cancer, 2017, 16, 118.	7.9	251
888	LncRNA RP11-436H11.5, functioning as a competitive endogenous RNA, upregulates BCL-W expression by sponging miR-335-5p and promotes proliferation and invasion in renal cell carcinoma. Molecular Cancer, 2017, 16, 166.	7.9	72
889	Long noncoding RNA NORAD, a novel competing endogenous RNA, enhances the hypoxia-induced epithelial-mesenchymal transition to promote metastasis in pancreatic cancer. Molecular Cancer, 2017, 16, 169.	7.9	193
890	LncRNA as ceRNAs may be involved in lactation process. Oncotarget, 2017, 8, 98014-98028.	0.8	23
891	Computational Challenges and -omics Approaches for the Identification of microRNAs and Targets. , 2017, , 39-59.		1
892	Downregulation of long noncoding RNA HOTAIRM1 promotes monocyte/dendritic cell differentiation through competitively binding to endogenous miR-3960. OncoTargets and Therapy, 2017, Volume 10, 1307-1315.	1.0	57
893	Deregulation of miR-183 promotes melanoma development via lncRNA MALAT1 regulation and ITGB1 signal activation. Oncotarget, 2017, 8, 3509-3518.	0.8	52
894	Taurine-upregulated gene 1: A vital long non-coding RNA associated with cancer in humans. Molecular Medicine Reports, 2017, 16, 6467-6471.	1.1	18
895	Genome-wide analysis of circular RNAs in prenatal and postnatal muscle of sheep. Oncotarget, 2017, 8, 97165-97177.	0.8	32

#	Article	IF	CITATIONS
896	Long non-coding RNA PTENP1 interacts with miR-193a-3p to suppress cell migration and invasion through the PTEN pathway in hepatocellular carcinoma. Oncotarget, 2017, 8, 107859-107869.	0.8	59
897	Long intergenic nonâ€'coding RNAâ€'p21 mediates cardiac senescence via the Wnt/l²â€'catenin signaling pathwa in doxorubicin-induced cardiotoxicity. Molecular Medicine Reports, 2018, 17, 2695-2704.	y _{1.1}	30
898	H19 functions as a competing endogenous RNA to regulate human epidermal growth factor receptor expression by sequestering letâ€'7c in gastric cancer. Molecular Medicine Reports, 2017, 17, 2600-2606.	1.1	17
899	LncRNAs: key players and novel insights into diabetes mellitus. Oncotarget, 2017, 8, 71325-71341.	0.8	81
900	Long noncoding RNAs and their roles in skeletal muscle fate determination. Non-coding RNA Investigation, 2017, 1, 24-24.	0.6	17
901	Long non-coding RNA HOXA-AS2 promotes proliferation and invasion of breast cancer by acting as a miR-520c-3p sponge. Oncotarget, 2017, 8, 46090-46103.	0.8	54
902	Sequencing and characterization of lncRNAs in the breast muscle of Gushi and Arbor Acres chickens. Genome, 2018, 61, 337-347.	0.9	24
903	A newly identified lncRNA MAR1 acts as a miRâ€487b sponge to promote skeletal muscle differentiation and regeneration. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 613-626.	2.9	154
904	Analysis of LncRNA expression in cell differentiation. RNA Biology, 2018, 15, 413-422.	1.5	31
905	Inferences of individual drug responses across diverse cancer types using a novel competing endogenous RNA network. Molecular Oncology, 2018, 12, 1429-1446.	2.1	29
906	Anti-differentiation non-coding RNA, ANCR, is differentially expressed in different types of brain tumors. Journal of Neuro-Oncology, 2018, 138, 261-270.	1.4	10
907	LncRNA-OIS1 regulates DPP4 activation to modulate senescence induced by RAS. Nucleic Acids Research, 2018, 46, 4213-4227.	6.5	40
908	Cytoplasmic functions of long noncoding RNAs. Wiley Interdisciplinary Reviews RNA, 2018, 9, e1471.	3.2	327
909	Upregulation of long noncoding RNA Gadd45a is associated with sevoflurane-induced neurotoxicity in rat neural stem cells. NeuroReport, 2018, 29, 605-614.	0.6	20
910	Long nonâ€coding <scp>RNA CASC</scp> 15 regulates gastric cancer cell proliferation, migration and epithelial mesenchymal transition by targeting <scp>CDKN</scp> 1A and <scp>ZEB</scp> 1. Molecular Oncology, 2018, 12, 799-813.	2.1	84
911	N 6-Methyladenosine modification of lincRNA 1281 is critically required for mESC differentiation potential. Nucleic Acids Research, 2018, 46, 3906-3920.	6.5	208
912	Muscle microRNA signatures as biomarkers of disease progression in amyotrophic lateral sclerosis. Neurobiology of Disease, 2018, 114, 85-94.	2.1	40
913	Adiponectin AS IncRNA inhibits adipogenesis by transferring from nucleus to cytoplasm and attenuating Adiponectin mRNA translation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 420-432.	1.2	72

#	Article	IF	CITATIONS
914	LncRNA Expression Profile of Human Thoracic Aortic Dissection by High-Throughput Sequencing. Cellular Physiology and Biochemistry, 2018, 46, 1027-1041.	1.1	27
915	Long Intergenic Noncoding RNA 00152 Promotes Glioma Cell Proliferation and Invasion by Interacting with MiR-16. Cellular Physiology and Biochemistry, 2018, 46, 1055-1064.	1.1	24
916	Long non-coding RNA (IncRNA) MAGI2-AS3 inhibits breast cancer cell growth by targeting the Fas/FasL signalling pathway. Human Cell, 2018, 31, 232-241.	1.2	81
917	Upregulated long non-coding RNA SBF2-AS1 promotes proliferation in esophageal squamous cell carcinoma. Oncology Letters, 2018, 15, 5071-5080.	0.8	25
918	Insights into the roles of lncRNAs in skeletal and dental diseases. Cell and Bioscience, 2018, 8, 8.	2.1	13
919	A novel long non-coding RNA Myolinc regulates myogenesis through TDP-43 and Filip1. Journal of Molecular Cell Biology, 2018, 10, 102-117.	1.5	56
920	Pan-Cancer Analysis of IncRNA Regulation Supports Their Targeting of Cancer Genes in Each Tumor Context. Cell Reports, 2018, 23, 297-312.e12.	2.9	205
921	Landscape of long non-coding RNAs in Trichophyton mentagrophytes-induced rabbit dermatophytosis lesional skin and normal skin. Functional and Integrative Genomics, 2018, 18, 401-410.	1.4	3
922	mi <scp>RNA</scp> â€mediated â€~tugâ€ofâ€war' model reveals ce <scp>RNA</scp> propensity of genes in cancers. Molecular Oncology, 2018, 12, 855-868.	2.1	12
923	A nonâ€canonical tumor suppressive role for the long nonâ€coding RNA <i>MALAT1 </i> in colon and breast cancers. International Journal of Cancer, 2018, 143, 668-678.	2.3	66
924	Long Noncoding RNA NEAT1 Promotes Proliferation and Invasion via Targeting miR-181a-5p in Non-Small Cell Lung Cancer. Oncology Research, 2018, 26, 289-296.	0.6	78
925	Circular RNA ciRS-7 accelerates ESCC progression through acting as a miR-876-5p sponge to enhance MAGE-A family expression. Cancer Letters, 2018, 426, 37-46.	3.2	135
926	Inhibition of the JNK/MAPK signaling pathway by myogenesis-associated miRNAs is required for skeletal muscle development. Cell Death and Differentiation, 2018, 25, 1581-1597.	5.0	79
927	Ultraconserved element uc.372 drives hepatic lipid accumulation by suppressing miR-195/miR4668 maturation. Nature Communications, 2018, 9, 612.	5.8	76
929	Lnc-ing non-coding RNAs with metabolism and diabetes: roles of lncRNAs. Cellular and Molecular Life Sciences, 2018, 75, 1827-1837.	2.4	73
930	Extracellular vesicle-mimetic nanovesicles transport LncRNA-H19 as competing endogenous RNA for the treatment of diabetic wounds. Drug Delivery, 2018, 25, 241-255.	2.5	114
931	1700108J01Rik and 1700101022Rik are mouse testis-specific long non-coding RNAs. Histochemistry and Cell Biology, 2018, 149, 517-527.	0.8	12
932	LncRNA GAS5 Represses Osteosarcoma Cells Growth and Metastasis via Sponging MiR-203a. Cellular Physiology and Biochemistry, 2018, 45, 844-855.	1.1	57

#	Article	IF	CITATIONS
933	Linc-RAM is required for FGF2 function in regulating myogenic cell differentiation. RNA Biology, 2018, 15, 404-412.	1.5	18
934	SIRT1 regulates inflammation response of macrophages in sepsis mediated by long noncoding RNA. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 784-792.	1.8	45
935	Long non-coding RNAs in the regulation of skeletal myogenesis and muscle diseases. Cancer Letters, 2018, 417, 58-64.	3.2	81
936	Long non-coding RNA H19 mediates mechanical tension-induced osteogenesis of bone marrow mesenchymal stem cells via FAK by sponging miR-138. Bone, 2018, 108, 62-70.	1.4	100
937	Long Noncoding RNA in Cancer: Wiring Signaling Circuitry. Trends in Cell Biology, 2018, 28, 287-301.	3.6	424
938	Long nonâ€coding RNA TCONS_00041960 enhances osteogenesis and inhibits adipogenesis of rat bone marrow mesenchymal stem cell by targeting miRâ€204â€5p and miRâ€125aâ€3p. Journal of Cellular Physiology, 2018, 233, 6041-6051.	2.0	62
939	Comprehensive analysis of lncRNAs and mRNAs with associated co-expression and ceRNA networks in C2C12 myoblasts and myotubes. Gene, 2018, 647, 164-173.	1.0	28
940	TGF-& beta; signaling in cancer metastasis. Acta Biochimica Et Biophysica Sinica, 2018, 50, 121-132.	0.9	178
941	Long Non-coding RNA LINC00339 Stimulates Glioma Vasculogenic Mimicry Formation by Regulating the miR-539-5p/TWIST1/MMPs Axis. Molecular Therapy - Nucleic Acids, 2018, 10, 170-186.	2.3	58
942	Long noncoding RNA CASC9.5 promotes the proliferation and metastasis of lung adenocarcinoma. Scientific Reports, 2018, 8, 37.	1.6	45
943	LncRNA Inc-RI regulates homologous recombination repair of DNA double-strand breaks by stabilizing RAD51 mRNA as a competitive endogenous RNA. Nucleic Acids Research, 2018, 46, 717-729.	6.5	84
944	LncRNA-DANCR: A valuable cancer related long non-coding RNA for human cancers. Pathology Research and Practice, 2018, 214, 801-805.	1.0	91
945	Baicalein inhibits breast cancer growth via activating a novel isoform of the long noncoding RNA PAX8â€AS1â€N. Journal of Cellular Biochemistry, 2018, 119, 6842-6856.	1.2	34
946	Uncovering novel landscape of cardiovascular diseases and therapeutic targets for cardioprotection via long noncoding RNA–miRNA–mRNA axes. Epigenomics, 2018, 10, 661-671.	1.0	56
947	miR-206 is required for changes in cell adhesion that drive muscle cell morphogenesis in Xenopus laevis. Developmental Biology, 2018, 438, 94-110.	0.9	11
948	circFGFR4 Promotes Differentiation of Myoblasts via Binding miR-107 to Relieve Its Inhibition of Wnt3a. Molecular Therapy - Nucleic Acids, 2018, 11, 272-283.	2.3	142
949	Expression patterns of regulatory RNAs, including IncRNAs and tRNAs, during postnatal growth of normal and dystrophic (mdx) mouse muscles, and their response to taurine treatment. International Journal of Biochemistry and Cell Biology, 2018, 99, 52-63.	1.2	10
950	p53 mediated transcriptional regulation of long non-coding RNA by 1-hydroxy-1-norresistomycin triggers intrinsic apoptosis in adenocarcinoma lung cancer. Chemico-Biological Interactions, 2018, 287, 1-12.	1.7	30

#	Article	IF	CITATIONS
951	Long noncoding RNAs in lipid metabolism. Current Opinion in Lipidology, 2018, 29, 224-232.	1.2	46
952	Long non-coding RNA ROR promotes radioresistance in hepatocelluar carcinoma cells by acting as a ceRNA for microRNA-145 to regulate RAD18 expression. Archives of Biochemistry and Biophysics, 2018, 645, 117-125.	1.4	71
953	Complexities of post-transcriptional regulation and the modeling of ceRNA crosstalk. Critical Reviews in Biochemistry and Molecular Biology, 2018, 53, 231-245.	2.3	175
954	Long noncoding RNA DANCR mediates cisplatin resistance in glioma cells via activating AXL/PI3K/Akt/NF-κB signaling pathway. Neurochemistry International, 2018, 118, 233-241.	1.9	98
955	Long noncoding RNA: a crosslink in biological regulatory network. Briefings in Bioinformatics, 2018, 19, 930-945.	3.2	103
956	IncRNAs, DNA Methylation, and the Pathobiology of Exfoliation Glaucoma. Journal of Glaucoma, 2018, 27, 202-209.	0.8	13
957	Non-coding RNA regulation of T cell biology: Implications for age-associated cardiovascular diseases. Experimental Gerontology, 2018, 109, 38-46.	1.2	8
958	Long Noncoding RNAs and Cardiac Disease. Antioxidants and Redox Signaling, 2018, 29, 880-901.	2.5	64
959	Activating the Chromatin by Noncoding RNAs. Antioxidants and Redox Signaling, 2018, 29, 813-831.	2.5	20
960	MALAT1 modulates the autophagy of retinoblastoma cell through miRâ€124â€mediated stx17 regulation. Journal of Cellular Biochemistry, 2018, 119, 3853-3863.	1.2	74
961	CircFUT10 reduces proliferation and facilitates differentiation of myoblasts by sponging miRâ€133a. Journal of Cellular Physiology, 2018, 233, 4643-4651.	2.0	137
962	Long Noncoding RNAs in Diabetes and Diabetic Complications. Antioxidants and Redox Signaling, 2018, 29, 1064-1073.	2.5	70
963	Analyzing the LncRNA, miRNA, and mRNA Regulatory Network in Prostate Cancer with Bioinformatics Software. Journal of Computational Biology, 2018, 25, 146-157.	0.8	55
964	Interaction and cross-talk between non-coding RNAs. Cellular and Molecular Life Sciences, 2018, 75, 467-484.	2.4	240
965	Evaluation and control of miRNA-like off-target repression for RNA interference. Cellular and Molecular Life Sciences, 2018, 75, 797-814.	2.4	75
966	IncRNA <i>AKO17368</i> promotes proliferation and suppresses differentiation of myoblasts in skeletal muscle development by attenuating the function of miRâ€30c. FASEB Journal, 2018, 32, 377-389.	0.2	68
967	Gene regulation of mammalian long non-coding RNA. Molecular Genetics and Genomics, 2018, 293, 1-15.	1.0	123
968	Long non-coding RNA ZFAS1 sponges miR-484 to promote cell proliferation and invasion in colorectal cancer. Cell Cycle, 2018, 17, 154-161.	1.3	70

#	Article	IF	CITATIONS
970	LncRNA SNHG12 promotes tumorigenesis and metastasis in osteosarcoma by upregulating Notch2 by sponging miR-195-5p. Biochemical and Biophysical Research Communications, 2018, 495, 1822-1832.	1.0	126
971	Long Noncoding RNA-1604 Orchestrates Neural Differentiation through the miR-200c/ZEB Axis. Stem Cells, 2018, 36, 325-336.	1.4	33
972	Functional Role of a Novel Long Noncoding RNA <i>TTN-AS1 </i> in Esophageal Squamous Cell Carcinoma Progression and Metastasis. Clinical Cancer Research, 2018, 24, 486-498.	3.2	128
973	Long noncoding RNA FTX regulates cardiomyocyte apoptosis by targeting miR-29b-1-5p and Bcl2l2. Biochemical and Biophysical Research Communications, 2018, 495, 312-318.	1.0	81
974	Long non-coding RNA TRPM2-AS as a potential biomarker for hepatocellular carcinoma. Irish Journal of Medical Science, 2018, 187, 621-628.	0.8	16
975	Long nonâ€coding RNA H19 suppresses retinoblastoma progression via counteracting miRâ€17â€92 cluster. Journal of Cellular Biochemistry, 2018, 119, 3497-3509.	1.2	56
976	LncRNAâ€TCONS_00034812 in cell proliferation and apoptosis of pulmonary artery smooth muscle cells and its mechanism. Journal of Cellular Physiology, 2018, 233, 4801-4814.	2.0	49
977	Valsartan regulates TGF- \hat{l}^2 /Smads and TGF- \hat{l}^2 /p38 pathways through lncRNA CHRF to improve doxorubicin-induced heart failure. Archives of Pharmacal Research, 2018, 41, 101-109.	2.7	48
978	Knockdown of LncRNA ANRIL suppresses cell proliferation, metastasis, and invasion via regulating miR-122-5p expression in hepatocellular carcinoma. Journal of Cancer Research and Clinical Oncology, 2018, 144, 205-214.	1.2	108
979	A heart-enriched antisense long non-coding RNA regulates the balance between cardiac and skeletal muscle triadin. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 247-258.	1.9	15
980	Oxidative Stress in Mesenchymal Stem Cell Senescence: Regulation by Coding and Noncoding RNAs. Antioxidants and Redox Signaling, 2018, 29, 864-879.	2.5	71
981	Regulation and phylogeny of skeletal muscle regeneration. Developmental Biology, 2018, 433, 200-209.	0.9	149
982	Genetic landscape of long noncoding RNA (IncRNAs) in glioblastoma: identification of complex IncRNA regulatory networks and clinically relevant IncRNAs in glioblastoma. Oncotarget, 2018, 9, 29548-29564.	0.8	33
983	Expression profiles of circular RNAs in sheep skeletal muscle. Asian-Australasian Journal of Animal Sciences, 2018, 31, 1550-1557.	2.4	54
985	Prognostic Value of Long Noncoding RNAs in Patients with Gastrointestinal Cancer: A Systematic Review and Meta-Analysis. Disease Markers, 2018, 2018, 1-15.	0.6	12
986	Long noncoding RNA TUG1 promotes cardiac fibroblast transformation to myofibroblasts via miR‑29c in chronic hypoxia. Molecular Medicine Reports, 2018, 18, 3451-3460.	1.1	26
987	SNHG16/miR-140-5p axis promotes esophagus cancer cell proliferation, migration and EMT formation through regulating ZEB1. Oncotarget, 2018, 9, 1028-1040.	0.8	70
989	The value of long noncoding RNA CASC2 as a biomarker of prognosis in carcinomas: a meta-analysis. Journal of Cancer, 2018, 9, 3824-3830.	1.2	7

#	Article	IF	CITATIONS
990	Expression profiling of lncRNAs and mRNAs reveals regulation of muscle growth in the Pacific abalone, Haliotis discus hannai. Scientific Reports, 2018, 8, 16839.	1.6	13
991	Long non-coding RNAs in hematopoietic regulation. Cell Regeneration, 2018, 7, 27-32.	1.1	40
992	EIF4A3-induced circular RNA MMP9 (circMMP9) acts as a sponge of miR-124 and promotes glioblastoma multiforme cell tumorigenesis. Molecular Cancer, 2018, 17, 166.	7.9	249
993	Comprehensive analysis of aberrantly expressed profiles of IncRNAs, miRNAs and mRNAs with associated ceRNA network in cholangiocarcinoma. Cancer Biomarkers, 2018, 23, 549-559.	0.8	25
994	A Potential Role for the Noncoding Transcriptome in Psychiatric Disorders. Harvard Review of Psychiatry, 2018, 26, 364-373.	0.9	1
995	Interplay Between Long Noncoding RNAs and MicroRNAs in Cancer. Methods in Molecular Biology, 2018, 1819, 75-92.	0.4	34
996	Noncoding RNAs in Muscle Atrophy. Advances in Experimental Medicine and Biology, 2018, 1088, 249-266.	0.8	8
997	RNome: Evolution and Nature. , 2018, , 1-78.		0
998	microRNAs Sculpt Neuronal Communication in a Tight Balance That Is Lost in Neurological Disease. Frontiers in Molecular Neuroscience, 2018, 11, 455.	1.4	47
999	Long Noncoding RNAs and Their Role in Oncogenesis. Molecular Biology, 2018, 52, 787-798.	0.4	9
1000	Systemic functional enrichment and ceRNA network identification following peripheral nerve injury. Molecular Brain, 2018, 11, 73.	1.3	15
1001	Long non-coding RNA HOTTIP promotes renal cell carcinoma progression through the regulation of the miR-615/IGF-2 pathway. International Journal of Oncology, 2018, 53, 2278-2288.	1.4	27
1002	The <i>DGCR5</i> long noncoding RNA may regulate expression of several schizophrenia-related genes. Science Translational Medicine, 2018, 10, .	5.8	65
1003	IncRNA-Six1 Is a Target of miR-1611 that Functions as a ceRNA to Regulate Six1 Protein Expression and Fiber Type Switching in Chicken Myogenesis. Cells, 2018, 7, 243.	1.8	41
1004	Knockdown of MALAT1 inhibits osteosarcoma progression via regulating the miR‑34a/cyclin D1 axis. International Journal of Oncology, 2019, 54, 17-28.	1.4	32
1006	Filtered reproductive long non-coding RNAs by genome-wide analyses of goat ovary at different estrus periods. BMC Genomics, 2018, 19, 866.	1.2	55
1007	Potential functions of long nonâ€'coding RNAs in the osteogenic differentiation of human bone marrow mesenchymal stem cells. Molecular Medicine Reports, 2018, 19, 103-114.	1.1	6
1008	LINCO0662 promotes gastric cancer cell growth by modulating the Hippo-YAP1 pathway. Biochemical and Biophysical Research Communications, 2018, 505, 843-849.	1.0	53

#	Article	IF	CITATIONS
1009	Blood-Based Cancer Biomarkers in Liquid Biopsy: A Promising Non-Invasive Alternative to Tissue Biopsy. International Journal of Molecular Sciences, 2018, 19, 2877.	1.8	275
1010	Integrated analysis of long noncoding <scp>RNA</scp> associatedâ€competing endogenous <scp>RNA</scp> as prognostic biomarkers in clear cell renal carcinoma. Cancer Science, 2018, 109, 3336-3349.	1.7	33
1011	A Three Long Noncoding RNA-Based Signature for Oral Squamous Cell Carcinoma Prognosis Prediction. DNA and Cell Biology, 2018, 37, 888-895.	0.9	20
1012	Long Noncoding RNAs and Human Osteosarcoma. Journal of Stem Cell Research & Therapy, 2018, 08, .	0.3	2
1013	Long Non-Coding MALAT1 Functions as a Competing Endogenous RNA to Regulate Vimentin Expression by Sponging miR-30a-5p in Hepatocellular Carcinoma. Cellular Physiology and Biochemistry, 2018, 50, 108-120.	1.1	46
1014	LncRNA ADAMTS9-AS2 regulates ovarian cancer progression by targeting miR-182-5p/FOXF2 signaling pathway. International Journal of Biological Macromolecules, 2018, 120, 1705-1713.	3.6	64
1015	A novel long noncoding RNA HOXC-AS3 mediates tumorigenesis of gastric cancer by binding to YBX1. Genome Biology, 2018, 19, 154.	3.8	216
1016	Circular RNAs as Therapeutic Agents and Targets. Frontiers in Physiology, 2018, 9, 1262.	1.3	134
1017	Long Noncoding RNA CAMTA1 Promotes Proliferation and Mobility of the Human Breast Cancer Cell Line MDA-MB-231 via Targeting miR-20b. Oncology Research, 2018, 26, 625-635.	0.6	13
1018	The IncRNA CCAT1 upregulates TGFβR1 via sponging miR-490-3p to promote TGFβ1-induced EMT of ovarian cancer cells. Cancer Cell International, 2018, 18, 145.	1.8	34
1019	Target RNAs Strike Back on MicroRNAs. Frontiers in Genetics, 2018, 9, 435.	1.1	69
1020	SP1-induced lncRNA-ZFAS1 contributes to colorectal cancer progression via the miR-150-5p/VEGFA axis. Cell Death and Disease, 2018, 9, 982.	2.7	165
1021	Identification of Differentially Expressed Non-coding RNA in Porcine Alveolar Macrophages from Tongcheng and Large White Pigs Responded to PRRSV. Scientific Reports, 2018, 8, 15621.	1.6	20
1022	MicroRNA and Long Non-coding RNA Regulation in Skeletal Muscle From Growth to Old Age Shows Striking Dysregulation of the Callipyge Locus. Frontiers in Genetics, 2018, 9, 548.	1.1	21
1023	Transcriptome Profile Analysis Reveals an Estrogen Induced LncRNA Associated with Lipid Metabolism and Carcass Traits in Chickens (Gallus Gallus). Cellular Physiology and Biochemistry, 2018, 50, 1638-1658.	1.1	15
1024	The lncRNA TUG1 promotes epithelial ovarian cancer cell proliferation and invasion via the WNT/β-catenin pathway. OncoTargets and Therapy, 2018, Volume 11, 6845-6851.	1.0	21
1025	Integrated analysis of long noncoding RNA interactions reveals the potential role in progression of human papillary thyroid cancer. Cancer Medicine, 2018, 7, 5394-5410.	1.3	22
1026	Long noncoding RNA AFAP1-AS1 acts as a competing endogenous RNA of miR-423-5p to facilitate nasopharyngeal carcinoma metastasis through regulating the Rho/Rac pathway. Journal of Experimental and Clinical Cancer Research, 2018, 37, 253.	3.5	148

#	Article	IF	CITATIONS
1027	The Role of Long Noncoding RNAs in Central Nervous System and Neurodegenerative Diseases. Frontiers in Behavioral Neuroscience, 2018, 12, 175.	1.0	67
1028	Long Noncoding RNA IncMUMA Reverses Established Skeletal Muscle Atrophy following Mechanical Unloading. Molecular Therapy, 2018, 26, 2669-2680.	3.7	43
1029	Long Non-coding RNA NEAT1: A Novel Target for Diagnosis and Therapy in Human Tumors. Frontiers in Genetics, 2018, 9, 471.	1.1	186
1030	Long non-coding RNA ChRO1 facilitates ATRX/DAXX-dependent H3.3 deposition for transcription-associated heterochromatin reorganization. Nucleic Acids Research, 2018, 46, 11759-11775.	6.5	37
1031	Discovering the †Dark matters†in expression data of miRNA based on the miRNA-mRNA and miRNA-lncRNA networks. BMC Bioinformatics, 2018, 19, 379.	1.2	3
1032	Regulation of PTEN expression by noncoding RNAs. Journal of Experimental and Clinical Cancer Research, 2018, 37, 223.	3.5	45
1033	Discovering IncRNA mediated sponge interactions in breast cancer molecular subtypes. BMC Genomics, 2018, 19, 650.	1.2	41
1034	Long noncoding RNA MIR31HG inhibits hepatocellular carcinoma proliferation and metastasis by sponging microRNA-575 to modulate ST7L expression. Journal of Experimental and Clinical Cancer Research, 2018, 37, 214.	3.5	94
1035	Mesenchymal glioblastoma constitutes a major ceRNA signature in the TGF- \hat{l}^2 pathway. Theranostics, 2018, 8, 4733-4749.	4.6	56
1037	Association Between the Deletion Allele of Ins/Del Polymorphism (Rs145204276) in the Promoter Region of GAS5 with the Risk of Atherosclerosis. Cellular Physiology and Biochemistry, 2018, 49, 1431-1443.	1.1	27
1038	Knockdown of long non-coding RNA ANRIL inhibits tumorigenesis in human gastric cancer cells via microRNA-99a-mediated down-regulation of BMI1. Brazilian Journal of Medical and Biological Research, 2018, 51, e6839.	0.7	27
1039	Biophysical Analysis of miRNA-Dependent Gene Regulation. RNA Technologies, 2018, , 257-273.	0.2	1
1040	Dynamic transcriptome profile in db/db skeletal muscle reveal critical roles for long noncoding RNA regulator. International Journal of Biochemistry and Cell Biology, 2018, 104, 14-24.	1.2	9
1041	Shedding Light on the Dark Cancer Genomes: Long Noncoding RNAs as Novel Biomarkers and Potential Therapeutic Targets for Cancer. Molecular Cancer Therapeutics, 2018, 17, 1816-1823.	1.9	30
1042	Deficiency in the nuclear long noncoding <scp>RNA</scp> <i>Charme</i> causes myogenic defects and heart remodeling in mice. EMBO Journal, 2018, 37, .	3.5	65
1043	Singleâ€cell <scp>mRNA</scp> profiling reveals the hierarchical response of mi <scp>RNA</scp> targets to mi <scp>RNA</scp> induction. Molecular Systems Biology, 2018, 14, e8266.	3.2	24
1044	Circular RNAs hsa_circ_0032462, hsa_circ_0028173, hsa_circ_0005909 are predicted to promote CADM1 expression by functioning as miRNAs sponge in human osteosarcoma. PLoS ONE, 2018, 13, e0202896.	1.1	33
1045	Long non-coding RNA SNHG5 promotes human hepatocellular carcinoma progression by regulating miR-26a-5p/GSK3 \hat{l}^2 signal pathway. Cell Death and Disease, 2018, 9, 888.	2.7	105

#	Article	IF	CITATIONS
1046	Sponges and Predators in the Small RNA World., 0,, 441-451.		4
1047	Integrative analysis of long non-coding RNA acting as ceRNAs involved in chilling injury in tomato fruit. Gene, 2018, 667, 25-33.	1.0	41
1048	Effects of microRNAs on skeletal muscle development. Gene, 2018, 668, 107-113.	1.0	50
1049	Geneâ€gene interaction network analysis of hepatocellular carcinoma using bioinformatic software. Oncology Letters, 2018, 15, 8371-8377.	0.8	5
1050	Crosstalk among lncRNAs, microRNAs and mRNAs in the muscle â€~degradome' of rainbow trout. Scientific Reports, 2018, 8, 8416.	1.6	39
1051	Long non-coding RNA HOXD-AS1 promotes tumor progression and predicts poor prognosis in colorectal cancer. International Journal of Oncology, 2018, 53, 21-32.	1.4	21
1052	Noncoding <scp>RNA</scp> s in disease. FEBS Letters, 2018, 592, 2884-2900.	1.3	215
1053	Downregulated IncRNA HOXA11-AS Affects Trophoblast Cell Proliferation and Migration by Regulating RND3 and HOXA7 Expression in PE. Molecular Therapy - Nucleic Acids, 2018, 12, 195-206.	2.3	33
1054	MiR-133b targets Sox9 to control pathogenesis and metastasis of breast cancer. Cell Death and Disease, 2018, 9, 752.	2.7	63
1055	Identification of a noncoding RNA‑mediated gene pair‑based regulatory module in Alzheimer's disease. Molecular Medicine Reports, 2018, 18, 2164-2170.	1.1	1
1056	The <i>PILNCR1</i> -miR399 Regulatory Module Is Important for Low Phosphate Tolerance in Maize. Plant Physiology, 2018, 177, 1743-1753.	2.3	119
1057	MEG3-4 is a miRNA decoy that regulates IL- $1\hat{l}^2$ abundance to initiate and then limit inflammation to prevent sepsis during lung infection. Science Signaling, 2018, 11, .	1.6	74
1058	LncRNA Gm5091 alleviates alcoholic hepatic fibrosis by sponging miRâ€27b/23b/24 in mice. Cell Biology International, 2018, 42, 1330-1339.	1.4	22
1059	TUG1 promotes prostate cancer progression by acting as a ceRNA of miR-26a. Bioscience Reports, 2018, 38, .	1.1	49
1060	Identification and Characterization of Long Noncoding RNAs in Ovine Skeletal Muscle. Animals, 2018, 8, 127.	1.0	5
1061	Association between H19 SNP rs217727 and lung cancer risk in a Chinese population: a case control study. BMC Medical Genetics, 2018, 19, 136.	2.1	27
1062	Periodontitis may modulate long-non coding RNA expression. Archives of Oral Biology, 2018, 95, 95-99.	0.8	23
1063	Molecular Network-Based Identification of Competing Endogenous RNAs in Thyroid Carcinoma. Genes, 2018, 9, 44.	1.0	23

#	Article	IF	Citations
1064	Phenotype-Specific Response of Circulating miRNAs Provides New Biomarkers of Slow or Fast Muscle Damage. Frontiers in Physiology, 2018, 9, 684.	1.3	13
1065	Long Non-Coding RNA Malat1 Regulates Angiogenesis in Hindlimb Ischemia. International Journal of Molecular Sciences, 2018, 19, 1723.	1.8	55
1066	Integrated Analysis of Long Non-Coding RNA and mRNA Expression Profile in Pancreatic Cancer Derived Exosomes Treated Dendritic Cells by Microarray Analysis. Journal of Cancer, 2018, 9, 21-31.	1.2	48
1067	Transcriptional Profile and Integrative Analyses of Long Noncoding RNAs in Primary Human Corneal Epithelial Cells in Response to HSV-1 Infection. Current Eye Research, 2018, 43, 1422-1431.	0.7	6
1068	Gestational Hypoxia and Developmental Plasticity. Physiological Reviews, 2018, 98, 1241-1334.	13.1	123
1069	Deep sequencing of the mouse lung transcriptome reveals distinct long non-coding RNAs expression associated with the high virulence of H5N1 avian influenza virus in mice. Virulence, 2018, 9, 1092-1111.	1.8	7
1070	Long noncoding RNA LINC00313 modulates papillary thyroid cancer tumorigenesis via sponging miR-4429. Neoplasma, 2018, 65, 933-942.	0.7	25
1071	Long Non-coding MIR205HG Depletes Hsa-miR-590-3p Leading to Unrestrained Proliferation in Head and Neck Squamous Cell Carcinoma. Theranostics, 2018, 8, 1850-1868.	4.6	65
1072	Role of IncRNAs in aging and ageâ€related diseases. Aging Medicine (Milton (N S W)), 2018, 1, 158-175.	0.9	57
1073	iLoc-IncRNA: predict the subcellular location of IncRNAs by incorporating octamer composition into general PseKNC. Bioinformatics, 2018, 34, 4196-4204.	1.8	227
1074	The Role of Long Non-coding RNAs in the Pathogenesis of RA, SLE, and SS. Frontiers in Medicine, 2018, 5, 193.	1.2	35
1075	Prognostic signatures for renal cancer as identified by long non-coding and miRNA competing endogenous network analysis Oncology Reports, 2018, 40, 959-967.	1.2	4
1076	The Long Noncoding RNA MEG3 and its Target miR-147 Regulate JAK/STAT Pathway in Advanced Chronic Myeloid Leukemia. EBioMedicine, 2018, 34, 61-75.	2.7	62
1077	Elevated TFAP4 regulates IncRNA TRERNA1 to promote cell migration and invasion in gastric cancer. Oncology Reports, 2018, 40, 923-931.	1.2	18
1078	Long Non-Coding RNAs: Novel Players in Regulation of Immune Response Upon Herpesvirus Infection. Frontiers in Immunology, 2018, 9, 761.	2.2	33
1079	The Ever-Evolving Concept of the Gene: The Use of RNA/Protein Experimental Techniques to Understand Genome Functions. Frontiers in Molecular Biosciences, 2018, 5, 20.	1.6	28
1080	Sponges and Predators in the Small RNA World. Microbiology Spectrum, 2018, 6, .	1.2	23
1081	Long noncoding RNA AFAP1-AS1 predicts a poor prognosis and regulates non–small cell lung cancer cell proliferation by epigenetically repressing p21 expression. Molecular Cancer, 2018, 17, 92.	7.9	109

#	Article	IF	CITATIONS
1083	STARD13-correlated ceRNA network-directed inhibition on YAP/TAZ activity suppresses stemness of breast cancer via co-regulating Hippo and Rho-GTPase/F-actin signaling. Journal of Hematology and Oncology, 2018, 11, 72.	6.9	106
1085	Dissection of Myogenic Differentiation Signatures in Chickens by RNA-Seq Analysis. Genes, 2018, 9, 34.	1.0	13
1086	A threeâ€'IncRNA signature for prognosis prediction of acute myeloid leukemia in patients. Molecular Medicine Reports, 2018, 18, 1473-1484.	1.1	16
1087	Besides Pathology: Long Non-Coding RNA in Cell and Tissue Homeostasis. Non-coding RNA, 2018, 4, 3.	1.3	99
1088	Effect of the LncRNA GAS5-MiR-23a-ATG3 Axis in Regulating Autophagy in Patients with Breast Cancer. Cellular Physiology and Biochemistry, 2018, 48, 194-207.	1.1	80
1089	Cancerin: A computational pipeline to infer cancer-associated ceRNA interaction networks. PLoS Computational Biology, 2018, 14, e1006318.	1.5	39
1090	Long Noncoding RNA XIST Promotes Osteosarcoma Progression by Targeting Ras-Related Protein RAP2B via miR-320b. Oncology Research, 2018, 26, 837-846.	0.6	55
1091	IMP1 regulates UCA1-mediated cell invasion through facilitating UCA1 decay and decreasing the sponge effect of UCA1 for miR-122-5p. Breast Cancer Research, 2018, 20, 32.	2.2	49
1092	A novel long non-coding RNA-PRLB acts as a tumor promoter through regulating miR-4766-5p/SIRT1 axis in breast cancer. Cell Death and Disease, 2018, 9, 563.	2.7	59
1093	Regulation of osteogenesis by long noncoding RNAs: An epigenetic mechanism contributing to bone formation. Connective Tissue Research, 2018, 59, 35-41.	1.1	21
1094	STAT3-induced lncRNA HAGLROS overexpression contributes to the malignant progression of gastric cancer cells via mTOR signal-mediated inhibition of autophagy. Molecular Cancer, 2018, 17, 6.	7.9	189
1095	LncRNA MT1JP functions as a ceRNA in regulating FBXW7 through competitively binding to miR-92a-3p in gastric cancer. Molecular Cancer, 2018, 17, 87.	7.9	218
1096	Long nonâ€coding RNA PlncRNAâ€1 promotes cell proliferation and hepatic metastasis in colorectal cancer. Journal of Cellular Biochemistry, 2018, 119, 7091-7104.	1.2	17
1097	Interactions between short and long noncoding RNAs. FEBS Letters, 2018, 592, 2874-2883.	1.3	88
1098	Epigenetics in Toxicology. , 2018, , 415-446.		1
1099	Long nonâ€'coding RNAs in small cell lung cancer: A potential opening to combat the disease (Review). Oncology Reports, 2018, 40, 1831-1842.	1.2	10
1100	Long non-coding RNA TUG1 sponges miR-197 to enhance cisplatin sensitivity in triple negative breast cancer. Biomedicine and Pharmacotherapy, 2018, 107, 338-346.	2.5	68
1101	Genome Wide Identification of Novel Long Non-coding RNAs and Their Potential Associations With Milk Proteins in Chinese Holstein Cows. Frontiers in Genetics, 2018, 9, 281.	1.1	30

#	Article	IF	CITATIONS
1102	Transcriptome sequencing to detect the potential role of long non-coding RNAs in bovine mammary gland during the dry and lactation period. BMC Genomics, 2018, 19, 605.	1.2	54
1103	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. Inflammation Research, 2018, 67, 913-925.	1.6	20
1104	Effect of silencing microRNA-508 by STTM on melanogenesis in alpaca (Vicugna pacos). Gene, 2018, 678, 343-348.	1.0	9
1105	Integrated analysis of lncRNA and mRNA expression in rainbow trout families showing variation in muscle growth and fillet quality traits. Scientific Reports, 2018, 8, 12111.	1.6	56
1106	Emerging function and potential diagnostic value of circular RNAs in cancer. Molecular Cancer, 2018, 17, 123.	7.9	129
1107	Long Non-coding RNA Profiling Reveals an Abundant MDNCR that Promotes Differentiation of Myoblasts by Sponging miR-133a. Molecular Therapy - Nucleic Acids, 2018, 12, 610-625.	2.3	38
1108	Loss of long non-coding RNA CRRL promotes cardiomyocyte regeneration and improves cardiac repair by functioning as a competing endogenous RNA. Journal of Molecular and Cellular Cardiology, 2018, 122, 152-164.	0.9	50
1109	Exploring Long Noncoding RNAs in Glioblastoma: Regulatory Mechanisms and Clinical Potentials. International Journal of Genomics, 2018, 2018, 1-13.	0.8	39
1110	Shaping Gene Expression by Landscaping Chromatin Architecture: Lessons from a Master. Molecular Cell, 2018, 71, 375-388.	4.5	45
1111	Long nonâ€coding <scp>RNA FOXD</scp> 2â€ <scp>AS</scp> 1 contributes to colorectalÂcancer proliferation through its interaction withÂmicro <scp>RNA</scp> â€185â€5p. Cancer Science, 2018, 109, 2235-2242.	1.7	70
1112	Long Noncoding RNAs. , 2018, , 409-427.		2
1113	Translational Control of the Myogenic Program in Developing, Regenerating, and Diseased Skeletal Muscle. Current Topics in Developmental Biology, 2018, 126, 67-98.	1.0	13
1114	Long non-coding RNA HOTTIP promotes prostate cancer cells proliferation and migration by sponging <i>miR-216a-5p</i> . Bioscience Reports, 2018, 38, .	1.1	41
1115	Mitochondrial regulation in skeletal muscle: A role for nonâ€coding RNAs?. Experimental Physiology, 2018, 103, 1132-1144.	0.9	10
1116	The lncRNA ZEB1-AS1 sponges miR-181a-5p to promote colorectal cancer cell proliferation by regulating Wnt/ \hat{l}^2 -catenin signaling. Cell Cycle, 2018, 17, 1245-1254.	1.3	60
1117	IncRNA TNXA-PS1 Modulates Schwann Cells by Functioning As a Competing Endogenous RNA Following Nerve Injury. Journal of Neuroscience, 2018, 38, 6574-6585.	1.7	40
1118	LncRNA XIST accelerates cervical cancer progression via upregulating Fus through competitively binding with miR-200a. Biomedicine and Pharmacotherapy, 2018, 105, 789-797.	2.5	120
1119	Linc-smad7 promotes myoblast differentiation and muscle regeneration via sponging miR-125b. Epigenetics, 2018, 13, 591-604.	1.3	41

#	Article	IF	CITATIONS
1120	The Physical and Biochemical Properties of the Extracellular Matrix Regulate Cell Fate. Current Topics in Developmental Biology, 2018, 130, 1-37.	1.0	179
1121	LncRNA SNHG7 sponges miR-216b to promote proliferation and liver metastasis of colorectal cancer through upregulating GALNT1. Cell Death and Disease, 2018, 9, 722.	2.7	183
1122	Long noncoding RNA GAS5 regulates the proliferation, migration, and invasion of glioma cells by negatively regulating miRâ€18aâ€5p. Journal of Cellular Physiology, 2019, 234, 757-768.	2.0	66
1123	c-Myc inhibits myoblast differentiation and promotes myoblast proliferation and muscle fibre hypertrophy by regulating the expression of its target genes, miRNAs and lincRNAs. Cell Death and Differentiation, 2019, 26, 426-442.	5.0	65
1124	Versatile interactions and bioinformatics analysis of noncoding RNAs. Briefings in Bioinformatics, 2019, 20, 1781-1794.	3.2	24
1125	Trends in the development of miRNA bioinformatics tools. Briefings in Bioinformatics, 2019, 20, 1836-1852.	3.2	361
1126	Knockdown of IncRNA H19 inhibits abnormal differentiation of small intestinal epithelial cells in diabetic mice. Journal of Cellular Physiology, 2019, 234, 837-848.	2.0	9
1127	Regulation of microRNA function inÂanimals. Nature Reviews Molecular Cell Biology, 2019, 20, 21-37.	16.1	1,556
1128	Long noncoding RNA DANCR regulates proliferation and migration by epigenetically silencing FBP1 in tumorigenesis of cholangiocarcinoma. Cell Death and Disease, 2019, 10, 585.	2.7	42
1129	Integrated analysis of IncRNA-miRNA-mRNA ceRNA network in squamous cell carcinoma of tongue. BMC Cancer, 2019, 19, 779.	1.1	234
1130	LINCO1133 promotes the progression of cervical cancer by sponging miR-4784 to up-regulate AHDC1. Cancer Biology and Therapy, 2019, 20, 1453-1461.	1.5	19
1131	A Long Noncoding RNA (IncRNA)-Associated Competing Endogenous RNA (ceRNA) Network Identifies Eight IncRNA Biomarkers in Patients with Osteoarthritis of the Knee. Medical Science Monitor, 2019, 25, 2058-2065.	0.5	39
1132	Genome-Wide Identification of Long Non-Coding RNAs and Their Regulatory Networks Involved in Apis mellifera ligustica Response to Nosema ceranae Infection. Insects, 2019, 10, 245.	1.0	35
1133	Comprehensive Analysis of LncRNA Reveals the Temporal-Specific Module of Goat Skeletal Muscle Development. International Journal of Molecular Sciences, 2019, 20, 3950.	1.8	25
1134	Circular RNA hsa_circRNA_0007334 is Predicted to Promote MMP7 and COL1A1 Expression by Functioning as a miRNA Sponge in Pancreatic Ductal Adenocarcinoma. Journal of Oncology, 2019, 2019, 1-16.	0.6	58
1135	Comparison of LncRNA Expression Profiles during Myogenic Differentiation and Adipogenic Transdifferentiation of Myoblasts. International Journal of Molecular Sciences, 2019, 20, 3725.	1.8	6
1136	Past, present, and future of circ <scp>RNA</scp> s. EMBO Journal, 2019, 38, e100836.	3.5	752
1137	Discovering and Constructing ceRNA-miRNA-Target Gene Regulatory Networks during Anther Development in Maize. International Journal of Molecular Sciences, 2019, 20, 3480.	1.8	43

#	ARTICLE	IF	CITATIONS
1138	Long non‑coding RNA MALAT1 sponges miR‑124‑3p.1/KLF5 to promote pulmonary vascular remodeling and cell cycle progression of pulmonary artery hypertension. International Journal of Molecular Medicine, 2019, 44, 871-884.	1.8	39
1139	Lnc-AL445665.1–4 may be involved in the development of multiple uterine leiomyoma through interacting with miR-146b-5p. BMC Cancer, 2019, 19, 709.	1.1	17
1140	Single-Cell Transcriptomics and Proteomics of Skeletal Muscle: Technology and Applications. , 2019, , 253-281.		0
1141	The IncRNA DAPK-IT1 regulates cholesterol metabolism and inflammatory response in macrophages and promotes atherogenesis. Biochemical and Biophysical Research Communications, 2019, 516, 1234-1241.	1.0	22
1142	MyoD-induced circular RNA CDR1as promotes myogenic differentiation of skeletal muscle satellite cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 807-821.	0.9	70
1143	Rs2262251 in lncRNA <i>RP11â€462G12.2</i> is associated with nonsyndromic cleft lip with/without cleft palate. Human Mutation, 2019, 40, 2057-2067.	1.1	11
1144	Regulatory mechanisms and clinical perspectives of circRNA in digestive system neoplasms. Journal of Cancer, 2019, 10, 2885-2891.	1.2	28
1145	LncRNA MEG3 inhibits cell proliferation and induces apoptosis in laryngeal cancer via miRâ€23a/APAFâ€1 axis. Journal of Cellular and Molecular Medicine, 2019, 23, 6708-6719.	1.6	60
1146	LncRNA SNHG6 functions as a ceRNA to regulate neuronal cell apoptosis by modulating miRâ€181câ€5p/BIM signalling in ischaemic stroke. Journal of Cellular and Molecular Medicine, 2019, 23, 6120-6130.	1.6	41
1147	Long non-coding RNA PTTG3P functions as an oncogene by sponging miR-383 and up-regulating CCND1 and PARP2 in hepatocellular carcinoma. BMC Cancer, 2019, 19, 731.	1.1	31
1148	LncRNA TTN-AS1 promotes migration, invasion, and epithelial mesenchymal transition of lung adenocarcinoma via sponging miR-142-5p to regulate CDK5. Cell Death and Disease, 2019, 10, 573.	2.7	94
1149	Long noncoding RNA Neat1 modulates myogenesis by recruiting Ezh2. Cell Death and Disease, 2019, 10, 505.	2.7	76
1150	Long noncoding RNA EMS connects c-Myc to cell cycle control and tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14620-14629.	3.3	57
1151	SNAI2 3'untranslated region promotes the invasion of ovarian cancer cells by inducing MARCKS expression. Journal of Cancer, 2019, 10, 2480-2487.	1.2	3
1152	Long non-coding RNAs as new regulators of cardiac electrophysiology and arrhythmias: Molecular mechanisms, therapeutic implications and challenges. , 2019, 203, 107389.		38
1153	Long nonâ€coding RNA LINC01535 promotes cervical cancer progression via targeting the miRâ€214/EZH2 feedback loop. Journal of Cellular and Molecular Medicine, 2019, 23, 6098-6111.	1.6	37
1154	Gene and lncRNA co-expression network analysis reveals novel ceRNA network for triple-negative breast cancer. Scientific Reports, 2019, 9, 15122.	1.6	29
1155	Long noncoding RNAs sustain high expression levels of exogenous octamer-binding protein 4 by sponging regulatory microRNAs during cellular reprogramming. Journal of Biological Chemistry, 2019, 294, 17863-17874.	1.6	10

#	Article	IF	CITATIONS
1156	Genes and response to aerobic training. , 2019, , 169-188.		2
1157	Downâ€regulation of GAS5 ameliorates myocardial ischaemia/reperfusion injury via the miRâ€335/ROCK1/AKT/GSKâ€3β axis. Journal of Cellular and Molecular Medicine, 2019, 23, 8420-8431.	1.6	52
1158	<p>The prognostic value and mechanisms of lncRNA UCA1 in human cancer</p> . Cancer Management and Research, 2019, Volume 11, 7685-7696.	0.9	55
1159	<p>Long noncoding RNA THAP9-AS1 is induced by Helicobacter pylori and promotes cell growth and migration of gastric cancer</p> . OncoTargets and Therapy, 2019, Volume 12, 6653-6663.	1.0	35
1160	IncRNA ADAMTS9-AS2 Controls Human Mesenchymal Stem Cell Chondrogenic Differentiation and Functions as a ceRNA. Molecular Therapy - Nucleic Acids, 2019, 18, 533-545.	2.3	38
1161	Osteoclastic microRNAs and their translational potential in skeletal diseases. Seminars in Immunopathology, 2019, 41, 573-582.	2.8	16
1162	Musculoskeletal Symptomatic Areas After Total Knee Replacement for Osteoarthritis. ACR Open Rheumatology, 2019, 1, 373-381.	0.9	2
1163	IncRNA SNHG7 sponges miRâ€425 to promote proliferation, migration, and invasion of hepatic carcinoma cells via Wnt/βâ€catenin/EMT signalling pathway. Cell Biochemistry and Function, 2019, 37, 525-533.	1.4	28
1164	The Role and Function of microRNA in the Pathogenesis of Multiple Myeloma. Cancers, 2019, 11, 1738.	1.7	61
1165	Long non-coding RNA H19 modulates proliferation and apoptosis in osteoarthritis via regulating miR-106a-5p. Journal of Biosciences, 2019, 44, 1.	0.5	18
1166	Circular RNA profiling identified an abundant circular RNA circTMTC1 that inhibits chicken skeletal muscle satellite cell differentiation by sponging miR-128-3p. International Journal of Biological Sciences, 2019, 15, 2265-2281.	2.6	59
1167	Importance of Long Non-coding RNAs in the Development and Disease of Skeletal Muscle and Cardiovascular Lineages. Frontiers in Cell and Developmental Biology, 2019, 7, 228.	1.8	42
1168	Optimizing the Supercapacitive Performance and Cyclability of Ni(OH) 2 by Combining with CuO Concomitant with Mutual Doping. ChemElectroChem, 2019, 6, 4831-4841.	1.7	6
1169	Long nonâ€coding RNA MEG3 knockdown attenuates endoplasmic reticulum stressâ€mediated apoptosis by targeting p53 following myocardial infarction. Journal of Cellular and Molecular Medicine, 2019, 23, 8369-8380.	1.6	28
1170	MicroRNAs as Potential Biomarkers of Insecticide Exposure: A Review. Chemical Research in Toxicology, 2019, 32, 2169-2181.	1.7	19
1171	Overexpression of lncRNA PIK3CD-AS1 promotes expression of LATS1 by competitive binding with microRNA-566 to inhibit the growth, invasion and metastasis of hepatocellular carcinoma cells. Cancer Cell International, 2019, 19, 150.	1.8	19
1172	The Long-Noncoding RNA Inc-NONH Enhances the Early Transcription of Prototype Foamy Virus Via Upregulating Expression of miR-34c-5p and Tas Protein. Intervirology, 2019, 62, 156-163.	1.2	5
1173	Decrypting noncoding RNA interactions, structures, and functional networks. Genome Research, 2019, 29, 1377-1388.	2.4	93

#	Article	IF	Citations
1174	MicroRNA-17 acts as a tumor chemosensitizer by targeting JAB1/CSN5 in triple-negative breast cancer. Cancer Letters, 2019, 465, 12-23.	3.2	21
1175	Non-Coding RNA Regulates the Myogenesis of Skeletal Muscle Satellite Cells, Injury Repair and Diseases. Cells, 2019, 8, 988.	1.8	60
1176	The Identification and Analysis of mRNA–IncRNA–miRNA Cliques From the Integrative Network of Ovarian Cancer. Frontiers in Genetics, 2019, 10, 751.	1.1	26
1177	Long noncoding RNA DRAIC acts as a microRNA-122 sponge to facilitate nasopharyngeal carcinoma cell proliferation, migration and invasion via regulating SATB1. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 3585-3597.	1.9	19
1178	Long noncoding RNA BFAL1 mediates enterotoxigenic Bacteroides fragilis-related carcinogenesis in colorectal cancer via the RHEB/mTOR pathway. Cell Death and Disease, 2019, 10, 675.	2.7	59
1179	Crosstalk of mRNA, miRNA, IncRNA, and circRNA and Their Regulatory Pattern in Pulmonary Fibrosis. Molecular Therapy - Nucleic Acids, 2019, 18, 204-218.	2.3	73
1180	Progress and prospects of noncoding RNAs in insects. Journal of Integrative Agriculture, 2019, 18, 729-747.	1.7	21
1181	Long noncoding RNA PANDA promotes esophageal squamous carcinoma cell progress by dissociating from NF-YA but interact with SAFA. Pathology Research and Practice, 2019, 215, 152604.	1.0	13
1182	A ceRNA Circuitry Involving the Long Noncoding RNA Klhl14-AS, Pax8, and Bcl2 Drives Thyroid Carcinogenesis. Cancer Research, 2019, 79, 5746-5757.	0.4	23
1183	IncRNA OSTN-AS1 May Represent a Novel Immune-Related Prognostic Marker for Triple-Negative Breast Cancer Based on Integrated Analysis of a ceRNA Network. Frontiers in Genetics, 2019, 10, 850.	1.1	42
1184	Expression and role of lncRNAs in the regeneration of skeletal muscle following contusion injury. Experimental and Therapeutic Medicine, 2019, 18, 2617-2627.	0.8	15
1185	Functions and Regulatory Mechanisms of IncRNAs in Skeletal Myogenesis, Muscle Disease and Meat Production. Cells, 2019, 8, 1107.	1.8	71
1186	A Brief Overview of IncRNAs in Endothelial Dysfunction-Associated Diseases: From Discovery to Characterization. Epigenomes, 2019, 3, 20.	0.8	1
1187	Insights into the Functions of LncRNAs in Drosophila. International Journal of Molecular Sciences, 2019, 20, 4646.	1.8	48
1188	Long non-coding RNA linc00645 promotes TGF-β-induced epithelial–mesenchymal transition by regulating miR-205-3p-ZEB1 axis in glioma. Cell Death and Disease, 2019, 10, 717.	2.7	58
1189	Long noncoding RNA MIR31HG is activated by SP1 and promotes cell migration and invasion by sponging miR-214 in NSCLC. Gene, 2019, 692, 223-230.	1.0	48
1190	Long non-coding RNA AK038897 aggravates cerebral ischemia/reperfusion injury via acting as a ceRNA for miR-26a-5p to target DAPK1. Experimental Neurology, 2019, 314, 100-110.	2.0	79
1191	<i>LnclRS1</i> controls muscle atrophy via sponging miR‶5 family to activate IGF1â€PI3K/AKT pathway. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 391-410.	2.9	137

#	Article	IF	CITATIONS
1192	LncRNA Rikenâ€201 and Rikenâ€203 modulates neural development by regulating the Sox6 through sequestering miRNAs. Cell Proliferation, 2019, 52, e12573.	2.4	38
1193	Measurement of Urinary Level of a Specific Competing endogenous RNA network (FOS and RCAN mRNA/) Tj ETQq Seminars and Original Investigations, 2019, 37, 292.e19-292.e27.	1 1 0.784 o.8	314 rgBT /(28
1195	Differentially expressed lncRNA-m433s1 regulates FSH secretion by functioning as a miRNA sponge in male rat anterior pituitary cellsâ€. Biology of Reproduction, 2019, 101, 416-425.	1.2	13
1196	Long nonâ€coding RNA deleted in lymphocytic leukaemia 1 promotes hepatocellular carcinoma progression by sponging miRâ€133a to regulate IGFâ€1R expression. Journal of Cellular and Molecular Medicine, 2019, 23, 5154-5164.	1.6	19
1197	The landscape of DNA methylation associated with the transcriptomic network in layers and broilers generates insight into embryonic muscle development in chicken. International Journal of Biological Sciences, 2019, 15, 1404-1418.	2.6	21
1198	Endothelial function and dysfunction in the cardiovascular system: the long non-coding road. Cardiovascular Research, 2019, 115, 1692-1704.	1.8	43
1199	<p>Long intergenic noncoding RNA 00707 promotes colorectal cancer cell proliferation and metastasis by sponging miR-206</p> . OncoTargets and Therapy, 2019, Volume 12, 4331-4340.	1.0	20
1200	IncRNA UCA1 Mediates Resistance to Cisplatin by Regulating the miR-143/FOSL2-Signaling Pathway in Ovarian Cancer. Molecular Therapy - Nucleic Acids, 2019, 17, 92-101.	2.3	113
1201	2-hydroxyglutarate inhibits MyoD-mediated differentiation by preventing H3K9 demethylation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12851-12856.	3.3	28
1202	Identification of a lncRNA‑associated competing endogenous RNA‑regulated network in clear cell renal cell carcinoma. Molecular Medicine Reports, 2019, 20, 485-494.	1.1	10
1203	LncRNA Gm2044 promotes 17βâ€estradiol synthesis in mpGCs by acting as miRâ€138â€5p sponge. Molecular Reproduction and Development, 2019, 86, 1023-1032.	1.0	15
1204	Introduction to Bioinformatics. Methods in Molecular Biology, 2019, 1986, 1-15.	0.4	12
1205	Long non-coding RNAs in Oral squamous cell carcinoma: biologic function, mechanisms and clinical implications. Molecular Cancer, 2019, 18, 102.	7.9	128
1206	Modelling and measuring intracellular competition for finite resources during gene expression. Journal of the Royal Society Interface, 2019, 16, 20180887.	1.5	28
1207	Long Noncoding RNA MALAT1 Acts as a Competing Endogenous RNA to Regulate TGF-Î ² 2 Induced Epithelial-Mesenchymal Transition of Lens Epithelial Cells by a MicroRNA-26a-Dependent Mechanism. BioMed Research International, 2019, 2019, 1-11.	0.9	18
1208	LncRNA XIST promotes pancreatic cancer migration, invasion and EMT by sponging miR-429 to modulate ZEB1 expression. International Journal of Biochemistry and Cell Biology, 2019, 113, 17-26.	1.2	66
1209	Noncoding RNAs as Regulators of Gene Expression in Pluripotency and Differentiation., 2019,, 73-105.		0
1210	A novel lncRNA n384546 promotes thyroid papillary cancer progression and metastasis by acting as a competing endogenous RNA of miR-145-5p to regulate AKT3. Cell Death and Disease, 2019, 10, 433.	2.7	53

#	Article	IF	CITATIONS
1211	Comprehensive Analysis of IncRNA–miRNA– mRNA Network Ascertains Prognostic Factors in Patients with Colon Cancer. Technology in Cancer Research and Treatment, 2019, 18, 153303381985323.	0.8	21
1212	Circle RNA hsa_circRNA_100290 serves as a ceRNA for miRâ€378a to regulate oral squamous cell carcinoma cells growth via Glucose transporterâ€1 (GLUT1) and glycolysis. Journal of Cellular Physiology, 2019, 234, 19130-19140.	2.0	93
1213	lncRNA Gm10451 regulates PTIP to facilitate iPSCs-derived \hat{l}^2 -like cell differentiation by targeting miR-338-3p as a ceRNA. Biomaterials, 2019, 216, 119266.	5.7	29
1214	LINC00305 represses miR-124 expression to trigger inflammatory insults in the presence of lipopolysaccharide. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 2352-2360.	1.9	8
1215	A Novel Inc-RNA, Named Inc-ORA, Is Identified by RNA-Seq Analysis, and Its Knockdown Inhibits Adipogenesis by Regulating the PI3K/AKT/mTOR Signaling Pathway. Cells, 2019, 8, 477.	1.8	44
1216	Long nonâ€'coding RNA NORAD promotes cell proliferation and glycolysis in nonâ€'small cell lung cancer by acting as a sponge for miRâ€'136â€'5p. Molecular Medicine Reports, 2019, 19, 5397-5405.	1.1	31
1217	MALAT1 regulates miR-34a expression in melanoma cells. Cell Death and Disease, 2019, 10, 389.	2.7	42
1218	Non-Coding RNA Networks in ALK-Positive Anaplastic-Large Cell Lymphoma. International Journal of Molecular Sciences, 2019, 20, 2150.	1.8	11
1219	Long non-coding RNAs and cell death following ischemic stroke. Metabolic Brain Disease, 2019, 34, 1243-1251.	1.4	39
1220	Long non-coding RNA CHRF modulates the progression of cerebral ischemia/reperfusion injury via miR-126/SOX6 signaling pathway. Biochemical and Biophysical Research Communications, 2019, 514, 550-557.	1.0	28
1221	Modulation of cancer cell signaling by long noncoding RNAs. Journal of Cellular Biochemistry, 2019, 120, 12224-12246.	1.2	20
1222	miRspongeR: an R/Bioconductor package for the identification and analysis of miRNA sponge interaction networks and modules. BMC Bioinformatics, 2019, 20, 235.	1.2	40
1223	<p>Long non-coding RNA homeobox A11 antisense RNA (HOXA11-AS) promotes retinoblastoma progression via sponging miR-506-3p</p> . OncoTargets and Therapy, 2019, Volume 12, 3509-3517.	1.0	22
1224	Microarray profiling and co-expression network analysis of IncRNAs and mRNAs in ovarian cancer. Cell Death Discovery, 2019, 5, 93.	2.0	19
1225	Long noncoding RNAs: Novel regulators of virusâ€host interactions. Reviews in Medical Virology, 2019, 29, e2046.	3.9	38
1226	Long intergenic non-coding RNAs regulate human lung fibroblast function: Implications for idiopathic pulmonary fibrosis. Scientific Reports, 2019, 9, 6020.	1.6	25
1227	A Roadmap for the Computational Prediction and Experimental Validation of Competitive Endogenous RNAs. Methods in Molecular Biology, 2019, 1970, 237-250.	0.4	0
1228	Potential role of IncRNA-TSIX, miR-548-a-3p, and SOGA1 mRNA in the diagnosis of hepatocellular carcinoma. Molecular Biology Reports, 2019, 46, 4581-4590.	1.0	23

#	Article	IF	CITATIONS
1229	Construction and analysis of a dysregulated lncRNA-associated ceRNA network in a rat model of temporal lobe epilepsy. Seizure: the Journal of the British Epilepsy Association, 2019, 69, 105-114.	0.9	15
1230	Circular RNA SNX29 Sponges miR-744 to Regulate Proliferation and Differentiation of Myoblasts by Activating the Wnt5a/Ca2+ Signaling Pathway. Molecular Therapy - Nucleic Acids, 2019, 16, 481-493.	2.3	74
1231	Downregulation of IncRNA CCAT1 enhances 5-fluorouracil sensitivity in human colon cancer cells. BMC Molecular and Cell Biology, 2019, 20, 9.	1.0	24
1232	The emerging importance of noncoding RNAs in the insecticide tolerance, with special emphasis on <i>Plutella xylostella </i> (Lepidoptera: Plutellidae). Wiley Interdisciplinary Reviews RNA, 2019, 10, e1539.	3.2	8
1233	Lncâ€GIHCG promotes cell proliferation and migration in gastric cancer through miR―1281 adsorption. Molecular Genetics & Denomic Medicine, 2019, 7, e711.	0.6	27
1234	LncRNA Rik-203 contributes to anesthesia neurotoxicity via microRNA-101a-3p and GSK-3 \hat{l}^2 -mediated neural differentiation. Scientific Reports, 2019, 9, 6822.	1.6	29
1235	Long noncoding RNA PTPRGâ€AS1 acts as a microRNAâ€194â€3p sponge to regulate radiosensitivity and metastasis of nasopharyngeal carcinoma cells via PRC1. Journal of Cellular Physiology, 2019, 234, 19088-19102.	2.0	45
1236	Nrf2â€IncRNA controls cell fate by modulating p53â€dependent Nrf2 activation as an miRNA sponge for Plk2 and p21 ^{cip1} . FASEB Journal, 2019, 33, 7953-7969.	0.2	25
1237	Silence of long noncoding RNA NEAT1 exerts suppressive effects on immunity during sepsis by promoting microRNAâ€125â€dependent MCEMP1 downregulation. IUBMB Life, 2019, 71, 956-968.	1.5	46
1238	LncRNAâ€MEG3 promotes bovine myoblast differentiation by sponging miRâ€135. Journal of Cellular Physiology, 2019, 234, 18361-18370.	2.0	31
1239	LINC00665 Induces Acquired Resistance to Gefitinib through Recruiting EZH2 and Activating PI3K/AKT Pathway in NSCLC. Molecular Therapy - Nucleic Acids, 2019, 16, 155-161.	2.3	94
1240	Long Noncoding RNA MPRL Promotes Mitochondrial Fission and Cisplatin Chemosensitivity via Disruption of Pre-miRNA Processing. Clinical Cancer Research, 2019, 25, 3673-3688.	3.2	54
1241	The role of long non-coding RNAs in the pathogenesis of hereditary diseases. BMC Medical Genomics, 2019, 12, 42.	0.7	47
1242	Global Positioning System: Understanding Long Noncoding RNAs through Subcellular Localization. Molecular Cell, 2019, 73, 869-883.	4.5	214
1243	<scp>mRNA</scp> 5′ ends targeted by cytoplasmic recapping cluster at <scp>CAGE</scp> tags and select transcripts are alternatively spliced. FEBS Letters, 2019, 593, 670-679.	1.3	25
1244	MicroRNA-215: From biology to theranostic applications. Molecular Aspects of Medicine, 2019, 70, 72-89.	2.7	23
1245	LncRNA DANCR contributes to tumor progression via targetting miR-216a-5p in breast cancer: lncRNA DANCR contributes to tumor progression. Bioscience Reports, 2019, 39, .	1.1	42
1246	Identification of Long Non-coding and Messenger RNAs Differentially Expressed Between Primary and Metastatic Melanoma. Frontiers in Genetics, 2019, 10, 292.	1.1	20

#	Article	IF	CITATIONS
1247	Increased Extracellular Matrix Protein Production in Chronic Diabetic Complications: Implications of Non-Coding RNAs. Non-coding RNA, 2019, 5, 30.	1.3	21
1248	Genome-wide analysis of long non-coding RNAs unveils the regulatory roles in the heat tolerance of Chinese cabbage (Brassica rapa ssp.chinensis). Scientific Reports, 2019, 9, 5002.	1.6	95
1249	Identification of prognostic biomarkers in colorectal cancer using a long non‑coding RNA‑mediated competitive endogenous RNA network. Oncology Letters, 2019, 17, 2687-2694.	0.8	33
1250	The PVT1/miR-216b/Beclin-1 regulates cisplatin sensitivity of NSCLC cells via modulating autophagy and apoptosis. Cancer Chemotherapy and Pharmacology, 2019, 83, 921-931.	1.1	66
1251	Comparison of long noncoding RNA between muscles and adipose tissues in <i>Hanwoo</i> beef cattle. Animal Cells and Systems, 2019, 23, 50-58.	0.8	11
1252	Downregulation of Long Non-coding RNA FALEC Inhibits Gastric Cancer Cell Migration and Invasion Through Impairing ECM1 Expression by Exerting Its Enhancer-Like Function. Frontiers in Genetics, 2019, 10, 255.	1.1	19
1253	MicroRNAs and Long Non-Coding RNAs and Their Hormone-Like Activities in Cancer. Cancers, 2019, 11, 378.	1.7	37
1254	MicroRNA Target Identification. Methods in Molecular Biology, 2019, , .	0.4	2
1255	LncRNA: Shedding light on mechanisms and opportunities in fibrosis and aging. Ageing Research Reviews, 2019, 52, 17-31.	5.0	139
1256	H22954, a novel long non-coding RNA down-regulated in AML, inhibits cancer growth in a BCL-2-dependent mechanism. Cancer Letters, 2019, 454, 26-36.	3.2	21
1257	Characteristics of the competition among RNAs for the binding of shared miRNAs. European Journal of Cell Biology, 2019, 98, 94-102.	1.6	7
1258	The Role of Non-Coding RNA in Congenital Heart Diseases. Journal of Cardiovascular Development and Disease, 2019, 6, 15.	0.8	24
1259	Integrative analysis of long noncoding RNA and mRNA reveals candidate lncRNAs responsible for meat quality at different physiological stages in Gushi chicken. PLoS ONE, 2019, 14, e0215006.	1.1	18
1260	MIR205HG Is a Long Noncoding RNA that Regulates Growth Hormone and Prolactin Production in the Anterior Pituitary. Developmental Cell, 2019, 49, 618-631.e5.	3.1	30
1261	The effect of a LysR-type transcriptional regulator gene of Pseudomonas plecoglossicida on the immune responses of Epinephelus coioides. Fish and Shellfish Immunology, 2019, 89, 420-427.	1.6	26
1262	Long nonâ€coding <scp>RNA</scp> s in ocular diseases: new and potential therapeutic targets. FEBS Journal, 2019, 286, 2261-2272.	2.2	44
1263	MicroRNA-133b regulates the growth and migration of vascular smooth muscle cells by targeting matrix metallopeptidase 9. Pathology Research and Practice, 2019, 215, 1083-1088.	1.0	8
1264	Wnt/βâ€catenin signaling induces the myomiRs miRâ€133b and miRâ€206 to suppress Pax7 and induce the myogenic differentiation program. Journal of Cellular Biochemistry, 2019, 120, 12740-12751.	1.2	22

#	Article	IF	CITATIONS
1265	Long nonâ€coding RNA miR143HG predicts good prognosis and inhibits tumor multiplication and metastasis by suppressing mitogenâ€activated protein kinase and Wnt signaling pathways in hepatocellular carcinoma. Hepatology Research, 2019, 49, 902-918.	1.8	25
1266	Interleukinâ€8 enhances myocilin expression, Aktâ€FoxO3 signaling and myogenic differentiation in rat skeletal muscle cells. Journal of Cellular Physiology, 2019, 234, 19675-19690.	2.0	15
1267	Circular RNA (hsa_circ_0051240) promotes cell proliferation, migration and invasion in ovarian cancer through miR-637/KLK4 axis. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 1224-1233.	1.9	65
1268	Silencing an insulin-induced IncRNA, LncASIR, impairs the transcriptional response to insulin signalling in adipocytes. Scientific Reports, 2019, 9, 5608.	1.6	23
1269	Long Noncoding RNA Expression Signatures of Colon Cancer Based on the ceRNA Network and Their Prognostic Value. Disease Markers, 2019, 2019, 1-13.	0.6	29
1270	Long nonâ€coding RNA MALAT1 regulates angiogenesis following oxygenâ€glucose deprivation/reoxygenation. Journal of Cellular and Molecular Medicine, 2019, 23, 2970-2983.	1.6	37
1271	LncRNA SUMO1P3 promotes proliferation and inhibits apoptosis in colorectal cancer by epigenetically silencing CPEB3. Biochemical and Biophysical Research Communications, 2019, 511, 239-245.	1.0	15
1272	Long Non-Coding RNAs in the Regulation of Gene Expression: Physiology and Disease. Non-coding RNA, 2019, 5, 17.	1.3	441
1273	A novel, liver-specific long noncoding RNA LINC01093 suppresses HCC progression by interaction with IGF2BP1 to facilitate decay of GLI1 mRNA. Cancer Letters, 2019, 450, 98-109.	3.2	94
1274	Linc00299/miR-490-3p/AURKA axis regulates cell growth and migration in atherosclerosis. Heart and Vessels, 2019, 34, 1370-1380.	0.5	30
1277	LncRNA IMFNCR Promotes Intramuscular Adipocyte Differentiation by Sponging miR-128-3p and miR-27b-3p. Frontiers in Genetics, 2019, 10, 42.	1.1	50
1278	The Opening of Pandora's Box: An Emerging Role of Long Noncoding RNA in Viral Infections. Frontiers in Immunology, 2018, 9, 3138.	2.2	42
1279	The role of <scp>LINC</scp> 00094/miRâ€224â€5p (miRâ€497â€5p)/Endophilinâ€1 axis in Memantine mediated protective effects on bloodâ€brain barrier in <scp>AD</scp> microenvironment. Journal of Cellular and Molecular Medicine, 2019, 23, 3280-3292.	1.6	36
1280	Characterization of lncRNA–miRNA–mRNA Network to Reveal Potential Functional ceRNAs in Bovine Skeletal Muscle. Frontiers in Genetics, 2019, 10, 91.	1.1	39
1281	ZEB1-AS1 initiates a miRNA-mediated ceRNA network to facilitate gastric cancer progression. Cancer Cell International, 2019, 19, 27.	1.8	25
1282	MicroRNAs in diagnosis and therapeutics. , 2019, , 137-177.		13
1283	Circular RNA cTFRC acts as the sponge of MicroRNA-107 to promote bladder carcinoma progression. Molecular Cancer, 2019, 18, 27.	7.9	137
1284	Differentially expressed coding and noncoding RNAs in CoCl ₂ -induced cytotoxicity of C2C12 cells. Epigenomics, 2019, 11, 423-438.	1.0	7

#	Article	IF	Citations
1285	LncRNA MIAT sponges miR-149-5p to inhibit efferocytosis in advanced atherosclerosis through CD47 upregulation. Cell Death and Disease, 2019, 10, 138.	2.7	145
1286	Regulation by competition: a hidden layer of gene regulatory network. Quantitative Biology, 2019, 7, 110-121.	0.3	27
1287	Mimicry, deception and competition: The life of competing endogenous RNAs. Wiley Interdisciplinary Reviews RNA, 2019, 10, e1525.	3.2	30
1288	Multimodal Long Noncoding RNA Interaction Networks: Control Panels for Cell Fate Specification. Genetics, 2019, 213, 1093-1110.	1.2	24
1289	Identification of Dysregulated Competitive Endogenous RNA Networks Driven by Copy Number Variations in Malignant Gliomas. Frontiers in Genetics, 2019, 10, 1055.	1.1	17
1290	DIANA-LncBase v3: indexing experimentally supported miRNA targets on non-coding transcripts. Nucleic Acids Research, 2020, 48, D101-D110.	6.5	137
1291	Poor expression of long-chain noncoding RNA GAPLINC inhibits epithelial–mesenchymal transition, and invasion and migration of hepatocellular carcinoma cells. Anti-Cancer Drugs, 2019, 30, 784-794.	0.7	4
1292	The Butterfly Effect of RNA Alterations on Transcriptomic Equilibrium. Cells, 2019, 8, 1634.	1.8	10
1293	Long Noncoding Ribonucleic Acid MSTRG.59589 Promotes Porcine Skeletal Muscle Satellite Cells Differentiation by Enhancing the Function of PALLD. Frontiers in Genetics, 2019, 10, 1220.	1.1	7
1294	LncRNA BANCR Promotes Pancreatic Cancer Tumorigenesis via Modulating MiR-195-5p/Wnt/β-Catenin Signaling Pathway. Technology in Cancer Research and Treatment, 2019, 18, 153303381988796.	0.8	35
1295	LINCO1128 expedites cervical cancer progression by regulating miR-383-5p/SFN axis. BMC Cancer, 2019, 19, 1157.	1.1	30
1296	The long non-coding RNA TUG1-miR-9a-5p axis contributes to ischemic injuries by promoting cardiomyocyte apoptosis via targeting KLF5. Cell Death and Disease, 2019, 10, 908.	2.7	41
1297	IncRNA AK054386 Functions as a ceRNA to Sequester miR-199 and Induce Sustained Endoplasmic Reticulum Stress in Hepatic Reperfusion Injury. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	1.9	15
1298	Long Noncoding RNA Inc-HC Regulates PPARγ-Mediated Hepatic Lipid Metabolism through miR-130b-3p. Molecular Therapy - Nucleic Acids, 2019, 18, 954-965.	2.3	40
1299	Long Non-coding RNA LINC01787 Drives Breast Cancer Progression via Disrupting miR-125b Generation. Frontiers in Oncology, 2019, 9, 1140.	1.3	14
1300	Expression Profile and Potential Functions of Circulating Long Noncoding RNAs in Acute Ischemic Stroke in the Southern Chinese Han Population. Frontiers in Molecular Neuroscience, 2019, 12, 290.	1.4	11
1301	Whole Transcriptome Analysis of Obese Adipose Tissue Suggests u001kfc.1 as a Potential Regulator to Glucose Homeostasis. Frontiers in Genetics, 2019, 10, 1133.	1.1	13
1302	Long noncoding RNAs in neurodevelopment and Parkinson's disease. Animal Models and Experimental Medicine, 2019, 2, 239-251.	1.3	44

#	Article	IF	CITATIONS
1303	Competitive Endogenous RNA Network Construction and Comparison of Lung Squamous Cell Carcinoma in Smokers and Nonsmokers. Disease Markers, 2019, 2019, 1-14.	0.6	10
1304	From Endogenous to Synthetic microRNA-Mediated Regulatory Circuits: An Overview. Cells, 2019, 8, 1540.	1.8	16
1305	A Novel Long Noncoding RNA, IncR-125b, Promotes the Differentiation of Goat Skeletal Muscle Satellite Cells by Sponging miR-125b. Frontiers in Genetics, 2019, 10, 1171.	1.1	24
1306	Understanding Long Noncoding RNA and Chromatin Interactions: What We Know So Far. Non-coding RNA, 2019, 5, 54.	1.3	62
1307	The Role of Non-Coding RNAs in Neurodevelopmental Disorders. Frontiers in Genetics, 2019, 10, 1033.	1.1	37
1308	LncRNA MACC1-AS1 sponges multiple miRNAs and RNA-binding protein PTBP1. Oncogenesis, 2019, 8, 73.	2.1	53
1309	<p>Knockdown Of lncRNA NCK-AS1 Regulates Cisplatin Resistance Through Modulating miR-137 In Osteosarcoma Cells</p> . OncoTargets and Therapy, 2019, Volume 12, 11057-11068.	1.0	29
1310	SKmDB: an integrated database of next generation sequencing information in skeletal muscle. Bioinformatics, 2019, 35, 847-855.	1.8	2
1312	MYEOV functions as an amplified competing endogenous RNA in promoting metastasis by activating TGF- \hat{l}^2 pathway in NSCLC. Oncogene, 2019, 38, 896-912.	2.6	39
1313	MicroRNAâ€351â€5p mediates skeletal myogenesis by directly targeting lactamaseâ€Î² and is regulated by <i>lncâ€mg</i> . FASEB Journal, 2019, 33, 1911-1926.	0.2	38
1314	Long nonâ€codingRNA TUG1 regulates the migration and invasion of trophoblastâ€like cells through sponging miRâ€204â€5p. Clinical and Experimental Pharmacology and Physiology, 2019, 46, 380-388.	0.9	14
1315	Inhibition of AZIN2-sv induces neovascularization and improves prognosis after myocardial infarction by blocking ubiquitin-dependent talin1 degradation and activating the Akt pathway. EBioMedicine, 2019, 39, 69-82.	2.7	31
1316	Identification of novel lncRNAs in Eucalyptus grandis. Industrial Crops and Products, 2019, 129, 309-317.	2.5	33
1317	LncRNA-H19 activates CDC42/PAK1 pathway to promote cell proliferation, migration and invasion by targeting miR-15b in hepatocellular carcinoma. Genomics, 2019, 111, 1862-1872.	1.3	66
1318	Parathyroid hormone-stimulation of Runx2 during osteoblast differentiation via the regulation of lnc-SUPT3H-1:16 (RUNX2-AS1:32) and miR-6797-5p. Biochimie, 2019, 158, 43-52.	1.3	34
1319	<i>LINC01133</i> aggravates the progression of hepatocellular carcinoma by activating the PI3K/AKT pathway. Journal of Cellular Biochemistry, 2019, 120, 4172-4179.	1.2	25
1320	IncITPF Promotes Pulmonary Fibrosis by Targeting hnRNP-L Depending on Its Host Gene ITGBL1. Molecular Therapy, 2019, 27, 380-393.	3.7	43
1321	New benzyl-aporphine alkaloids from <i>Thalictrum cultratum </i> . Natural Product Research, 2019, 33, 3176-3179.	1.0	8

#	ARTICLE	IF	CITATIONS
1322	STAT3-Activated Long Non-Coding RNA Lung Cancer Associated Transcript 1 Drives Cell Proliferation, Migration, and Invasion in Hepatoblastoma Through Regulation of the miR-301b/STAT3 Axis. Human Gene Therapy, 2019, 30, 702-713.	1.4	25
1323	Knockdown of lncRNA HOTAIR sensitizes breast cancer cells to ionizing radiation through activating miR-218. Bioscience Reports, 2019, 39, .	1.1	58
1324	Involvement of the long noncoding <scp>RNA NEAT</scp> 1 in carcinogenesis. Molecular Oncology, 2019, 13, 46-60.	2.1	132
1325	A novel long non-coding RNA, lncKBTBD10, involved in bovine skeletal muscle myogenesis. In Vitro Cellular and Developmental Biology - Animal, 2019, 55, 25-35.	0.7	9
1326	Diagnostic and prognostic role of serum miRâ€20b, miRâ€17â€3p, HOTAIR, and MALAT1 in diabetic retinopathy. IUBMB Life, 2019, 71, 310-320.	1.5	77
1327	Evaluation of serum exosomal Lnc <scp>RNA</scp> â€based biomarker panel for diagnosis and recurrence prediction of bladder cancer. Journal of Cellular and Molecular Medicine, 2019, 23, 1396-1405.	1.6	97
1328	Knockdown of growth-arrest specific transcript 5 restores oxidized low-density lipoprotein-induced impaired autophagy flux via upregulating miR-26a in human endothelial cells. European Journal of Pharmacology, 2019, 843, 154-161.	1.7	34
1329	LncRNAs regulating stemness in aging. Aging Cell, 2019, 18, e12870.	3.0	27
1330	Single cell analysis reveals the involvement of the long non-coding RNA Pvt1 in the modulation of muscle atrophy and mitochondrial network. Nucleic Acids Research, 2019, 47, 1653-1670.	6.5	63
1331	Long non-coding RNA in stem cell pluripotency and lineage commitment: functions and evolutionary conservation. Cellular and Molecular Life Sciences, 2019, 76, 1459-1471.	2.4	80
1332	Antisense Transcription in Loci Associated to Hereditary Neurodegenerative Diseases. Molecular Neurobiology, 2019, 56, 5392-5415.	1.9	29
1333	Muscle wasting in the presence of disease, why is it so variable?. Biological Reviews, 2019, 94, 1038-1055.	4.7	7
1334	LncRNAâ€UCA1 modulates progression of colon cancer through regulating the miRâ€28â€5p/HOXB3 axis. Journal of Cellular Biochemistry, 2019, 120, 6926-6936.	1.2	67
1335	Endometrial Epithelial Cell Apoptosis Is Inhibited by a ciR8073-miR181a-Neurotensis Pathway during Embryo Implantation. Molecular Therapy - Nucleic Acids, 2019, 14, 262-273.	2.3	21
1336	Long nonâ€coding RNA metastasisâ€essociated lung adenocarcinoma transcript 1/microRNAâ€202â€3p/periostir axis modulates invasion and epithelial–mesenchymal transition in human cervical cancer. Journal of Cellular Physiology, 2019, 234, 14170-14180.	2.0	21
1337	Network-Based Methods and Other Approaches for Predicting IncRNA Functions and Disease Associations. Methods in Molecular Biology, 2019, 1912, 301-321.	0.4	6
1338	Non-coding RNAs in vascular remodeling and restenosis. Vascular Pharmacology, 2019, 114, 49-63.	1.0	37
1339	H19 suppresses the growth of hepatoblastoma cells by promoting their apoptosis via the signaling pathways of miRâ€675/FADD and miRâ€138/PTK2. Journal of Cellular Biochemistry, 2019, 120, 5218-5231.	1.2	13

#	Article	IF	CITATIONS
1340	MEG3 overexpression inhibits the tumorigenesis of breast cancer by downregulating miR-21 through the PI3K/Akt pathway. Archives of Biochemistry and Biophysics, 2019, 661, 22-30.	1.4	60
1341	LINC00641 regulates autophagy and intervertebral disc degeneration by acting as a competitive endogenous RNA of miRâ€153â€3p under nutrition deprivation stress. Journal of Cellular Physiology, 2019, 234, 7115-7127.	2.0	39
1342	Long noncoding RNA APTR contributes to osteosarcoma progression through repression of miRâ€132â€3p and upregulation of yesâ€associated protein 1. Journal of Cellular Physiology, 2019, 234, 8998-9007.	2.0	40
1343	LncRNA882 regulates leukemia inhibitory factor (LIF) by sponging miRâ€15b in the endometrial epithelium cells of dairy goat. Journal of Cellular Physiology, 2019, 234, 4754-4767.	2.0	10
1344	LncRNA PVT1 regulates growth, migration, and invasion of bladder cancer by miRâ€31/ <i>CDK1</i> . Journal of Cellular Physiology, 2019, 234, 4799-4811.	2.0	66
1345	Long noncoding RNA HOXC13â€AS positively affects cell proliferation and invasion in nasopharyngeal carcinoma via modulating miRâ€383â€3p/HMGA2 axis. Journal of Cellular Physiology, 2019, 234, 12809-12820.	2.0	39
1346	Knockdown of IncRNA DLX6-AS1 inhibits cell proliferation, migration and invasion while promotes apoptosis by downregulating PRR11 expression and upregulating miR-144 in non-small cell lung cancer. Biomedicine and Pharmacotherapy, 2019, 109, 1851-1859.	2.5	50
1347	Cross-regulation of non-coding RNAs and their correlations with target protein-coding genes in CRC pathobiology. Meta Gene, 2019, 19, 174-184.	0.3	1
1348	Construction and comprehensive analysis of dysregulated long nonâ€coding RNAâ€associated competing endogenous RNA network in clear cell renal cell carcinoma. Journal of Cellular Biochemistry, 2019, 120, 2576-2593.	1.2	38
1349	Systematic review of computational methods for identifying miRNA-mediated RNA-RNA crosstalk. Briefings in Bioinformatics, 2019, 20, 1193-1204.	3.2	16
1350	Noncoding RNAs in the Vascular System Response to Oxidative Stress. Antioxidants and Redox Signaling, 2019, 30, 992-1010.	2.5	26
1351	Non-coding RNA regulation of endothelial and macrophage functions during atherosclerosis. Vascular Pharmacology, 2019, 114, 64-75.	1.0	60
1352	Linking diabetic vascular complications with LncRNAs. Vascular Pharmacology, 2019, 114, 139-144.	1.0	31
1353	Identification and characterization of long non-coding RNA in prenatal and postnatal skeletal muscle of sheep. Genomics, 2019, 111, 133-141.	1.3	15
1354	Identification and analysis of differentially expressed long non-coding RNAs of Chinese Holstein cattle responses to heat stress. Animal Biotechnology, 2020, 31, 9-16.	0.7	19
1355	Screening and evaluating of long non-coding RNAs in prenatal and postnatal pituitary gland of sheep. Genomics, 2020, 112, 934-942.	1.3	19
1356	The key microRNA on lipid droplet formation during adipogenesis from human mesenchymal stem cells. Journal of Cellular Physiology, 2020, 235, 328-338.	2.0	23
1357	LncRNA H19 initiates microglial pyroptosis and neuronal death in retinal ischemia/reperfusion injury. Cell Death and Differentiation, 2020, 27, 176-191.	5.0	160

#	Article	IF	CITATIONS
1358	Non-coding RNAs as potential therapeutic targets in breast cancer. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194378.	0.9	68
1359	LINC00265 promotes colorectal tumorigenesis via ZMIZ2 and USP7-mediated stabilization of \hat{l}^2 -catenin. Cell Death and Differentiation, 2020, 27, 1316-1327.	5.0	55
1360	Progress in the study of long noncoding RNA in tongue squamous cell carcinoma. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2020, 129, 51-58.	0.2	19
1361	Comparative Transcriptomics Analyses across Species, Organs, and Developmental Stages Reveal Functionally Constrained IncRNAs. Molecular Biology and Evolution, 2020, 37, 240-259.	3.5	30
1362	A novel catalyst with variable active sites for the direct hydrogenation of waste oils into jet fuel. Applied Catalysis B: Environmental, 2020, 260, 118114.	10.8	35
1363	Identification and characterization of long non-coding RNAs in muscle sclerosis of grass carp, Ctenopharyngodon idellus fed with faba bean meal. Aquaculture, 2020, 516, 734521.	1.7	9
1364	Comprehensive analysis of the long noncoding RNA expression profile and construction of the lncRNA-mRNA co-expression network in colorectal cancer. Cancer Biology and Therapy, 2020, 21, 157-169.	1.5	20
1365	Long noncoding RNA lncâ€ABCA12â€3 promotes cell migration, invasion, and proliferation by regulating fibronectin 1 in esophageal squamous cell carcinoma. Journal of Cellular Biochemistry, 2020, 121, 1374-1387.	1.2	19
1366	HOTAIRâ€induced apoptosis is mediated by sponging miRâ€130aâ€3p to repress chondrocyte autophagy in knee osteoarthritis. Cell Biology International, 2020, 44, 524-535.	1.4	38
1367	Role of miRNA sponges in hepatocellular carcinoma. Clinica Chimica Acta, 2020, 500, 10-19.	0.5	72
1368	Circular RNA expression profiles alter significantly after intracerebral hemorrhage in rats. Brain Research, 2020, 1726, 146490.	1.1	19
1369	RP11â€284F21.9 promotes oral squamous cell carcinoma development via the miRâ€383â€5p/MAL2 axis. Journal of Oral Pathology and Medicine, 2020, 49, 21-29.	1.4	19
1370	Novel mechanisms for osteogenic differentiation of human aortic valve interstitial cells. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 1742-1753.e7.	0.4	11
1371	Roles of IncRNAs and circRNAs in regulating skeletal muscle development. Acta Physiologica, 2020, 228, e13356.	1.8	33
1372	The how and why of lncRNA function: An innate immune perspective. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194419.	0.9	196
1373	The role of non-coding RNAs in neuroprotection and angiogenesis following ischemic stroke. Metabolic Brain Disease, 2020, 35, 31-43.	1.4	26
1374	Clinical value of non-coding RNAs in cardiovascular, pulmonary, and muscle diseases. American Journal of Physiology - Cell Physiology, 2020, 318, C1-C28.	2.1	26
1375	Long non-coding RNA NEAT1 promotes bladder progression through regulating miR-410 mediated HMGB1. Biomedicine and Pharmacotherapy, 2020, 121, 109248.	2.5	38

#	Article	IF	CITATIONS
1376	Circ-HIPK3 plays an active role in regulating myoblast differentiation. International Journal of Biological Macromolecules, 2020, 155, 1432-1439.	3.6	13
1377	Long non-coding RNAs in cardiac hypertrophy. Heart Failure Reviews, 2020, 25, 1037-1045.	1.7	10
1378	Long nonâ€coding RNA MALAT1 sponges miRâ€149 to promote inflammatory responses of LPSâ€induced acute lung injury by targeting MyD88. Cell Biology International, 2020, 44, 317-326.	1.4	35
1379	Building Blocks for Quantum Network Based on Groupâ€IV Splitâ€Vacancy Centers in Diamond. Advanced Quantum Technologies, 2020, 3, 1900069.	1.8	28
1380	Inhibition of TUG1/miRNA-299-3p Axis Represses Pancreatic Cancer Malignant Progression via Suppression of the Notch1 Pathway. Digestive Diseases and Sciences, 2020, 65, 1748-1760.	1.1	27
1381	Small molecule inhibition of Ewing sarcoma cell growth via targeting the long non coding RNA HULC. Cancer Letters, 2020, 469, 111-123.	3.2	27
1382	The Emerging Role of Long Non-Coding RNAs in the Metastasis of Hepatocellular Carcinoma. Biomolecules, 2020, 10, 66.	1.8	69
1383	A Single Cell but Many Different Transcripts: A Journey into the World of Long Non-Coding RNAs. International Journal of Molecular Sciences, 2020, 21, 302.	1.8	45
1384	MicroRNAs: pivotal regulators in acute myeloid leukemia. Annals of Hematology, 2020, 99, 399-412.	0.8	14
1386	The p53 family reaches the final frontier: the variegated regulation of the dark matter of the genome by the p53 family in cancer. RNA Biology, 2020, 17, 1636-1647.	1.5	5
1387	MIR221HG Is a Novel Long Noncoding RNA that Inhibits Bovine Adipocyte Differentiation. Genes, 2020, 11, 29.	1.0	9
1388	Long non-coding RNA RBM5-AS1 promotes the aggressive behaviors of oral squamous cell carcinoma by regulation of miR-1285-3p/YAP1 axis. Biomedicine and Pharmacotherapy, 2020, 123, 109723.	2.5	22
1389	Competitive endogenous RNA (ceRNA) regulation network of lncRNA-miRNA-mRNA during the process of the nickel-induced steroidogenesis disturbance in rat Leydig cells. Toxicology in Vitro, 2020, 63, 104721.	1.1	11
1390	Improving the therapeutic efficiency of noncoding RNAs in cancers using targeted drug delivery systems. Drug Discovery Today, 2020, 25, 718-730.	3.2	28
1391	IncRNA UCA1 Functions as a ceRNA to Promote Prostate Cancer Progression via Sponging miR143. Molecular Therapy - Nucleic Acids, 2020, 19, 751-758.	2.3	70
1392	Targeting YAP1/LINC00152/FSCN1 Signaling Axis Prevents the Progression of Colorectal Cancer. Advanced Science, 2020, 7, 1901380.	5.6	114
1393	A novel long noncoding RNA Linc-ASEN represses cellular senescence through multileveled reduction of p21 expression. Cell Death and Differentiation, 2020, 27, 1844-1861.	5.0	23
1395	Designing a general method for predicting the regulatory relationships between long noncoding RNAs and protein-coding genes based on multi-omics characteristics. Bioinformatics, 2020, 36, 2025-2032.	1.8	5

#	Article	IF	CITATIONS
1396	LncRNA SNHG15: A new budding star in human cancers. Cell Proliferation, 2020, 53, e12716.	2.4	38
1397	<i>ZNRD1â€AS</i> and <i>RP11â€819C21.1</i> long nonâ€coding RNA changes following painful laser stimulation correlate with laserâ€evoked potential amplitude and habituation in healthy subjects: A pilot study. European Journal of Pain, 2020, 24, 593-603.	1.4	4
1398	Co-expression Network of mRNAs and IncRNAs Regulated by Stress-Linked Behavioral Assays. Psychopharmacology, 2020, 237, 571-582.	1.5	9
1399	Long noncoding RNA LINC00662 promotes M2 macrophage polarization and hepatocellular carcinoma progression via activating Wnt∫l²â€catenin signaling. Molecular Oncology, 2020, 14, 462-483.	2.1	139
1400	The Combined Therapy of Berberine Treatment with IncRNA BACE1-AS Depletion Attenuates AÎ ² 25–35 Induced Neuronal Injury Through Regulating the Expression of miR-132-3p in Neuronal Cells. Neurochemical Research, 2020, 45, 741-751.	1.6	34
1401	Long Noncoding RNA DRAIC Inhibits Prostate Cancer Progression by Interacting with IKK to Inhibit NF-ÎB Activation. Cancer Research, 2020, 80, 950-963.	0.4	51
1402	Identification and Characterization of IncRNAs Related to the Muscle Growth and Development of Japanese Flounder (Paralichthys olivaceus). Frontiers in Genetics, 2020, 11, 1034.	1.1	11
1403	LncRNA FOXD3-AS1 knockdown protects against cerebral ischemia/reperfusion injury via miR-765/BCL2L13 axis. Biomedicine and Pharmacotherapy, 2020, 132, 110778.	2.5	24
1404	lncRNA IGF2 AS Regulates Bovine Myogenesis through Different Pathways. Molecular Therapy - Nucleic Acids, 2020, 21, 874-884.	2.3	14
1405	<p>Long Non-Coding RNAs in Brown Adipose Tissue</p> . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 3193-3204.	1.1	9
1406	Down-regulation of lncRNA Gas5 promotes hypoxia-induced pulmonary arterial smooth muscle cell proliferation by regulating KCNK3 expression. European Journal of Pharmacology, 2020, 889, 173618.	1.7	13
1407	LINC00346 regulates glycolysis by modulation of glucose transporter 1 in breast cancer cells. Molecular and Cellular Probes, 2020, 54, 101667.	0.9	13
1408	Inferences of individual differences in response to tripterysium glycosides across patients with Rheumatoid arthritis using a novel ceRNA regulatory axis. Clinical and Translational Medicine, 2020, 10, e185.	1.7	13
1409	Holistic insights into meningitic <i>Escherichia coli</i> i> infection of astrocytes based on whole transcriptome profiling. Epigenomics, 2020, 12, 1611-1632.	1.0	5
1410	ASDmiR: A Stepwise Method to Uncover miRNA Regulation Related to Autism Spectrum Disorder. Frontiers in Genetics, 2020, 11, 562971.	1.1	5
1411	Long Noncoding RNAs in Diabetes and β-Cell Regulation. RNA Technologies, 2020, , 523-544.	0.2	2
1412	The biological function and potential mechanism of long nonâ€eoding RNAs in cardiovascular disease. Journal of Cellular and Molecular Medicine, 2020, 24, 12900-12909.	1.6	17
1413	Noncoding RNAs in Apicomplexan Parasites: An Update. Trends in Parasitology, 2020, 36, 835-849.	1.5	30

#	Article	IF	Citations
1414	Long noncoding RNA AANCR modulates innate antiviral responses by blocking miR-210-dependent MITA downregulation in teleost fish, Miichthys miiuy. Science China Life Sciences, 2021, 64, 1131-1148.	2.3	31
1415	Up-regulation of LncRNA NEAT1 induces apoptosis of human placental trophoblasts. Free Radical Research, 2020, 54, 678-686.	1.5	9
1416	Dissecting the Functional Mechanisms of Somatic Copy-Number Alterations Based on Dysregulated ceRNA Networks across Cancers. Molecular Therapy - Nucleic Acids, 2020, 21, 464-479.	2.3	11
1417	Long noncoding RNA MARL regulates antiviral responses through suppression miR-122-dependent MAVS downregulation in lower vertebrates. PLoS Pathogens, 2020, 16, e1008670.	2.1	65
1418	Noncoding RNAs in peritoneal fibrosis: Background, Mechanism, and Therapeutic Approach. Biomedicine and Pharmacotherapy, 2020, 129, 110385.	2.5	12
1419	Exploring the Molecular Mechanisms of Pterygium by Constructing lncRNA–miRNA–mRNA Regulatory Network. , 2020, 61, 12.		13
1420	Roles of Noncoding RNAs in Islet Biology. , 2020, 10, 893-932.		7
1421	LncRNA STARD13-AS blocks lung squamous carcinoma cells growth and movement by targeting miR-1248/C3A. Pulmonary Pharmacology and Therapeutics, 2020, 64, 101949.	1.1	8
1422	MicroRNAs in Skeletal Muscle and Hints on Their Potential Role in Muscle Wasting During Cancer Cachexia. Frontiers in Oncology, 2020, 10, 607196.	1.3	15
1423	Genome-Wide Identification of Long Non-coding RNAs in the Gravid Ectoparasite Varroa destructor. Frontiers in Genetics, 2020, 11, 575680.	1.1	7
1424	Emerging impact of the long noncoding RNA MIR22HG on proliferation and apoptosis in multiple human cancers. Journal of Experimental and Clinical Cancer Research, 2020, 39, 271.	3.5	56
1425	Interaction of OIP5-AS1 with MEF2C mRNA promotes myogenic gene expression. Nucleic Acids Research, 2020, 48, 12943-12956.	6.5	28
1426	LINC00174 is a novel prognostic factor in thymic epithelial tumors involved in cell migration and lipid metabolism. Cell Death and Disease, 2020, 11, 959.	2.7	27
1427	Circular RNA CircFAM188B Encodes a Protein That Regulates Proliferation and Differentiation of Chicken Skeletal Muscle Satellite Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 522588.	1.8	31
1428	Long noncoding RNA IncGALM increases risk of liver metastasis in gallbladder cancer through facilitating Nâ \in cadherin and ILâ \in 1 1 2 2 6dependent liver arrest and tumor extravasation. Clinical and Translational Medicine, 2020, 10, e201.	1.7	9
1429	Regulation of Glycolysis by Non-coding RNAs in Cancer: Switching on the Warburg Effect. Molecular Therapy - Oncolytics, 2020, 19, 218-239.	2.0	87
1431	Exploring the IncRNAs Related to Skeletal Muscle Fiber Types and Meat Quality Traits in Pigs. Genes, 2020, 11, 883.	1.0	24
1432	Emerging Roles of Long Non-Coding RNAs in Renal Fibrosis. Life, 2020, 10, 131.	1.1	14

#	Article	IF	Citations
1433	Long Noncoding RNA TP53TG1 Contributes to Radioresistance of Glioma Cells Via miR-524-5p/RAB5A Axis. Cancer Biotherapy and Radiopharmaceuticals, 2021, 36, 600-612.	0.7	13
1434	The Complex Landscape of <i>PTEN</i> mRNA Regulation. Cold Spring Harbor Perspectives in Medicine, 2020, 10, a036236.	2.9	7
1435	LncRNAs are regulated by chromatin states and affect the skeletal muscle cell differentiation. Cell Proliferation, 2020, 53, e12879.	2.4	12
1436	Zebrafish xenograft model of human lung cancer for studying the function of LINC00152 in cell proliferation and invasion. Cancer Cell International, 2020, 20, 376.	1.8	23
1437	Identification of a three-long noncoding RNA prognostic model involved competitive endogenous RNA in kidney renal clear cell carcinoma. Cancer Cell International, 2020, 20, 319.	1.8	25
1438	Regulation of Glucose and Lipid Metabolism by Long Non-coding RNAs: Facts and Research Progress. Frontiers in Endocrinology, 2020, 11 , 457.	1.5	22
1439	LncRNA Rik-203 Contributes to Sevoflurane Induced Neurotoxicity?. Frontiers in Medicine, 2020, 7, 353.	1.2	3
1440	Circular RNA in gastric cancer. Chinese Medical Journal, 2020, 133, 1868-1877.	0.9	18
1441	The Role of CASC2 and miR-21 Interplay in Glioma Malignancy and Patient Outcome. International Journal of Molecular Sciences, 2020, 21, 7962.	1.8	10
1442	Noncoding RNAs implication in cardiovascular diseases in the COVID-19 era. Journal of Translational Medicine, 2020, 18, 408.	1.8	16
1443	Long non-coding RNA-polycomb intimate rendezvous. Open Biology, 2020, 10, 200126.	1.5	17
1444	The Role of MicroRNAs in Acute Respiratory Distress Syndrome and Sepsis, From Targets to Therapies: A Narrative Review. Anesthesia and Analgesia, 2020, 131, 1471-1484.	1.1	31
1445	LncRNA TSLNC8 synergizes with EGFR inhibitor osimertinib to inhibit lung cancer tumorigenesis by blocking the EGFR-STAT3 pathway. Cell Cycle, 2020, 19, 2776-2792.	1.3	7
1447	LncRNA MALAT1 Regulates the Progression and Cisplatin Resistance of Ovarian Cancer Cells via Modulating miR-1271-5p/E2F5 Axis. Cancer Management and Research, 2020, Volume 12, 9999-10010.	0.9	24
1448	Long non-coding RNAs (IncRNAs) in spermatogenesis and male infertility. Reproductive Biology and Endocrinology, 2020, 18, 103.	1.4	72
1449	LncRNA TTN-AS1 promotes the progression of oral squamous cell carcinoma via miR-411-3p/NFAT5 axis. Cancer Cell International, 2020, 20, 415.	1.8	23
1450	Comprehensive Analysis of Long Non-coding RNA-Associated Competing Endogenous RNA Network in Duchenne Muscular Dystrophy. Interdisciplinary Sciences, Computational Life Sciences, 2020, 12, 447-460.	2.2	7
1451	Interference of miRâ€107 with Atg12 is inhibited by HULC to promote metastasis of hepatocellular carcinoma. MedComm, 2020, 1, 165-177.	3.1	7

#	Article	IF	CITATIONS
1452	The functional role of long non-coding RNAs and their underlying mechanisms in drug resistance of non-small cell lung cancer. Life Sciences, 2020, 261, 118362.	2.0	20
1453	Decreased long nonâ€coding RNA lincFOXF1 indicates poor progression and promotes cell migration and metastasis in osteosarcoma. Journal of Cellular and Molecular Medicine, 2020, 24, 12633-12641.	1.6	5
1454	Long Non-coding RNAs Are Differentially Expressed After Different Exercise Training Programs. Frontiers in Physiology, 2020, 11, 567614.	1.3	29
1455	<i>lncMGPF</i> is a novel positive regulator of muscle growth and regeneration. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 1723-1746.	2.9	36
1456	LINC00669 insulates the JAK/STAT suppressor SOCS1 to promote nasopharyngeal cancer cell proliferation and invasion. Journal of Experimental and Clinical Cancer Research, 2020, 39, 166.	3.5	25
1457	LncRNA SNHG3 promotes autophagy-induced neuronal cell apoptosis by acting as a ceRNA for miR-485 to up-regulate ATG7 expression. Metabolic Brain Disease, 2020, 35, 1361-1369.	1.4	21
1458	Regulation of Skeletal Muscle Atrophy in Cachexia by MicroRNAs and Long Non-coding RNAs. Frontiers in Cell and Developmental Biology, 2020, 8, 577010.	1.8	16
1460	RNA-Seq Reveals the Expression Profiles of Long Non-Coding RNAs in Lactating Mammary Gland from Two Sheep Breeds with Divergent Milk Phenotype. Animals, 2020, 10, 1565.	1.0	6
1461	<p>lncRNA UCA1 Contributes to 5-Fluorouracil Resistance of Colorectal Cancer Cells Through miR-23b-3p/ZNF281 Axis</p> . OncoTargets and Therapy, 2020, Volume 13, 7571-7583.	1.0	31
1462	LncRNA CDKN2B-AS1/miR-141/cyclin D network regulates tumor progression and metastasis of renal cell carcinoma. Cell Death and Disease, 2020, 11, 660.	2.7	45
1463	<p>IncRNA TUG1 Promotes Cell Proliferation, Migration, and Invasion in Hepatocellular Carcinoma via Regulating miR-29c-3p/COL1A1 Axis</p> . Cancer Management and Research, 2020, Volume 12, 6837-6847.	0.9	13
1464	EWSAT1 Acts in Concert with Exosomes in Osteosarcoma Progression and Tumorâ€Induced Angiogenesis: The "Double Stacking Effectâ€. Advanced Biology, 2020, 4, e2000152.	3.0	17
1465	Regulation of melanoma malignancy by the RP11-705C15.3/miR-145-5p/NRAS/MAPK signaling axis. Cancer Gene Therapy, 2020, 28, 1198-1212.	2.2	4
1466	The IncRNA Toolkit: Databases and In Silico Tools for IncRNA Analysis. Non-coding RNA, 2020, 6, 49.	1.3	32
1467	Competing Endogenous RNA Networks as Biomarkers in Neurodegenerative Diseases. International Journal of Molecular Sciences, 2020, 21, 9582.	1.8	73
1468	SOX9-activated FARSA-AS1 predetermines cell growth, stemness, and metastasis in colorectal cancer through upregulating FARSA and SOX9. Cell Death and Disease, 2020, 11, 1071.	2.7	40
1469	LINCO0857 Interacting with YBX1 to Regulate Apoptosis and Autophagy via MET and Phosphor-AMPKa Signaling. Molecular Therapy - Nucleic Acids, 2020, 22, 1164-1175.	2.3	32
1470	A Dynamic Role of Mastermind-Like 1: A Journey Through the Main (Path)ways Between Development and Cancer. Frontiers in Cell and Developmental Biology, 2020, 8, 613557.	1.8	20

#	Article	IF	CITATIONS
1471	MiR-144-3p Targets FoxO1 to Reduce Its Regulation of Adiponectin and Promote Adipogenesis. Frontiers in Genetics, 2020, 11, 603144.	1.1	16
1472	A long noncoding RNA, <i>LncMyoD</i> , modulates chromatin accessibility to regulate muscle stem cell myogenic lineage progression. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32464-32475.	3.3	32
1473	Non-Coding RNAs as Mediators of Epigenetic Changes in Malignancies. Cancers, 2020, 12, 3657.	1.7	64
1474	Comp34 displays potent preclinical antitumor efficacy in triple-negative breast cancer via inhibition of NUDT3-AS4, a novel oncogenic long noncoding RNA. Cell Death and Disease, 2020, 11, 1052.	2.7	11
1475	FUS-dependent loading of SUV39H1 to OCT4 pseudogene-lncRNA programs a silencing complex with OCT4 promoter specificity. Communications Biology, 2020, 3, 632.	2.0	4
1476	Emerging roles of long noncoding RNAs in cholangiocarcinoma: Advances and challenges. Cancer Communications, 2020, 40, 655-680.	3.7	17
1477	Identification and characterization of key long non-coding RNAs in the mouse cochlea. RNA Biology, 2021, 18, 1160-1169.	1.5	4
1478	Predicting the interaction biomolecule types for IncRNA: an ensemble deep learning approach. Briefings in Bioinformatics, 2020, 22, .	3.2	16
1479	Conjoint analysis of IncRNA and mRNA expression in rotator cuff tendinopathy. Annals of Translational Medicine, 2020, 8, 335-335.	0.7	13
1482	Genome-Wide Analysis Reveals Changes in Polled Yak Long Non-coding RNAs in Skeletal Muscle Development. Frontiers in Genetics, 2020, 11, 365.	1.1	5
1483	Identification and Comparative Analysis of Long Non-Coding RNA in the Skeletal Muscle of Two Dezhou Donkey Strains. Genes, 2020, 11, 508.	1.0	18
1484	<scp><i>LncRNA MALAT1</i></scp> promoted high glucoseâ€induced pyroptosis of renal tubular epithelial cell by sponging <scp>miR</scp> â€30c targeting for <scp>NLRP3</scp> . Kaohsiung Journal of Medical Sciences, 2020, 36, 682-691.	0.8	42
1485	SNHG7 Facilitates Hepatocellular Carcinoma Occurrence by Sequestering miR-9-5p to Upregulate CNNM1 Expression. Cancer Biotherapy and Radiopharmaceuticals, 2020, 35, 731-740.	0.7	10
1486	Integrative analysis of ceRNA network and DNA methylation associated with gene expression in malignant pheochromocytomas: a study based on The Cancer Genome Atlas. Translational Andrology and Urology, 2020, 9, 344-354.	0.6	3
1487	Long noncoding RNA XIST regulates osteogenic differentiation of human bone marrow mesenchymal stem cells by targeting miR-9-5p. Mechanisms of Development, 2020, 162, 103612.	1.7	21
1488	P53 and H3K4me2 activate N6â€methylated <i>LncPGCATâ€1 </i> to regulate primordial germ cell formation via MAPK signaling. Journal of Cellular Physiology, 2020, 235, 9895-9909.	2.0	7
1489	Suppression of long non-coding RNA MALAT1 inhibits survival and metastasis of esophagus cancer cells by sponging miR-1-3p/CORO1C/TPM3 axis. Molecular and Cellular Biochemistry, 2020, 470, 165-174.	1.4	22
1490	Non-coding RNAs in Nervous System Development and Disease. Frontiers in Cell and Developmental Biology, 2020, 8, 273.	1.8	43

#	Article	IF	Citations
1491	Construction and Analysis of a ceRNA Network Reveals Potential Prognostic Markers in Colorectal Cancer. Frontiers in Genetics, 2020, 11, 418.	1.1	13
1492	Characterization of superâ€enhancerâ€essociated functional lncRNAs acting as ceRNAs in ESCC. Molecular Oncology, 2020, 14, 2203-2230.	2.1	28
1494	LncRNA WDFY3â€AS2 suppresses proliferation and invasion in oesophageal squamous cell carcinoma by regulating miRâ€2355â€5p/SOCS2 axis. Journal of Cellular and Molecular Medicine, 2020, 24, 8206-8220.	1.6	21
1495	Long non-coding RNA LINC01116 regulated miR-744-5p/SCN1B axis to exacerbate lung squamous cell carcinoma. Cancer Biomarkers, 2020, 28, 1-10.	0.8	9
1496	Non-coding RNAs in Ischemic Stroke: Roles in the Neuroinflammation and Cell Death. Neurotoxicity Research, 2020, 38, 564-578.	1.3	16
1497	Association of Abl interactor 2, ABI2, with platelet/lymphocyte ratio in patients with renal cell carcinoma: A pilot study. International Journal of Experimental Pathology, 2020, 101, 87-95.	0.6	3
1498	Long Noncoding RNA NEAT1 Regulates TGF- $\langle i \rangle \hat{l}^2 \langle i \rangle 2$ -Induced Epithelial-Mesenchymal Transition of Lens Epithelial Cells through the miR-34a/Snail1 and miR-204/Zeb1 Pathways. BioMed Research International, 2020, 2020, 1-19.	0.9	10
1499	Regulatory Mechanism and Application of IncRNAs in Poultry. , 2020, , .		2
1500	Hypoxiaâ€induced IncRNA ANRIL promotes cisplatin resistance in retinoblastoma cells through regulating ABCG2 expression. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 1049-1057.	0.9	27
1501	Comparison of Long Non-Coding RNA Expression Profiles of Cattle and Buffalo Differing in Muscle Characteristics. Frontiers in Genetics, 2020, 11, 98.	1.1	19
1502	HOTAIRM1, an enhancer lncRNA, promotes glioma proliferation by regulating long-range chromatin interactions within HOXA cluster genes. Molecular Biology Reports, 2020, 47, 2723-2733.	1.0	29
1503	IncRNA-TINCR Functions as a Competitive Endogenous RNA to Regulate the Migration of Mesenchymal Stem Cells by Sponging miR-761. BioMed Research International, 2020, 2020, 1-10.	0.9	9
1504	MiR-362-5p, Which Is Regulated by Long Non-Coding RNA MBNL1-AS1, Promotes the Cell Proliferation and Tumor Growth of Bladder Cancer by Targeting QKI. Frontiers in Pharmacology, 2020, 11, 164.	1.6	16
1505	NORFA, long intergenic noncoding RNA, maintains sow fertility by inhibiting granulosa cell death. Communications Biology, 2020, 3, 131.	2.0	34
1506	Downâ€regulated lncRNA AGAP2â€AS1 contributes to preâ€eclampsia as a competing endogenous RNA for JDP2 by impairing trophoblastic phenotype. Journal of Cellular and Molecular Medicine, 2020, 24, 4557-4568.	1.6	26
1508	Long Noncoding RNA CTC Inhibits Proliferation and Invasion by Targeting miR-146 to Regulate KIT in Papillary Thyroid Carcinoma. Scientific Reports, 2020, 10, 4616.	1.6	6
1509	LncRNA ZEB1-AS1 regulates colorectal cancer cells by miR-205/YAP1 axis. Open Medicine (Poland), 2020, 15, 175-184.	0.6	23
1510	The Identification of Long Non-coding RNA H19 Target and Its Function in Chronic Myeloid Leukemia. Molecular Therapy - Nucleic Acids, 2020, 19, 1368-1378.	2.3	9

#	Article	IF	CITATIONS
1511	Non-coding RNAs Shaping Muscle. Frontiers in Cell and Developmental Biology, 2019, 7, 394.	1.8	26
1512	The Genetics and Epigenetics of 22q11.2 Deletion Syndrome. Frontiers in Genetics, 2019, 10, 1365.	1.1	64
1513	Expression Levels of Long Non-Coding RNAs Change in Models of Altered Muscle Activity and Muscle Mass. International Journal of Molecular Sciences, 2020, 21, 1628.	1.8	23
1514	An update on long intergenic noncoding RNA p21: a regulatory molecule with various significant functions in cancer. Cell and Bioscience, 2020, 10, 82.	2.1	40
1515	LncRNA LINC00641 Sponges miR-497-5p to Ameliorate Neural Injury Induced by Anesthesia via Up-Regulating BDNF. Frontiers in Molecular Neuroscience, 2020, 13, 95.	1.4	8
1516	LncPrep + 96kb 2.2 kb Inhibits Estradiol Secretion From Granulosa Cells by Inducing EDF1 Translocation. Frontiers in Cell and Developmental Biology, 2020, 8, 481.	1.8	2
1517	Competing Endogenous RNAs, Non-Coding RNAs and Diseases: An Intertwined Story. Cells, 2020, 9, 1574.	1.8	97
1518	Long Noncoding RNA TYKRIL Plays a Role in Pulmonary Hypertension via the p53-mediated Regulation of PDGFRβ. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1445-1457.	2.5	45
1519	<p>Hsa_circ_0001806 Acts as a ceRNA to Facilitate the Stemness of Colorectal Cancer Cells by Increasing COL1A1</p> . OncoTargets and Therapy, 2020, Volume 13, 6315-6327.	1.0	27
1520	Interactions Among IncRNAs/circRNAs, miRNAs, and mRNAs in Neuropathic Pain. Neurotherapeutics, 2020, 17, 917-931.	2.1	31
1521	Human Long Noncoding RNA Interactome: Detection, Characterization and Function. International Journal of Molecular Sciences, 2020, 21, 1027.	1.8	124
1522	<p>Long Non-Coding RNA HULC Promotes Cervical Cancer Cell Proliferation, Migration and Invasion via miR-218/TPD52 Axis</p> . OncoTargets and Therapy, 2020, Volume 13, 1109-1118.	1.0	14
1523	MEG3 Promotes Differentiation of Porcine Satellite Cells by Sponging miR-423-5p to Relieve Inhibiting Effect on SRF. Cells, 2020, 9, 449.	1.8	17
1524	Long noncoding RNA TUG1 regulates prostate cancer cell proliferation, invasion and migration via the Nrf2 signaling axis. Pathology Research and Practice, 2020, 216, 152851.	1.0	16
1525	Long non-coding RNA NEAT1 promotes colorectal cancer progression by regulating miR-205-5p/VEGFA axis. Human Cell, 2020, 33, 386-396.	1.2	39
1526	Long noncoding RNA TMPO-AS1 promotes lung adenocarcinoma progression and is negatively regulated by miR-383-5p. Biomedicine and Pharmacotherapy, 2020, 125, 109989.	2.5	24
1527	Locate-R: Subcellular localization of long non-coding RNAs using nucleotide compositions. Genomics, 2020, 112, 2583-2589.	1.3	29
1528	Upregulation of LncRNA PVT1 Facilitates Pancreatic Ductal Adenocarcinoma Cell Progression and Glycolysis by Regulating MiR-519d-3p and HIF-1A. Journal of Cancer, 2020, 11, 2572-2579.	1.2	31

#	Article	IF	CITATIONS
1529	The 3′ Untranslated Region Protects the Heart from Angiotensin II-Induced Cardiac Dysfunction via AGGF1 Expression. Molecular Therapy, 2020, 28, 1119-1132.	3.7	10
1530	Screening and functional studies of long noncoding RNA in subjects with prediabetes. Endocrine, 2020, 68, 296-305.	1.1	6
1531	<p>LncRNA PCAT6 Accelerates the Progression and Chemoresistance of Cervical Cancer Through Up-Regulating ZEB1 by Sponging miR-543</p> . OncoTargets and Therapy, 2020, Volume 13, 1159-1170.	1.0	38
1532	LncRNA Gm12664–001 ameliorates nonalcoholic fatty liver through modulating miR-295-5p and CAV1 expression. Nutrition and Metabolism, 2020, 17, 13.	1.3	18
1533	Linc00662 Promotes Tumorigenesis and Progression by Regulating miR-497-5p/AVL9 Axis in Colorectal Cancer. Frontiers in Genetics, 2019, 10, 1385.	1.1	38
1534	LINCO0167 Regulates RPE Differentiation by Targeting the miR-203a-3p/SOCS3 Axis. Molecular Therapy - Nucleic Acids, 2020, 19, 1015-1026.	2.3	21
1536	Mechanisms regulating myoblast fusion: A multilevel interplay. Seminars in Cell and Developmental Biology, 2020, 104, 81-92.	2.3	64
1537	A novel tumour suppressor lncRNA F630028O10Rik inhibits lung cancer angiogenesis by regulating miRâ€223â€3p. Journal of Cellular and Molecular Medicine, 2020, 24, 3549-3559.	1.6	39
1539	Knockdown of TUG 1 suppresses hypoxia-induced apoptosis of cardiomyocytes by up-regulating miR-133a. Archives of Biochemistry and Biophysics, 2020, 681, 108262.	1.4	11
1540	Circular RNA-Centered Regulatory Networks in the Physiopathology of Cardiovascular Diseases. International Journal of Molecular Sciences, 2020, 21, 456.	1.8	10
1541	The role of PDIA3 in myogenesis during muscle regeneration. Experimental and Molecular Medicine, 2020, 52, 105-117.	3.2	16
1542	Emerging roles of HOTAIR in human cancer. Journal of Cellular Biochemistry, 2020, 121, 3235-3247.	1.2	36
1543	LncRNA AFAP1-AS1 promotes osteoblast differentiation of human aortic valve interstitial cells through regulating miR-155/SMAD5 axis. Molecular and Cellular Probes, 2020, 50, 101509.	0.9	8
1544	Long non-coding RNA LOC105611671 modulates fibroblast growth factor 9 (FGF9) expression by targeting oar-miR-26a to promote testosterone biosynthesis in Hu sheep. Reproduction, Fertility and Development, 2020, 32, 373.	0.1	9
1545	Regulatory RNAs in Heart Failure. Circulation, 2020, 141, 313-328.	1.6	133
1546	Whole-transcriptome analysis of the toxic effects of zearalenone exposure on ceRNA networks in porcine granulosa cells. Environmental Pollution, 2020, 261, 114007.	3.7	26
1547	Idiopathic Pulmonary Fibrosis: Pathogenesis and the Emerging Role of Long Non-Coding RNAs. International Journal of Molecular Sciences, 2020, 21, 524.	1.8	41
1548	Long nonâ€coding RNA UCA1 promotes autophagy by targeting miRâ€96â€5p in acute myeloid leukaemia. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 877-885.	0.9	19

#	Article	IF	CITATIONS
1549	LncRNA ZEB1-AS1 facilitates ox-LDL-induced damage of HCtAEC cells and the oxidative stress and inflammatory events of THP-1 cells via miR-942/HMGB1 signaling. Life Sciences, 2020, 247, 117334.	2.0	24
1550	LncRNA BCYRN1/miR-490-3p/POU3F2, served as a ceRNA network, is connected with worse survival rate of hepatocellular carcinoma patients and promotes tumor cell growth and metastasis. Cancer Cell International, 2020, 20, 6.	1.8	24
1551	Comparative transcriptome analysis uncovers regulatory roles of long non-coding RNAs involved in resistance to powdery mildew in melon. BMC Genomics, 2020, 21, 125.	1.2	28
1552	Involvement of long noncoding RNAs in the pathogenesis of autoimmune diseases. Journal of Translational Autoimmunity, 2020, 3, 100044.	2.0	24
1553	Noncoding RNAs in Duchenne and Becker muscular dystrophies: role in pathogenesis and future prognostic and therapeutic perspectives. Cellular and Molecular Life Sciences, 2020, 77, 4299-4313.	2.4	13
1554	LEF1-AS1 is implicated in the malignant development of glioblastoma via sponging miR-543 to upregulate EN2. Brain Research, 2020, 1736, 146781.	1.1	12
1555	The novel long noncoding RNA lncRNA-Adi regulates adipogenesis. Stem Cells Translational Medicine, 2020, 9, 1053-1067.	1.6	26
1556	USF1â€induced overexpression of long noncoding RNA WDFY3â€AS2 promotes lung adenocarcinoma progression via targeting miRâ€491â€5p/ZNF703 axis. Molecular Carcinogenesis, 2020, 59, 875-885.	1.3	19
1557	circ_ARF3 regulates the pathogenesis of osteosarcoma by sponging miR-1299 to maintain CDK6 expression. Cellular Signalling, 2020, 72, 109622.	1.7	9
1558	RNA-seq Profiling and Co-expression Network Analysis of Long Noncoding RNAs and mRNAs Reveal Novel Pathogenesis of Noise-induced Hidden Hearing Loss. Neuroscience, 2020, 434, 120-135.	1.1	6
1559	LncRNA Functions as a New Emerging Epigenetic Factor in Determining the Fate of Stem Cells. Frontiers in Genetics, 2020, 11, 277.	1.1	65
1560	Long Non-coding RNA MINCR Regulates miR-876-5p/GSPT1 Axis to Aggravate Glioma Progression. Neurochemical Research, 2020, 45, 1690-1699.	1.6	13
1561	Long non-coding RNA MALAT1 aggravates human retinoblastoma by sponging miR-20b-5p to upregulate STAT3. Pathology Research and Practice, 2020, 216, 152977.	1.0	15
1562	Long non-coding RNA UCA1 modulates cell proliferation and apoptosis by regulating miR-296-3p/Myc axis in acute myeloid leukemia. Cell Cycle, 2020, 19, 1454-1465.	1.3	25
1563	<p>Long Non-Coding RNA LEF1-AS1 Promotes Migration, Invasion and Metastasis of Colon Cancer Cells Through miR-30-5p/SOX9 Axis</p> . OncoTargets and Therapy, 2020, Volume 13, 2957-2972.	1.0	19
1564	Molecular interplay between linc01134 and YY1 dictates hepatocellular carcinoma progression. Journal of Experimental and Clinical Cancer Research, 2020, 39, 61.	3 . 5	35
1565	Long noncoding RNA HOST2, working as a competitive endogenous RNA, promotes STAT3-mediated cell proliferation and migration via decoying of let-7b in triple-negative breast cancer. Journal of Experimental and Clinical Cancer Research, 2020, 39, 58.	3 . 5	40
1566	Circular RNA MAN2B2 promotes cell proliferation of hepatocellular carcinoma cells via the miRNA-217/MAPK1 axis. Journal of Cancer, 2020, 11, 3318-3326.	1.2	30

#	Article	IF	CITATIONS
1567	The Crosstalk between lncRNA-SNHG7/miRNA-181/cbx7 Modulates Malignant Character in Lung Adenocarcinoma. American Journal of Pathology, 2020, 190, 1343-1354.	1.9	19
1568	IncRNA PVT1 Promotes Tumorigenesis of Colorectal Cancer by Stabilizing miR-16-5p and Interacting with the VEGFA/VEGFR1/AKT Axis. Molecular Therapy - Nucleic Acids, 2020, 20, 438-450.	2.3	64
1569	MiR-146b-5p Regulates the Expression of Long Noncoding RNA <i>MALAT1</i> and Its Effect on the Invasion and Proliferation of Papillary Thyroid Cancer. Cancer Biotherapy and Radiopharmaceuticals, 2021, 36, 433-440.	0.7	8
1570	CeRNASeek: an R package for identification and analysis of ceRNA regulation. Briefings in Bioinformatics, 2021, 22, .	3.2	22
1572	Analysis of lncRNAsâ€miRNAsâ€mRNAs networks in periodontal ligament stem cells under mechanical force. Oral Diseases, 2021, 27, 325-337.	1.5	16
1573	The IncRNA MEG3/miRâ€16â€5p/VGLL4 regulatory axis is involved in etoposideâ€induced senescence of tumor cells. Journal of Gene Medicine, 2021, 23, e3291.	1.4	10
1574	Tick salivary gland transcriptomics and proteomics. Parasite Immunology, 2021, 43, e12807.	0.7	17
1575	Noncoding RNAs in doxorubicin-induced cardiotoxicity and their potential as biomarkers and therapeutic targets. Acta Pharmacologica Sinica, 2021, 42, 499-507.	2.8	15
1576	Long noncoding RNA HNF1Aâ€AS1 regulates proliferation and apoptosis of glioma through activation of the JNK signaling pathway via miRâ€363â€3p/MAP2K4. Journal of Cellular Physiology, 2021, 236, 1068-1082.	2.0	11
1577	microRNAs: New-Age Panacea in Cancer Therapeutics. Indian Journal of Surgical Oncology, 2021, 12, 52-56.	0.3	3
1578	The microRNA miRâ€133b functions to slow Duchenne muscular dystrophy pathogenesis. Journal of Physiology, 2021, 599, 171-192.	1.3	15
1579	The long noncoding RNA PDK1â€AS/miRâ€125bâ€5p/VEGFA axis modulates human dermal microvascular endothelial cell and human umbilical vein endothelial cell angiogenesis after thermal injury. Journal of Cellular Physiology, 2021, 236, 3129-3142.	2.0	9
1580	Competing endogenous RNAs and cancer: How coding and non-coding molecules cross-talk can impinge on disease. International Journal of Biochemistry and Cell Biology, 2021, 130, 105874.	1.2	14
1581	LncRNA <i>GAS5</i> alleviates rheumatoid arthritis through regulating miR-222-3p/Sirt1 signalling axis. Autoimmunity, 2021, 54, 13-22.	1.2	33
1582	Dual targeting of PD-L1 and PD-L2 by PCED1B-AS1 via sponging hsa-miR-194-5p induces immunosuppression in hepatocellular carcinoma. Hepatology International, 2021, 15, 444-458.	1.9	62
1583	Silencing of lncRNA DLEU1 inhibits tumorigenesis of ovarian cancer via regulating miR-429/TFAP2A axis. Molecular and Cellular Biochemistry, 2021, 476, 1051-1061.	1.4	11
1584	The long nonâ€coding RNA landscape in tripleâ€negative breast cancer. Cell Proliferation, 2021, 54, e12966.	2.4	43
1585	A novel Oct4/Pou5f1-like non-coding RNA controls neural maturation and mediates developmental effects of ethanol. Neurotoxicology and Teratology, 2021, 83, 106943.	1.2	8

#	ARTICLE	IF	CITATIONS
1586	Gene regulation by long non-coding RNAs and its biological functions. Nature Reviews Molecular Cell Biology, 2021, 22, 96-118.	16.1	2,319
1587	Capturing Chromosome Conformation. Methods in Molecular Biology, 2021, , .	0.4	1
1589	Identification of prognostic biomarkers in glioblastoma using a long non-coding RNA-mediated, competitive endogenous RNA network. Oncotarget, 0, 7, 41737-41747.	0.8	44
1590	Regulation of RNA N ⁶ -methyladenosine modification and its emerging roles in skeletal muscle development. International Journal of Biological Sciences, 2021, 17, 1682-1692.	2.6	25
1591	LncRNA SNHG6 Promotes Wilms' Tumor Progression Through Regulating miR-429/ <i>FRS2</i> Cancer Biotherapy and Radiopharmaceuticals, 2021, , .	0.7	12
1592	Cervical carcinoma high-expressed long non-coding RNA 1 promotes papillary thyroid carcinoma cell proliferation and invasion. Translational Cancer Research, 2021, 10, 0-0.	0.4	0
1593	LINC01224 Promotes Colorectal Cancer Progression by Sponging miR-2467. Cancer Management and Research, 2021, Volume 13, 733-742.	0.9	8
1594	Autophagy and gastrointestinal cancers: the behind the scenes role of long non-coding RNAs in initiation, progression, and treatment resistance. Cancer Gene Therapy, 2021, 28, 1229-1255.	2.2	40
1595	The functional analysis of transiently upregulated miR-101 suggests a "braking―regulatory mechanism during myogenesis. Science China Life Sciences, 2021, 64, 1612-1623.	2.3	7
1596	Regulatory RNAs in cardiovascular disease. , 2021, , 127-162.		0
1597	Characterizing miRNA–IncRNA Interplay. Methods in Molecular Biology, 2021, 2372, 243-262.	0.4	32
1598	Profiling and Functional Analysis of Long Noncoding RNAs and mRNAs during Porcine Skeletal Muscle Development. International Journal of Molecular Sciences, 2021, 22, 503.	1.8	7
1599	Over-expression of long non-coding RNA insulin-like growth factor 2-antisense suppressed hepatocellular carcinoma cell proliferation and metastasis by regulating the microRNA-520h/cyclin-dependent kinase inhibitor 1A signaling pathway. Bioengineered, 2021, 12, 6952-6966.	1.4	6
1600	linc-AAM Facilitates Gene Expression Contributing to Macrophage Activation and Adaptive Immune Responses. Cell Reports, 2021, 34, 108584.	2.9	10
1601	Identification of IGF2BP1 â€related lncRNAâ€miRNAâ€mRNA network in goat skeletal muscle satellite cells. Animal Science Journal, 2021, 92, e13631.	0.6	5
1602	The regulation of long non-coding RNA 00958 (LINC00958) for oral squamous cell carcinoma (OSCC) cells death through absent in melanoma 2 (AIM2) depending on microRNA-4306 and Sirtuin1 (SIRT1) in vitro. Bioengineered, 2021, 12, 5085-5098.	1.4	20
1603	IncRNA LINC00963 downregulation regulates colorectal cancer tumorigenesis and progression via the miR‑10b/FGF13 axis. Molecular Medicine Reports, 2021, 23, .	1.1	9
1604	Longnon-coding RNA BLACAT2 promotes gastric cancer progression via the miR-193b-5p/METTL3 pathway. Journal of Cancer, 2021, 12, 3209-3221.	1.2	15

#	Article	IF	CITATIONS
1605	Illuminating IncRNA Function Through Target Prediction. Methods in Molecular Biology, 2021, 2372, 263-295.	0.4	3
1606	Analysis of Rice Transcriptome Reveals the LncRNA/CircRNA Regulation in Tissue Development. Rice, 2021, 14, 14.	1.7	26
1607	Long Noncoding RNAs: An Overview. Methods in Molecular Biology, 2021, 2372, 297-305.	0.4	2
1608	LNCcation: IncRNA localization and function. Journal of Cell Biology, 2021, 220, .	2.3	621
1609	Effective tools for RNA-derived therapeutics: siRNA interference or miRNA mimicry. Theranostics, 2021, 11, 8771-8796.	4.6	50
1610	Long Noncoding RNA LncPGCR Mediated by TCF7L2 Regulates Primordial Germ Cell Formation in Chickens. Animals, 2021, 11, 292.	1.0	4
1611	Long noncoding RNA LINC00520 accelerates lung adenocarcinoma progression via miR-1252-5p/FOXR2 pathway. Human Cell, 2021, 34, 478-490.	1.2	11
1612	CircRILPL1 promotes muscle proliferation and differentiation via binding miR-145 to activate IGF1R/PI3K/AKT pathway. Cell Death and Disease, 2021, 12, 142.	2.7	33
1613	Circular RNAs: A Promising Biomarker for Endometrial Cancer. Cancer Management and Research, 2021, Volume 13, 1651-1665.	0.9	15
1614	The IncRNA NEAT1 promotes the epithelial-mesenchymal transition and metastasis of osteosarcoma cells by sponging miR-483 to upregulate STAT3 expression. Cancer Cell International, 2021, 21, 90.	1.8	22
1615	Novel insights into the interaction between long non-coding RNAs and microRNAs in glioma. Molecular and Cellular Biochemistry, 2021, 476, 2317-2335.	1.4	18
1616	The function of lncRNAs in the pathogenesis of osteoarthritis. Bone and Joint Research, 2021, 10, 122-133.	1.3	24
1617	Downregulation of lncRNA MIR181A2HG by high glucose impairs vascular endothelial cell proliferation and migration through the dysregulation of the miRNAs/AKT2 axis. International Journal of Molecular Medicine, 2021, 47, .	1.8	9
1618	LncRNA CDKN2B-AS1 stabilized by IGF2BP3 drives the malignancy of renal clear cell carcinoma through epigenetically activating NUF2 transcription. Cell Death and Disease, 2021, 12, 201.	2.7	35
1619	The Risks of miRNA Therapeutics: In a Drug Target Perspective. Drug Design, Development and Therapy, 2021, Volume 15, 721-733.	2.0	116
1620	The IncRNA 44s2 Study Applicability to the Design of 45-55 Exon Skipping Therapeutic Strategy for DMD. Biomedicines, 2021, 9, 219.	1.4	4
1621	Aberrant Expression of microRNA Clusters in Head and Neck Cancer Development and Progression: Current and Future Translational Impacts. Pharmaceuticals, 2021, 14, 194.	1.7	3
1622	RNA-Seq Implies Divergent Regulation Patterns of LincRNA on Spermatogenesis and Testis Growth in Goats. Animals, 2021, 11, 625.	1.0	8

#	Article	IF	CITATIONS
1623	Genome-wide identification and characterization of long non-coding RNAs involved in flag leaf senescence of rice. Plant Molecular Biology, 2021, 105, 655-684.	2.0	24
1624	HIF1A-AS2 Promotes the Proliferation and Metastasis of Gastric Cancer Cells Through miR-429/PD-L1 Axis. Digestive Diseases and Sciences, 2021, 66, 4314-4325.	1.1	26
1625	LncRNA-H19 Drives Cardiomyocyte Senescence by Targeting miR-19a/socs1/p53 Axis. Frontiers in Pharmacology, 2021, 12, 631835.	1.6	22
1626	Identification of a ten-long noncoding RNA signature for predicting the survival and immune status of patients with bladder urothelial carcinoma based on the GEO database: a superior machine learning model. Aging, 2021, 13, 6957-6981.	1.4	4
1627	Long nonâ€coding RNAs: Promising new targets in pulmonary fibrosis. Journal of Gene Medicine, 2021, 23, e3318.	1.4	25
1628	Enhancer RNAs: transcriptional regulators and workmates of NamiRNAs in myogenesis. Cellular and Molecular Biology Letters, 2021, 26, 4.	2.7	8
1629	Estrogen enhances the expression of a growth-associated long noncoding RNA in chicken liver via ERÎ \pm . British Poultry Science, 2021, 62, 336-345.	0.8	1
1630	Insights Into circRNAs: Functional Roles in Lung Cancer Management and the Potential Mechanisms. Frontiers in Cell and Developmental Biology, 2021, 9, 636913.	1.8	7
1631	Current Understanding of Circular RNAs in Systemic Lupus Erythematosus. Frontiers in Immunology, 2021, 12, 628872.	2.2	12
1632	LncRNA UC.360+ shRNA Improves Diabetic Cardiac Sympathetic Dysfunction Mediated by the P2X4 Receptor in the Stellate Ganglion. ACS Chemical Neuroscience, 2021, 12, 1210-1218.	1.7	4
1633	Long Noncoding RNA TCONS_00068220 Promotes Breast Cancer Progression by Regulating Epithelial-Mesenchymal Transition Marker E-Cadherin. Medical Science Monitor, 2021, 27, e929832.	0.5	0
1634	Bioinformatic and integrated analysis identifies an IncRNA–miRNA–mRNA interaction mechanism in gastric adenocarcinoma. Genes and Genomics, 2021, 43, 613-622.	0.5	5
1635	Exosomal LINC00355 derived from cancer-associated fibroblasts promotes bladder cancer cell resistance to cisplatin by regulating miR-34b-5p/ABCB1 axis. Acta Biochimica Et Biophysica Sinica, 2021, 53, 558-566.	0.9	33
1636	Inhibition of IncRNA MAAT Controls Multiple Types of Muscle Atrophy by cis- and trans-Regulatory Actions. Molecular Therapy, 2021, 29, 1102-1119.	3.7	26
1637	LncRNA SNHG7 Promotes the HCC Progression Through miR-122-5p/FOXK2 Axis. Digestive Diseases and Sciences, 2022, 67, 925-935.	1.1	7
1638	The long noncoding RNA FRILAIR regulates strawberry fruit ripening by functioning as a noncanonical target mimic. PLoS Genetics, 2021, 17, e1009461.	1.5	32
1639	Long non-coding RNA TDRG1 facilitates cell proliferation, migration and invasion in breast cancer via targeting miR-214-5p/CLIC4 axis. Cancer Biology and Therapy, 2021, 22, 248-256.	1.5	7
1640	Telomerase Regulation: A Role for Epigenetics. Cancers, 2021, 13, 1213.	1.7	39

#	Article	IF	CITATIONS
1641	LncRNA LINC00857 strengthens the malignancy behaviors of pancreatic adenocarcinoma cells by serving as a competing endogenous RNA for miR-340-5p to upregulate TGFA expression. PLoS ONE, 2021, 16, e0247817.	1.1	10
1643	Transcriptome Profiling of the Retained Fetal Membranesâ€"An Insight in the Possible Pathogenesis of the Disease. Animals, 2021, 11, 675.	1.0	1
1644	Long noncoding RNA (IncRNA) <i>EIF3J-DT</i> induces chemoresistance of gastric cancer via autophagy activation. Autophagy, 2021, 17, 4083-4101.	4.3	107
1646	METTL3 Regulates Ossification of the Posterior Longitudinal Ligament via the lncRNA XIST/miR-302a-3p/USP8 Axis. Frontiers in Cell and Developmental Biology, 2021, 9, 629895.	1.8	17
1649	MiR-133b inhibits colorectal cancer metastasis via lncRNA-LUCAT1. Future Oncology, 2021, 17, 1013-1023.	1.1	6
1650	LncRNAs in cancer: Regulatory and therapeutic implications. Cancer Letters, 2021, 501, 162-171.	3.2	84
1651	microRNA-29b prevents renal fibrosis by attenuating renal tubular epithelial cell–mesenchymal transition through targeting the PI3K/AKT pathway. International Urology and Nephrology, 2021, 53, 1941-1950.	0.6	21
1652	Translational remodeling by <scp>RNA</scp> â€binding proteins and noncoding <scp>RNAs</scp> . Wiley Interdisciplinary Reviews RNA, 2021, 12, e1647.	3.2	23
1653	LncRNA-FKBP1C regulates muscle fiber type switching by affecting the stability of MYH1B. Cell Death Discovery, 2021, 7, 73.	2.0	20
1654	The LncRNA CASC11 Promotes Colorectal Cancer Cell Proliferation and Migration by Adsorbing miR-646 and miR-381-3p to Upregulate Their Target RAB11FIP2. Frontiers in Oncology, 2021, 11, 657650.	1.3	8
1655	Long non-coding RNA regulating androgen receptor signaling in breast and prostate cancer. Cancer Letters, 2021, 504, 15-22.	3.2	18
1656	Emerging Roles of Long Non-coding RNAs in Uterine Leiomyoma Pathogenesis: a Review. Reproductive Sciences, 2022, 29, 1086-1101.	1.1	9
1657	Exosomal IncRNA-p21 derived from mesenchymal stem cells protects epithelial cells during LPS-induced acute lung injury by sponging miR-181. Acta Biochimica Et Biophysica Sinica, 2021, 53, 748-757.	0.9	26
1658	Epigenetic regulation of cellular functions in wound healing. Experimental Dermatology, 2021, 30, 1073-1089.	1.4	26
1659	Long noncoding RNA DLEU2 drives the malignant behaviors of thyroid cancer through mediating the miR-205-5p/TNFAIP8 axis. Endocrine Connections, 2021, 10, 471-483.	0.8	9
1660	LOXL1â€'AS1 promotes thymoma and thymic carcinoma progression by regulating miRâ€'525â€'5pâ€' <i>HSPA9<oncology .<="" 2021,="" 45,="" reports,="" td=""><td> i_{1.2}</td><td>14</td></oncology></i>	i _{1.2}	14
1661	Exosomal LINC00355 derived from cancer-associated fibroblasts promotes bladder cancer cell proliferation and invasion by regulating miR-15a-5p/HMGA2 axis. Acta Biochimica Et Biophysica Sinica, 2021, 53, 673-682.	0.9	16
1662	The emerging regulatory roles of noncoding RNAs in immune function of fish: MicroRNAs versus long noncoding RNAs. Molecular Genetics and Genomics, 2021, 296, 765-781.	1.0	8

#	Article	IF	CITATIONS
1663	GW182 Proteins Restrict Extracellular Vesicle-Mediated Export of MicroRNAs in Mammalian Cancer Cells. Molecular and Cellular Biology, 2021, 41, .	1.1	10
1664	Overexpression of long non-coding RNA AP001505.9 inhibits human hyaline chondrocyte dedifferentiation. Aging, 2021, 13, 11433-11454.	1.4	2
1665	Long Non-coding RNA LINCO2474 Affects Metastasis and Apoptosis of Colorectal Cancer by Inhibiting the Expression of GZMB. Frontiers in Oncology, 2021, 11, 651796.	1.3	17
1666	An Overview on Identification and Regulatory Mechanisms of Long Non-coding RNAs in Fungi. Frontiers in Microbiology, 2021, 12, 638617.	1.5	12
1667	LncRNA-NNT-AS1 contributes to the progression of glioma by miR-582-5p/EZH2 axis. Cytotechnology, 2021, 73, 473-482.	0.7	8
1668	LncRNA lnc_13814 promotes the cells apoptosis in granulosa cells of duck by acting as apla-miR-145-4 sponge. Cell Cycle, 2021, 20, 927-942.	1.3	4
1669	Long noncoding RNA expression profiling identifies MIR210HG as a novel molecule in severe preeclampsia. Life Sciences, 2021, 270, 119121.	2.0	8
1670	Long non-coding RNA taurine upregulated gene 1 is downregulated in osteoporosis and influences the osteogenic differentiation of bone marrow mesenchymal stem cells. Peerl, 2021, 9, e11251.	0.9	8
1671	Novel Insights into the Potential Diagnostic Value of Circulating Exosomal IncRNA-Related Networks in Large Artery Atherosclerotic Stroke. Frontiers in Molecular Biosciences, 2021, 8, 682769.	1.6	6
1672	Revisiting Platinum-Based Anticancer Drugs to Overcome Gliomas. International Journal of Molecular Sciences, 2021, 22, 5111.	1.8	18
1673	PHAROH lncRNA regulates Myc translation in hepatocellular carcinoma via sequestering TIAR. ELife, 2021, 10, .	2.8	18
1674	Decoding LncRNAs. Cancers, 2021, 13, 2643.	1.7	19
1675	CircSLC7A2 protects against osteoarthritis through inhibition of the miRâ€4498/TIMP3 axis. Cell Proliferation, 2021, 54, e13047.	2.4	24
1676	LncRNA XIST promotes liver cancer progression by acting as a molecular sponge of miR-200b-3p to regulate ZEB1/2 expression. Journal of International Medical Research, 2021, 49, 030006052110162.	0.4	13
1677	circSVIL regulates bovine myoblast development by inhibiting STAT1 phosphorylation. Science China Life Sciences, 2022, 65, 376-386.	2.3	14
1678	LncRNA NCK1â€AS1 exerts oncogenic property in gastric cancer by targeting the miRâ€22â€3p/BCL9 axis to activate the Wntſl²â€catenin signaling. Environmental Toxicology, 2021, 36, 1640-1653.	2.1	13
1679	IncRNA Sequencing of Antler Mesenchymal Tissue Revealed that the Regulatory Network of Antler Cell Proliferation and Differentiation. Animal Biotechnology, 2021, , 1-10.	0.7	2
1680	LncRNA MALAT1 Promote Cell Proliferation and Invasion by sponging miR-125b to Modulate HMGA1 Expression in Laryngocarcinoma. Iranian Journal of Public Health, 2021, 50, 959-969.	0.3	3

#	ARTICLE	IF	CITATIONS
1681	LncRNA WDFY3-AS2 promotes cisplatin resistance and the cancer stem cell in ovarian cancer by regulating hsa-miR-139-5p/SDC4 axis. Cancer Cell International, 2021, 21, 284.	1.8	29
1682	Exploring miRNA Sponge Networks of Breast Cancer by Combining miRNA-disease-IncRNA and miRNA-target Networks. Current Bioinformatics, 2021, 16, 385-394.	0.7	12
1683	Long non‑coding RNA NEAT1 regulates glioma cell proliferation and apoptosis by competitively binding to microRNA‑324‑5p and upregulating KCTD20 expression. Oncology Reports, 2021, 46, .	1.2	11
1684	Large scale RNA-binding proteins/LncRNAs interaction analysis to uncover lncRNA nuclear localization mechanisms. Briefings in Bioinformatics, 2021, 22, .	3.2	19
1685	Study on the Relationship between the miRNA-centered ceRNA Regulatory Network and Fatigue. Journal of Molecular Neuroscience, 2021, 71, 1967-1974.	1.1	11
1686	LncRNA PCAT18 Promotes Non-Small Cell Lung Cancer Progression by Sponging miR-4319. Cancer Management and Research, 2021, Volume 13, 3761-3774.	0.9	4
1687	TMEM161Bâ€AS1 suppresses proliferation, invasion and glycolysis by targeting miRâ€23aâ€3p/HIF1AN signal axis in oesophageal squamous cell carcinoma. Journal of Cellular and Molecular Medicine, 2021, 25, 6535-6549.	1.6	13
1688	Functions of long non-coding RNA in <i>Arabidopsis thaliana</i> . Plant Signaling and Behavior, 2021, 16, 1925440.	1.2	25
1689	Design and Application of Miniâ€libraries of miRNA Probes for an Efficient and Versatile miRNAâ€mRNA Crossâ€linking. Chemistry - A European Journal, 2021, 27, 10193-10200.	1.7	5
1690	Identification of a novel endogenous long non-coding RNA that inhibits selenoprotein P translation. Nucleic Acids Research, 2021, 49, 6893-6907.	6.5	11
1691	The long non-coding RNA \hat{l}^2 Faar regulates islet \hat{l}^2 -cell function and survival during obesity in mice. Nature Communications, 2021, 12, 3997.	5.8	16
1692	Regulatory Potential of Competing Endogenous RNAs in Myotonic Dystrophies. International Journal of Molecular Sciences, 2021, 22, 6089.	1.8	6
1693	Regulation of Osteoclastogenesis and Bone Resorption by miRNAs. Frontiers in Cell and Developmental Biology, 2021, 9, 651161.	1.8	19
1694	Long non-coding RNA Mir22hg-derived miR-22-3p promotes skeletal muscle differentiation and regeneration by inhibiting HDAC4. Molecular Therapy - Nucleic Acids, 2021, 24, 200-211.	2.3	10
1695	Rspo3 regulates the abnormal differentiation of small intestinal epithelial cells in diabetic state. Stem Cell Research and Therapy, 2021, 12, 330.	2.4	4
1696	LncRNA HCG11/miR-579-3p/MDM2 axis modulates malignant biological properties in pancreatic carcinoma via Notch/Hes1 signaling pathway. Aging, 2021, 13, 16471-16484.	1.4	12
1697	\hat{l}^2 -elemene alleviates airway stenosis via the ILK/Akt pathway modulated by MIR143HG sponging miR-1275. Cellular and Molecular Biology Letters, 2021, 26, 28.	2.7	7
1698	Long non-coding RNA LINC01116 is activated by EGR1 and facilitates lung adenocarcinoma oncogenicity via targeting miR-744-5p/CDCA4 axis. Cancer Cell International, 2021, 21, 292.	1.8	8

#	Article	IF	CITATIONS
1699	Transcriptome profiling of the diaphragm in a controlled mechanical ventilation model reveals key genes involved in ventilator-induced diaphragmatic dysfunction. BMC Genomics, 2021, 22, 472.	1.2	7
1700	Long Non-coding RNA: An Emerging Contributor and Potential Therapeutic Target in Renal Fibrosis. Frontiers in Genetics, 2021, 12, 682904.	1.1	15
1701	Epitranscriptomics: A New Layer of microRNA Regulation in Cancer. Cancers, 2021, 13, 3372.	1.7	16
1702	LncRNA DGCR5 Isoform-1 Silencing Suppresses the Malignant Phenotype of Clear Cell Renal Cell Carcinoma via miR-211-5p/Snail Signal Axis. Frontiers in Cell and Developmental Biology, 2021, 9, 700029.	1.8	10
1703	The Vital Roles of LINC00662 in Human Cancers. Frontiers in Cell and Developmental Biology, 2021, 9, 711352.	1.8	8
1704	Differential gene expression of the healthy conjunctiva during the day. Contact Lens and Anterior Eye, 2022, 45, 101494.	0.8	4
1705	Melatonin inhibits triple-negative breast cancer progression through the Lnc049808-FUNDC1 pathway. Cell Death and Disease, 2021, 12, 712.	2.7	18
1706	Long Noncoding RNA X-Inactive Specific Transcript Regulates Neuronal Cell Apoptosis in Ischemic Stroke Through miR-98/BACH1 Axis. DNA and Cell Biology, 2021, 40, 979-987.	0.9	8
1707	The Key Lnc (RNA)s in Cardiac and Skeletal Muscle Development, Regeneration, and Disease. Journal of Cardiovascular Development and Disease, 2021, 8, 84.	0.8	7
1708	Novel IncRNA IncRNA001074 participates in the low salinity–induced response in the sea cucumber Apostichopus japonicus by targeting the let-7/NKAα axis. Cell Stress and Chaperones, 2021, 26, 785-798.	1.2	4
1709	Structural and Functional Characterization of a Testicular Long Non-coding RNA (4930463016Rik) Identified in the Meiotic Arrest of the Mouse Topaz1â \in "/â \in " Testes. Frontiers in Cell and Developmental Biology, 2021, 9, 700290.	1.8	7
1710	Sense-overlapping IncRNA as a decoy of translational repressor protein for dimorphic gene expression. PLoS Genetics, 2021, 17, e1009683.	1.5	18
1711	Multiple interactions between melatonin and nonâ€coding RNAs in cancer biology. Chemical Biology and Drug Design, 2021, 98, 323-340.	1.5	13
1712	RNA sequencing reveals potential interacting networks between the altered transcriptome and ncRNome in the skeletal muscle of diabetic mice. Bioscience Reports, 2021, 41, .	1.1	7
1713	Long Noncoding RNA NONHSAT079852.2 Contributes to GBM Recurrence by Functioning as a ceRNA for has-mir-10401-3p to Facilitate HSPA1A Upregulation. Frontiers in Oncology, 2021, 11, 636632.	1.3	5
1714	Tumour-derived exosomal lncRNA-SOX2OT promotes bone metastasis of non-small cell lung cancer by targeting the miRNA-194-5p/RAC1 signalling axis in osteoclasts. Cell Death and Disease, 2021, 12, 662.	2.7	42
1715	Roles of ncRNAs as ceRNAs in Gastric Cancer. Genes, 2021, 12, 1036.	1.0	31
1716	IncRNAs as Hallmarks for Individualized Treatment of Gastric Cancer. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, .	0.9	1

#	Article	IF	CITATIONS
1717	LncRNA AERRIE Is Required for Sulfatase 1 Expression, but Not for Endothelial-to-Mesenchymal Transition. International Journal of Molecular Sciences, 2021, 22, 8088.	1.8	3
1718	Long Non-coding RNA Uc.48+ Small Interfering RNA Alleviates Neuroinflammatory Hyperalgesia in Gp120-Treated Rats via the P2Y12 Receptor. Frontiers in Neuroscience, 2021, 15, 663962.	1.4	3
1719	Interplay between SOX9 transcription factor and microRNAs in cancer. International Journal of Biological Macromolecules, 2021, 183, 681-694.	3.6	39
1720	Inhibition of IncRNA TCONS_00077866 Ameliorates the High Stearic Acid Diet-Induced Mouse Pancreatic β-Cell Inflammatory Response by Increasing miR-297b-5p to Downregulate SAA3 Expression. Diabetes, 2021, 70, 2275-2288.	0.3	5
1721	Lnc-GD2H Promotes Proliferation by Forming a Feedback Loop With c-Myc and Enhances Differentiation Through Interacting With NACA to Upregulate Myog in C2C12 Myoblasts. Frontiers in Cell and Developmental Biology, 2021, 9, 671857.	1.8	3
1722	LncRNA KCNQ1OT1: Molecular mechanisms and pathogenic roles in human diseases. Genes and Diseases, 2022, 9, 1556-1565.	1.5	10
1723	Joint application of biochemical markers and imaging techniques in the accurate and early detection of glioblastoma. Pathology Research and Practice, 2021, 224, 153528.	1.0	1
1724	The role of the multifaceted long non-coding RNAs: A nuclear-cytosolic interplay to regulate hyaluronan metabolism. Matrix Biology Plus, 2021, 11, 100060.	1.9	14
1725	LncRNA CRNDE Promotes ATG4B-Mediated Autophagy and Alleviates the Sensitivity of Sorafenib in Hepatocellular Carcinoma Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 687524.	1.8	16
1726	Screening Prognosis-Related IncRNAs Based on WGCNA to Establish a New Risk Score for Predicting Prognosis in Patients with Hepatocellular Carcinoma. Journal of Immunology Research, 2021, 2021, 1-20.	0.9	6
1727	Self-assembled fluorescent hybrid nanoparticles-mediated collaborative lncRNA CCAT1 silencing and curcumin delivery for synchronous colorectal cancer theranostics. Journal of Nanobiotechnology, 2021, 19, 238.	4.2	18
1728	LncRNA SNHG17 regulates cell proliferation and invasion by targeting miR-338-3p/SOX4 axis in esophageal squamous cell carcinoma. Cell Death and Disease, 2021, 12, 806.	2.7	16
1729	Identification of lncRNA NR_028138.1 as a biomarker and construction of a ceRNA network for bipolar disorder. Scientific Reports, 2021, 11, 15653.	1.6	3
1730	Novel lncRNAâ€HZO4 promotes BPDEâ€induced human trophoblast cell apoptosis and miscarriage by upregulating IP ₃ R ₁ /CaMKII/SGCB pathway by competitively binding with miRâ€hzO4. FASEB Journal, 2021, 35, e21789.	0.2	18
1731	Increased MALAT1 expression predicts poor prognosis in primary gastrointestinal diffuse large B-cell lymphoma. Clinical and Experimental Medicine, 2022, 22, 183-191.	1.9	5
1732	Current and Future Perspectives of Noncoding RNAs in Brain Function and Neuropsychiatric Disease. Biological Psychiatry, 2022, 91, 183-193.	0.7	15
1733	A network of core and subtype-specific gene expression programs in myositis. Acta Neuropathologica, 2021, 142, 887-898.	3.9	13
1734	LINC00514 promotes lipogenesis and tumor progression in esophageal squamous cell carcinoma by sponging miRâ€'378aâ€'5p to enhance SPHK1 expression. International Journal of Oncology, 2021, 59, .	1.4	11

#	Article	IF	CITATIONS
1735	Long non-coding RNAs in neurodegenerative diseases. Neurochemistry International, 2021, 148, 105096.	1.9	15
1736	A novel long non‑coding RNA TTN‑AS1/microRNA‑589‑5p/FOXP1 positive feedback loop increases the proliferation, migration and invasion of pancreatic cancer cell lines. Oncology Letters, 2021, 22, 794.	0.8	5
1737	Multidimensional Mechanistic Spectrum of Long Non-coding RNAs in Heart Development and Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 728746.	1.1	9
1738	Muscle Regeneration and RNA: New Perspectives for Ancient Molecules. Cells, 2021, 10, 2512.	1.8	6
1739	Long non-coding RNA ZFAS1 promotes pancreatic cancer proliferation and metastasis by sponging miR-497-5p to regulate HMGA2 expression. Cell Death and Disease, 2021, 12, 859.	2.7	14
1740	NR2F1-AS1 Promotes Pancreatic Ductal Adenocarcinoma Progression Through Competing Endogenous RNA Regulatory Network Constructed by Sponging miRNA-146a-5p/miRNA-877-5p. Frontiers in Cell and Developmental Biology, 2021, 9, 736980.	1.8	9
1742	Functions of noncoding RNAs in glial development. Developmental Neurobiology, 2021, 81, 877-891.	1.5	2
1743	Long Non-Coding RNA Duxap8 Facilitates Cell Proliferation and Induces Apoptosis in Colorectal Cancer via miR-519b/ZNF277 Axis. OncoTargets and Therapy, 2021, Volume 14, 4693-4703.	1.0	4
1744	Long Non-Coding RNA GRIK1-AS1 Inhibits the Proliferation and Invasion of Gastric Cancer Cells by Regulating the miR-375/IFIT2 Axis. Frontiers in Oncology, 2021, 11, 754834.	1.3	2
1745	Expression and Functional Analysis of IncRNAs Involved in Platelet-Derived Growth Factor-BB-Induced Proliferation of Human Aortic Smooth Muscle Cells. Frontiers in Cardiovascular Medicine, 2021, 8, 702718.	1.1	6
1746	Long Noncoding RNA <i>Tug1</i> Promotes Angiotensin II–Induced Renal Fibrosis by Binding to Mineralocorticoid Receptor and Negatively Regulating MicroR-29b-3p. Hypertension, 2021, 78, 693-705.	1.3	9
1747	The Perspective of Dysregulated LncRNAs in Alzheimer's Disease: A Systematic Scoping Review. Frontiers in Aging Neuroscience, 2021, 13, 709568.	1.7	15
1748	The Roles of IncRNA in Myocardial Infarction: Molecular Mechanisms, Diagnosis Biomarkers, and Therapeutic Perspectives. Frontiers in Cell and Developmental Biology, 2021, 9, 680713.	1.8	29
1749	Noncoding RNA crosstalk in brain health and diseases. Neurochemistry International, 2021, 149, 105139.	1.9	27
1750	LncRNA-Malat1 down-regulates miR-211-5p expression to promote neuronal damage from cerebral ischemia reperfusion injury. Biochemical Pharmacology, 2021, 192, 114694.	2.0	16
1751	Long non-coding RNA LINC01224 promotes progression and cisplatin resistance in non-small lung cancer by sponging miR-2467. Pulmonary Pharmacology and Therapeutics, 2021, 70, 102070.	1.1	13
1752	Circular RNA circFNDC3AL Upregulates BCL9 Expression to Promote Chicken Skeletal Muscle Satellite Cells Proliferation and Differentiation by Binding to miR-204. Frontiers in Cell and Developmental Biology, 2021, 9, 736749.	1.8	8
1753	Silencing of IncRNA XIST impairs angiogenesis and exacerbates cerebral vascular injury after ischemic stroke. Molecular Therapy - Nucleic Acids, 2021, 26, 148-160.	2.3	27

#	Article	IF	CITATIONS
1754	Construction of ceRNA regulatory network in mice with Echinococcosis-induced allergic reactions. Acta Tropica, 2021, 224, 106120.	0.9	0
1755	Classifying Conserved RNA Secondary Structures With Pseudoknots by Vector-Edit Distance. IEEE Access, 2021, 9, 32008-32018.	2.6	0
1756	Pseudogenes as Competitive Endogenous RNAs: Target Prediction and Validation. Methods in Molecular Biology, 2021, 2324, 115-129.	0.4	0
1757	Functional Non-coding RNA During Embryonic Myogenesis and Postnatal Muscle Development and Disease. Frontiers in Cell and Developmental Biology, 2021, 9, 628339.	1.8	24
1758	Circulating long non-coding RNAs NKILA, NEAT1, MALAT1, and MIAT expression and their association in type 2 diabetes mellitus. BMJ Open Diabetes Research and Care, 2021, 9, e001821.	1.2	32
1759	IncRNA LINCO0460 Functions as a Competing Endogenous RNA and Regulates Expression of BGN by Sponging miR-149-5p in Colorectal Cancer. Technology in Cancer Research and Treatment, 2021, 20, 153303382096423.	0.8	15
1760	Lnc-ORA interacts with microRNA-532-3p and IGF2BP2 to inhibit skeletal muscle myogenesis. Journal of Biological Chemistry, 2021, 296, 100376.	1.6	18
1761	Epigenetics, Noncoding RNAs, and Gene Expression. , 2021, , 258-272.		1
1762	Fluoxetine ameliorates depressive symptoms by regulating lncRNA expression in the mouse hippocampus. Zoological Research, 2021, 42, 28-42.	0.9	10
1763	LncRNAs and Available Databases. Methods in Molecular Biology, 2021, 2348, 3-26.	0.4	10
1764	Tissues & Organs Biochemistry of Development: Striated Muscle. , 2021, , 422-433.		0
1765	Visualization of Nuclear and Cytoplasmic Long Noncoding RNAs at Single-Cell Level by RNA-FISH. Methods in Molecular Biology, 2021, 2157, 251-280.	0.4	6
1766	Regulation of Eukaryotic Cell Differentiation by Long Non-coding RNAs., 2013,, 15-67.		4
1767	Pseudogene Redux with New Biological Significance. Methods in Molecular Biology, 2014, 1167, 3-13.	0.4	11
1768	Pseudogenes as Competitive Endogenous RNAs: Target Prediction and Validation. Methods in Molecular Biology, 2014, 1167, 199-212.	0.4	16
1769	Diverse Functions and Mechanisms of Mammalian Long Noncoding RNAs. Methods in Molecular Biology, 2015, 1206, 1-14.	0.4	7
1770	Long Non-coding RNA. , 2015, , 83-108.		4
1771	Regulatory Roles of Long Non-coding RNAs in Skeletal Muscle Differentiation, Regeneration, and Disorders. RNA Technologies, 2020, , 431-463.	0.2	4

#	Article	IF	CITATIONS
1772	Synthetic Strategies to Identify and Regulate Noncoding RNAs., 2015, , 23-43.		3
1773	An Overview of Non-coding RNAs and Cardiovascular System. Advances in Experimental Medicine and Biology, 2020, 1229, 3-45.	0.8	7
1774	Long non-coding RNA BLACAT1 expedites osteosarcoma cell proliferation, migration and invasion via up-regulating SOX12 through miR-608. Journal of Bone Oncology, 2020, 25, 100314.	1.0	8
1775	The Emerging Field of Noncoding RNAs and Their ImportanceÂinÂPediatricÂDiseases. Journal of Pediatrics, 2020, 221, S11-S19.	0.9	2
1776	The Circular RNA circHUWE1 Sponges the miR-29b-AKT3 Axis to Regulate Myoblast Development. Molecular Therapy - Nucleic Acids, 2020, 19, 1086-1097.	2.3	44
1777	Non-coding RNA networks in cancer. Nature Reviews Cancer, 2018, 18, 5-18.	12.8	1,359
1778	LncRNA OIP5-AS1 interacts with miR-363-3p to contribute to hepatocellular carcinoma progression through up-regulation of SOX4. Gene Therapy, 2020, 27, 495-504.	2.3	18
1779	Research and Development of Oligonucleotides Targeting MicroRNAs (miRNAs). RSC Drug Discovery Series, 2019, , 151-180.	0.2	2
1780	AKO48794 maintains the mouse embryonic stem cell pluripotency by functioning as an miRNA sponge for miR-592. Biochemical Journal, 2016, 473, 3639-3654.	1.7	10
1781	Long non-coding RNA & Ditable	0.9	40
1782	Multiple Alu exonization in 3'UTR of a primate specific isoform of CYP20A1 creates a potential miRNA sponge. Genome Biology and Evolution, 2021, 13, .	1.1	8
1783	Long noncoding RNA XIST knockdown suppresses the growth of colorectal cancer cells via regulating microRNA-338-3p/PAX5 axis. European Journal of Cancer Prevention, 2021, 30, 132-142.	0.6	21
1784	LncRNA TUG1 Contributes to Hypoxia-Induced Myocardial Cell Injury Through Downregulating miR-29a-3p in AC16 Cells. Journal of Cardiovascular Pharmacology, 2020, 76, 533-539.	0.8	6
1785	Long Noncoding RNA GAS5, Which Acts as a Tumor Suppressor via microRNA 21, Regulates Cisplatin Resistance Expression in Cervical Cancer. International Journal of Gynecological Cancer, 2017, 27, 1096-1108.	1.2	104
1790	Circular RNA LPAR3 sponges microRNAâ€198 to facilitate esophageal cancer migration, invasion, and metastasis. Cancer Science, 2020, 111, 2824-2836.	1.7	91
1792	APC-activated long noncoding RNA inhibits colorectal carcinoma pathogenesis through reduction of exosome production. Journal of Clinical Investigation, 2019, 129, 727-743.	3.9	114
1793	Uncovering the role of genomic "dark matter―in human disease. Journal of Clinical Investigation, 2012, 122, 1589-1595.	3.9	70
1794	microRNA-206 promotes skeletal muscle regeneration and delays progression of Duchenne muscular dystrophy in mice. Journal of Clinical Investigation, 2012, 122, 2054-2065.	3.9	280

#	Article	IF	Citations
1795	"Snorkeling―for missing players in cancer. Journal of Clinical Investigation, 2012, 122, 2765-2768.	3.9	16
1796	Non-coding RNAs in muscle differentiation and musculoskeletal disease. Journal of Clinical Investigation, 2016, 126, 2021-2030.	3.9	75
1797	Knockdown of MicroRNA-122 Protects H9c2 Cardiomyocytes from Hypoxia-Induced Apoptosis and Promotes Autophagy. Medical Science Monitor, 2017, 23, 4284-4290.	0.5	52
1798	Downregulation of IncRNA X Inactive Specific Transcript (XIST) Suppresses Cell Proliferation and Enhances Radiosensitivity by Upregulating mir-29c in Nasopharyngeal Carcinoma Cells. Medical Science Monitor, 2017, 23, 4798-4807.	0.5	26
1799	Differential Expression Pattern of Exosome Long Non-Coding RNAs (IncRNAs) and MicroRNAs (miRNAs) in Vascular Endothelial Cells Under Heat Stroke. Medical Science Monitor, 2018, 24, 7965-7974.	0.5	24
1800	Long Noncoding RNA (IncRNA) n379519 Promotes Cardiac Fibrosis in Post-Infarct Myocardium by Targeting miR-30. Medical Science Monitor, 2018, 24, 3958-3965.	0.5	35
1801	Long Noncoding RNA Nuclear Enriched Abundant Transcript 1 (NEAT1) Regulates Proliferation, Apoptosis, and Inflammation of Chondrocytes via the miR-181a/Glycerol-3-Phosphate Dehydrogenase 1-Like (GPD1L) Axis. Medical Science Monitor, 2019, 25, 8084-8094.	0.5	20
1802	Probing the Limits to MicroRNA-Mediated Control of Gene Expression. PLoS Computational Biology, 2016, 12, e1004715.	1.5	26
1803	Model-based analysis of competing-endogenous pathways (MACPath) in human cancers. PLoS Computational Biology, 2018, 14, e1006074.	1.5	11
1804	The DMD Locus Harbours Multiple Long Non-Coding RNAs Which Orchestrate and Control Transcription of Muscle Dystrophin mRNA Isoforms. PLoS ONE, 2012, 7, e45328.	1.1	46
1805	A Multi-Exon-Skipping Detection Assay Reveals Surprising Diversity of Splice Isoforms of Spinal Muscular Atrophy Genes. PLoS ONE, 2012, 7, e49595.	1.1	51
1806	Systematic Transcriptome Wide Analysis of IncRNA-miRNA Interactions. PLoS ONE, 2013, 8, e53823.	1.1	402
1807	Cellular Localization and Processing of Primary Transcripts of Exonic MicroRNAs. PLoS ONE, 2013, 8, e76647.	1.1	24
1808	Upregulation of Long Noncoding RNA SPRY4-IT1 Modulates Proliferation, Migration, Apoptosis, and Network Formation in Trophoblast Cells HTR-8SV/neo. PLoS ONE, 2013, 8, e79598.	1.1	87
1809	Dynamic Expression of Long Non-Coding RNAs (IncRNAs) in Adult Zebrafish. PLoS ONE, 2013, 8, e83616.	1.1	92
1810	The Role of Muscle microRNAs in Repairing the Neuromuscular Junction. PLoS ONE, 2014, 9, e93140.	1.1	60
1811	A Polymorphism rs12325489C>T in the LincRNA-ENST00000515084 Exon Was Found to Modulate Breast Cancer Risk via GWAS-Based Association Analyses. PLoS ONE, 2014, 9, e98251.	1.1	36
1812	Natural Selection and Functional Potentials of Human Noncoding Elements Revealed by Analysis of Next Generation Sequencing Data. PLoS ONE, 2015, 10, e0129023.	1.1	7

#	Article	IF	CITATIONS
1813	LncRNA MALAT1 Depressed Chemo-Sensitivity of NSCLC Cells through Directly Functioning on miR-197-3p/p120 Catenin Axis. Molecules and Cells, 2019, 42, 270-283.	1.0	49
1814	LncRNA Promotes the Progression of B-cell Precursor Acute Lymphoblastic Leukemia by Targeting the /CREB Axis. Molecules and Cells, 2020, 43, 718-727.	1.0	10
1815	Non-coding RNA Era is Dawning. SOJ Surgery, 2014, 1, .	0.0	1
1816	Translation is required for miRNAâ€dependent decay of endogenous transcripts. EMBO Journal, 2021, 40, e104569.	3.5	22
1817	SMaRT IncRNA controls translation of a Gâ€quadruplexâ€containing mRNA antagonizing the DHX36 helicase. EMBO Reports, 2020, 21, e49942.	2.0	20
1818	Critical regulation of a NDIME / MEF 2C axis in embryonic stem cell neural differentiation and autism. EMBO Reports, 2020, 21, e50283.	2.0	5
1819	Epigenetic responses and the developmental origins of health and disease. Journal of Endocrinology, 2019, 242, T105-T119.	1.2	152
1820	Regulation of long non-coding RNAs and circular RNAs in spermatogonial stem cells. Reproduction, 2019, 158, R15-R25.	1.1	26
1821	The genetic regulation of skeletal muscle development: insights from chicken studies. Frontiers of Agricultural Science and Engineering, 2017, 4, 295.	0.9	5
1822	Epigenetic Mechanisms of Glioblastoma. , 0, , 43-58.		6
1823	IncRNA-ES3/miR-34c-5p/BMF axis is involved in regulating high-glucose-induced calcification/senescence of VSMCs. Aging, 2019, 11, 523-535.	1.4	57
1824	SP1-induced IncRNA TINCR overexpression contributes to colorectal cancer progression by sponging miR-7-5p. Aging, 2019, 11, 1389-1403.	1.4	52
1825	Long intergenic non-coding LINC00657 regulates tumorigenesis of glioblastoma by acting as a molecular sponge of miR-190a-3p. Aging, 2019, 11, 1456-1470.	1.4	27
1826	LncRNA RP11-670E13.6, interacted with hnRNPH, delays cellular senescence by sponging microRNA-663a in UVB damaged dermal fibroblasts. Aging, 2019, 11, 5992-6013.	1.4	17
1827	CeRNA regulatory network-based analysis to study the roles of noncoding RNAs in the pathogenesis of intrahepatic cholangiocellular carcinoma. Aging, 2020, 12, 1047-1086.	1.4	27
1828	Identifying IncRNA–miRNA–mRNA networks to investigate Alzheimer's disease pathogenesis and therapy strategy. Aging, 2020, 12, 2897-2920.	1.4	89
1829	LncRNA 2310043L19Rik inhibits differentiation and promotes proliferation of myoblast by sponging miR-125a-5p. Aging, 2020, 12, 5625-5639.	1.4	13
1830	Long non-coding RNA AGAP2-AS1 increases the invasiveness of papillary thyroid cancer. Aging, 2020, 12, 18019-18032.	1.4	9

#	Article	IF	Citations
1831	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. Aging, 2020, 12, 25528-25546.	1.4	28
1832	Loss of MYC and E-box3 binding contributes to defective MYC-mediated transcriptional suppression of human MC-let-7a-1~let-7d in glioblastoma. Oncotarget, 2016, 7, 56266-56278.	0.8	4
1833	Dysregulated long intergenic non-coding RNA modules contribute to heart failure. Oncotarget, 2016, 7, 59676-59690.	0.8	22
1834	Long noncoding RNA CCAT1 acts as an oncogene and promotes chemoresistance in docetaxel-resistant lung adenocarcinoma cells. Oncotarget, 2016, 7, 62474-62489.	0.8	78
1835	Long non-coding RNA AK058003, as a precursor of miR-15a, interacts with HuR to inhibit the expression of \hat{I}^3 -synuclein in hepatocellular carcinoma cells. Oncotarget, 2017, 8, 9451-9465.	0.8	24
1836	Prognostic value of abnormally expressed lncRNAs in ovarian carcinoma: a systematic review and meta-analysis. Oncotarget, 2017, 8, 23927-23936.	0.8	27
1837	LncRNA Snhg1, a non-degradable sponge for miR-338, promotes expression of proto-oncogene CST3 in primary esophageal cancer cells. Oncotarget, 2017, 8, 35750-35760.	0.8	75
1838	Long noncoding RNA ROR regulates chemoresistance in docetaxel-resistant lung adenocarcinoma cells via epithelial mesenchymal transition pathway. Oncotarget, 2017, 8, 33144-33158.	0.8	66
1839	miR-133b, a particular member of myomiRs, coming into playing its unique pathological role in human cancer. Oncotarget, 2017, 8, 50193-50208.	0.8	32
1840	Downregulated long noncoding RNA ALDBGALG0000005049 induces inflammation in chicken muscle suffered from selenium deficiency by regulating stearoyl-CoA desaturase. Oncotarget, 2017, 8, 52761-52774.	0.8	16
1841	The prognostic value of long noncoding RNAs in prostate cancer: a systematic review and meta-analysis. Oncotarget, 2017, 8, 57755-57765.	0.8	18
1842	Genome-wide analysis of aberrantly expressed lncRNAs and miRNAs with associated co-expression and ceRNA networks in \hat{I}^2 -thalassemia and hereditary persistence of fetal hemoglobin. Oncotarget, 2017, 8, 49931-49943.	0.8	33
1843	XIST/miR-139 axis regulates bleomycin (BLM)-induced extracellular matrix (ECM) and pulmonary fibrosis through \hat{l}^2 -catenin. Oncotarget, 2017, 8, 65359-65369.	0.8	18
1844	EPMDA: an expression-profile based computational model for microRNA-disease association prediction. Oncotarget, 2017, 8, 87033-87043.	0.8	12
1845	Long noncoding RNA ANRIL indicates a poor prognosis of gastric cancer and promotes tumor growth by epigenetically silencing of miR-99a/miR-449a. Oncotarget, 2014, 5, 2276-2292.	0.8	338
1846	IncRNA PVT1 and its splicing variant function as competing endogenous RNA to regulate clear cell renal cell carcinoma progression. Oncotarget, 2017, 8, 85353-85367.	0.8	55
1847	Long non-coding RNAs associated with non-small cell lung cancer. Oncotarget, 2017, 8, 69174-69184.	0.8	37
1848	SNHG1 promotes cell proliferation by acting as a sponge of miR-145 in colorectal cancer. Oncotarget, 2018, 9, 2128-2139.	0.8	52

#	Article	IF	Citations
1849	A pathophysiological view of the long non-coding RNA world. Oncotarget, 2014, 5, 10976-10996.	0.8	152
1850	Upregulated IncRNA-UCA1 contributes to progression of hepatocellular carcinoma through inhibition of miR-216b and activation of FGFR1/ERK signaling pathway. Oncotarget, 2015, 6, 7899-7917.	0.8	329
1851	The long noncoding RNA TUG1 regulates blood-tumor barrier permeability by targeting miR-144. Oncotarget, 2015, 6, 19759-19779.	0.8	121
1852	LncRNA MALAT1 functions as a competing endogenous RNA to regulate ZEB2 expression by sponging miR-200s in clear cell kidney carcinoma. Oncotarget, 2015, 6, 38005-38015.	0.8	192
1853	E2F1-induced upregulation of long noncoding RNA LINCO0668 predicts a poor prognosis of gastric cancer and promotes cell proliferation through epigenetically silencing of CKIs. Oncotarget, 2016, 7, 23212-23226.	0.8	69
1854	Transcriptional profiling analysis and functional prediction of long noncoding RNAs in cancer. Oncotarget, 2016, 7, 8131-8142.	0.8	49
1855	Lnc-SGK1 induced by <i>Helicobacter pylori</i> infection and highsalt diet promote Th2 and Th17 differentiation in human gastric cancer by SGK1/Jun B signaling. Oncotarget, 2016, 7, 20549-20560.	0.8	58
1856	Ftx non coding RNA-derived miR-545 promotes cell proliferation by targeting RIG-I in hepatocellular carcinoma. Oncotarget, 2016, 7, 25350-25365.	0.8	112
1857	Long non-coding RNAs in heart failure: an obvious lnc. Annals of Translational Medicine, 2016, 4, 182-182.	0.7	19
1858	Non-coding RNAs: the riddle of the transcriptome and their perspectives in cancer. Annals of Translational Medicine, 2018, 6, 241-241.	0.7	90
1859	<p>Long Non-Coding RNA 691 Regulated PTEN/PI3K/AKT Signaling Pathway in Osteosarcoma Through miRNA-9-5p</p> . OncoTargets and Therapy, 2020, Volume 13, 4597-4606.	1.0	14
1860	Long Non-Coding RNAs As Epigenetic Regulators in Cancer. Current Pharmaceutical Design, 2019, 25, 3563-3577.	0.9	98
1861	Long Noncoding RNA: Function and Mechanism on Differentiation of Mesenchymal Stem Cells and Embryonic Stem Cells. Current Stem Cell Research and Therapy, 2019, 14, 259-267.	0.6	7
1862	IncRNA Metastasis-Associated Lung Adenocarcinoma Transcript 1 Promotes Proliferation and Invasion of Non-Small Cell Lung Cancer Cells via Down-Regulating miR-202 Expression. Cell Journal, 2020, 22, 375-385.	0.2	23
1863	Long noncoding RNAs as novel biomarkers for Type 2 diabetes. Biomarkers in Medicine, 2020, 14, 1501-1511.	0.6	3
1864	Non-coding RNA and immune-checkpoint inhibitors: friends or foes?. Immunotherapy, 2020, 12, 513-529.	1.0	16
1865	Non-coding landscapes of colorectal cancer. World Journal of Gastroenterology, 2015, 21, 11709.	1.4	73
1866	Long non-coding RNAs in hepatocellular carcinoma: Potential roles and clinical implications. World Journal of Gastroenterology, 2017, 23, 5860.	1.4	52

#	Article	IF	Citations
1867	LncRNA CR749391 acts as a tumor suppressor to upregulate KLF6 expression via interacting with miR‹181a in gastric cancer. Experimental and Therapeutic Medicine, 2020, 19, 569-578.	0.8	12
1868	Role of lncRNA‑ATB in ovarian cancer and its mechanisms of action. Experimental and Therapeutic Medicine, 2020, 19, 965-971.	0.8	10
1869	Long non‑coding RNA TMPO‑AS1 promotes tumor progression via sponging miR‑140‑5p in breast cancer. Experimental and Therapeutic Medicine, 2020, 21, 1-1.	0.8	8
1870	Downregulation of lncRNA MALAT1 suppresses abnormal proliferation of small intestinal epithelial stem cells through miR‑129‑5p expression in diabetic mice. International Journal of Molecular Medicine, 2020, 45, 1250-1260.	1.8	4
1871	IncRNA LA16câ€'313D11.11 modulates the development of endometrial cancer by binding to and inhibiting microRNAâ€'205â€'5p function and indirectly increasing PTEN activity. International Journal of Oncology, 2020, 57, 355-363.	1.4	6
1872	Expression patterns of regulatory IncRNAs and miRNAs in muscular atrophy models induced by starvation in vitro and in vivo. Molecular Medicine Reports, 2019, 20, 4175-4185.	1.1	8
1873	Long non‑coding RNA Unigene56159 promotes glioblastoma multiforme cell proliferation and invasion through negatively regulating microRNA‑194‑5p. Molecular Medicine Reports, 2020, 21, 768-776.	1.1	2
1874	Cancerâ€'related long noncoding RNAs show aberrant expression profiles and competing endogenous RNA potential in esophageal adenocarcinoma. Oncology Letters, 2019, 18, 4798-4808.	0.8	8
1875	Long non‑coding RNA NPBWR1‑2 affects the development of ovarian cancer via multiple microRNAs. Oncology Letters, 2020, 20, 685-692.	0.8	2
1876	Long noncoding RNA OSER1‑AS1 promotes the malignant properties of non‑small cell lung cancer by sponging microRNA‑433‑3p and thereby increasing Smad2 expression. Oncology Reports, 2020, 44, 599-610.	1.2	16
1877	A frequent somatic mutation in the 3'UTR of GAPDH facilitates the development of ovarian cancer by creating a miR‑125b binding site. Oncology Reports, 2020, 44, 887-896.	1.2	5
1878	IncRNA CASC9 sponges miR‑758‑3p to promote proliferation and EMT in bladder cancer by upregulating TGFâ€Î²2. Oncology Reports, 2020, 45, 265-277.	1.2	25
1879	The role of long non-coding RNAs in cardiac development and disease. AIMS Genetics, 2018, 05, 124-140.	1.9	22
1880	microRNAs and ceRNAs: RNA networks in pathogenesis of cancer. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2013, 25, 235-9.	0.7	63
1881	Evaluation of miR-21 Inhibition and its Impact on Cancer Susceptibility Candidate 2 Long Noncoding RNA in Colorectal Cancer Cell Line. Advanced Biomedical Research, 2018, 7, 14.	0.2	11
1882	Progress in Competing Endogenous RNA and Cancer. Journal of Cancer Therapy, 2015, 06, 622-630.	0.1	6
1883	LINC00703 Acts as a Tumor Suppressor via Regulating miR-181a/KLF6 Axis in Gastric Cancer. Journal of Gastric Cancer, 2019, 19, 460.	0.9	8
1884	Molecular mechanisms of triggering, amplifying and targeting RANK signaling in osteoclasts. World Journal of Orthopedics, 2012, 3, 167.	0.8	32

#	Article	IF	CITATIONS
1885	Post-transcriptional and translational regulation of mRNA-like long non-coding RNAs by microRNAs in early developmental stages of zebrafish embryos. BMB Reports, 2017, 50, 226-231.	1.1	14
1886	MicroRNAs in the key events of systemic lupus erythematosus pathogenesis. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2016, 160, 327-342.	0.2	44
1887	Identification of differentially expressed long non-coding RNAs associated with dilated cardiomyopathy using integrated bioinformatics approaches. Drug Discoveries and Therapeutics, 2020, 14, 181-186.	0.6	5
1888	Safety, Security and Quality: Lessons from GMO Risk Assessments. , 0, , .		1
1889	LncRNA NRON promotes the proliferation, metastasis and EMT process in bladder cancer. Journal of Cancer, 2020, 11, 1751-1760.	1.2	19
1890	Functional Roles of Long Non-coding RNA in Human Breast Cancer. Asian Pacific Journal of Cancer Prevention, 2014, 15, 5993-5997.	0.5	37
1891	Registered report: Coding-independent regulation of the tumor suppressor PTEN by competing endogenous mRNAs. ELife, $2016,5,1$	2.8	43
1892	The long non-coding RNA Cerox1 is a post transcriptional regulator of mitochondrial complex I catalytic activity. ELife, 2019, 8, .	2.8	42
1893	Expression status and clinical significance of lncRNA <i>APPAT</i> in the progression of atherosclerosis. PeerJ, 2018, 6, e4246.	0.9	32
1895	EZH2-mediated epigenetic suppression of lncRNA PCAT18 predicts a poor prognosis and regulates the expression of p16 by interacting with miR-570a-3p in gastric cancer. Journal of Cancer, 2021, 12, 7069-7078.	1.2	8
1896	Overexpression of Long Non-Coding RNA Linc01315 Predicts Poor Prognosis in Breast Cancer. Frontiers in Oncology, 2021, 11, 562378.	1.3	3
1897	IncRNA THAP7-AS1, transcriptionally activated by SP1 and post-transcriptionally stabilized by METTL3-mediated m6A modification, exerts oncogenic properties by improving CUL4B entry into the nucleus. Cell Death and Differentiation, 2022, 29, 627-641.	5.0	84
1898	LncRNA GAPLINC Promotes Renal Cell Cancer Tumorigenesis by Targeting the miR-135b-5p/CSF1 Axis. Frontiers in Oncology, 2021, 11, 718532.	1.3	7
1899	Characterization of Long Non-coding RNAs Modified by m6A RNA Methylation in Skeletal Myogenesis. Frontiers in Cell and Developmental Biology, 2021, 9, 762669.	1.8	9
1900	Long noncoding RNA LINC01410 promotes tumorigenesis of osteosarcoma cells via miRâ€497â€5p/HMGA2 axis. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22921.	1.4	2
1901	Plasma exosomal RNAs have potential as both clinical biomarkers and therapeutic targets of dermatomyositis. Rheumatology, 2022, 61, 2672-2681.	0.9	12
1902	miRNA-Based Ovarian Cancer Diagnosis and Therapy. , 2014, , 115-127.		1
1905	MicroRNA-133: Biomarker and Mediator of Cardiovascular Diseases. , 2015, , 1-33.		0

#	Article	IF	Citations
1907	Dgcr8 is Indispensable for Cardiac Lineage Specification in Embryonic Stem Cells. Journal of Stem Cell Research $\&$ Therapy, 2015, 05, .	0.3	0
1910	Long Noncoding RNAs in Heart Disease. Cardiac and Vascular Biology, 2016, , 297-316.	0.2	1
1913	The Wide and Deep Flexible Neural Tree and Its Ensemble in Predicting Long Non-coding RNA Subcellular Localization. Lecture Notes in Computer Science, 2018, , 515-525.	1.0	2
1921	Long Noncoding RNAs in Cardiovascular Disease. Cardiac and Vascular Biology, 2019, , 199-288.	0.2	1
1922	Circulating non-coding RNAs in recurrent and metastatic ovarian cancer. , 2019, 2, 399-418.		2
1927	Interpreting and integrating big data in non-coding RNA research. Emerging Topics in Life Sciences, 2019, 3, 343-355.	1.1	2
1929	Non-coding RNAs: key regulators of reprogramming, pluripotency, and cardiac cell specification with therapeutic perspective for heart regeneration. Cardiovascular Research, 2022, 118, 3071-3084.	1.8	9
1930	LncRNA THRIL promotes high glucose-induced proliferation and migration of human retina microvascular endothelial cells through enhancing autophagy. Acta Diabetologica, 2022, 59, 369-380.	1.2	4
1931	Intelligent Bio-Responsive Fluorescent Au–shRNA Complexes for Regulated Autophagy and Effective Cancer Bioimaging and Therapeutics. Biosensors, 2021, 11, 425.	2.3	5
1932	Non-Coding RNAs as Regulators of Myogenesis and Postexercise Muscle Regeneration. International Journal of Molecular Sciences, 2021, 22, 11568.	1.8	9
1933	Progress on the Regulation of Ruminant Milk Fat by Noncoding RNAs and ceRNAs. Frontiers in Genetics, 2021, 12, 733925.	1.1	6
1934	Non-coding RNA-mediated autophagy in cancer: A protumor or antitumor factor?. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188642.	3.3	13
1935	LncRNA SNHG15 contributes to doxorubicin resistance of osteosarcoma cells through targeting the miR-381-3p/GFRA1 axis. Open Life Sciences, 2020, 15, 871-883.	0.6	11
1936	Reflections on the Role of Malat1 in Gynecological Cancer. Cancer Management and Research, 2020, Volume 12, 13489-13500.	0.9	9
1937	MiRNA:RBP Interplay as a Key Regulatory Element in Health and Disease. Proceedings of the Singapore National Academy of Science, 2020, 14, 123-143.	0.1	0
1938	Role of miRNAs and IncRNAs in dexamethasone‑induced myotube atrophy <i>inÂvitro</i> . Experimental and Therapeutic Medicine, 2020, 21, 146.	0.8	4
1940	Exploring IncRNA-MRNA Regulatory Modules Based on IncRNA Similarity in Breast Cancer. Lecture Notes in Computer Science, 2020, , 57-66.	1.0	0
1942	lncRNA MEG3 modulates hepatic stellate cell activation by sponging miR‑145 to regulate PPARγ. Molecular Medicine Reports, 2021, 25, .	1.1	7

#	Article	IF	CITATIONS
1943	C-Myc-activated long non-coding RNA LINC01050 promotes gastric cancer growth and metastasis by sponging miR-7161-3p to regulate SPZ1 expression. Journal of Experimental and Clinical Cancer Research, 2021, 40, 351.	3.5	11
1944	The Pathogenic Role of Long Non-coding RNA H19 in Atherosclerosis via the miR-146a-5p/ANGPTL4 Pathway. Frontiers in Cardiovascular Medicine, 2021, 8, 770163.	1.1	20
1945	Long non-coding RNA LUADT1 promotes nasopharyngeal carcinoma cell proliferation and invasion by downregulating miR-1207-5p. Bioengineered, 2021, 12, 10716-10728.	1.4	9
1946	Role of taurine, its haloamines and its lncRNA TUG1 in both inflammation and cancer progression. On the road to therapeutics? (Review). International Journal of Oncology, 2020, 57, 631-664.	1.4	28
1947	Overexpressed IncRNA AC068039.4 Contributes to Proliferation and Cell Cycle Progression of Pulmonary Artery Smooth Muscle Cells Via Sponging miR-26a-5p/TRPC6 in Hypoxic Pulmonary Arterial Hypertension. Shock, 2021, 55, 244-255.	1.0	14
1950	Bruceine D inhibits Cell Proliferation Through Downregulating LINC01667/MicroRNA-138-5p/Cyclin E1 Axis in Gastric Cancer. Frontiers in Pharmacology, 2020, 11, 584960.	1.6	13
1951	Long non-coding RNAs: versatile master regulators of gene expression and crucial players in cancer. American Journal of Translational Research (discontinued), 2012, 4, 127-50.	0.0	141
1952	Non-coding RNAs in DNA damage response. American Journal of Cancer Research, 2012, 2, 658-75.	1.4	14
1953	Down-regulation of long non-coding RNA LET is associated with poor prognosis in gastric cancer. International Journal of Clinical and Experimental Pathology, 2014, 7, 8893-8.	0.5	28
1954	Knockdown of long noncoding RNA SPRY4-IT1 suppresses glioma cell proliferation, metastasis and epithelial-mesenchymal transition. International Journal of Clinical and Experimental Pathology, 2015, 8, 9140-6.	0.5	45
1955	Long non-coding RNA derived miR-205-5p modulates human endometrial cancer by targeting PTEN. American Journal of Translational Research (discontinued), 2015, 7, 2433-41.	0.0	20
1956	MicroRNA-541 promotes the proliferation of vascular smooth muscle cells by targeting IRF7. American Journal of Translational Research (discontinued), 2016, 8, 506-15.	0.0	12
1957	Tanshinol suppresses endothelial cells apoptosis in mice with atherosclerosis via lncRNA TUG1 up-regulating the expression of miR-26a. American Journal of Translational Research (discontinued), 2016, 8, 2981-91.	0.0	51
1958	Long noncoding RNA MHENCR promotes melanoma progression via regulating miR-425/489-mediated PI3K-Akt pathway. American Journal of Translational Research (discontinued), 2017, 9, 90-102.	0.0	44
1959	Exploiting Long Noncoding RNAs as Pharmacological Targets to Modulate Epigenetic Diseases. Yale Journal of Biology and Medicine, 2017, 90, 73-86.	0.2	30
1961	The IncRNA n340790 accelerates carcinogenesis of thyroid cancer by regulating miR-1254. American Journal of Translational Research (discontinued), 2017, 9, 2181-2194.	0.0	22
1962	Long non-coding RNA TUG1 promotes progression of oral squamous cell carcinoma through upregulating FMNL2 by sponging miR-219. American Journal of Cancer Research, 2017, 7, 1899-1912.	1.4	16
1963	LncRNA MALAT1 promotes tumor growth and metastasis by targeting miR-124/foxq1 in bladder transitional cell carcinoma (BTCC). American Journal of Cancer Research, 2018, 8, 748-760.	1.4	30

#	Article	IF	Citations
1964	Exosome-related lncRNAs as predictors of HCC patient survival: a prognostic model. American Journal of Translational Research (discontinued), 2018, 10, 1648-1662.	0.0	16
1965	Long non-coding RNA ANRIL promotes tumorgenesis through regulation of FGFR1 expression by sponging miR-125a-3p in head and neck squamous cell carcinoma. American Journal of Cancer Research, 2018, 8, 2296-2310.	1.4	15
1966	Emerging roles of lncRNA in cancer and therapeutic opportunities. American Journal of Cancer Research, 2019, 9, 1354-1366.	1.4	162
1967	Sp1-induced upregulation of the long noncoding RNA TINCR inhibits cell migration and invasion by regulating miR-107/miR-1286 in lung adenocarcinoma. American Journal of Translational Research (discontinued), 2019, 11, 4761-4775.	0.0	16
1969	Long noncoding RNA XIST participates hypoxia-induced angiogenesis in human brain microvascular endothelial cells through regulating miR-485/SOX7 axis. American Journal of Translational Research (discontinued), 2019, 11, 6487-6497.	0.0	20
1970	Systematic analysis of long non-coding RNA and mRNA profiling using RNA sequencing in the femur and muscle of ovariectomized rats. Journal of Musculoskeletal Neuronal Interactions, 2019, 19, 422-434.	0.1	2
1971	Up-regulated long noncoding RNA AB073614 modulates the tumor cell proliferation, invasion and migration in human colorectal cancer. International Journal of Clinical and Experimental Pathology, 2019, 12, 2849-2857.	0.5	0
1972	Long non-coding RNA CASC9 knockdown inhibits the progression of nasopharyngeal carcinoma by regulating miR-145. International Journal of Clinical and Experimental Pathology, 2019, 12, 4024-4033.	0.5	4
1973	Linc-OIP5 working as a ceRNA of miR-616 promotes PON1 expression in HUEVC cells. International Journal of Clinical and Experimental Pathology, 2020, 13, 730-737.	0.5	2
1974	DLEU2 participates in lymphovascular invasion and inhibits cervical cancer cell proliferation, migration, and invasion. International Journal of Clinical and Experimental Pathology, 2020, 13, 2018-2026.	0.5	0
1975	IncRNA RASSF8‑AS1 suppresses the progression of laryngeal squamous cell carcinoma via targeting the miR‑664b‑3p/TLE1 axis. Oncology Reports, 2020, 44, 2031-2044.	1.2	2
1976	Long noncoding RNA HOXC-AS3 indicates a poor prognosis and regulates tumorigenesis by binding to YBX1 in breast cancer. American Journal of Translational Research (discontinued), 2020, 12, 6335-6350.	0.0	5
1977	IncRNA SNHG17 promotes pancreatic carcinoma progression via cross-talking with miR-942. American Journal of Translational Research (discontinued), 2021, 13, 1037-1050.	0.0	2
1979	Fast and slow myofiber-specific expression profiles are affected by noncoding RNAs in Mongolian horses. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2022, 41, 100942.	0.4	1
1980	Global identification and integrated analysis of heat-responsive long non-coding RNAs in contrasting rice cultivars. Theoretical and Applied Genetics, 2022, 135, 833-852.	1.8	7
1981	Mining sponge phenomena in RNA expression data. Journal of Bioinformatics and Computational Biology, 2021, , 2150022.	0.3	0
1982	<scp>LINC00473 scp>â€modified bone marrow mesenchymal stem cells incorporated thermosensitive <scp>PLGA scp>PLGA scp> hydrogel transplantation for steroidâ€induced osteonecrosis of femoral head: A detailed mechanistic study and validity evaluation. Bioengineering and Translational Medicine, 2022, 7, e10275.</scp></scp>	3.9	10
1983	Unravelling IncRNA mediated gene expression as potential mechanism for regulating secondary metabolism in Citrus limon. Food Bioscience, 2022, 46, 101448.	2.0	9

#	Article	IF	CITATIONS
1984	The genome variation and developmental transcriptome maps reveal genetic differentiation of skeletal muscle in pigs. PLoS Genetics, 2021, 17, e1009910.	1.5	22
1985	LncRNA SFTA1P mediates positive feedback regulation of the Hippo-YAP/TAZ signaling pathway in non-small cell lung cancer. Cell Death Discovery, 2021, 7, 369.	2.0	14
1986	Modular network inference between miRNA–mRNA expression profiles using weighted co-expression network analysis. Journal of Integrative Bioinformatics, 2021, 18, .	1.0	5
1987	E2F4-induced AGAP2-AS1 up-regulation accelerates the progression of colorectal cancer via miR-182-5p/CFL1 axis. Digestive and Liver Disease, 2022, 54, 878-889.	0.4	8
1988	Integrative Analysis of the Expression of microRNA, Long Noncoding RNA, and mRNA in Osteoarthritis and Construction of a Competing Endogenous Network. Biochemical Genetics, 2022, 60, 1141-1158.	0.8	2
1989	An Exploration of Non-Coding RNAs in Extracellular Vesicles Delivered by Swine Anterior Pituitary. Frontiers in Genetics, 2021, 12, 772753.	1.1	3
1990	Histone Lysine Methylation and Long Non-Coding RNA: The New Target Players in Skeletal Muscle Cell Regeneration. Frontiers in Cell and Developmental Biology, 2021, 9, 759237.	1.8	3
1991	Dysregulated circular RNAs and their pathological implications in knee osteoarthritis: potential novel therapeutic targets and diagnostic biomarkers. International Journal of Transgender Health, 2022, 15, 23-49.	1.1	1
1992	Linc1548 Promotes the Transition of Epiblast Stem Cells Into Neural Progenitors by Engaging OCT6 and SOX2. Stem Cells, 2022, 40, 22-34.	1.4	1
1993	Non-coding RNAs-EZH2 regulatory mechanisms in cervical cancer: The current state of knowledge. Biomedicine and Pharmacotherapy, 2022, 146, 112123.	2.5	6
1994	Transcriptome analysis provides insights into differentially expressed long noncoding RNAs between the testis and ovary in golden pompano (Trachinotus blochii). Aquaculture Reports, 2022, 22, 100971.	0.7	2
1995	A chemoresistance IncRNA signature for recurrence risk stratification of colon cancer patients with chemotherapy. Molecular Therapy - Nucleic Acids, 2022, 27, 427-438.	2.3	16
1996	lncRNA RASSF8â€'AS1 suppresses the progression of laryngeal squamous cell carcinoma via targeting the miRâ€'664bâ€'3p/TLE1 axis. Oncology Reports, 2020, 44, 2031-2044.	1.2	10
1998	Applications of noncoding RNAs in renal cancer patients. , 2022, , 211-284.		3
1999	MicroRNAs as epigenetic regulators of orofacial development. Differentiation, 2022, 124, 1-16.	1.0	4
2000	Mapping Intellectual Structure for the Long Non-Coding RNA in Hepatocellular Carcinoma Development Research. Frontiers in Genetics, 2021, 12, 771810.	1.1	5
2001	<scp>PINTology</scp> : A short history of the <scp>lncRNA LINCâ€PINT</scp> in different diseases. Wiley Interdisciplinary Reviews RNA, 2022, 13, e1705.	3.2	11
2003	A Comprehensive Study of miRNAs in Parkinson's Disease: Diagnostics and Therapeutic Approaches. CNS and Neurological Disorders - Drug Targets, 2022, 21, .	0.8	2

#	ARTICLE	IF	CITATIONS
2004	SOX2-OT induced by PAI-1 promotes triple-negative breast cancer cells metastasis by sponging miR-942-5p and activating PI3K/Akt signaling. Cellular and Molecular Life Sciences, 2022, 79, 59.	2.4	22
2005	Engineering synthetic RNA devices for cell control. Nature Reviews Genetics, 2022, 23, 215-228.	7.7	43
2006	IncRNAs in mesenchymal differentiation. American Journal of Physiology - Cell Physiology, 2022, 322, C421-C460.	2.1	2
2007	Identification of Circulating IncRNAs Associated with Gallbladder Cancer Risk by Tissue-Based Preselection, Cis-eQTL Validation, and Analysis of Association with Genotype-Based Expression. Cancers, 2022, 14, 634.	1.7	3
2008	The various regulatory functions of long noncoding RNAs in apoptosis, cell cycle, and cellular senescence. Journal of Cellular Biochemistry, 2022, 123, 995-1024.	1.2	28
2009	DNMT1 facilitates growth of breast cancer by inducing MEG3 hyper-methylation. Cancer Cell International, 2022, 22, 56.	1.8	18
2010	Screening and Conjoint Analysis of Key IncRNAs for Milk Fat Metabolism in Dairy Cows. Frontiers in Genetics, 2022, 13, 772115.	1.1	9
2011	Effects of Long Noncoding RNA TUG1 (Taurine Up-Regulated Gene 1) on Growth and Metastasis of the Non-Small Cell Lung Cancer and Its Mechanism. Journal of Biomaterials and Tissue Engineering, 2022, 12, 701-710.	0.0	0
2012	Detecting <scp>RNA–RNA</scp> interactome. Wiley Interdisciplinary Reviews RNA, 2022, 13, e1715.	3.2	15
2013	The Competitive Endogenous RNA (ceRNA) Regulation in Porcine Alveolar Macrophages (3D4/21) Infected by Swine Influenza Virus (H1N1 and H3N2). International Journal of Molecular Sciences, 2022, 23, 1875.	1.8	6
2014	Epithelial cells-enriched IncRNA SNHG8 regulates chromatin condensation by binding to Histone H1s. Cell Death and Differentiation, 2022, 29, 1569-1581.	5.0	8
2015	Role of epigenetics in parturition and preterm birth. Biological Reviews, 2022, 97, 851-873.	4.7	3
2016	Long non-coding RNA H19 modulates proliferation and apoptosis in osteoarthritis via regulating miR-106a-5p. Journal of Biosciences, 2019, 44, .	0.5	8
2017	An analysis of IncRNA-miRNA-mRNA networks to investigate the effects of HDAC4 inhibition on skeletal muscle atrophy caused by peripheral nerve injury. Annals of Translational Medicine, 2022, 10, 516-516.	0.7	3
2018	Fusobacterium Nucleatum Upregulate <i>NEAT1</i> /miR-374a-5p Axis Promote Colorectal Angiogenesis via VEGFA. SSRN Electronic Journal, 0, , .	0.4	0
2019	LncRNA GAS5 enhances tumor stem cell-like medicated sensitivity of paclitaxel and inhibits epithelial-to-mesenchymal transition by targeting the miR-18a-5p/STK4 pathway in prostate cancer. Asian Journal of Andrology, 2022, .	0.8	4
2020	LncRNA Biomarkers of Inflammation and Cancer. Advances in Experimental Medicine and Biology, 2022, 1363, 121-145.	0.8	15
2022	The novel lncRNA GPC5-AS1 stabilizes GPC5 mRNA by competitively binding with miR-93/106a to suppress gastric cancer cell proliferation. Aging, 2022, 14, 1767-1781.	1.4	7

#	Article	IF	CITATIONS
2023	Differentially Expressed Circular RNAs in Degenerative Diseases Related to Low Back Pain: Potential of Circular RNAs as Biomarkers. Genetic Testing and Molecular Biomarkers, 2022, 26, 51-58.	0.3	0
2024	Crucial Roles of miR-625 in Human Cancer. Frontiers in Medicine, 2022, 9, 845094.	1.2	3
2025	The functional significance and cross-talk of non-coding RNAs in triple negative and quadruple negative breast cancer. Molecular Biology Reports, 2022 , , 1 .	1.0	3
2026	TNF-α Induced Myotube Atrophy in C2C12 Cell Line Uncovers Putative Inflammatory-Related IncRNAs Mediating Muscle Wasting. International Journal of Molecular Sciences, 2022, 23, 3878.	1.8	1
2027	Roles of lncRNAs in the transcription regulation of HIV-1. Biomedical Journal, 2022, 45, 580-593.	1.4	13
2028	Linc-RAM promotes muscle cell differentiation via regulating glycogen phosphorylase activity. Cell Regeneration, 2022, 11, 8.	1.1	2
2029	Evolutionary divergence of Firre localization and expression. Rna, 2022, , rna.079070.121.	1.6	8
2030	LncRNA-miRNA-mRNA Network Analysis Reveals the Potential Biomarkers in Crohn's Disease Rats Treated with Herb-Partitioned Moxibustion. Journal of Inflammation Research, 2022, Volume 15, 1699-1716.	1.6	9
2031	Dysregulation of the HOTAIR-miR-152-CAMKIIα Axis in Craniosynostosis Results in Impaired Osteoclast Differentiation. Frontiers in Genetics, 2022, 13, 787734.	1.1	4
2032	Long non-coding RNA LINC00680 functions as a ceRNA to promote esophageal squamous cell carcinoma progression through the miR-423-5p/PAK6 axis. Molecular Cancer, 2022, 21, 69.	7.9	51
2033	Overexpression of lncRNA SLC16A1-AS1 Suppresses the Growth and Metastasis of Breast Cancer via the miR-552-5p/WIF1 Signaling Pathway. Frontiers in Oncology, 2022, 12, 712475.	1.3	1
2034	Identification of IncRNAs and Their Regulatory Relationships with mRNAs in Response to Cryptococcus neoformans Infection of THP-1 Cells. BioMed Research International, 2022, 2022, 1-13.	0.9	1
2035	Comprehensive Transcriptome Analysis Reveals the Role of IncRNA in Fatty Acid Metabolism in the Longissimus Thoracis Muscle of Tibetan Sheep at Different Ages. Frontiers in Nutrition, 2022, 9, 847077.	1.6	4
2036	The IncRNA Tincr Regulates the Abnormal Differentiation of Intestinal Epithelial Stem Cells in the Diabetic State <i>Via</i> the miR-668-3p/Klf3 Axis. Current Stem Cell Research and Therapy, 2023, 18, 105-114.	0.6	1
2037	Long Non-Coding RNAs in Cardiac Hypertrophy. Frontiers in Molecular Medicine, 2022, 2, .	0.6	0
2038	Myogenesis controlled by a long non-coding RNA 1700113A16RIK and post-transcriptional regulation. Cell Regeneration, 2022, 11, 13.	1.1	1
2039	Long Noncoding RNAs in CNS Myelination and Disease. Neuroscientist, 2022, , 107385842210839.	2.6	1
2040	Zooming in on Long Non-Coding RNAs in Ewing Sarcoma Pathogenesis. Cells, 2022, 11, 1267.	1.8	5

#	ARTICLE	IF	CITATIONS
2041	Long noncoding RNA HOXD-AS1 promotes the progression of pancreatic cancer through miR-664b-3p/PLAC8 axis. Pathology Research and Practice, 2022, 232, 153836.	1.0	1
2042	Analysis of the long non-coding RNA and mRNA expression profiles associated with lidocaine-induced neurotoxicity in the spinal cord of a rat model. NeuroToxicology, 2022, 90, 88-101.	1.4	3
2043	The expression, function, and coding potential of circular RNA circEDC3 in chicken skeletal muscle development. Journal of Integrative Agriculture, 2022, 21, 1444-1456.	1.7	3
2044	LncRNA UCA1/miR-182-5p/MGMT axis modulates glioma cell sensitivity to temozolomide through MGMT-related DNA damage pathways. Human Pathology, 2022, 123, 59-73.	1.1	11
2045	MALAT1 enhances gemcitabine resistance in non-small cell lung cancer cells by directly affecting miR-27a-5p/PBOV1 axis. Cellular Signalling, 2022, 94, 110326.	1.7	7
2046	An RNA–RNA crosstalk network involving HMGB1 and RICTOR facilitates hepatocellular carcinoma tumorigenesis by promoting glutamine metabolism and impedes immunotherapy by PD-L1+ exosomes activity. Signal Transduction and Targeted Therapy, 2021, 6, 421.	7.1	48
2047	The exercise-induced long noncoding RNA <i>CYTOR</i> promotes fast-twitch myogenesis in aging. Science Translational Medicine, 2021, 13, eabc7367.	5 . 8	19
2048	ETV5-mediated upregulation of lncRNA CTBP1-DT as a ceRNA facilitates HGSOC progression by regulating miR-188-5p/MAP3K3 axis. Cell Death and Disease, 2021, 12, 1146.	2.7	9
2049	Advanced platelet-rich fibrin extract treatment promotes the proliferation and differentiation of Human Adipose-Derived Mesenchymal Stem Cells through activation of tryptophan metabolism. Current Stem Cell Research and Therapy, 2021, 16, .	0.6	2
2050	Comprehensive Analysis of mRNA, IncRNA, circRNA, and miRNA Expression Profiles and Their ceRNA Networks in the Longissimus Dorsi Muscle of Cattle-Yak and Yak. Frontiers in Genetics, 2021, 12, 772557.	1.1	20
2051	LncRNA LINC00667 aggravates the progression of hepatocellular carcinoma by regulating androgen receptor expression as a miRNA-130a-3p sponge. Cell Death Discovery, 2021, 7, 387.	2.0	15
2052	RKIP Pleiotropic Activities in Cancer and Inflammatory Diseases: Role in Immunity. Cancers, 2021, 13, 6247.	1.7	5
2053	GBDTLRL2D Predicts LncRNA–Disease Associations Using MetaGraph2Vec and K-Means Based on Heterogeneous Network. Frontiers in Cell and Developmental Biology, 2021, 9, 753027.	1.8	2
2054	Dynamics of Known Long Non-Coding RNAs during the Maternal-to-Zygotic Transition in Rabbit. Animals, 2021, 11, 3592.	1.0	3
2055	miR-320 regulates myogenesis by targeting growth factor receptor-bound protein-2 and ameliorates myotubes atrophy. International Journal of Biochemistry and Cell Biology, 2022, , 106212.	1.2	4
2056	Long noncoding RNA BMPR1B-AS1 facilitates endometrial cancer cell proliferation and metastasis by sponging miR-7-2-3p to modulate the DCLK1/Akt/NF-ÎB pathway. Cell Cycle, 2022, 21, 1599-1618.	1.3	14
2057	Identification and characterization of long non-coding RNAs in juvenile and adult skeletal muscle of largemouth bass (Micropterus salmoides). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2022, 261, 110748.	0.7	0
2173	Genome-Wide Identification and Functional Characterization of Noncoding RNAs (ncRNAs) Differentially Expressed During Insect Development. Methods in Molecular Biology, 2022, 2360, 1-8.	0.4	0

#	Article	IF	CITATIONS
2176	LncR-133a Suppresses Myoblast Differentiation by Sponging miR-133a-3p to Activate the FGFR1/ERK1/2 Signaling Pathway in Goats. Genes, 2022, 13, 818.	1.0	4
2177	Study on Circulating IncRNA Expression Profile in Patients with Cerebral Infarction. Disease Markers, 2022, 2022, 1-11.	0.6	2
2178	Identification of an interactome network between lncRNAs and miRNAs in thyroid cancer reveals SPTY2D1-AS1 as a new tumor suppressor. Scientific Reports, 2022, 12, 7706.	1.6	6
2179	Establishment of a Cell Necroptosis Index to Predict Prognosis and Drug Sensitivity for Patients With Triple-Negative Breast Cancer. Frontiers in Molecular Biosciences, 2022, 9, .	1.6	28
2180	SPINNAKER: an R-based tool to highlight key RNA interactions in complex biological networks. BMC Bioinformatics, 2022, 23, 166.	1.2	2
2181	The Emerging Role of Long Non-Coding RNAs in Esophageal Cancer: Functions in Tumorigenesis and Clinical Implications. Frontiers in Pharmacology, 2022, 13, .	1.6	4
2182	Time-Series Clustering of IncRNA-mRNA Expression during the Adipogenic Transdifferentiation of Porcine Skeletal Muscle Satellite Cells. Current Issues in Molecular Biology, 2022, 44, 2038-2053.	1.0	4
2183	MiR-144 regulates adipogenesis by mediating formation of C/EBPα-FOXO1 protein complex. Biochemical and Biophysical Research Communications, 2022, 612, 126-133.	1.0	2
2184	Targeted inhibition of the expression of both MCM5 and MCM7 by miRNA-214 impedes DNA replication and tumorigenesis in hepatocellular carcinoma cells. Cancer Letters, 2022, 539, 215677.	3.2	12
2185	Differential Expression of Long Noncoding RNAs in Murine Myoblasts After Short Hairpin RNA-Mediated Dysferlin Silencing In Vitro: Microarray Profiling. JMIR Bioinformatics and Biotechnology, 2022, 3, e33186.	0.4	0
2186	Genome-Wide Identification and Characterization of Long Non-Coding RNAs in Longissimus dorsi Skeletal Muscle of Shandong Black Cattle and Luxi Cattle. Frontiers in Genetics, 2022, 13, .	1.1	3
2187	New long-non coding RNAs related to fat deposition based on pig model. Annals of Animal Science, 2022, 22, 1211-1224.	0.6	3
2188	Genome-Wide Identification and Characterization of Long Non-Coding RNAs in Embryo Muscle of Chicken. Animals, 2022, 12, 1274.	1.0	1
2189	Long noncoding RNA KCNQ1OT1 inhibits osteoclast differentiation by regulating the miR-128-3p/NFAT5 axis. Aging, 2022, 14, 4486-4499.	1.4	4
2190	Natural antisense RNA Foxk1-AS promotes myogenic differentiation by inhibiting Foxk1 activity. Cell Communication and Signaling, 2022, 20, .	2.7	0
2191	MALAT1 IncRNA and Parkinson's Disease: TheÂrole in the Pathophysiology and Significance for Diagnostic and Therapeutic Approaches. Molecular Neurobiology, 2022, 59, 5253-5262.	1.9	16
2192	Transcriptomic Analysis of Long Non-coding RNA-MicroRNA-mRNA Interactions in the Nucleus Accumbens Related to Morphine Addiction in Mice. Frontiers in Psychiatry, 2022, 13, .	1.3	1
2194	MAPK1 Is Regulated by LOC102188416/miR-143-3p Axis in Dairy Goat Mammary Epithelial Cells. Genes, 2022, 13, 1013.	1.0	5

#	Article	IF	CITATIONS
2195	Long Noncoding RNA SCIRT Promotes HUVEC Angiogenesis via Stabilizing VEGFA mRNA Induced by Hypoxia. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-14.	1.9	4
2196	Mechanisms and functions of long noncoding RNAs in intervertebral disc degeneration. Pathology Research and Practice, 2022, 235, 153959.	1.0	4
2197	The long noncoding RNA LTCONS5539 up-regulates the TRAF6-mediated immune responses in miluy croaker (Milchthys miluy). Fish and Shellfish Immunology, 2022, 126, 263-270.	1.6	3
2198	LncRNA-m18as1 competitively binds with miR-18a-5p to regulate follicle-stimulating hormone secretion through the Smad2/3 pathway in rat primary pituitary cells. Journal of Zhejiang University: Science B, 2022, 23, 502-514.	1.3	3
2199	LncRNA <i>OIP5-AS1-</i> directed miR-7 degradation promotes MYMX production during human myogenesis. Nucleic Acids Research, 2022, 50, 7115-7133.	6.5	10
2200	Identification of Dezhou donkey muscle development-related genes and long non-coding RNA based on differential expression analysis. Animal Biotechnology, 0 , , 1 - 1 1.	0.7	1
2201	Immune Dysfunction Mediated by the ceRNA Regulatory Network in Human Placenta Tissue of Intrahepatic Cholestasis Pregnancy. Frontiers in Immunology, 0, 13, .	2.2	5
2202	Regulation of Non-Coding RNA in the Growth and Development of Skeletal Muscle in Domestic Chickens. Genes, 2022, 13, 1033.	1.0	8
2203	The role of lncRNA-mediated ceRNA regulatory networks in pancreatic cancer. Cell Death Discovery, 2022, 8, .	2.0	50
2204	Long non-coding RNA LOC644135 is a potential prognostic indicator in cytogenetically normal acute myeloid leukemia. Expert Review of Hematology, 0, , 1-9.	1.0	1
2205	A multifunctional locus controls motor neuron differentiation through short and long noncoding RNAs. EMBO Journal, 2022, 41, .	3.5	8
2206	Lockd promotes myoblast proliferation and muscle regeneration via binding with DHX36 to facilitate 5′ UTR rG4 unwinding and Anp32e translation. Cell Reports, 2022, 39, 110927.	2.9	7
2207	Recent Deep Learning Methodology Development for RNA–RNA Interaction Prediction. Symmetry, 2022, 14, 1302.	1.1	2
2208	Novel insights into m ⁶ A modification of coding and non-coding RNAs in tumor biology: From molecular mechanisms to therapeutic significance. International Journal of Biological Sciences, 2022, 18, 4432-4451.	2.6	13
2209	EBF1-mediated up-regulation of lncRNA FGD5-AS1 facilitates osteosarcoma progression by regulating miR-124-3p/G3BP2 axis as a ceRNA. Journal of Orthopaedic Surgery and Research, 2022, 17, .	0.9	7
2210	CircRNA-3302 promotes endothelial-to-mesenchymal transition via sponging miR-135b-5p to enhance KIT expression in Kawasaki disease. Cell Death Discovery, 2022, 8, .	2.0	2
2211	MicroRNAs in Dystrophinopathy. International Journal of Molecular Sciences, 2022, 23, 7785.	1.8	5
2212	Roles of circular RNAs in regulating the development of glioma. Journal of Cancer Research and Clinical Oncology, 0, , .	1.2	0

#	Article	IF	CITATIONS
2213	The Functional Role of Long Non-Coding RNA in Myogenesis and Skeletal Muscle Atrophy. Cells, 2022, 11, 2291.	1.8	10
2214	MicroRNAs and other noncoding RNAs in human pathology. , 2022, , 469-489.		0
2215	LncRNA GAS5 Knockdown Mitigates Hepatic Lipid Accumulation via Regulating MiR-26a-5p/PDE4B to Activate cAMP/CREB Pathway. Frontiers in Endocrinology, 0, 13 , .	1.5	9
2216	Xiaotan Sanjie Decoction Inhibits Gastric Cancer Cell Proliferation, Migration, and Invasion through IncRNA-ATB and miR-200A. BioMed Research International, 2022, 2022, 1-12.	0.9	2
2217	Whole genome analysis reveals the genomic complexity in metastatic cutaneous squamous cell carcinoma. Frontiers in Oncology, 0, 12 , .	1.3	7
2218	The role of LncRNA MCM3AP-AS1 in human cancer. Clinical and Translational Oncology, 0, , .	1.2	5
2219	An Overview of the Advances in Research on the Molecular Function and Specific Role of Circular RNA in Cardiovascular Diseases. BioMed Research International, 2022, 2022, 1-10.	0.9	5
2220	The Whole-transcriptome Landscape of Diabetes-related Sarcopenia Reveals the Specific Function of Novel IncRNA Gm20743. Communications Biology, 2022, 5, .	2.0	6
2221	Coding and Noncoding Genes Involved in Atrophy and Compensatory Muscle Growth in Nile Tilapia. Cells, 2022, 11, 2504.	1.8	1
2222	Function of the Long Noncoding RNAs in Hepatocellular Carcinoma: Classification, Molecular Mechanisms, and Significant Therapeutic Potentials. Bioengineering, 2022, 9, 406.	1.6	2
2223	The interplay of long noncoding RNAs and hepatitis B virus. Journal of Medical Virology, 2023, 95, .	2.5	7
2224	Emerging Role of Long Non‑coding RNAs in Asthma. Combinatorial Chemistry and High Throughput Screening, 2023, 26, 247-255.	0.6	4
2225	Involvement of long non-coding RNAs in pear fruit senescence under high- and low-temperature conditions. Horticultural Plant Journal, 2023, 9, 224-236.	2.3	3
2226	Regulation of myogenic gene expression. Experimental Cell Research, 2022, 419, 113299.	1.2	19
2227	LINCO0511 Regulates miRNAs to Promote Cancer Progression. Advances in Clinical Medicine, 2022, 12, 6953-6962.	0.0	0
2228	Diagnostic and prognostic value of long noncoding RNAs in sepsis: a systematic review and meta-analysis. Expert Review of Molecular Diagnostics, 2022, 22, 821-831.	1.5	3
2229	LncRNA GAS5 represses stemness and malignancy of gliomas via elevating the SPACA6-miR-125a/let-7e Axis. Frontiers in Oncology, 0, 12, .	1.3	0
2230	Emerging Roles of miRNA, IncRNA, circRNA, and Their Cross-Talk in Pituitary Adenoma. Cells, 2022, 11, 2920.	1.8	4

#	Article	IF	CITATIONS
2232	Knockdown of Long Noncoding RNA 01124 Inhibits the Malignant Behaviors of Colon Cancer Cells via miR-654-5p/HAX-1. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-10.	0.5	4
2233	Regulatory mechanisms and function of hypoxia-induced long noncoding RNA NDRG1-OT1 in breast cancer cells. Cell Death and Disease, 2022, 13 , .	2.7	3
2235	Targeting non-coding RNA family members with artificial endonuclease XNAzymes. Communications Biology, 2022, 5, .	2.0	5
2236	A Novel Strategy for Identifying NSCLC MicroRNA Biomarkers and Their Mechanism Analysis Based on a Brand-New CeRNA-Hub-FFL Network. International Journal of Molecular Sciences, 2022, 23, 11303.	1.8	0
2237	Characterization of lncRNA/circRNA-miRNA-mRNA network to reveal potential functional ceRNAs in the skeletal muscle of chicken. Frontiers in Physiology, $0,13,.$	1.3	3
2238	A novel ceRNA regulatory network involving the long noncoding NEAT1, miRNA-466f-3p and its mRNA target in osteoblast autophagy and osteoporosis. Journal of Molecular Medicine, 2022, 100, 1629-1646.	1.7	4
2239	SUBATOMIC: a SUbgraph BAsed mulTi-OMIcs clustering framework to analyze integrated multi-edge networks. BMC Bioinformatics, 2022, 23, .	1.2	5
2241	Mesenchymal Stem Cells May Alleviate the Intervertebral Disc Degeneration by Reducing the Oxidative Stress in Nucleus Pulposus Cells. Stem Cells International, 2022, 2022, 1-14.	1.2	1
2242	Roles of super enhancers and enhancer RNAs in skeletal muscle development and disease. Cell Cycle, 2023, 22, 495-505.	1.3	1
2243	Recent advances in targeted delivery of non-coding RNA-based therapeutics for atherosclerosis. Molecular Therapy, 2022, 30, 3118-3132.	3.7	15
2244	Long noncoding RNA <i>lncMREF</i> promotes myogenic differentiation and muscle regeneration by interacting with the Smarca5/p300 complex. Nucleic Acids Research, 2022, 50, 10733-10755.	6.5	11
2245	Lnc-SELPLG-2:1 enhanced osteosarcoma oncogenesis via hsa-miR-10a-5p and the BTRC cascade. BMC Cancer, 2022, 22, .	1.1	O
2246	Identification of critical <scp>IncRNAs</scp> for milk fat metabolism in dairy cows using <scp>WGCNA</scp> and the construction of a <scp>ceRNAs</scp> network. Animal Genetics, 2022, 53, 740-760.	0.6	4
2247	RNA-sequencing analysis reveals the long noncoding RNA profile in the mouse myopic retina. Frontiers in Genetics, 0, 13 , .	1.1	3
2248	Transcriptome-Wide IncRNA and mRNA Profiling of Spleens from Meishan Pigs at Different Development Stages. Animals, 2022, 12, 2676.	1.0	1
2249	Linc-RAM is a metabolic regulator of maintaining whole-body energy homeostasis in mice. Acta Biochimica Et Biophysica Sinica, 2022, , .	0.9	0
2250	Identification and Characterization of IncRNAs Expression Profile Related to Goat Skeletal Muscle at Different Development Stages. Animals, 2022, 12, 2683.	1.0	0
2252	Navigating the Multiverse of Antisense RNAs: The Transcription- and RNA-Dependent Dimension. Non-coding RNA, 2022, 8, 74.	1.3	7

#	Article	IF	CITATIONS
2253	LncRNA ANRIL-mediated miR- $181b-5p/S1PR1$ axis is involved in the progression of uremic cardiomyopathy through activating T cells. Scientific Reports, 2022, 12, .	1.6	2
2254	The emerging regulatory mechanisms and biological function of circular RNAs in skeletal muscle development. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2022, 1865, 194888.	0.9	4
2255	Mysterious long noncoding RNAs and their relationships to human disease. Frontiers in Molecular Biosciences, $0, 9, .$	1.6	2
2256	Role of IncRNA Has2os in Skeletal Muscle Differentiation and Regeneration. Cells, 2022, 11, 3497.	1.8	3
2257	LncRNA MIR144HG-derived miR-144 suppresses antibacterial signaling and facilitates bacteria escape in fish., 2023, 2, 100093.		1
2258	RasGRP1 promotes the acute inflammatory response and restricts inflammation-associated cancer cell growth. Nature Communications, 2022, 13, .	5.8	6
2259	Transcriptome-Wide Study of mRNAs and IncRNAs Modified by m6A RNA Methylation in the Longissimus Dorsi Muscle Development of Cattle-Yak. Cells, 2022, 11, 3654.	1.8	2
2260	Research progress on pyroptosis-mediated immune-inflammatory response in ischemic stroke and the role of natural plant components as regulator of pyroptosis: A review. Biomedicine and Pharmacotherapy, 2023, 157, 113999.	2.5	4
2261	A Novel IncRNA SAAL Suppresses IAV Replication by Promoting Innate Responses. Microorganisms, 2022, 10, 2336.	1.6	2
2262	The effect of SNPs in lncRNA as ceRNA on the risk and prognosis of hepatocellular carcinoma. BMC Genomics, 2022, 23, .	1.2	1
2263	Enhanced myogenesis through <i>lncFAM</i> -mediated recruitment of HNRNPL to the <i>MYBPC2</i> promoter. Nucleic Acids Research, 2022, 50, 13026-13044.	6.5	2
2264	Role of microRNA-34b-5p in cancer and injury: how does it work?. Cancer Cell International, 2022, 22, .	1.8	2
2265	Unveiling the Vital Role of Long Non-Coding RNAs in Cardiac Oxidative Stress, Cell Death, and Fibrosis in Diabetic Cardiomyopathy. Antioxidants, 2022, 11, 2391.	2.2	4
2266	Non-Coding RNAs in the Regulation of Hippocampal Neurogenesis and Potential Treatment Targets for Related Disorders. Biomolecules, 2023, 13, 18.	1.8	7
2267	Regulation of muscle stem cell fate. Cell Regeneration, 2022, 11, .	1.1	1
2268	The role of miRNA and IncRNA in heterotopic ossification pathogenesis. Stem Cell Research and Therapy, 2022, 13, .	2.4	3
2269	LncRNA BBOX1â€AS1 targets miRâ€361â€3p/COL1A1 axis to drive the progression of oesophageal carcinoma. European Journal of Clinical Investigation, 2023, 53, .	1.7	5
2270	GraphLncLoc: long non-coding RNA subcellular localization prediction using graph convolutional networks based on sequence to graph transformation. Briefings in Bioinformatics, 2023, 24, .	3.2	11

#	Article	IF	CITATIONS
2271	Effects of feeding restriction on skeletal muscle development and functional analysis of <i>TNNI1</i> in New Zealand white rabbits. Animal Biotechnology, 2023, 34, 4435-4447.	0.7	4
2272	LINC00536 Promotes Breast Cancer Progression by Regulating ROCK1 via Sponging of miR-214-5p. Biochemical Genetics, 2023, 61, 1163-1184.	0.8	2
2274	SMN promotes mitochondrial metabolic maturation during myogenesis by regulating the MYOD-miRNA axis. Life Science Alliance, 2023, 6, e202201457.	1.3	6
2275	17Î ² -estradiol suppresses H2O2-induced senescence in human umbilical vein endothelial cells by inducing autophagy through the PVT1/miR-31/SIRT3 axis. Journal of Steroid Biochemistry and Molecular Biology, 2023, 227, 106244.	1.2	4
2276	Pathogenesis of bronchopulmonary dysplasia in preterm neonates revealed by an RNA sequencing interaction network analysis. Translational Pediatrics, 2022, 11, 2004-2015.	0.5	0
2277	How Does Lncrna Regulation Impact Cancer Metastasis. , 0, , .		0
2278	Long Non-Coding RNA GAS5 Promotes BAX Expression by Competing with microRNA-128-3p in Response to 5-Fluorouracil. Biomedicines, 2023, 11, 58.	1.4	1
2279	Noncoding RNA Regulation of Hormonal and Metabolic Systems in the Fruit Fly Drosophila. Metabolites, 2023, 13, 152.	1.3	1
2280	Incfos/miR-212-5p/CASP7 Axis-Regulated miR-212-5p Protects the Brain Against Ischemic Damage. Molecular Neurobiology, 2023, 60, 2767-2785.	1.9	1
2281	Lnc_000048 Promotes Histone H3K4 Methylation of MAP2K2 to Reduce Plaque Stability by Recruiting KDM1A in Carotid Atherosclerosis. Molecular Neurobiology, 2023, 60, 2572-2586.	1.9	4
2283	HuR Promotes the Differentiation of Goat Skeletal Muscle Satellite Cells by Regulating Myomaker mRNA Stability. International Journal of Molecular Sciences, 2023, 24, 6893.	1.8	1
2284	The role of long non-coding RNAs in the development of adipose cells. Non-coding RNA Research, 2023, 8, 255-262.	2.4	2
2285	The non-coding genome in Autism Spectrum Disorders. European Journal of Medical Genetics, 2023, 66, 104752.	0.7	1
2286	Determinants of Functional MicroRNA Targeting. Molecules and Cells, 2023, 46, 21-32.	1.0	4
2287	LncRNA TINCR impairs the efficacy of immunotherapy against breast cancer by recruiting DNMT1 and downregulating MiR-199a-5p via the STAT1–TINCR-USP20-PD-L1 axis. Cell Death and Disease, 2023, 14, .	2.7	19
2288	M6A Promotes Colorectal Cancer Progression via Regulating the miR-27a-3p/BTG2 Pathway. Journal of Oncology, 2023, 2023, 1-11.	0.6	0
2289	Epigenetic regulation in hematopoiesis and its implications in the targeted therapy of hematologic malignancies. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	20
2290	A cytosine-patch sequence motif identified in the conserved region of lincRNA-p21 interacts with the KH3 domain of hnRNPK. Current Research in Structural Biology, 2023, 5, 100099.	1.1	0

#	ARTICLE	IF	CITATIONS
2291	EGR1 drives cell proliferation by directly stimulating TFEB transcription in response to starvation. PLoS Biology, 2023, 21, e3002034.	2.6	4
2292	Approaches for Modes of Action Study of Long Non-Coding RNAs: From Single Verification to Genome-Wide Determination. International Journal of Molecular Sciences, 2023, 24, 5562.	1.8	1
2293	The eTM–miR858– <i>MYB62à€like</i> module regulates anthocyanin biosynthesis under lowâ€nitrogen conditions in <i>Malus spectabilis</i> . New Phytologist, 2023, 238, 2524-2544.	3.5	10
2294	Systematic Characterization and Regulatory Role of IncRNAs in Asian Honey Bees Responding to Microsporidian Infestation. International Journal of Molecular Sciences, 2023, 24, 5886.	1.8	2
2295	Junâ€mediated lncRNAâ€IMS promotes the meiosis of chicken spermatogonial stem cells via ggaâ€miRâ€31â€5p/stra8. Molecular Reproduction and Development, 0, , .	1.0	0
2296	Identification of shared fatty acid metabolism related signatures in dilated cardiomyopathy and myocardial infarction. Future Science OA, 2023, 9, .	0.9	1
2297	Transcriptome Analysis Reveals the Profile of Long Non-Coding RNAs during Myogenic Differentiation in Goats. International Journal of Molecular Sciences, 2023, 24, 6370.	1.8	0
2298	Long noncoding RNAs: biogenesis, regulation, function, and their emerging significance in toxicology. Toxicology Mechanisms and Methods, 2023, 33, 541-551.	1.3	1
2299	LncAABR07053481 inhibits bone marrow mesenchymal stem cell apoptosis and promotes repair following steroid-induced avascular necrosis. Communications Biology, 2023, 6, .	2.0	2
2300	Connection of Cancer Exosomal LncRNAs, Sponging miRNAs, and Exosomal Processing and Their Potential Modulation by Natural Products. Cancers, 2023, 15, 2215.	1.7	2
2302	New progress in the role of microRNAs in the diagnosis and prognosis of triple negative breast cancer. Frontiers in Molecular Biosciences, $0,10,10$	1.6	4
2303	Long non‑coding RNA BLACAT2/miR‑378a‑3p/YY1 feedback loop promotes the proliferation, migration and invasion of uterine corpus endometrial carcinoma. Oncology Reports, 2023, 49, .	1.2	1
2304	LncRNA LINC02574 Inhibits Influenza A Virus Replication by Positively Regulating the Innate Immune Response. International Journal of Molecular Sciences, 2023, 24, 7248.	1.8	1
2305	Whole-transcriptome sequencing analysis reveal mechanisms of Yiqi Huoxue Yangyin (YHY) decoction in ameliorating D-gal-induced cardiac aging. Aging, 0, , .	1.4	0
2306	Deciphering STAT3 signaling potential in hepatocellular carcinoma: tumorigenesis, treatment resistance, and pharmacological significance. Cellular and Molecular Biology Letters, 2023, 28, .	2.7	8
2310	Nuclear Architecture and Transcriptional Regulation of MicroRNAs. , 2023, , 973-1006.		O
2311	Regulation of Bone Homeostasis and Regeneration by MicroRNAs., 2023,, 741-770.		0
2312	MicroRNAs in Skeletal Muscle Differentiation. , 2015, , 341-368.		0

#	Article	IF	CITATIONS
2313	MicroRNAs in Tissue Engineering and Regenerative Medicine. , 2015, , 1007-1049.		0
2326	History and definitions of ncRNAs. , 2023, , 1-46.		0
2330	Nucleic Acid-Based Strategies to Treat Neurodegenerative Diseases. , 2023, , 105-133.		0
2344	Function of Long Noncoding RNAs in Glioma Progression and Treatment Based on the Wnt/ \hat{l}^2 -Catenin and PI3K/AKT Signaling Pathways. Cellular and Molecular Neurobiology, 2023, 43, 3929-3942.	1.7	1
2348	Mobile MicroRNAs: Potential for MicroRNA Biogenesis. , 2023, , 25-47.		0