

Mechanisms of post-transcriptional regulation by micro

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Cardiac rehabilitation, adult fitness and exercise testing. <i>British Journal of Sports Medicine</i> , 1988, 22, 168-168.	3.1	0
2	Novel mechanisms of protein synthesis in diabetic nephropathy—role of mRNA translation. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2008, 9, 255-266.	2.6	18
3	Diverse molecular functions of Hu proteins. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 3168-3181.	2.4	516
4	Noncoding RNA in development. <i>Mammalian Genome</i> , 2008, 19, 454-492.	1.0	423
5	Functional genetic variation of human miRNAs and phenotypic consequences. <i>Mammalian Genome</i> , 2008, 19, 503-509.	1.0	76
6	Imprinted noncoding RNAs. <i>Mammalian Genome</i> , 2008, 19, 493-502.	1.0	62
7	Small is beautiful: microRNAs and breast cancer—where are we now?. <i>Journal of Pathology</i> , 2008, 215, 214-221.	2.1	63
8	Epigenetics and the nervous system. <i>Annals of Neurology</i> , 2008, 64, 602-617.	2.8	85
9	Hypothesis: arterial glycocalyx dysfunction is the first step in the atherothrombotic process. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2008, 101, 513-518.	0.2	99
10	MicroRNAs and Their Emerging Roles in Immunology. <i>Annals of the New York Academy of Sciences</i> , 2008, 1143, 226-239.	1.8	80
11	MicroRNAs —“ micro in size but macro in function. <i>FEBS Journal</i> , 2008, 275, 4929-4944.	2.2	132
12	microRNA-122 stimulates translation of hepatitis C virus RNA. <i>EMBO Journal</i> , 2008, 27, 3300-3310.	3.5	612
13	A new regulatory loop in cancer-cell invasion. <i>EMBO Reports</i> , 2008, 9, 521-522.	2.0	11
14	Widespread changes in protein synthesis induced by microRNAs. <i>Nature</i> , 2008, 455, 58-63.	13.7	3,120
15	The expanding world of small RNAs. <i>Nature</i> , 2008, 451, 414-416.	13.7	246
16	Genome rewired. <i>Nature</i> , 2008, 452, 824-825.	13.7	13
17	Think you know how miRNAs work? Think again.. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 334-336.	3.6	11
18	No SIRT6. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 336-336.	3.6	0

#	ARTICLE	IF	CITATIONS
19	Transcriptional regulation of cell polarity in EMT and cancer. <i>Oncogene</i> , 2008, 27, 6958-6969.	2.6	528
20	Discovering microRNAs from deep sequencing data using miRDeep. <i>Nature Biotechnology</i> , 2008, 26, 407-415.	9.4	1,102
21	microRNA-9 multitasking near organizing centers. <i>Nature Neuroscience</i> , 2008, 11, 625-626.	7.1	6
22	DNA polymerases and human disease. <i>Nature Reviews Genetics</i> , 2008, 9, 594-604.	7.7	257
23	Making a big impression on the proteome. <i>Nature Reviews Genetics</i> , 2008, 9, 650-651.	7.7	3
24	Biological principles of microRNA-mediated regulation: shared themes amid diversity. <i>Nature Reviews Genetics</i> , 2008, 9, 831-842.	7.7	707
26	Evidence for dietary regulation of microRNA expression in cancer cells. <i>Nutrition Reviews</i> , 2008, 66, 477-482.	2.6	90
27	MicroRNAs in development and disease. <i>Clinical Genetics</i> , 2008, 74, 296-306.	1.0	206
28	Exosomal microRNAs step into the biomarker arena. <i>Gynecologic Oncology</i> , 2008, 110, 1-2.	0.6	60
29	Mining small RNA structure elements in untranslated regions of human and mouse mRNAs using structure-based alignment. <i>BMC Genomics</i> , 2008, 9, 189.	1.2	15
30	MicroRNAs: regulators of oncogenesis and stemness. <i>BMC Medicine</i> , 2008, 6, 15.	2.3	99
31	microRNAs in neurodegeneration. <i>Current Opinion in Neurobiology</i> , 2008, 18, 292-296.	2.0	114
32	microRNAs: tiny regulators of synapse function in development and disease. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1466-1476.	1.6	65
33	Regulation of microRNA processing in development, differentiation and cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1811-1819.	1.6	94
34	Genetics, epigenetics and pharmacogenomics in angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 2533-2551.	1.6	51
35	The molecular machines that mediate microRNA maturation. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 54-60.	1.6	37
36	MicroRNAs of Kaposi's sarcoma-associated herpes virus. <i>Seminars in Cancer Biology</i> , 2008, 18, 437-440.	4.3	21
37	Non-coding RNAs take centre stage in epithelial-to-mesenchymal transition. <i>Trends in Cell Biology</i> , 2008, 18, 357-359.	3.6	101

#	ARTICLE	IF	CITATIONS
38	Mutation of miRNA target sequences during human evolution. <i>Trends in Genetics</i> , 2008, 24, 262-265.	2.9	23
39	RNA-binding proteins in human genetic disease. <i>Trends in Genetics</i> , 2008, 24, 416-425.	2.9	583
40	MicroRNA target site polymorphisms and human disease. <i>Trends in Genetics</i> , 2008, 24, 489-497.	2.9	318
41	MicroRNA miR-146a and further oncogenesis-related cellular microRNAs are dysregulated in HTLV-1-transformed T lymphocytes. <i>Retrovirology</i> , 2008, 5, 100.	0.9	98
42	Upregulated miR-146a expression in peripheral blood mononuclear cells from rheumatoid arthritis patients. <i>Arthritis Research and Therapy</i> , 2008, 10, R101.	1.6	600
43	MicroRNA-221/222 Confers Tamoxifen Resistance in Breast Cancer by Targeting p27Kip1. <i>Journal of Biological Chemistry</i> , 2008, 283, 29897-29903.	1.6	676
44	Cellular versus viral microRNAs in host-virus interaction. <i>Nucleic Acids Research</i> , 2008, 37, 1035-1048.	6.5	174
45	Taking microRNAs to heart. <i>Trends in Molecular Medicine</i> , 2008, 14, 254-260.	3.5	106
46	let-7 microRNAs in development, stem cells and cancer. <i>Trends in Molecular Medicine</i> , 2008, 14, 400-409.	3.5	539
47	MicroRNA-155 Suppresses Activation-Induced Cytidine Deaminase-Mediated Myc-Igh Translocation. <i>Immunity</i> , 2008, 28, 630-638.	6.6	434
48	Posttranscriptional Regulation of BK Channel Splice Variant Stability by miR-9 Underlies Neuroadaptation to Alcohol. <i>Neuron</i> , 2008, 59, 274-287.	3.8	321
49	A miRacle in plant development: Role of microRNAs in cell differentiation and patterning. <i>Seminars in Cell and Developmental Biology</i> , 2008, 19, 586-595.	2.3	85
50	Epigenetic principles and mechanisms underlying nervous system functions in health and disease. <i>Progress in Neurobiology</i> , 2008, 86, 305-341.	2.8	252
51	Applications of next-generation sequencing technologies in functional genomics. <i>Genomics</i> , 2008, 92, 255-264.	1.3	1,013
52	Inflammation and cancer: The oncogene-driven connection. <i>Cancer Letters</i> , 2008, 267, 262-270.	3.2	105
53	Role of microRNAs in diabetes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2008, 1779, 697-701.	0.9	142
54	RISC-target interaction: Cleavage and translational suppression. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2008, 1779, 668-677.	0.9	108
55	MicroRNA biogenesis: there's more than one way to skin a cat. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2008, 1779, 663-667.	0.9	94

#	ARTICLE	IF	CITATIONS
56	Effects of miR-34a on cell growth and chemoresistance in prostate cancer PC3 cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 114-119.	1.0	304
57	A PASport to Cellular Proliferation. <i>Cell</i> , 2008, 134, 208-210.	13.5	7
58	Senescence: Not Just for Tumor Suppression. <i>Cell</i> , 2008, 134, 562-564.	13.5	22
59	Proteomics Joins the Search for MicroRNA Targets. <i>Cell</i> , 2008, 134, 560-562.	13.5	41
60	3' End Processing of a Long Nuclear-Retained Noncoding RNA Yields a tRNA-like Cytoplasmic RNA. <i>Cell</i> , 2008, 135, 919-932.	13.5	597
61	Evolutionarily Conserved Function of a Viral MicroRNA. <i>Journal of Virology</i> , 2008, 82, 9823-9828.	1.5	187
62	miR-122a-Regulated Expression of a Suicide Gene Prevents Hepatotoxicity Without Altering Antitumor Effects in Suicide Gene Therapy. <i>Molecular Therapy</i> , 2008, 16, 1719-1726.	3.7	67
63	Chemical Modification of siRNAs for <i>In Vivo</i> Use. <i>Oligonucleotides</i> , 2008, 18, 305-320.	2.7	442
65	Novel long non-protein coding RNAs involved in <i>Arabidopsis</i> differentiation and stress responses. <i>Genome Research</i> , 2009, 19, 57-69.	2.4	390
66	Transcriptional mechanism for the paired miR-433 and miR-127 genes by nuclear receptors SHP and ERR β . <i>Nucleic Acids Research</i> , 2008, 36, 5727-5735.	6.5	76
67	Complex genetic interactions underlying expression differences between <i>Drosophila</i> races: Analysis of chromosome substitutions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6362-6367.	3.3	29
68	The microRNA miR-8 is a conserved negative regulator of Wnt signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15417-15422.	3.3	177
69	Identification of GW182 and its novel isoform TNGW1 as translational repressors in Ago2-mediated silencing. <i>Journal of Cell Science</i> , 2008, 121, 4134-4144.	1.2	59
71	Dicer1 Is Essential for Female Fertility and Normal Development of the Female Reproductive System. <i>Endocrinology</i> , 2008, 149, 6207-6212.	1.4	209
72	The microRNA-argonaute complex: A platform for mRNA modulation. <i>RNA Biology</i> , 2008, 5, 123-127.	1.5	34
73	Sex-specific microRNAome deregulation in the shielded bystander spleen of cranially exposed mice. <i>Cell Cycle</i> , 2008, 7, 1658-1667.	1.3	62
74	The let-7 microRNA interfaces extensively with the translation machinery to regulate cell differentiation. <i>Cell Cycle</i> , 2008, 7, 3083-3090.	1.3	53
75	Interplay between microRNAs and RNA-binding proteins determines developmental processes. <i>Cell Cycle</i> , 2008, 7, 899-903.	1.3	120

#	ARTICLE	IF	CITATIONS
76	MicroRNAs and cancer: past, present, and potential future. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 3655-3660.	1.9	263
77	RNA, but not protein partners, is directly responsible for translational silencing by a bacterial Hfq-binding small RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10332-10337.	3.3	79
78	The Steady-State Level of the Nervous-System-Specific MicroRNA-124a Is Regulated by dFMR1 in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2008, 28, 11883-11889.	1.7	100
79	Functional genomic, computational and proteomic analysis of <i>C. elegans</i> microRNAs. <i>Briefings in Functional Genomics & Proteomics</i> , 2008, 7, 228-235.	3.8	6
80	Mice Deficient for a Small Cluster of Piwi-Interacting RNAs Implicate Piwi-Interacting RNAs in Transposon Control1. <i>Biology of Reproduction</i> , 2008, 79, 51-57.	1.2	71
81	MicroRNA-34 mediates AR-dependent p53-induced apoptosis in prostate cancer. <i>Cancer Biology and Therapy</i> , 2008, 7, 1288-1296.	1.5	150
82	Polymorphisms in microRNA targets: a gold mine for molecular epidemiology. <i>Carcinogenesis</i> , 2008, 29, 1306-1311.	1.3	235
83	Host-Directed Drug Targeting of Factors Hijacked by Pathogens. <i>Science Signaling</i> , 2008, 1, re8.	1.6	112
84	Dicer Cuts the Kidney: Figure 1.. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 2043-2046.	3.0	31
85	A set of differentially expressed miRNAs, including miR-30a-5p, act as post-transcriptional inhibitors of BDNF in prefrontal cortex. <i>Human Molecular Genetics</i> , 2008, 17, 3030-3042.	1.4	239
86	Homeotic miRNAs: From Development to Pathologies. , 2008, , 119-127.		1
87	An intronic microRNA silences genes that are functionally antagonistic to its host gene. <i>Nucleic Acids Research</i> , 2008, 36, 5232-5241.	6.5	94
88	Decoding ARE-mediated decay: is microRNA part of the equation?. <i>Journal of Cell Biology</i> , 2008, 181, 189-194.	2.3	94
89	Coordinated Changes in mRNA Turnover, Translation, and RNA Processing Bodies in Bronchial Epithelial Cells following Inflammatory Stimulation. <i>Molecular and Cellular Biology</i> , 2008, 28, 7414-7426.	1.1	43
90	Down-regulation of Micro-RNA-1 (miR-1) in Lung Cancer: Suppression of Tumorigenic Property of Lung Cancer Cells and Their Sensitization to Doxorubicin-Induced Apoptosis by miR-1. <i>Journal of Biological Chemistry</i> , 2008, 283, 33394-33406.	1.6	329
91	Control of cell proliferation pathways by microRNAs. <i>Cell Cycle</i> , 2008, 7, 3143-3148.	1.3	304
92	MicroRNAs and Possible Role in Pituitary Adenoma. <i>Seminars in Reproductive Medicine</i> , 2008, 26, 453-460.	0.5	18
93	p53-Responsive MicroRNAs 192 and 215 Are Capable of Inducing Cell Cycle Arrest. <i>Cancer Research</i> , 2008, 68, 10094-10104.	0.4	412

#	ARTICLE	IF	CITATIONS
94	Computational analysis of miRNA-mediated repression of translation: Implications for models of translation initiation inhibition. <i>Rna</i> , 2008, 14, 1480-1491.	1.6	57
95	Potent RNAi by short RNA triggers. <i>Rna</i> , 2008, 14, 1714-1719.	1.6	90
96	Emerging Role of MicroRNAs in Reproductive Medicine. <i>Seminars in Reproductive Medicine</i> , 2008, 26, 449-451.	0.5	1
97	Optimizing gene delivery vectors for the treatment of heart disease. <i>Expert Opinion on Biological Therapy</i> , 2008, 8, 911-922.	1.4	47
98	Inactivation of miR-34a by aberrant CpG methylation in multiple types of cancer. <i>Cell Cycle</i> , 2008, 7, 2591-2600.	1.3	725
99	MicroRNAs and Mammalian Ovarian Development. <i>Seminars in Reproductive Medicine</i> , 2008, 26, 461-468.	0.5	22
100	Molecular Alterations in Prostate Cancer as Diagnostic, Prognostic, and Therapeutic Targets. <i>Advances in Anatomic Pathology</i> , 2008, 15, 319-331.	2.4	55
102	Molecular Paleobiology and the Cambrian Explosion: 21 st Century Answers to 19 th Century Problems. <i>The Paleontological Society Papers</i> , 2008, 14, 105-116.	0.8	0
103	The Inhibition of the Highly Expressed Mir-221 and Mir-222 Impairs the Growth of Prostate Carcinoma Xenografts in Mice. <i>PLoS ONE</i> , 2008, 3, e4029.	1.1	219
104	Regulation of Gene Expression by Small, Non-Coding RNAs: Practical Applications. , 0, , 327-347.		0
105	rna Interference and micro-rnaâ€œOriented Therapy in Cancer: Rationales, Promises, and Challenges. <i>Current Oncology</i> , 2009, 16, 61-66.	0.9	29
106	Post-transcriptional gene regulation by MAP kinases via AU-rich elements. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 847.	3.0	54
107	Identification of Keratinocyte Growth Factor as a Target of microRNA-155 in Lung Fibroblasts: Implication in Epithelial-Mesenchymal Interactions. <i>PLoS ONE</i> , 2009, 4, e6718.	1.1	192
108	Role of 3â€²UTRs in the Translation of mRNAs Regulated by Oncogenic eIF4Eâ€œA Computational Inference. <i>PLoS ONE</i> , 2009, 4, e4868.	1.1	19
109	Evidence for X-Chromosomal Schizophrenia Associated with microRNA Alterations. <i>PLoS ONE</i> , 2009, 4, e6121.	1.1	84
110	microRNA-Mediated Messenger RNA Deadenylation Contributes to Translational Repression in Mammalian Cells. <i>PLoS ONE</i> , 2009, 4, e6783.	1.1	89
111	Heparan sulfate proteoglycans in extravasation: assisting leukocyte guidance. <i>Frontiers in Bioscience - Landmark</i> , 2009, 14, 4932.	3.0	52
112	MicroRNA and mRNA integrated analysis (MMIA): a web tool for examining biological functions of microRNA expression. <i>Nucleic Acids Research</i> , 2009, 37, W356-W362.	6.5	149

#	ARTICLE	IF	CITATIONS
113	MicroRNAs As Novel Regulators of Angiogenesis. <i>Circulation Research</i> , 2009, 104, 442-454.	2.0	383
114	Biological Functions of miR-29b Contribute to Positive Regulation of Osteoblast Differentiation. <i>Journal of Biological Chemistry</i> , 2009, 284, 15676-15684.	1.6	513
115	MicroRNAs identified in highly purified liver-derived mitochondria may play a role in apoptosis. <i>RNA Biology</i> , 2009, 6, 65-72.	1.5	208
116	How to control miRNA maturation? Co-activators and co-repressors take the stage. <i>RNA Biology</i> , 2009, 6, 536-540.	1.5	40
117	MicroRNAs and cardiac pathology. <i>Nature Reviews Cardiology</i> , 2009, 6, 418-429.	6.1	282
118	Predicting response to radiotherapy: Evolutions and revolutions. <i>International Journal of Radiation Biology</i> , 2009, 85, 825-836.	1.0	36
119	Mechanisms of RNA-mediated Disease. <i>Journal of Biological Chemistry</i> , 2009, 284, 7419-7423.	1.6	83
120	Genome-wide identification of targets of the <i>drosha</i> complex. <i>Rna</i> , 2009, 15, 537-545.	1.6	104
121	Regulation of the Mammalian Nervous System by MicroRNAs. <i>Molecular Pharmacology</i> , 2009, 75, 259-264.	1.0	48
122	The Silencing Domain of GW182 Interacts with PABPC1 To Promote Translational Repression and Degradation of MicroRNA Targets and Is Required for Target Release. <i>Molecular and Cellular Biology</i> , 2009, 29, 6220-6231.	1.1	144
123	The role of RNAi and microRNAs in animal virus replication and antiviral immunity. <i>Genes and Development</i> , 2009, 23, 1151-1164.	2.7	340
124	New Tricks for Animal MicroRNAs: Targeting of Amino Acid Coding Regions at Conserved and Nonconserved Sites. <i>Cancer Research</i> , 2009, 69, 3245-3248.	0.4	207
125	miR-22 Inhibits Estrogen Signaling by Directly Targeting the Estrogen Receptor β mRNA. <i>Molecular and Cellular Biology</i> , 2009, 29, 3783-3790.	1.1	236
126	LPS induces KH-type splicing regulatory protein-dependent processing of microRNA-155 precursors in macrophages. <i>FASEB Journal</i> , 2009, 23, 2898-2908.	0.2	188
127	An Integrated Approach for Experimental Target Identification of Hypoxia-induced miR-210. <i>Journal of Biological Chemistry</i> , 2009, 284, 35134-35143.	1.6	248
128	Bruton's Tyrosine Kinase Is Involved in miR-346-Related Regulation of IL-18 Release by Lipopolysaccharide-Activated Rheumatoid Fibroblast-Like Synoviocytes. <i>Journal of Immunology</i> , 2009, 182, 5088-5097.	0.4	133
129	Gene-expression profiling in rheumatic disease: tools and therapeutic potential. <i>Nature Reviews Rheumatology</i> , 2009, 5, 257-265.	3.5	37
130	MicroRNA Profiling and Head and Neck Cancer. <i>Comparative and Functional Genomics</i> , 2009, 2009, 1-11.	2.0	116

#	ARTICLE	IF	CITATIONS
131	Functional links between clustered microRNAs: suppression of cell-cycle inhibitors by microRNA clusters in gastric cancer. <i>Nucleic Acids Research</i> , 2009, 37, 1672-1681.	6.5	429
132	Post-transcriptional control of DGCR8 expression by the Microprocessor. <i>Rna</i> , 2009, 15, 1005-1011.	1.6	119
133	MicroRNA-221/222 Regulate the Cell Cycle in Mast Cells. <i>Journal of Immunology</i> , 2009, 182, 433-445.	0.4	95
134	Molecular pathology of Invasive Lobular Breast Carcinoma. <i>Breast Disease</i> , 2009, 30, 9-14.	0.4	2
135	Progressive lengthening of 3' untranslated regions of mRNAs by alternative polyadenylation during mouse embryonic development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7028-7033.	3.3	545
136	RNA-binding Motif Protein 4 Translocates to Cytoplasmic Granules and Suppresses Translation via Argonaute2 during Muscle Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2009, 284, 34658-34665.	1.6	35
137	Ribonucleoprotein dynamics connects mRNA networks with drug mechanisms. <i>Molecular Systems Biology</i> , 2009, 5, 289.	3.2	0
138	Organization, Variation and Expression of the Human Genome as a Foundation of Genomic and Personalized Medicine. , 2009, , 4-21.		9
139	MicroRNA-208a is a regulator of cardiac hypertrophy and conduction in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 2772-2786.	3.9	756
140	The impact of microRNAs and alternative splicing in pharmacogenomics. <i>Pharmacogenomics Journal</i> , 2009, 9, 1-13.	0.9	52
141	MicroRNAs: Crucial multi-tasking components in the complex circuitry of tumor metastasis. <i>Cell Cycle</i> , 2009, 8, 3506-3512.	1.3	78
142	Metastamir: The Field of Metastasis-Regulatory microRNA Is Spreading. <i>Cancer Research</i> , 2009, 69, 7495-7498.	0.4	290
143	miR-181a Regulates Cap-Dependent Translation of p27 ^{kip1} mRNA in Myeloid Cells. <i>Molecular and Cellular Biology</i> , 2009, 29, 2841-2851.	1.1	78
144	Altered expression of selected microRNAs in melanoma: Antiproliferative and proapoptotic activity of miRNA-155. <i>International Journal of Oncology</i> , 2009, , .	1.4	30
145	Uncoupling of <i>lin-14</i> mRNA and protein repression by nutrient deprivation in <i>Caenorhabditis elegans</i> . <i>Rna</i> , 2009, 15, 400-405.	1.6	21
146	Mammalian GW182 contains multiple Argonaute-binding sites and functions in microRNA-mediated translational repression. <i>Rna</i> , 2009, 15, 1078-1089.	1.6	108
147	RNA Interference-Based Gene Expression Strategies Aimed at Sustained Therapeutic Inhibition of HIV. <i>Current Topics in Medicinal Chemistry</i> , 2009, 9, 1065-1078.	1.0	10
148	Increased MKK4 Abundance with Replicative Senescence Is Linked to the Joint Reduction of Multiple MicroRNAs. <i>Science Signaling</i> , 2009, 2, ra69.	1.6	71

#	ARTICLE	IF	CITATIONS
149	Repressing the repressor: A new mode of MYC action in lymphomagenesis. <i>Cell Cycle</i> , 2009, 8, 556-559.	1.3	36
150	Transcriptional regulation through noncoding RNAs and epigenetic modifications. <i>RNA Biology</i> , 2009, 6, 233-236.	1.5	69
151	Activation of hepatitis c virus translation by a liver-specific microRNA. <i>Cell Cycle</i> , 2009, 8, 1473-1477.	1.3	77
152	Non-protein coding RNAs, a diverse class of gene regulators, and their action in plants. <i>RNA Biology</i> , 2009, 6, 161-164.	1.5	11
153	MicroRNAs and Lung Cancer: New Oncogenes and Tumor Suppressors, New Prognostic Factors and Potential Therapeutic Targets. <i>Current Medicinal Chemistry</i> , 2009, 16, 1047-1061.	1.2	89
154	The VEGF IRESes are differentially susceptible to translation inhibition by miR-16. <i>Rna</i> , 2009, 15, 249-254.	1.6	59
155	MicroRNAs: Opening a New Vein in Angiogenesis Research. <i>Science Signaling</i> , 2009, 2, pe1.	1.6	142
156	MicroRNA-127 modulates fetal lung development. <i>Physiological Genomics</i> , 2009, 37, 268-278.	1.0	134
157	The C-terminal half of human Ago2 binds to multiple GW-rich regions of GW182 and requires GW182 to mediate silencing. <i>Rna</i> , 2009, 15, 804-813.	1.6	130
158	Multiple independent domains of dGW182 function in miRNA-mediated repression in <i>Drosophila</i> . <i>Rna</i> , 2009, 15, 794-803.	1.6	61
159	Importance of the C-terminal domain of the human GW182 protein TNRC6C for translational repression. <i>Rna</i> , 2009, 15, 781-793.	1.6	116
160	The C-terminal domains of human TNRC6A, TNRC6B, and TNRC6C silence bound transcripts independently of Argonaute proteins. <i>Rna</i> , 2009, 15, 1059-1066.	1.6	129
161	The GW182 protein family in animal cells: New insights into domains required for miRNA-mediated gene silencing. <i>Rna</i> , 2009, 15, 1433-1442.	1.6	168
162	Chapter 7 The Regulation of Protein Synthesis in Cancer. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 90, 255-292.	0.9	10
163	MicroRNA expression changes in lymphoblastoid cell lines in response to lithium treatment. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 975.	1.0	97
164	MicroRNAs and Their Role in Progressive Kidney Diseases. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009, 4, 1255-1266.	2.2	143
165	Highly Dynamic and Sex-Specific Expression of microRNAs During Early ES Cell Differentiation. <i>PLoS Genetics</i> , 2009, 5, e1000620.	1.5	73
166	MicroRNA: a new frontier in kidney and blood pressure research. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F553-F558.	1.3	89

#	ARTICLE	IF	CITATIONS
167	Review of Current Methodological Approaches for Characterizing MicroRNAs in Plants. International Journal of Plant Genomics, 2009, 2009, 1-11.	2.2	62
168	Deadenylation of maternal mRNAs mediated by miR-427 in <i>Xenopus laevis</i> embryos. Rna, 2009, 15, 2351-2363.	1.6	146
169	Concordant Regulation of Translation and mRNA Abundance for Hundreds of Targets of a Human microRNA. PLoS Biology, 2009, 7, e1000238.	2.6	354
170	Evidence for Selective microRNAs and Their Effectors as Common Long-Term Targets for the Actions of Mood Stabilizers. Neuropsychopharmacology, 2009, 34, 1395-1405.	2.8	284
171	Retrotransposon Silencing by piRNAs: Ping-Pong Players Mark Their Sub-Cellular Boundaries. PLoS Genetics, 2009, 5, e1000770.	1.5	14
172	Dendritic LSM1/CBP80-mRNPs mark the early steps of transport commitment and translational control. Journal of Cell Biology, 2009, 184, 423-435.	2.3	55
173	MicroRNA: Biogenesis, Regulation, and Role in Primary Brain Tumors. , 2009, , 327-354.		1
174	HuR recruits let-7/RISC to repress c-Myc expression. Genes and Development, 2009, 23, 1743-1748.	2.7	491
175	MicroRNA-Biogenesis and Pre-mRNA Splicing Crosstalk. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-6.	3.0	76
176	MicroRNA Implications across Neurodevelopment and Neuropathology. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-13.	3.0	53
177	Zebrafish miR-1 and miR-133 shape muscle gene expression and regulate sarcomeric actin organization. Genes and Development, 2009, 23, 619-632.	2.7	149
178	Regulation of mRNA translation in renal physiology and disease. American Journal of Physiology - Renal Physiology, 2009, 297, F1153-F1165.	1.3	52
179	C19MC microRNAs are processed from introns of large Pol-II, non-protein-coding transcripts. Nucleic Acids Research, 2009, 37, 3464-3473.	6.5	205
180	Hsa-miR-222 Is Involved in Differentiation of Endometrial Stromal Cells in Vitro. Endocrinology, 2009, 150, 4734-4743.	1.4	83
181	SNPs in human miRNA genes affect biogenesis and function. Rna, 2009, 15, 1640-1651.	1.6	330
182	<i>BMPRII</i> is a direct target of miR-21. Acta Biochimica Et Biophysica Sinica, 2009, 41, 618-623.	0.9	60
183	Analysis of Post-transcriptional Regulations by a Functional, Integrated, and Quantitative Method. Molecular and Cellular Proteomics, 2009, 8, 1777-1788.	2.5	19
184	MicroRNA-125b Promotes Neuronal Differentiation in Human Cells by Repressing Multiple Targets. Molecular and Cellular Biology, 2009, 29, 5290-5305.	1.1	260

#	ARTICLE	IF	CITATIONS
185	Widespread Estrogen-Dependent Repression of microRNAs Involved in Breast Tumor Cell Growth. <i>Cancer Research</i> , 2009, 69, 8332-8340.	0.4	225
186	Assaying microRNA loss-of-function phenotypes in mammalian cells: Emerging tools and their potential therapeutic utility. <i>RNA Biology</i> , 2009, 6, 541-545.	1.5	12
187	Short non-coding RNA biology and neurodegenerative disorders: novel disease targets and therapeutics. <i>Human Molecular Genetics</i> , 2009, 18, R27-R39.	1.4	70
188	Comprehensive Profiling of Epstein-Barr Virus MicroRNAs in Nasopharyngeal Carcinoma. <i>Journal of Virology</i> , 2009, 83, 2357-2367.	1.5	169
189	Repertoire and evolution of miRNA genes in four divergent nematode species. <i>Genome Research</i> , 2009, 19, 2064-2074.	2.4	107
190	Essential and overlapping functions for mammalian Argonautes in microRNA silencing. <i>Genes and Development</i> , 2009, 23, 304-317.	2.7	208
191	Emerging roles of microRNAs as molecular switches in the integrated circuit of the cancer cell. <i>Rna</i> , 2009, 15, 1443-1461.	1.6	147
192	An Ariadne's thread to the identification and annotation of noncoding RNAs in eukaryotes. <i>Briefings in Bioinformatics</i> , 2009, 10, 475-489.	3.2	25
193	Human microRNAs co-silence in well-separated groups and have different predicted essentialities. <i>Bioinformatics</i> , 2009, 25, 1063-1069.	1.8	35
194	MiR-128 up-regulation inhibits Reelin and DCX expression and reduces neuroblastoma cell motility and invasiveness. <i>FASEB Journal</i> , 2009, 23, 4276-4287.	0.2	148
195	MicroRNAs with a nucleolar location. <i>Rna</i> , 2009, 15, 1705-1715.	1.6	166
196	Human UPF1 Participates in Small RNA-Induced mRNA Downregulation. <i>Molecular and Cellular Biology</i> , 2009, 29, 5789-5799.	1.1	27
197	The Hsp90 Inhibitor Geldanamycin Abrogates Colocalization of eIF4E and eIF4E-Transporter into Stress Granules and Association of eIF4E with eIF4G. <i>Journal of Biological Chemistry</i> , 2009, 284, 35597-35604.	1.6	37
198	microRNA expression in the eyes and their significance in relation to functions. <i>Progress in Retinal and Eye Research</i> , 2009, 28, 87-116.	7.3	96
199	Structural and functional modules in RNA interference. <i>Current Opinion in Structural Biology</i> , 2009, 19, 286-293.	2.6	50
200	CRISPR-based adaptive and heritable immunity in prokaryotes. <i>Trends in Biochemical Sciences</i> , 2009, 34, 401-407.	3.7	453
201	Re-capping the message. <i>Trends in Biochemical Sciences</i> , 2009, 34, 435-442.	3.7	87
202	Regulating the regulators: mechanisms controlling the maturation of microRNAs. <i>Trends in Biotechnology</i> , 2009, 27, 27-36.	4.9	97

#	ARTICLE	IF	CITATIONS
203	Exploring complex miRNA-mRNA interactions with Bayesian networks by splitting-averaging strategy. BMC Bioinformatics, 2009, 10, 408.	1.2	72
204	Parallel DNA pyrosequencing unveils new zebrafish microRNAs. BMC Genomics, 2009, 10, 195.	1.2	65
205	Correlation of expression profiles between microRNAs and mRNA targets using NCI-60 data. BMC Genomics, 2009, 10, 218.	1.2	123
206	Characterisation of microRNA expression in post-natal mouse mammary gland development. BMC Genomics, 2009, 10, 548.	1.2	117
207	Rapid evolution of mammalian X-linked testis microRNAs. BMC Genomics, 2009, 10, 97.	1.2	98
208	Murine Polyomavirus encodes a microRNA that cleaves early RNA transcripts but is not essential for experimental infection. Virology, 2009, 387, 157-167.	1.1	92
209	MicroRNAs of Gallid and Meleagrid herpesviruses show generally conserved genomic locations and are virus-specific. Virology, 2009, 388, 128-136.	1.1	56
210	Antagomir-mediated silencing of endothelial cell specific microRNA miR-126 impairs ischemia-induced angiogenesis. Journal of Cellular and Molecular Medicine, 2009, 13, 1577-1585.	1.6	236
211	Surviving hypoxia by modulation of mRNA translation rate. Journal of Cellular and Molecular Medicine, 2009, 13, 2770-2779.	1.6	44
212	Fine-tuning neural gene expression with microRNAs. Current Opinion in Neurobiology, 2009, 19, 213-219.	2.0	139
213	MicroRNAs in brain development and physiology. Current Opinion in Neurobiology, 2009, 19, 461-470.	2.0	136
214	Non-coding RNAs and new opportunities for the private sector. Drug Discovery Today, 2009, 14, 446-452.	3.2	26
215	Epigenetic regulation of gap junctional intercellular communication: More than a way to keep cells quiet?. Biochimica Et Biophysica Acta: Reviews on Cancer, 2009, 1795, 53-61.	3.3	29
216	Translational control from head to tail. Current Opinion in Cell Biology, 2009, 21, 444-451.	2.6	50
217	Mechanisms of miRNA-mediated post-transcriptional regulation in animal cells. Current Opinion in Cell Biology, 2009, 21, 452-460.	2.6	639
221	Allele variants in functional MicroRNA target sites of the neurotrophin-3 receptor gene (<i>NTRK3</i>) as susceptibility factors for anxiety disorders. Human Mutation, 2009, 30, 1062-1071.	1.1	86
222	Functional <i>FEN1</i> polymorphisms are associated with DNA damage levels and lung cancer risk. Human Mutation, 2009, 30, 1320-1328.	1.1	77
223	Breast cancer metastasis suppressor 1 coordinately regulates metastasis-associated microRNA expression. International Journal of Cancer, 2009, 125, 1778-1785.	2.3	83

#	ARTICLE	IF	CITATIONS
224	Diagnostic and prognostic implications of microRNA profiling in prostate carcinoma. <i>International Journal of Cancer</i> , 2010, 126, 1166-1176.	2.3	518
225	Mechanisms of prostate cancer cell survival after inhibition of AR expression. <i>Journal of Cellular Biochemistry</i> , 2009, 106, 363-371.	1.2	52
226	Human embryonic stem cells and cardiac cell fate. <i>Journal of Cellular Physiology</i> , 2009, 218, 455-459.	2.0	13
227	Genomic organization of microRNAs. <i>Journal of Cellular Physiology</i> , 2010, 222, 540-545.	2.0	183
228	Characterization of Bâ€•and Tâ€•lineage acute lymphoblastic leukemia by integrated analysis of MicroRNA and mRNA expression profiles. <i>Genes Chromosomes and Cancer</i> , 2009, 48, 1069-1082.	1.5	87
229	RNA Interference: From Basic Research to Therapeutic Applications. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1378-1398.	7.2	288
230	MicroRNAs Repress Mainly through mRNA Decay. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 853-855.	7.2	5
231	Antagomirzymes: Oligonucleotide Enzymes That Specifically Silence MicroRNA Function. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2557-2560.	7.2	49
232	MicroRNAs are novel biomarkers of colorectal cancer. <i>British Journal of Surgery</i> , 2009, 96, 702-710.	0.1	107
233	The interplay between transcription factors and microRNAs in genomeâ€•scale regulatory networks. <i>BioEssays</i> , 2009, 31, 435-445.	1.2	226
234	MicroRNAs and metazoan macroevolution: insights into canalization, complexity, and the Cambrian explosion. <i>BioEssays</i> , 2009, 31, 736-747.	1.2	225
235	Predicting the fate of microRNA target genes based on sequence features. <i>Journal of Theoretical Biology</i> , 2009, 261, 17-22.	0.8	5
236	Noninvasive Visualization of microRNA by Bioluminescence Imaging. <i>Molecular Imaging and Biology</i> , 2009, 11, 61-63.	1.3	8
237	Gene Dysregulation in Huntingtonâ€™s Disease: REST, MicroRNAs and Beyond. <i>NeuroMolecular Medicine</i> , 2009, 11, 183-199.	1.8	104
238	microRNAs - powerful repression comes from small RNAs. <i>Science in China Series C: Life Sciences</i> , 2009, 52, 323-330.	1.3	28
239	Small RNA: A Large Contributor to Carcinogenesis?. <i>Journal of Gastrointestinal Surgery</i> , 2009, 13, 1379-1388.	0.9	34
240	Non-cell Autonomous RNA Trafficking and Long-Distance Signaling. <i>Journal of Plant Biology</i> , 2009, 52, 10-18.	0.9	16
241	Highly efficient gene silencing using perfect complementary artificial miRNA targeting AP1 or heteromeric artificial miRNA targeting AP1 and CAL genes. <i>Plant Cell Reports</i> , 2009, 28, 469-480.	2.8	43

#	ARTICLE	IF	CITATIONS
242	Obesity and genetics regulate microRNAs in islets, liver, and adipose of diabetic mice. <i>Mammalian Genome</i> , 2009, 20, 476-485.	1.0	139
243	MicroRNAs: Control and Loss of Control in Human Physiology and Disease. <i>World Journal of Surgery</i> , 2009, 33, 667-684.	0.8	189
244	MicroRNA-204 Regulates Runx2 Protein Expression and Mesenchymal Progenitor Cell Differentiation. <i>Stem Cells</i> , 2010, 28, 357-364.	1.4	525
245	Selenoprotein N is dynamically expressed during mouse development and detected early in muscle precursors. <i>BMC Developmental Biology</i> , 2009, 9, 46.	2.1	29
246	Sex-different and growth hormone-regulated expression of microRNA in rat liver. <i>BMC Molecular Biology</i> , 2009, 10, 13.	3.0	35
247	Regulation of MicroRNA Biogenesis: A miRiad of mechanisms. <i>Cell Communication and Signaling</i> , 2009, 7, 18.	2.7	274
248	Evaluation of a new high-dimensional miRNA profiling platform. <i>BMC Medical Genomics</i> , 2009, 2, 57.	0.7	24
249	Molecular mechanisms underlying plant memory in JA-mediated defence responses. <i>Plant, Cell and Environment</i> , 2009, 32, 617-627.	2.8	110
250	MicroRNA signature in massive macronodular adrenocortical disease and implications for adrenocortical tumourigenesis. <i>Clinical Endocrinology</i> , 2010, 72, 744-751.	1.2	58
251	REVIEW ARTICLE: Epigenetics in the Placenta. <i>American Journal of Reproductive Immunology</i> , 2009, 62, 78-89.	1.2	174
252	Repression of <i>C. elegans</i> microRNA targets at the initiation level of translation requires GW182 proteins. <i>EMBO Journal</i> , 2009, 28, 213-222.	3.5	121
253	Promoter-specific transcriptional interference and c-myc gene silencing by siRNAs in human cells. <i>EMBO Journal</i> , 2009, 28, 1708-1719.	3.5	128
254	Eukaryotic initiation factor 6 mediates a continuum between 60S ribosome biogenesis and translation. <i>EMBO Reports</i> , 2009, 10, 459-465.	2.0	96
255	Differential expression of SMAD3 transcripts is not regulated by cis-acting genetic elements but has a gender specificity. <i>Genes and Immunity</i> , 2009, 10, 192-196.	2.2	11
256	Protective Role of Early Aquaporin 4 Induction against Postischemic Edema Formation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 423-433.	2.4	127
257	miRNA Expression Profiling in Melanocytes and Melanoma Cell Lines Reveals miRNAs Associated with Formation and Progression of Malignant Melanoma. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1740-1751.	0.3	220
258	Glucocorticoid-regulated microRNAs and mirtrons in acute lymphoblastic leukemia. <i>Leukemia</i> , 2009, 23, 746-752.	3.3	102
259	On the road to reading the RNA-interference code. <i>Nature</i> , 2009, 457, 396-404.	13.7	583

#	ARTICLE	IF	CITATIONS
260	MicroRNA-mediated switching of chromatin-remodelling complexes in neural development. <i>Nature</i> , 2009, 460, 642-646.	13.7	557
261	Argonaute HITS-CLIP decodes microRNA-mRNA interaction maps. <i>Nature</i> , 2009, 460, 479-486.	13.7	1,651
262	Transfection of small RNAs globally perturbs gene regulation by endogenous microRNAs. <i>Nature Biotechnology</i> , 2009, 27, 549-555.	9.4	470
263	Many roads to maturity: microRNA biogenesis pathways and their regulation. <i>Nature Cell Biology</i> , 2009, 11, 228-234.	4.6	2,328
264	A functional screen implicates microRNA-138-dependent regulation of the depalmitoylation enzyme APT1 in dendritic spine morphogenesis. <i>Nature Cell Biology</i> , 2009, 11, 705-716.	4.6	437
265	Silencing by small RNAs is linked to endosomal trafficking. <i>Nature Cell Biology</i> , 2009, 11, 1150-1156.	4.6	326
266	Optimization of immunoprecipitation-western blot analysis in detecting GW182-associated components of GW/P bodies. <i>Nature Protocols</i> , 2009, 4, 674-685.	5.5	24
267	MicroRNAs - the micro steering wheel of tumour metastases. <i>Nature Reviews Cancer</i> , 2009, 9, 293-302.	12.8	740
268	Transitions between epithelial and mesenchymal states: acquisition of malignant and stem cell traits. <i>Nature Reviews Cancer</i> , 2009, 9, 265-273.	12.8	2,951
269	Exploiting and antagonizing microRNA regulation for therapeutic and experimental applications. <i>Nature Reviews Genetics</i> , 2009, 10, 578-585.	7.7	362
270	Biogenesis of small RNAs in animals. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 126-139.	16.1	2,885
271	Understanding microRNAs in neurodegeneration. <i>Nature Reviews Neuroscience</i> , 2009, 10, 837-841.	4.9	256
272	microRNAs at the synapse. <i>Nature Reviews Neuroscience</i> , 2009, 10, 842-849.	4.9	444
273	Loss of the Mili-interacting Tudor domain-containing protein-1 activates transposons and alters the Mili-associated small RNA profile. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 639-646.	3.6	242
274	Ago-TNRC6 triggers microRNA-mediated decay by promoting two deadenylation steps. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 1160-1166.	3.6	189
275	Distinct passenger strand and mRNA cleavage activities of human Argonaute proteins. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 1259-1266.	3.6	121
276	Kill the messenger: bacterial antisense RNA promotes mRNA decay. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 804-806.	3.6	33
277	Role of miRNAs in the progression of malignant melanoma. <i>British Journal of Cancer</i> , 2009, 101, 551-556.	2.9	102

#	ARTICLE	IF	CITATIONS
278	MicroRNA-23b mediates urokinase and c-Met downmodulation and a decreased migration of human hepatocellular carcinoma cells. <i>FEBS Journal</i> , 2009, 276, 2966-2982.	2.2	149
279	Sustained activation of ERK1/2 by NGF induces microRNA-221 and 222 in PC12 cells. <i>FEBS Journal</i> , 2009, 276, 3269-3276.	2.2	98
280	Cellular oxygen sensing, signalling and how to survive translational arrest in hypoxia. <i>Acta Physiologica</i> , 2009, 195, 205-230.	1.8	49
281	The deep evolution of metazoan microRNAs. <i>Evolution & Development</i> , 2009, 11, 50-68.	1.1	491
282	Large-scale sequence analyses of Atlantic cod. <i>New Biotechnology</i> , 2009, 25, 263-271.	2.4	73
283	MicroRNAs in normal and malignant myelopoiesis. <i>Leukemia Research</i> , 2009, 33, 1584-1593.	0.4	30
284	Identification of the Human Mature B Cell miRNome. <i>Immunity</i> , 2009, 30, 744-752.	6.6	124
285	Mechanisms of microRNA-mediated gene regulation. <i>Science in China Series C: Life Sciences</i> , 2009, 52, 1111-1116.	1.3	43
286	MicroRNAs in Cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2009, 4, 199-227.	9.6	1,218
287	Small silencing RNAs: State-of-the-art. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 672-703.	6.6	164
288	Breast Cancer Metastasis Suppressor 1 Up-regulates miR-146, Which Suppresses Breast Cancer Metastasis. <i>Cancer Research</i> , 2009, 69, 1279-1283.	0.4	358
289	DIANA-mirPath: Integrating human and mouse microRNAs in pathways. <i>Bioinformatics</i> , 2009, 25, 1991-1993.	1.8	265
290	New class of microRNA targets containing simultaneous 5'-UTR and 3'-UTR interaction sites. <i>Genome Research</i> , 2009, 19, 1175-1183.	2.4	398
291	Combinatorial Control of Suicide Gene Expression by Tissue-specific Promoter and microRNA Regulation for Cancer Therapy. <i>Molecular Therapy</i> , 2009, 17, 2058-2066.	3.7	67
292	MicroRNA regulation below zero: Differential expression of miRNA-21 and miRNA-16 during freezing in wood frogs. <i>Cryobiology</i> , 2009, 59, 317-321.	0.3	67
293	miR-184 Has Multiple Roles in Drosophila Female Germline Development. <i>Developmental Cell</i> , 2009, 17, 123-133.	3.1	164
294	Misexpression of miR-196a induces eye anomaly in <i>Xenopus laevis</i> . <i>Brain Research Bulletin</i> , 2009, 79, 26-31.	1.4	34
295	Altered brain gene expression profiles associated with the pathogenesis of phenylketonuria in a mouse model. <i>Clinica Chimica Acta</i> , 2009, 401, 90-99.	0.5	19

#	ARTICLE	IF	CITATIONS
296	Posttranscriptional Crossregulation between Drosha and DGCR8. <i>Cell</i> , 2009, 136, 75-84.	13.5	380
297	MicroRNAs: Target Recognition and Regulatory Functions. <i>Cell</i> , 2009, 136, 215-233.	13.5	17,802
298	Regulation of Translation Initiation in Eukaryotes: Mechanisms and Biological Targets. <i>Cell</i> , 2009, 136, 731-745.	13.5	2,754
299	Widespread Shortening of 3'UTRs by Alternative Cleavage and Polyadenylation Activates Oncogenes in Cancer Cells. <i>Cell</i> , 2009, 138, 673-684.	13.5	1,427
300	Phosphorylation of the Human MicroRNA-Generating Complex Mediates MAPK/Erk Signaling. <i>Cell</i> , 2009, 139, 112-122.	13.5	326
301	Downregulation of miRNA-200c Links Breast Cancer Stem Cells with Normal Stem Cells. <i>Cell</i> , 2009, 138, 592-603.	13.5	1,130
302	Regulation of KSHV Lytic Switch Protein Expression by a Virus-Encoded MicroRNA: An Evolutionary Adaptation that Fine-Tunes Lytic Reactivation. <i>Cell Host and Microbe</i> , 2009, 6, 570-575.	5.1	221
303	miR-155 gene: A typical multifunctional microRNA. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009, 1792, 497-505.	1.8	659
304	Internal translation initiation of picornaviruses and hepatitis C virus. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2009, 1789, 529-541.	0.9	64
305	Structural and functional diversity of viral IRESes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2009, 1789, 542-557.	0.9	152
306	Bone morphogenetic protein-2 down-regulates miR-206 expression by blocking its maturation process. <i>Biochemical and Biophysical Research Communications</i> , 2009, 383, 125-129.	1.0	44
307	Functional elucidation of MiR-34 in osteosarcoma cells and primary tumor samples. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 35-40.	1.0	142
308	MicroRNA-21 promotes cell proliferation and down-regulates the expression of programmed cell death 4 (PDCD4) in HeLa cervical carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 539-542.	1.0	185
309	MicroRNA isolation and stability in stored RNA samples. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 1-4.	1.0	189
310	Role of Dicer in female fertility. <i>Trends in Endocrinology and Metabolism</i> , 2009, 20, 265-272.	3.1	68
311	Role of virus-encoded microRNAs in herpesvirus biology. <i>Trends in Microbiology</i> , 2009, 17, 544-553.	3.5	105
312	Role of plant RNA-binding proteins in development, stress response and genome organization. <i>Trends in Plant Science</i> , 2009, 14, 229-236.	4.3	314
313	Getting the message across: cytoplasmic ribonucleoprotein complexes. <i>Trends in Plant Science</i> , 2009, 14, 443-453.	4.3	112

#	ARTICLE	IF	CITATIONS
314	Translational Control of Long-Lasting Synaptic Plasticity and Memory. <i>Neuron</i> , 2009, 61, 10-26.	3.8	817
315	Characterization of Small RNAs in <i>Aplysia</i> Reveals a Role for miR-124 in Constraining Synaptic Plasticity through CREB. <i>Neuron</i> , 2009, 63, 803-817.	3.8	374
316	MicroRNAs in Memory Processing. <i>Neuron</i> , 2009, 63, 714-716.	3.8	22
317	Modeling the dynamics of transcriptional gene regulatory networks for animal development. <i>Developmental Biology</i> , 2009, 325, 317-328.	0.9	84
318	Ribosomal protein RPS-14 modulates let-7 microRNA function in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 2009, 334, 152-160.	0.9	22
319	Long intronic noncoding RNA transcription: Expression noise or expression choice?. <i>Genomics</i> , 2009, 93, 291-298.	1.3	226
320	MicroRNA in autoimmunity and autoimmune diseases. <i>Journal of Autoimmunity</i> , 2009, 32, 189-194.	3.0	455
321	Enhancement of the Seed-Target Recognition Step in RNA Silencing by a PIWI/MID Domain Protein. <i>Molecular Cell</i> , 2009, 33, 204-214.	4.5	137
322	<i>Drosophila</i> Argonaute1 and Argonaute2 Employ Distinct Mechanisms for Translational Repression. <i>Molecular Cell</i> , 2009, 34, 58-67.	4.5	158
323	CRD-BP Protects the Coding Region of β 2TrCP1 mRNA from miR-183-Mediated Degradation. <i>Molecular Cell</i> , 2009, 35, 240-246.	4.5	173
324	Mammalian miRNA RISC Recruits CAF1 and PABP to Affect PABP-Dependent Deadenylation. <i>Molecular Cell</i> , 2009, 35, 868-880.	4.5	331
325	The Chicken or the Egg: MicroRNA-Mediated Regulation of mRNA Translation or mRNA Stability. <i>Molecular Cell</i> , 2009, 35, 739-740.	4.5	23
326	<i>Drosophila</i> miR2 Primarily Targets the m7GpppN Cap Structure for Translational Repression. <i>Molecular Cell</i> , 2009, 35, 881-888.	4.5	74
327	What are the roles of microRNAs at the mammalian synapse?. <i>Neuroscience Letters</i> , 2009, 466, 63-68.	1.0	24
328	Molecular Determinants of Dysregulated GABAergic Gene Expression in the Prefrontal Cortex of Subjects with Schizophrenia. <i>Biological Psychiatry</i> , 2009, 65, 1006-1014.	0.7	246
331	Suppression of HIV-1 replication by microRNA effectors. <i>Retrovirology</i> , 2009, 6, 26.	0.9	98
332	miRNPs: versatile regulators of gene expression in vertebrate cells. <i>Biochemical Society Transactions</i> , 2009, 37, 931-935.	1.6	54
333	MicroRNA-Based Therapeutics for Cancer. <i>BioDrugs</i> , 2009, 23, 15-23.	2.2	140

#	ARTICLE	IF	CITATIONS
334	Role of microRNAs in the regulation of drug metabolism and disposition. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2009, 5, 1513-1528.	1.5	58
335	MicroRNAs in Diabetes: Tiny Players in Big Disease. <i>Cellular Physiology and Biochemistry</i> , 2009, 23, 221-232.	1.1	166
336	Chapter 5 MicroRNA-Mediated Gene Silencing. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 90, 187-210.	0.9	15
338	MicroRNA-122 Inhibits Tumorigenic Properties of Hepatocellular Carcinoma Cells and Sensitizes These Cells to Sorafenib. <i>Journal of Biological Chemistry</i> , 2009, 284, 32015-32027.	1.6	441
339	Genome-wide survey of microRNA transcription factor feed-forward regulatory circuits in human. <i>Molecular BioSystems</i> , 2009, 5, 854.	2.9	107
340	eIF4E: New Family Members, New Binding Partners, New Roles. <i>Journal of Biological Chemistry</i> , 2009, 284, 16711-16715.	1.6	146
341	MicroRNA-206 Targets notch3, Activates Apoptosis, and Inhibits Tumor Cell Migration and Focus Formation. <i>Journal of Biological Chemistry</i> , 2009, 284, 31921-31927.	1.6	186
342	<i>miR-19</i> is a key oncogenic component of <i>mir-17-92</i> . <i>Genes and Development</i> , 2009, 23, 2839-2849.	2.7	540
343	MicroRNA-21 Is Up-Regulated in Allergic Airway Inflammation and Regulates IL-12p35 Expression. <i>Journal of Immunology</i> , 2009, 182, 4994-5002.	0.4	536
344	The RNA-induced Silencing Complex: A Versatile Gene-silencing Machine. <i>Journal of Biological Chemistry</i> , 2009, 284, 17897-17901.	1.6	483
345	Applications of New Sequencing Technologies for Transcriptome Analysis. <i>Annual Review of Genomics and Human Genetics</i> , 2009, 10, 135-151.	2.5	457
346	MiRNAs and Cancer. <i>American Journal of Pathology</i> , 2009, 174, 1131-1138.	1.9	387
347	TRIM-NHL Proteins Take on miRNA Regulation. <i>Cell</i> , 2009, 136, 818-820.	13.5	30
348	Dicing of viral replication intermediates during silencing of latent <i>Drosophila</i> viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5270-5275.	3.3	101
349	MicroRNAs and their antagonists as novel therapeutics. <i>European Journal of Cancer</i> , 2009, 45, 388-390.	1.3	6
350	MicroRNAs: The Jack of All Trades. <i>Clinical Leukemia</i> , 2009, 3, 20-32.	0.2	2
351	MicroRNA polymorphisms: the future of pharmacogenomics, molecular epidemiology and individualized medicine. <i>Pharmacogenomics</i> , 2009, 10, 399-416.	0.6	244
352	microRNAs and genetic diseases. <i>PathoGenetics</i> , 2009, 2, 7.	5.7	140

#	ARTICLE	IF	CITATIONS
353	miRNAs and cancer: New research developments and potential clinical applications. <i>Cancer Biology and Therapy</i> , 2009, 8, 2317-2322.	1.5	30
354	The diverse roles of RNA helicases in RNAi. <i>Cell Cycle</i> , 2009, 8, 3500-3505.	1.3	22
355	UCB transplantation: miRNA involvement. <i>Blood</i> , 2009, 113, 6505-6506.	0.6	2
356	MicroRNA is a New Diagnostic and Therapeutic Target for Cardiovascular Disease and Regenerative Medicine. <i>Circulation Journal</i> , 2009, 73, 1397-1398.	0.7	10
357	Transcriptional repression of microRNA genes by PML-RARA increases expression of key cancer proteins in acute promyelocytic leukemia. <i>Blood</i> , 2009, 113, 412-421.	0.6	97
358	MicroRNA: a new entrance to the broad paradigm of systems molecular medicine. <i>Physiological Genomics</i> , 2009, 38, 113-115.	1.0	39
359	MicroRNAs in <i>C. elegans</i> Aging: Molecular Insurance for Robustness?. <i>Current Genomics</i> , 2009, 10, 144-153.	0.7	42
360	RNA Silencing: Recent Developments on miRNAs. <i>Recent Patents on DNA & Gene Sequences</i> , 2009, 3, 77-87.	0.7	9
361	MicroRNAs and Ischemic Heart Disease: Towards a Better Comprehension of Pathogenesis, New Diagnostic Tools and New Therapeutic Targets. <i>Recent Patents on Cardiovascular Drug Discovery</i> , 2009, 4, 109-118.	1.5	50
362	Perspectives in Cell Cycle Regulation: Lessons from an Anoxic Vertebrate. <i>Current Genomics</i> , 2009, 10, 573-584.	0.7	44
363	MicroRNA: Implications for Alzheimer Disease and other Human CNS Disorders. <i>Current Genomics</i> , 2009, 10, 154-168.	0.7	194
364	Pharmacogenetics of Drug Metabolizing Enzymes and Transporters: Effects on Pharmacokinetics and Pharmacodynamics of Anticancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2010, 10, 583-592.	0.9	25
365	Role of MicroRNAs in Cardiovascular Disease: Therapeutic Challenges and Potentials. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 56, 444-453.	0.8	55
366	MicroRNAs and Their Therapeutic Potential for Human Diseases: Aberrant MicroRNA Expression in Alzheimer's Disease Brains. <i>Journal of Pharmacological Sciences</i> , 2010, 114, 269-275.	1.1	58
367	Caveolin-1 mediates tumor cell migration and invasion and its regulation by miR-133a in head and neck squamous cell carcinoma. <i>International Journal of Oncology</i> , 2010, 38, .	1.4	41
368	miR-1226 targets expression of the mucin 1 oncoprotein and induces cell death. <i>International Journal of Oncology</i> , 2010, 37, 61-9.	1.4	39
370	MicroRNAs in erythropoiesis. <i>Current Opinion in Hematology</i> , 2010, 17, 1.	1.2	36
372	Suppression of A549 lung cancer cell migration by precursor let-7g microRNA. <i>Molecular Medicine Reports</i> , 2010, 3, 1007-13.	1.1	10

#	ARTICLE	IF	CITATIONS
373	Prox1 expression is negatively regulated by miR-181 in endothelial cells. <i>Blood</i> , 2010, 116, 2395-2401.	0.6	148
374	Regulation of fibrinogen production by microRNAs. <i>Blood</i> , 2010, 116, 2608-2615.	0.6	93
375	Translation deregulation in B-cell lymphomas. <i>Biochemical Society Transactions</i> , 2010, 38, 1593-1597.	1.6	7
376	Proteomic-based screening of miRNAs metabolic pathway targeting. <i>International Journal of Computational Biology and Drug Design</i> , 2010, 3, 164.	0.3	2
377	miReg: a resource for microRNA regulation. <i>Journal of Integrative Bioinformatics</i> , 2010, 7, .	1.0	12
378	Pdcd4 tumor suppressor: Properties, functions, and possible applications in oncology. <i>Molecular Genetics, Microbiology and Virology</i> , 2010, 25, 47-55.	0.0	4
379	The role of KSRP in mRNA decay and microRNA precursor maturation. <i>Wiley Interdisciplinary Reviews RNA</i> , 2010, 1, 230-239.	3.2	56
380	Hematopoietic differentiation: a coordinated dynamical process towards attractor stable states. <i>BMC Systems Biology</i> , 2010, 4, 85.	3.0	23
381	Energy Signaling in the Regulation of Gene Expression during Stress. <i>Molecular Plant</i> , 2010, 3, 300-313.	3.9	143
382	KSRP Promotes the Maturation of a Group of miRNA Precursors. <i>Advances in Experimental Medicine and Biology</i> , 2010, 700, 36-42.	0.8	20
383	MIR152, MIR200B, and MIR338, human positional and functional neuroblastoma candidates, are involved in neuroblast differentiation and apoptosis. <i>Journal of Molecular Medicine</i> , 2010, 88, 1041-1053.	1.7	37
384	Computational approaches for microRNA studies: a review. <i>Mammalian Genome</i> , 2010, 21, 1-12.	1.0	152
385	RNA localization in neurite morphogenesis and synaptic regulation: current evidence and novel approaches. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2010, 196, 321-334.	0.7	23
386	Many ways to generate microRNA-like small RNAs: non-canonical pathways for microRNA production. <i>Molecular Genetics and Genomics</i> , 2010, 284, 95-103.	1.0	201
387	Susceptibility to chronic thromboembolic pulmonary hypertension may be conferred by miR-759 via its targeted interaction with polymorphic fibrinogen alpha gene. <i>Human Genetics</i> , 2010, 128, 443-452.	1.8	34
388	Comparative transcriptomics for mangrove species: an expanding resource. <i>Functional and Integrative Genomics</i> , 2010, 10, 523-532.	1.4	16
389	MicroRNAs in Cardiac Remodeling and Disease. <i>Journal of Cardiovascular Translational Research</i> , 2010, 3, 212-218.	1.1	26
390	MicroRNAs as Regulators of Signaling Networks in Dilated Cardiomyopathy. <i>Journal of Cardiovascular Translational Research</i> , 2010, 3, 225-234.	1.1	16

#	ARTICLE	IF	CITATIONS
391	Changes of miRNA and mRNA expression in HepG2 cells treated by epigallocatechin gallate. <i>Molecular and Cellular Toxicology</i> , 2010, 6, 169-177.	0.8	13
392	Marek's disease virus-encoded microRNAs: genomics, expression and function. <i>Science China Life Sciences</i> , 2010, 53, 1174-1180.	2.3	24
393	Post-transcriptional regulation of miRNA biogenesis and functions. <i>Frontiers in Biology</i> , 2010, 5, 32-40.	0.7	6
394	Epigenetic regulation of neuronal dendrite and dendritic spine development. <i>Frontiers in Biology</i> , 2010, 5, 304-323.	0.7	24
395	Small RNA Regulators of T Cell-Mediated Autoimmunity. <i>Journal of Clinical Immunology</i> , 2010, 30, 347-357.	2.0	25
396	Metastasis-related miRNAs, active players in breast cancer invasion, and metastasis. <i>Cancer and Metastasis Reviews</i> , 2010, 29, 785-799.	2.7	96
397	MicroRNAs: novel biomarkers for gastrointestinal carcinomas. <i>Molecular and Cellular Biochemistry</i> , 2010, 341, 291-299.	1.4	17
398	Suppression of microRNA accumulation via RNA interference in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 2010, 73, 391-397.	2.0	33
399	Differentially expressed microRNAs regulate plasmacytoid vs. conventional dendritic cell development. <i>Molecular Immunology</i> , 2010, 48, 333-340.	1.0	43
400	Investigating micronutrients and epigenetic mechanisms in relation to inflammatory bowel disease. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 690, 71-80.	0.4	36
401	microRNA: Emerging therapeutic targets in acute ischemic diseases. , 2010, 125, 92-104.		166
402	Control of RNA silencing and localization by endolysosomes. <i>Trends in Cell Biology</i> , 2010, 20, 491-501.	3.6	66
403	Post-transcriptional controls "adding a new layer of regulation to clock gene expression. <i>Trends in Cell Biology</i> , 2010, 20, 533-541.	3.6	17
404	MicroRNA Regulation of Angiogenesis and Arteriogenesis. <i>Trends in Cardiovascular Medicine</i> , 2010, 20, 253-262.	2.3	18
405	Origins and evolution of the mechanisms regulating translation initiation in eukaryotes. <i>Trends in Biochemical Sciences</i> , 2010, 35, 63-73.	3.7	57
406	Unified translation repression mechanism for microRNAs and upstream AUGs. <i>BMC Genomics</i> , 2010, 11, 155.	1.2	21
407	Small RNA expression and strain specificity in the rat. <i>BMC Genomics</i> , 2010, 11, 249.	1.2	71
408	Analysis of microRNA transcriptome by deep sequencing of small RNA libraries of peripheral blood. <i>BMC Genomics</i> , 2010, 11, 288.	1.2	136

#	ARTICLE	IF	CITATIONS
409	Suppression of microRNA-31 increases sensitivity to 5-FU at an early stage, and affects cell migration and invasion in HCT-116 colon cancer cells. <i>BMC Cancer</i> , 2010, 10, 616.	1.1	94
410	Dynamical modeling of microRNA action on the protein translation process. <i>BMC Systems Biology</i> , 2010, 4, 13.	3.0	37
411	MicroRNA-34a: A Novel Tumor Suppressor in p53-mutant Glioma Cell Line U251. <i>Archives of Medical Research</i> , 2010, 41, 67-74.	1.5	106
412	MicroRNA pathways in neural development and plasticity. <i>Current Opinion in Neurobiology</i> , 2010, 20, 457-465.	2.0	76
413	MicroRNAs in the tumor endothelium: Novel controls on the angioregulatory switchboard. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010, 1805, 87-96.	3.3	45
414	Transcriptional control of the glucocorticoid receptor: CpG islands, epigenetics and more. <i>Biochemical Pharmacology</i> , 2010, 80, 1860-1868.	2.0	134
415	Profiles of oxidative stress-related microRNA and mRNA expression in auditory cells. <i>Brain Research</i> , 2010, 1346, 14-25.	1.1	79
416	Examination of the expanding pathways for the regulation of p21 expression and activity. <i>Cellular Signalling</i> , 2010, 22, 1003-1012.	1.7	355
417	The small RNA expression profile of the developing murine urinary and reproductive systems. <i>FEBS Letters</i> , 2010, 584, 4426-4434.	1.3	15
418	A polymorphism in the microRNA-30e precursor associated with major depressive disorder risk and P300 waveform. <i>Journal of Affective Disorders</i> , 2010, 127, 332-336.	2.0	97
419	A polymorphism in the 3' UTR of interleukin-1 receptor-associated kinase (IRAK1), a target gene of miR-146a, is associated with rheumatoid arthritis susceptibility. <i>Joint Bone Spine</i> , 2010, 77, 411-413.	0.8	108
420	Regulation of miR-200 family microRNAs and ZEB transcription factors in ovarian cancer: Evidence supporting a mesothelial-to-epithelial transition. <i>Gynecologic Oncology</i> , 2010, 116, 117-125.	0.6	172
421	MiR-27a modulates MDR1/P-glycoprotein expression by targeting HIPK2 in human ovarian cancer cells. <i>Gynecologic Oncology</i> , 2010, 119, 125-130.	0.6	176
422	miR-20a and miR-29, multifaceted players with a role in tumorigenesis and senescence. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 2633-2640.	1.6	24
423	Alternative splicing of neuroligin and its protein distribution in the outer plexiform layer of the chicken retina. <i>Journal of Comparative Neurology</i> , 2010, 518, 4938-4962.	0.9	12
424	miRNA genes and the brain: implications for psychiatric disorders. <i>Human Mutation</i> , 2010, 31, 1195-1204.	1.1	64
425	miRNAs give worms the time of their lives: Small RNAs and temporal control in <i>Caenorhabditis elegans</i> . <i>Developmental Dynamics</i> , 2010, 239, 1477-1489.	0.8	47
427	<i>APOE</i> mRNA and protein expression in postmortem brain are modulated by an extended haplotype structure. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 409-417.	1.1	62

#	ARTICLE	IF	CITATIONS
428	MicroRNA profiling of Barrett's oesophagus and oesophageal adenocarcinoma. <i>British Journal of Surgery</i> , 2010, 97, 853-861.	0.1	131
429	MicroRNAs "targeting and target prediction. <i>New Biotechnology</i> , 2010, 27, 243-249.	2.4	102
430	Allele-Selective Inhibition of Huntingtin Expression by Switching to an miRNA-like RNAi Mechanism. <i>Chemistry and Biology</i> , 2010, 17, 1183-1188.	6.2	88
431	Ranking of microRNA target prediction scores by Pareto front analysis. <i>Computational Biology and Chemistry</i> , 2010, 34, 284-292.	1.1	6
432	Inactivation of Dicer1 in Steroidogenic factor 1-positive cells reveals tissue-specific requirement for Dicer1 in adrenal, testis, and ovary. <i>BMC Developmental Biology</i> , 2010, 10, 66.	2.1	39
433	Controlled expression of functional miR-122 with a ligand inducible expression system. <i>BMC Biotechnology</i> , 2010, 10, 76.	1.7	6
434	Context-dependent functions of specific microRNAs in neuronal development. <i>Neural Development</i> , 2010, 5, 25.	1.1	139
435	How do miRNAs mediate translational repression?. <i>Silence: A Journal of RNA Regulation</i> , 2010, 1, 11.	8.0	140
436	A structural-based statistical approach suggests a cooperative activity of PUM1 and miR-410 in human 3'-untranslated regions. <i>Silence: A Journal of RNA Regulation</i> , 2010, 1, 17.	8.0	20
437	Similarities between Argonautes and the alpha-sarcin-like ribotoxins: Implications for microRNA action. <i>Protein Science</i> , 2010, 19, 1272-1278.	3.1	1
438	Structure of the dimerization domain of DiGeorge Critical Region 8. <i>Protein Science</i> , 2010, 19, 1354-1365.	3.1	49
439	MicroRNA targeting in mammalian genomes: genes and mechanisms. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2010, 2, 148-161.	6.6	33
440	Circuitry of mRNA regulation. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2010, 2, 245-251.	6.6	20
441	CLOCK and NPAS2 have overlapping roles in the circadian oscillation of arylalkylamine N-acetyltransferase mRNA in chicken cone photoreceptors. <i>Journal of Neurochemistry</i> , 2010, 113, 1296-1306.	2.1	35
442	Immunohistochemical analysis of RNA-induced silencing complex-related proteins AGO2 and TNRC6A in prostate and esophageal cancers. <i>Apmis</i> , 2010, 118, 271-276.	0.9	38
443	MicroRNA identity and abundance in porcine skeletal muscles determined by deep sequencing. <i>Animal Genetics</i> , 2010, 41, 159-168.	0.6	144
444	Cellular context-dependent "colors" of transforming growth factor β^2 signaling. <i>Cancer Science</i> , 2010, 101, 306-312.	1.7	84
445	Aberrant microRNA expression in the brains of neurodegenerative diseases: miR-29a decreased in Alzheimer disease brains targets neurone navigator 3. <i>Neuropathology and Applied Neurobiology</i> , 2010, 36, 320-330.	1.8	263

#	ARTICLE	IF	CITATIONS
446	RNA Silencing in the Antiviral Innate Immune Defence – Role of DEAD-box RNA Helicases. <i>Scandinavian Journal of Immunology</i> , 2010, 71, 146-158.	1.3	21
447	The Role of microRNA-146a (miR-146a) and its Target IL-1R-Associated Kinase (IRAK1) in Psoriatic Arthritis Susceptibility. <i>Scandinavian Journal of Immunology</i> , 2010, 71, 382-385.	1.3	103
448	Poleovirus protein P0 prevents the assembly of small RNA-containing RISC complexes and leads to degradation of ARGONAUTE1. <i>Plant Journal</i> , 2010, 62, 463-472.	2.8	173
449	microRNAs, RNA binding proteins and cancer. <i>European Journal of Clinical Investigation</i> , 2010, 40, 370-374.	1.7	39
450	Structural insights into the human GW182-PABC interaction in microRNA-mediated deadenylation. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 238-240.	3.6	92
451	Circulating microRNAs in plasma of patients with gastric cancers. <i>British Journal of Cancer</i> , 2010, 102, 1174-1179.	2.9	573
452	Design and evaluation of a panel of single-nucleotide polymorphisms in microRNA genomic regions for association studies in human disease. <i>European Journal of Human Genetics</i> , 2010, 18, 218-226.	1.4	34
453	Formation of GW/P bodies as marker for microRNA-mediated regulation of innate immune signaling in THP-1 cells. <i>Immunology and Cell Biology</i> , 2010, 88, 205-212.	1.0	35
454	Structural basis for 5'-nucleotide base-specific recognition of guide RNA by human AGO2. <i>Nature</i> , 2010, 465, 818-822.	13.7	548
455	Mammalian microRNAs predominantly act to decrease target mRNA levels. <i>Nature</i> , 2010, 466, 835-840.	13.7	3,513
456	E2F1-inducible microRNA 449a/b suppresses cell proliferation and promotes apoptosis. <i>Cell Death and Differentiation</i> , 2010, 17, 452-458.	5.0	178
457	A Pumilio-induced RNA structure switch in p27-3' UTR controls miR-221 and miR-222 accessibility. <i>Nature Cell Biology</i> , 2010, 12, 1014-1020.	4.6	369
458	RNA processing and its regulation: global insights into biological networks. <i>Nature Reviews Genetics</i> , 2010, 11, 75-87.	7.7	639
459	Physiological and pathological roles for microRNAs in the immune system. <i>Nature Reviews Immunology</i> , 2010, 10, 111-122.	10.6	1,391
460	MicroRNA control of signal transduction. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 252-263.	16.1	1,145
461	Role of GW182 proteins and PABPC1 in the miRNA pathway: a sense of deadenylation. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 379-384.	16.1	78
462	MicroRNAs of the immune system. <i>Annals of the New York Academy of Sciences</i> , 2010, 1183, 183-194.	1.8	149
463	Identification and Functional Characterization of microRNAs Involved in the Malignant Progression of Gliomas. <i>Brain Pathology</i> , 2010, 20, 539-550.	2.1	324

#	ARTICLE	IF	CITATIONS
464	Differential regulation of mature and precursor microRNA expression by NMDA and metabotropic glutamate receptor activation during LTP in the adult dentate gyrus <i>in vivo</i> . <i>European Journal of Neuroscience</i> , 2010, 31, 636-645.	1.2	130
465	Review: The role of microRNAs in kidney disease. <i>Nephrology</i> , 2010, 15, 599-608.	0.7	124
466	microRNAs in diseases: from candidate to modifier genes. <i>Clinical Genetics</i> , 2010, 77, 306-313.	1.0	87
467	miR-126 and miR-126*: New Players in Cancer. <i>Scientific World Journal</i> , The, 2010, 10, 2090-2100.	0.8	188
468	Control of Gene Expression. , 2010, , 51-69.		0
469	<i>Helicobacter pylori</i> Induces miR-155 in T Cells in a cAMP-Foxp3-Dependent Manner. <i>PLoS ONE</i> , 2010, 5, e9500.	1.1	89
470	MicroRNA-210 Regulates Mitochondrial Free Radical Response to Hypoxia and Krebs Cycle in Cancer Cells by Targeting Iron Sulfur Cluster Protein ISCU. <i>PLoS ONE</i> , 2010, 5, e10345.	1.1	276
471	MicroRNA-29b Regulates the Expression Level of Human Progranulin, a Secreted Glycoprotein Implicated in Frontotemporal Dementia. <i>PLoS ONE</i> , 2010, 5, e10551.	1.1	80
472	Analysis of Antisense Expression by Whole Genome Tiling Microarrays and siRNAs Suggests Mis-Annotation of Arabidopsis Orphan Protein-Coding Genes. <i>PLoS ONE</i> , 2010, 5, e10710.	1.1	4
473	The Fate of miRNA* Strand through Evolutionary Analysis: Implication for Degradation As Merely Carrier Strand or Potential Regulatory Molecule?. <i>PLoS ONE</i> , 2010, 5, e11387.	1.1	198
474	Regulation of Heparin-Binding EGF-Like Growth Factor by miR-212 and Acquired Cetuximab-Resistance in Head and Neck Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2010, 5, e12702.	1.1	128
475	The MicroRNA and MessengerRNA Profile of the RNA-Induced Silencing Complex in Human Primary Astrocyte and Astrocytoma Cells. <i>PLoS ONE</i> , 2010, 5, e13445.	1.1	27
476	Rheumatoid Arthritis and microRNA. <i>The Journal of the Korean Rheumatism Association</i> , 2010, 17, 230.	0.1	1
477	Regulation of protein synthesis and the role of eIF3 in cancer. <i>Brazilian Journal of Medical and Biological Research</i> , 2010, 43, 920-930.	0.7	45
478	Microrna Let-7: An Emerging Next-Generation Cancer Therapeutic. <i>Current Oncology</i> , 2010, 17, 70-80.	0.9	226
479	Genetics of Hypertension and Cardiovascular Disease. <i>International Journal of Hypertension</i> , 2010, 1-2.	0.5	2
480	Global Phosphoproteomics Identifies a Major Role for AKT and 14-3-3 in Regulating EDC3. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 682-694.	2.5	37
481	Architectural Epigenetics: Mitotic Retention of Mammalian Transcriptional Regulatory Information. <i>Molecular and Cellular Biology</i> , 2010, 30, 4758-4766.	1.1	46

#	ARTICLE	IF	CITATIONS
482	Multiple E2F-Induced MicroRNAs Prevent Replicative Stress in Response to Mitogenic Signaling. <i>Molecular and Cellular Biology</i> , 2010, 30, 2983-2995.	1.1	101
483	Cutting Edge: TNF-Induced MicroRNAs Regulate TNF-Induced Expression of E-Selectin and Intercellular Adhesion Molecule-1 on Human Endothelial Cells: Feedback Control of Inflammation. <i>Journal of Immunology</i> , 2010, 184, 21-25.	0.4	293
484	microRNA-222 Controls Neovascularization by Regulating Signal Transducer and Activator of Transcription 5A Expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1562-1568.	1.1	179
485	A global comparison between nuclear and cytosolic transcriptomes reveals differential compartmentalization of alternative transcript isoforms. <i>Nucleic Acids Research</i> , 2010, 38, 1086-1097.	6.5	25
486	MicroRNA-target pairs in human renal epithelial cells treated with transforming growth factor β 21: a novel role of miR-382. <i>Nucleic Acids Research</i> , 2010, 38, 8338-8347.	6.5	112
487	DGCR8 recognizes primary transcripts of microRNAs through highly cooperative binding and formation of higher-order structures. <i>Rna</i> , 2010, 16, 1570-1583.	1.6	52
488	The GW/WG repeats of <i>Drosophila</i> GW182 function as effector motifs for miRNA-mediated repression. <i>Nucleic Acids Research</i> , 2010, 38, 6673-6683.	6.5	31
489	Minireview: Global Regulation and Dynamics of Ribonucleic Acid. <i>Endocrinology</i> , 2010, 151, 1391-1397.	1.4	81
490	Renal Medullary MicroRNAs in Dahl Salt-Sensitive Rats. <i>Hypertension</i> , 2010, 55, 974-982.	1.3	218
491	Regulation of WNK1 Expression by miR-192 and Aldosterone. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 1724-1731.	3.0	58
492	Inference for the Initial Stage of Domain Shuffling: Tracing the Evolutionary Fate of the PIPSL Retrogene in Hominoids. <i>Molecular Biology and Evolution</i> , 2010, 27, 2522-2533.	3.5	15
493	MicroRNA-519c Suppresses Hypoxia-Inducible Factor-1 α Expression and Tumor Angiogenesis. <i>Cancer Research</i> , 2010, 70, 2675-2685.	0.4	187
494	Signatures of MicroRNAs and Selected MicroRNA Target Genes in Human Melanoma. <i>Cancer Research</i> , 2010, 70, 4163-4173.	0.4	204
495	The evolutionary-developmental analysis of plant microRNAs. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 469-476.	1.8	30
496	Regulation of Tumor Necrosis Factor-Like Weak Inducer of Apoptosis Receptor Protein (TWEAKR) Expression by Kaposi's Sarcoma-Associated Herpesvirus MicroRNA Prevents TWEAK-Induced Apoptosis and Inflammatory Cytokine Expression. <i>Journal of Virology</i> , 2010, 84, 12139-12151.	1.5	132
497	Sequence context outside the target region influences the effectiveness of miR-223 target sites in the RhoB 3'UTR. <i>Nucleic Acids Research</i> , 2010, 38, 239-252.	6.5	67
498	Numerical modelling of microRNA-mediated mRNA decay identifies novel mechanism of microRNA controlled mRNA downregulation. <i>Nucleic Acids Research</i> , 2010, 38, 4579-4585.	6.5	23
499	Hypomethylation and genome instability in the germline of exposed parents and their progeny is associated with altered miRNA expression. <i>Carcinogenesis</i> , 2010, 31, 1110-1115.	1.3	102

#	ARTICLE	IF	CITATIONS
500	PPARs and Anticancer Therapies. PPAR Research, 2010, 2010, 1-2.	1.1	5
501	miR-124 and miR-203 are epigenetically silenced tumor-suppressive microRNAs in hepatocellular carcinoma. Carcinogenesis, 2010, 31, 766-776.	1.3	538
502	A mutation in the 3' UTR of the HDAC6 gene abolishing the post-transcriptional regulation mediated by hsa-miR-433 is linked to a new form of dominant X-linked chondrodysplasia. Human Molecular Genetics, 2010, 19, 2015-2027.	1.4	80
503	The Intracellular Delivery of a Recombinant Peptide Derived from the Acidic Domain of PIAS3 Inhibits STAT3 Transactivation and Induces Tumor Cell Death. Molecular Cancer Research, 2010, 8, 539-553.	1.5	33
504	Translational Implications of MicroRNAs in Clinical Diagnostics and Therapeutics. , 2010, , 2965-2981.		5
505	Deep Sequencing of Human Nuclear and Cytoplasmic Small RNAs Reveals an Unexpectedly Complex Subcellular Distribution of miRNAs and tRNA 3' Trailers. PLoS ONE, 2010, 5, e10563.	1.1	265
506	MicroRNA Loss Enhances Learning and Memory in Mice. Journal of Neuroscience, 2010, 30, 14835-14842.	1.7	276
507	Adenovirus VA RNA-derived miRNAs target cellular genes involved in cell growth, gene expression and DNA repair. Nucleic Acids Research, 2010, 38, 750-763.	6.5	210
508	Decoding transcription and microRNA-mediated translation control in Drosophila development. Biological Chemistry, 2010, 391, 767-70.	1.2	5
509	MicroRNAs, macrocontrol: Regulation of miRNA processing. Rna, 2010, 16, 1087-1095.	1.6	229
510	miR-31: A crucial overseer of tumor metastasis and other emerging roles. Cell Cycle, 2010, 9, 2124-2129.	1.3	106
511	miR-214 Regulates Lactoferrin Expression and Pro-Apoptotic Function in Mammary Epithelial Cells. Journal of Nutrition, 2010, 140, 1552-1556.	1.3	53
512	Conserved vertebrate mir-451 provides a platform for Dicer-independent, Ago2-mediated microRNA biogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15163-15168.	3.3	389
513	MicroRNA binding site polymorphisms as biomarkers of cancer risk. Expert Review of Molecular Diagnostics, 2010, 10, 817-829.	1.5	65
514	MiR-148a Attenuates Paclitaxel Resistance of Hormone-refractory, Drug-resistant Prostate Cancer PC3 Cells by Regulating MSK1 Expression. Journal of Biological Chemistry, 2010, 285, 19076-19084.	1.6	173
515	miRNA malfunction causes spinal motor neuron disease. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13111-13116.	3.3	299
516	Antisense tools for functional studies of human Argonaute proteins. Rna, 2010, 16, 2529-2536.	1.6	8
517	Fragile X protein family member FXR1P is regulated by microRNAs. Rna, 2010, 16, 1530-1539.	1.6	25

#	ARTICLE	IF	CITATIONS
518	A myriad of miRNA variants in control and Huntingtonâ€™s disease brain regions detected by massively parallel sequencing. <i>Nucleic Acids Research</i> , 2010, 38, 7219-7235.	6.5	270
519	miR-31 Functions as a Negative Regulator of Lymphatic Vascular Lineage-Specific Differentiation <i>In Vitro</i> and Vascular Development <i>In Vivo</i> . <i>Molecular and Cellular Biology</i> , 2010, 30, 3620-3634.	1.1	102
520	The RNA-binding protein bicaudal C regulates polycystin 2 in the kidney by antagonizing miR-17 activity. <i>Development (Cambridge)</i> , 2010, 137, 1107-1116.	1.2	129
521	Tandem affinity purification of miRNA target mRNAs (TAP-Tar). <i>Nucleic Acids Research</i> , 2010, 38, e20-e20.	6.5	62
522	Human polynucleotide phosphorylase selectively and preferentially degrades microRNA-221 in human melanoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11948-11953.	3.3	94
523	Canonical and alternate functions of the microRNA biogenesis machinery. <i>Genes and Development</i> , 2010, 24, 1951-1960.	2.7	203
524	MicroRNA-210 as a Novel Therapy for Treatment of Ischemic Heart Disease. <i>Circulation</i> , 2010, 122, S124-31.	1.6	407
525	The Interface of MicroRNAs and Transcription Factor Networks. , 2010, , 109-137.		1
526	The role of the miR-200 family in epithelial-mesenchymal transition. <i>Cancer Biology and Therapy</i> , 2010, 10, 219-222.	1.5	249
527	MicroRNAs Distinguish Translational from Transcriptional Silencing during Endotoxin Tolerance. <i>Journal of Biological Chemistry</i> , 2010, 285, 20940-20951.	1.6	130
528	MicroRNA-101 Targets MAPK Phosphatase-1 To Regulate the Activation of MAPKs in Macrophages. <i>Journal of Immunology</i> , 2010, 185, 7435-7442.	0.4	145
529	MicroRNA-19a mediates the suppressive effect of laminar flow on cyclin D1 expression in human umbilical vein endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3240-3244.	3.3	212
530	Somatic sex determination in <i>Caenorhabditis elegans</i> is modulated by SUP-26 repression of tra-2 translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18022-18027.	3.3	29
531	Metabolic rate depression. <i>Advances in Clinical Chemistry</i> , 2010, 52, 77-108.	1.8	107
532	Cardiovascular Disease, Single Nucleotide Polymorphisms; and the Renin Angiotensin System: Is There a MicroRNA Connection?. <i>International Journal of Hypertension</i> , 2010, 2010, 1-13.	0.5	30
533	Targeting microRNA-122 to Treat Hepatitis C Virus Infection. <i>Viruses</i> , 2010, 2, 1382-1393.	1.5	42
534	Dicer-independent, Ago2-mediated microRNA biogenesis in vertebrates. <i>Cell Cycle</i> , 2010, 9, 4455-4460.	1.3	102
535	Genome Sequence of the Pea Aphid <i>Acyrtosiphon pisum</i> . <i>PLoS Biology</i> , 2010, 8, e1000313.	2.6	913

#	ARTICLE	IF	CITATIONS
536	MicroRNA Antagonism of the Picornaviral Life Cycle: Alternative Mechanisms of Interference. PLoS Pathogens, 2010, 6, e1000820.	2.1	50
537	MicroRNAs and Developmental Robustness: A New Layer Is Revealed. PLoS Biology, 2010, 8, e1000397.	2.6	14
538	Gene-family profiling: a normalization-free real-time RT-PCR approach with increased physiological resolution. Physiological Genomics, 2010, 42, 1-4.	1.0	17
539	Microarray analysis of gene expression during early development: a cautionary overview. Reproduction, 2010, 140, 787-801.	1.1	29
540	Organization, Variation and Expression of the Human Genome. , 2010, , 13-26.		1
541	Identification of the <i>miR-106b</i> ~ <i>miR-25</i> MicroRNA Cluster as a Proto-Oncogenic <i>PTEN</i> -Targeting Intron That Cooperates with Its Host Gene <i>MCM7</i> in Transformation. Science Signaling, 2010, 3, ra29.	1.6	390
542	Anticancer Role of PPAR Agonists in Hematological Malignancies Found in the Vasculature, Marrow, and Eyes. PPAR Research, 2010, 2010, 1-36.	1.1	91
543	MicroRNAs as a target for novel antipsychotics: a systematic review of an emerging field. International Journal of Neuropsychopharmacology, 2010, 13, 395.	1.0	35
544	Ligand-driven activation of the Notch pathway in T-cell and solid tumors: Why Not(ch)? Cell Cycle, 2010, 9, 80-85.	1.3	16
545	Small RNA-directed transcriptional control: New insights into mechanisms and therapeutic applications. Cell Cycle, 2010, 9, 2353-2362.	1.3	14
546	The decapping activator HPat a novel factor co-purifying with GW182 from Drosophila cells. RNA Biology, 2010, 7, 381-385.	1.5	12
547	Disrupted microRNA expression caused by Mecp2 loss in a mouse model of Rett syndrome. Epigenetics, 2010, 5, 656-663.	1.3	125
548	To polyadenylate or to deadenylate. Cell Cycle, 2010, 9, 4437-4449.	1.3	76
549	Research Highlights. Immunotherapy, 2010, 2, 9-12.	1.0	2
551	The role of microRNAs in endometriosis and associated reproductive conditions. Human Reproduction Update, 2010, 16, 142-165.	5.2	255
552	MicroRNA transcriptome in the newborn mouse ovaries determined by massive parallel sequencing. Molecular Human Reproduction, 2010, 16, 463-471.	1.3	122
553	MicroRNAs in Mammalian Development. Molecular Medicine and Medicinal, 2010, , 95-123.	0.4	0
554	MicroRNAs Function as Tumor Suppressor Genes and Oncogenes. Molecular Medicine and Medicinal, 2010, , 149-184.	0.4	3

#	ARTICLE	IF	CITATIONS
555	MicroRNA Target Prediction. <i>Modular Medicine and Medicinal</i> , 2010, , 237-263.	0.4	4
556	MicroRNAs in <i>C. elegans</i> Development. <i>Modular Medicine and Medicinal</i> , 2010, , 51-93.	0.4	0
557	Cytoplasmic deadenylation: regulation of mRNA fate. <i>Biochemical Society Transactions</i> , 2010, 38, 1531-1536.	1.6	69
558	Can our understanding of epigenetics assist with primary prevention of congenital defects?. <i>Journal of Medical Genetics</i> , 2010, 47, 73-80.	1.5	25
559	Properties of the Regulatory RNA-Binding Protein HuR and its Role in Controlling miRNA Repression. <i>Advances in Experimental Medicine and Biology</i> , 2010, 700, 106-123.	0.8	87
560	MicroRNases and the Regulated Degradation of Mature Animal miRNAs. <i>Advances in Experimental Medicine and Biology</i> , 2010, 700, 140-155.	0.8	25
561	Checks and balances: E2F ¹ microRNA crosstalk in cancer control. <i>Cell Cycle</i> , 2010, 9, 2555-2567.	1.3	74
562	Precedents for the Biological Control of Aging: Experimental Postponement, Prevention, and Reversal of Aging Processes. , 2010, , 127-223.		33
563	Epigenetics and cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2010, 7, 510-519.	6.1	340
564	Target mRNA abundance dilutes microRNA and siRNA activity. <i>Molecular Systems Biology</i> , 2010, 6, 363.	3.2	299
565	More insight into mesenchymal stem cells and their effects inside the body. <i>Expert Opinion on Biological Therapy</i> , 2010, 10, 215-230.	1.4	78
566	Mechanism of translational regulation by miR-2 from sites in the 5' untranslated region or the open reading frame. <i>Rna</i> , 2010, 16, 2493-2502.	1.6	135
567	MiR-145, a new regulator of the DNA Fragmentation Factor-45 (DFF45)-mediated apoptotic network. <i>Molecular Cancer</i> , 2010, 9, 211.	7.9	76
568	Non-coding RNAs and their epigenetic regulatory mechanisms. <i>Biology of the Cell</i> , 2010, 102, 645-655.	0.7	77
569	MicroRNAs and prostate cancer. <i>Acta Biochimica Et Biophysica Sinica</i> , 2010, 42, 363-369.	0.9	158
570	Mechanisms of control of microRNA biogenesis. <i>Journal of Biochemistry</i> , 2010, 148, 381-92.	0.9	202
571	MicroRNA in Cancer: The Involvement of Aberrant MicroRNA Biogenesis Regulatory Pathways. <i>Genes and Cancer</i> , 2010, 1, 1100-1114.	0.6	157
572	The role of the blood transcriptome in innate inflammation and stroke. <i>Annals of the New York Academy of Sciences</i> , 2010, 1207, 41-45.	1.8	12

#	ARTICLE	IF	CITATIONS
573	Single-Nucleotide Polymorphisms Inside MicroRNA Target Sites Influence Tumor Susceptibility. <i>Cancer Research</i> , 2010, 70, 2789-2798.	0.4	365
574	MicroRNA-21 and MicroRNA-148a Contribute to DNA Hypomethylation in Lupus CD4+ T Cells by Directly and Indirectly Targeting DNA Methyltransferase 1. <i>Journal of Immunology</i> , 2010, 184, 6773-6781.	0.4	499
575	Posttranscriptional Regulation of PTEN Dosage by Noncoding RNAs. <i>Science Signaling</i> , 2010, 3, pe39.	1.6	37
576	miRNA Effects on mRNA Closed-Loop Formation During Translation Initiation. <i>Progress in Molecular and Subcellular Biology</i> , 2010, 50, 99-112.	0.9	14
577	Viral miRNAs: tools for immune evasion. <i>Current Opinion in Microbiology</i> , 2010, 13, 540-545.	2.3	65
578	Posttranscriptional Regulation of MicroRNA Biogenesis in Animals. <i>Molecular Cell</i> , 2010, 38, 323-332.	4.5	507
579	Expanding the MicroRNA Targeting Code: Functional Sites with Centered Pairing. <i>Molecular Cell</i> , 2010, 38, 789-802.	4.5	534
580	MicroRNA Biogenesis via Splicing and Exosome-Mediated Trimming in <i>Drosophila</i> . <i>Molecular Cell</i> , 2010, 38, 900-907.	4.5	147
581	Pervasive and Cooperative Deadenylation of 3'UTRs by Embryonic MicroRNA Families. <i>Molecular Cell</i> , 2010, 40, 558-570.	4.5	92
582	Intronic miR-211 Assumes the Tumor Suppressive Function of Its Host Gene in Melanoma. <i>Molecular Cell</i> , 2010, 40, 841-849.	4.5	246
583	miR-223 is overexpressed in T-lymphocytes of patients affected by rheumatoid arthritis. <i>Human Immunology</i> , 2010, 71, 206-211.	1.2	329
584	The let-7 family of microRNAs inhibits Bcl-xL expression and potentiates sorafenib-induced apoptosis in human hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2010, 52, 698-704.	1.8	320
585	microRNAs, the cell's Nepenthe: clearing the past during the maternal-to-zygotic transition and cellular reprogramming. <i>Current Opinion in Genetics and Development</i> , 2010, 20, 369-375.	1.5	59
586	One-step identification of conserved miRNAs, their targets, potential transcription factors and effector genes of complete secondary metabolism pathways after 454 pyrosequencing of calyx cDNAs from the Labiate <i>Salvia sclarea</i> L. <i>Gene</i> , 2010, 450, 55-62.	1.0	52
587	miR-584 mediates post-transcriptional expression of lactoferrin receptor in Caco-2 cells and in mouse small intestine during the perinatal period. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1363-1369.	1.2	37
588	The complexities of microRNA regulation: mirandering around the rules. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1316-1329.	1.2	213
589	The road toward microRNA therapeutics. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1298-1305.	1.2	89
590	mir-17-92, a cluster of miRNAs in the midst of the cancer network. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1348-1354.	1.2	403

#	ARTICLE	IF	CITATIONS
591	Advancing a functional genomics for schizophrenia: Psychopathological and cognitive phenotypes in mutants with gene disruption. <i>Brain Research Bulletin</i> , 2010, 83, 162-176.	1.4	31
592	Multidirectional interplay between nuclear receptors and microRNAs. <i>Current Opinion in Pharmacology</i> , 2010, 10, 637-642.	1.7	26
593	MicroRNA Regulatory Networks in Cardiovascular Development. <i>Developmental Cell</i> , 2010, 18, 510-525.	3.1	466
594	MicroRNAs determine human intestinal epithelial cell fate. <i>Differentiation</i> , 2010, 80, 147-154.	1.0	53
595	Suppression of type I collagen production by microRNA-29b in cultured human stellate cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 316-321.	1.0	119
596	MicroRNAs target gene and signaling pathway by bioinformatics analysis in the cardiac hypertrophy. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 380-385.	1.0	22
597	MicroRNAs: From Decay to Decoy. <i>Cell</i> , 2010, 140, 612-614.	13.5	43
598	Characterizing Light-Regulated Retinal MicroRNAs Reveals Rapid Turnover as a Common Property of Neuronal MicroRNAs. <i>Cell</i> , 2010, 141, 618-631.	13.5	431
599	Lineage-Specific Transcriptional Regulation of DICER by MITF in Melanocytes. <i>Cell</i> , 2010, 141, 994-1005.	13.5	113
600	A MicroRNA Targeting Dicer for Metastasis Control. <i>Cell</i> , 2010, 141, 1195-1207.	13.5	619
601	Regulation of Synaptic Structure and Function by FMRP-Associated MicroRNAs miR-125b and miR-132. <i>Neuron</i> , 2010, 65, 373-384.	3.8	657
602	Oligodendrocytes and the "Micro Brake" of Progenitor Cell Proliferation. <i>Neuron</i> , 2010, 65, 577-579.	3.8	32
603	MicroRNA-9 Coordinates Proliferation and Migration of Human Embryonic Stem Cell-Derived Neural Progenitors. <i>Cell Stem Cell</i> , 2010, 6, 323-335.	5.2	307
604	miR-130b Promotes CD133+ Liver Tumor-Initiating Cell Growth and Self-Renewal via Tumor Protein 53-Induced Nuclear Protein 1. <i>Cell Stem Cell</i> , 2010, 7, 694-707.	5.2	368
605	microRNAs and cholesterol metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2010, 21, 699-706.	3.1	127
606	Computational methods to identify miRNA targets. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 738-744.	2.3	51
607	Dysregulated microRNAs in neurodegenerative disorders. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 768-773.	2.3	91
608	Estructura y función del ADN y de los genes II. Tipos de alteraciones de la función del gen por procesos epigenéticos. <i>Semergen</i> , 2010, 36, 332-335.	0.2	2

#	ARTICLE	IF	CITATIONS
609	Spatiotemporally restricted regulation of generic motor neuron programs by miR-196-mediated repression of Hoxb8. <i>Developmental Biology</i> , 2010, 344, 857-868.	0.9	44
610	The plasticity of the mammalian transcriptome. <i>Genomics</i> , 2010, 95, 1-6.	1.3	64
611	Stimulation of pri-miR-18a Processing by hnRNP A1. <i>Advances in Experimental Medicine and Biology</i> , 2010, 700, 28-35.	0.8	38
612	MicroRNA expression profiling in the prefrontal cortex of individuals affected with schizophrenia and bipolar disorders. <i>Schizophrenia Research</i> , 2010, 124, 183-191.	1.1	258
613	Muscular microRNA expressions in healthy and myopathic horses suffering from polysaccharide storage myopathy or recurrent exertional rhabdomyolysis. <i>Equine Veterinary Journal</i> , 2010, 42, 303-310.	0.9	28
614	Regulation of mRNA Translation and Stability by microRNAs. <i>Annual Review of Biochemistry</i> , 2010, 79, 351-379.	5.0	2,694
615	The evolving concept of "melano-miRs" microRNAs in melanomagenesis. <i>Pigment Cell and Melanoma Research</i> , 2010, 23, 620-626.	1.5	25
616	Argonaute proteins at a glance. <i>Journal of Cell Science</i> , 2010, 123, 1819-1823.	1.2	182
617	The Key Features of RNA Silencing. , 2010, , 1-28.		0
620	S.04.06 Altered aggressive behaviour following genetic and pharmacological manipulation of serotonin autoinhibition. <i>European Neuropsychopharmacology</i> , 2010, 20, S167.	0.3	0
621	MicroRNA dysregulation in psychiatric disease. <i>Brain Research</i> , 2010, 1338, 89-99.	1.1	184
622	MicroRNA Regulation of Embryonic Stem Cell Self-Renewal and Differentiation. <i>Advances in Experimental Medicine and Biology</i> , 2010, 695, 105-117.	0.8	52
623	Structure and RNA Interactions of the Plant MicroRNA Processing-Associated Protein HYL1. <i>Biochemistry</i> , 2010, 49, 8237-8239.	1.2	31
624	MicroRNAs and target site screening reveals a pre-microRNA-30e variant associated with schizophrenia. <i>Schizophrenia Research</i> , 2010, 119, 219-227.	1.1	93
625	Resistance May Not Be Futile: microRNA Biomarkers for Chemoresistance and Potential Therapeutics. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 3126-3136.	1.9	147
626	MBP-1 Upregulates miR-29b, Which Represses Mcl-1, Collagens, and Matrix Metalloproteinase-2 in Prostate Cancer Cells. <i>Genes and Cancer</i> , 2010, 1, 381-387.	0.6	113
627	The Role of microRNAs in Drug Addiction. <i>International Review of Neurobiology</i> , 2010, 91, 1-24.	0.9	39
628	microRNAs in heart disease: putative novel therapeutic targets?. <i>European Heart Journal</i> , 2010, 31, 649-658.	1.0	148

#	ARTICLE	IF	CITATIONS
629	The Role of Hypoxia Regulated microRNAs in Cancer. <i>Current Topics in Microbiology and Immunology</i> , 2010, 345, 47-70.	0.7	34
632	Probing the Transition State for Nucleic Acid Hybridization Using $\hat{\Delta}$ -Value Analysis. <i>Biochemistry</i> , 2010, 49, 3420-3426.	1.2	7
633	miR-221/222 suppression protects against endoplasmic reticulum stress-induced apoptosis via p27Kip1- and MEK/ERK-mediated cell cycle regulation. <i>Biological Chemistry</i> , 2010, 391, 791-801.	1.2	56
634	MicroRNAs and their target gene networks in breast cancer. <i>Breast Cancer Research</i> , 2010, 12, 201.	2.2	380
635	Comprehensive modeling of microRNA targets predicts functional non-conserved and non-canonical sites. <i>Genome Biology</i> , 2010, 11, R90.	13.9	1,478
636	The Cell Biology of Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2010, , .	0.8	3
639	The activity and expression of microRNAs in prostate cancers. <i>Molecular BioSystems</i> , 2010, 6, 2561.	2.9	20
640	Non-coding RNAs: a key to future personalized molecular therapy?. <i>Genome Medicine</i> , 2010, 2, 12.	3.6	97
641	Identification and quantitative analyses of microRNAs located in the distal axons of sympathetic neurons. <i>Rna</i> , 2010, 16, 1516-1529.	1.6	163
642	Alteration of microRNA expression correlates to fatty acid-mediated insulin resistance in mouse myoblasts. <i>Molecular BioSystems</i> , 2011, 7, 871-877.	2.9	39
643	miR-615-3p promotes the phagocytic capacity of splenic macrophages by targeting ligand-dependent nuclear receptor corepressor in cirrhosis-related portal hypertension. <i>Experimental Biology and Medicine</i> , 2011, 236, 672-680.	1.1	37
644	Gene expression and hypoxia in breast cancer. <i>Genome Medicine</i> , 2011, 3, 55.	3.6	73
645	MicroRNAs in systemic rheumatic diseases. <i>Arthritis Research and Therapy</i> , 2011, 13, 229.	1.6	107
646	Backward proteomic approach for microrna's target recognition. , 2011, , .		0
647	Mechanisms of chemoresistance in epithelial ovarian cancer: recent discoveries. <i>Expert Review of Obstetrics and Gynecology</i> , 2011, 6, 357-359.	0.4	0
648	BioVLAB-MMIA: A Reconfigurable Cloud Computing Environment for microRNA and mRNA Integrated Analysis. , 2011, , .		0
649	MicroRNA, Nutrition, and Cancer Prevention. <i>Advances in Nutrition</i> , 2011, 2, 472-485.	2.9	120
650	Circulating MicroRNAs in Patients with Active Pulmonary Tuberculosis. <i>Journal of Clinical Microbiology</i> , 2011, 49, 4246-4251.	1.8	220

#	ARTICLE	IF	CITATIONS
651	MYCN-regulated miRNA-92 inhibits secretion of the tumor suppressor DICKKOPF-3 (DKK3) in neuroblastoma. <i>Carcinogenesis</i> , 2011, 32, 1005-1012.	1.3	67
652	Inhibition of Translation by Small RNA-Stabilized mRNA Structures in Human Cells. <i>Journal of the American Chemical Society</i> , 2011, 133, 19153-19159.	6.6	35
653	Tumor suppressive microRNA-375 regulates oncogene AEG-1/MTDH in head and neck squamous cell carcinoma (HNSCC). <i>Journal of Human Genetics</i> , 2011, 56, 595-601.	1.1	107
654	Bookmarking the Genome: Maintenance of Epigenetic Information. <i>Journal of Biological Chemistry</i> , 2011, 286, 18355-18361.	1.6	76
656	Quantifying negative feedback regulation by micro-RNAs. <i>Physical Biology</i> , 2011, 8, 055002.	0.8	19
657	starBase: a database for exploring microRNA-mRNA interaction maps from Argonaute CLIP-Seq and Degradome-Seq data. <i>Nucleic Acids Research</i> , 2011, 39, D202-D209.	6.5	738
658	Targeted Delivery of Antisense Inhibitor of miRNA for Antiangiogenesis Therapy Using cRGD-Functionalized Nanoparticles. <i>Molecular Pharmaceutics</i> , 2011, 8, 250-259.	2.3	94
659	A Commentary on microRNA-141 confers resistance to cisplatin-induced apoptosis by targeting YAP1 in human esophageal squamous cell carcinoma. <i>Journal of Human Genetics</i> , 2011, 56, 339-340.	1.1	10
660	The Interleukin 13 (IL-13) Pathway in Human Macrophages Is Modulated by MicroRNA-155 via Direct Targeting of Interleukin 13 Receptor $\beta 1$ (IL13R $\beta 1$). <i>Journal of Biological Chemistry</i> , 2011, 286, 1786-1794.	1.6	281
661	The Liver-Specific MicroRNA miR-122: Biology and Therapeutic Potential. , 2011, , 221-238.		26
662	Comparison of Microarray and Quantitative Real-Time PCR Methods for Measuring MicroRNA Levels in MSC Cultures. <i>Methods in Molecular Biology</i> , 2011, 698, 419-429.	0.4	31
663	Analysis of the Conservative Motifs in Promoters of miRNA Genes, Expressed in Different Tissues of Mammals. , 2011, , 325-340.		0
664	MicroRNA Biogenesis and Cancer. <i>Methods in Molecular Biology</i> , 2011, 676, 3-22.	0.4	109
665	Live Attenuated Influenza Virus Vaccines: NS1 Truncation as an Approach to Virus Attenuation. , 2011, , 195-221.		0
666	MicroRNAs in kidney function and disease. <i>Translational Research</i> , 2011, 157, 236-240.	2.2	41
667	Serum MicroRNA Expression Profiling in Mice Infected with Rabies Virus. <i>Osong Public Health and Research Perspectives</i> , 2011, 2, 186-191.	0.7	8
668	RNA Interference in Mammalian Cell Systems. <i>Hormone Research in Paediatrics</i> , 2011, 75, 63-69.	0.8	11
669	MicroRNA-146a regulates both transcription silencing and translation disruption of TNF- β during TLR4-induced gene reprogramming. <i>Journal of Leukocyte Biology</i> , 2011, 90, 509-519.	1.5	113

#	ARTICLE	IF	CITATIONS
670	ADARs: Viruses and Innate Immunity. <i>Current Topics in Microbiology and Immunology</i> , 2011, 353, 163-195.	0.7	77
672	DNA Methylation and Cancer. , 2011, 67, 1-23.		89
673	Epigenetics and Disease. , 2011, , .		5
674	Chemical modification and design of anti-miRNA oligonucleotides. <i>Gene Therapy</i> , 2011, 18, 1111-1120.	2.3	363
675	The Art of MicroRNA Research. <i>Circulation Research</i> , 2011, 108, 219-234.	2.0	482
676	miR-29 and miR-30 regulate B-Myb expression during cellular senescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 522-527.	3.3	196
677	Systematic Approaches towards the Development of Host-Directed Antiviral Therapeutics. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4027-4052.	1.8	79
678	MicroRNA and Cancer. <i>Methods in Molecular Biology</i> , 2011, , .	0.4	8
679	miRNA-146a in rheumatoid arthritis: a new therapeutic strategy. <i>Immunotherapy</i> , 2011, 3, 829-831.	1.0	39
680	miRNA control of apoptotic programs: focus on ovarian cancer. <i>Expert Review of Molecular Diagnostics</i> , 2011, 11, 277-286.	1.5	18
681	Role of microRNA-155 in autoimmunity. <i>Cytokine and Growth Factor Reviews</i> , 2011, 22, 141-147.	3.2	123
683	Alternative splicing takes shape during neuronal development. <i>Current Opinion in Genetics and Development</i> , 2011, 21, 388-394.	1.5	79
684	Differential allelic expression of c.1568C>A at UGT2B15 is due to variation in a novel cis-regulatory element in the 3'UTR. <i>Gene</i> , 2011, 481, 24-28.	1.0	15
685	Small RNAs derived from longer non-coding RNAs. <i>Biochimie</i> , 2011, 93, 1905-1915.	1.3	139
686	miRNAs in the pathogenesis of oncogenic human viruses. <i>Cancer Letters</i> , 2011, 305, 186-199.	3.2	55
687	MicroRNAs, cancer and cancer stem cells. <i>Cancer Letters</i> , 2011, 300, 10-19.	3.2	161
688	Role of nuclear receptor SHP in metabolism and cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 893-908.	1.8	199
689	Functions of Kaposi's sarcoma-associated herpesvirus microRNAs. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2011, 1809, 623-630.	0.9	21

#	ARTICLE	IF	CITATIONS
690	MicroRNA-101 downregulates Alzheimer's amyloid- β precursor protein levels in human cell cultures and is differentially expressed. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 889-895.	1.0	191
691	MicroRNAs expression in ox-LDL treated HUVECs: MiR-365 modulates apoptosis and Bcl-2 expression. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 127-133.	1.0	77
692	microRNA-101 is a potent inhibitor of autophagy. <i>EMBO Journal</i> , 2011, 30, 4628-4641.	3.5	302
693	MicroRNA Modulation of Cholesterol Homeostasis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2378-2382.	1.1	81
694	MicroRNA in TLR signaling and endotoxin tolerance. <i>Cellular and Molecular Immunology</i> , 2011, 8, 388-403.	4.8	272
695	miR-200a Regulates Nrf2 Activation by Targeting Keap1 mRNA in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 40725-40733.	1.6	268
696	Promoter-Associated Long Noncoding RNAs Repress Transcription Through a RNA Binding Protein TLS. <i>Advances in Experimental Medicine and Biology</i> , 2011, 722, 196-208.	0.8	38
697	Small RNA Discovery and Characterisation in Eukaryotes Using High-Throughput Approaches. <i>Advances in Experimental Medicine and Biology</i> , 2011, 722, 239-254.	0.8	6
698	Plaque rupture is not the cause of takotsubo cardiomyopathy. <i>Medical Hypotheses</i> , 2011, 76, 305-306.	0.8	1
699	Possible involvement of microRNAs (miR-135a ^{-/-}) in heart failure associated with 25bp deletion in MYBPC3 (cardiac myosin binding protein C) gene. <i>Medical Hypotheses</i> , 2011, 76, 306.	0.8	5
700	Functional Identification of Optimized RNAi Triggers Using a Massively Parallel Sensor Assay. <i>Molecular Cell</i> , 2011, 41, 733-746.	4.5	193
701	Reversible Inhibition of PSD-95 mRNA Translation by miR-125a, FMRP Phosphorylation, and mGluR Signaling. <i>Molecular Cell</i> , 2011, 42, 673-688.	4.5	338
702	Transcriptome-wide Analysis of Regulatory Interactions of the RNA-Binding Protein HuR. <i>Molecular Cell</i> , 2011, 43, 340-352.	4.5	640
703	T cell coinhibition in prostate cancer: new immune evasion pathways and emerging therapeutics. <i>Trends in Molecular Medicine</i> , 2011, 17, 47-55.	3.5	44
704	Gene regulation by RNA binding proteins and microRNAs in angiogenesis. <i>Trends in Molecular Medicine</i> , 2011, 17, 650-658.	3.5	60
705	Post-transcriptional regulation of ULBP1 ligand for the activating immunoreceptor NKG2D involves 3' untranslated region. <i>Human Immunology</i> , 2011, 72, 470-478.	1.2	22
706	miRNAs got rhythm. <i>Life Sciences</i> , 2011, 88, 373-383.	2.0	13
707	Positive regulation of hepatic miR-122 expression by HNF4 β . <i>Journal of Hepatology</i> , 2011, 55, 602-611.	1.8	124

#	ARTICLE	IF	CITATIONS
708	Novel diagnostic value of circulating miR-18a in plasma of patients with pancreatic cancer. <i>British Journal of Cancer</i> , 2011, 105, 1733-1740.	2.9	232
709	The Bin3 RNA methyltransferase is required for repression of caudal translation in the <i>Drosophila</i> embryo. <i>Developmental Biology</i> , 2011, 352, 104-115.	0.9	23
710	Promoting the promoter. <i>Plant Science</i> , 2011, 180, 182-189.	1.7	15
711	The role of Wnt signaling and its interaction with diverse mechanisms of cellular apoptosis in the pathophysiology of bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 11-17.	2.5	18
712	MicroRNA regulation of neural plasticity and memory. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 89-94.	1.0	158
713	RNA-based regulation in the plant circadian clock. <i>Trends in Plant Science</i> , 2011, 16, 517-523.	4.3	61
714	The epigenetics of autoimmunity. <i>Cellular and Molecular Immunology</i> , 2011, 8, 226-236.	4.8	166
715	<i>Trichomonas vaginalis</i> Pathobiology. <i>Advances in Parasitology</i> , 2011, 77, 87-140.	1.4	63
716	RNA-Binding Protein Immunopurification-Microarray (RIP-Chip) Analysis to Profile Localized RNAs. <i>Methods in Molecular Biology</i> , 2011, 714, 369-385.	0.4	11
717	Unraveling the Genetics of Cancer: Genome Sequencing and Beyond. <i>Annual Review of Genomics and Human Genetics</i> , 2011, 12, 407-430.	2.5	85
718	Altered expression of microRNA-203 in rheumatoid arthritis synovial fibroblasts and its role in fibroblast activation. <i>Arthritis and Rheumatism</i> , 2011, 63, 373-381.	6.7	296
719	A Concise Review on Epigenetic Regulation: Insight into Molecular Mechanisms. <i>International Journal of Molecular Sciences</i> , 2011, 12, 8661-8694.	1.8	59
720	MicroRNA-155 targets the <i>SKI</i> gene in human melanoma cell lines. <i>Pigment Cell and Melanoma Research</i> , 2011, 24, 538-550.	1.5	72
721	Constitutive activation of the ETS- <i>miR-222</i> circuitry in metastatic melanoma. <i>Pigment Cell and Melanoma Research</i> , 2011, 24, 953-965.	1.5	36
722	Mechanisms of dendritic mRNA transport and its role in synaptic tagging. <i>EMBO Journal</i> , 2011, 30, 3540-3552.	3.5	274
723	MicroRNA Epigenetics. <i>BioDrugs</i> , 2011, 25, 27-41.	2.2	23
724	Identification of plasma microRNA-21 as a biomarker for early detection and chemosensitivity of non-small cell lung cancer. <i>Chinese Journal of Cancer</i> , 2011, 30, 407-414.	4.9	200
725	Role of miRNA in distinguishing primary brain tumors from secondary tumors metastatic to the brain. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 970-979.	0.8	0

#	ARTICLE	IF	CITATIONS
726	Role of miRNA in distinguishing primary brain tumors from secondary tumors metastatic to the brain. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 970.	0.8	11
727	The emerging important role of microRNAs in the pathogenesis, diagnosis and treatment of human cancers. <i>Pathology</i> , 2011, 43, 657-671.	0.3	40
728	Overview of the potential of microRNAs and their target gene detection for cassava (Manihot) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662	0.3	13
729	Computational Tools for Identification of microRNAs in Deep Sequencing Data Sets. , 2011, , .		1
730	The Role of MicroRNAs in Regulating Cancer Stem Cells. , 0, , .		0
731	A Potential of microRNAs for High-Content Screening. <i>Journal of Nucleic Acids</i> , 2011, 2011, 1-15.	0.8	14
732	Arsenic Exposure and the Induction of Human Cancers. <i>Journal of Toxicology</i> , 2011, 2011, 1-13.	1.4	322
733	SOD1 Transcriptional and Posttranscriptional Regulation and Its Potential Implications in ALS. <i>Neurology Research International</i> , 2011, 2011, 1-9.	0.5	92
734	miRNA Biomarkers in Breast Cancer Detection and Management. <i>Journal of Cancer</i> , 2011, 2, 116-122.	1.2	103
735	The role of miRNAs in cytokine signaling. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 2161.	3.0	22
736	Bistability and Oscillations in Gene Regulation Mediated by Small Noncoding RNAs. <i>PLoS ONE</i> , 2011, 6, e17029.	1.1	39
737	Deregulation of MYCN, LIN28B and LET7 in a Molecular Subtype of Aggressive High-Grade Serous Ovarian Cancers. <i>PLoS ONE</i> , 2011, 6, e18064.	1.1	172
738	Computational Prediction of Intronic microRNA Targets using Host Gene Expression Reveals Novel Regulatory Mechanisms. <i>PLoS ONE</i> , 2011, 6, e19312.	1.1	34
739	MicroRNA-22 Regulates Hypoxia Signaling in Colon Cancer Cells. <i>PLoS ONE</i> , 2011, 6, e20291.	1.1	116
740	MicroRNA Expression Profiling Reveals MiRNA Families Regulating Specific Biological Pathways in Mouse Frontal Cortex and Hippocampus. <i>PLoS ONE</i> , 2011, 6, e21495.	1.1	71
741	Quantitative Proteomics Identify Novel miR-155 Target Proteins. <i>PLoS ONE</i> , 2011, 6, e22146.	1.1	28
742	EphB6 Receptor Modulates Micro RNA Profile of Breast Carcinoma Cells. <i>PLoS ONE</i> , 2011, 6, e22484.	1.1	31
743	MicroRNA-96 Directly Inhibits β -Globin Expression in Human Erythropoiesis. <i>PLoS ONE</i> , 2011, 6, e22838.	1.1	65

#	ARTICLE	IF	CITATIONS
744	NMDA Mediated Contextual Conditioning Changes miRNA Expression. PLoS ONE, 2011, 6, e24682.	1.1	53
745	Nuclear Accumulation of an Uncapped RNA Produced by Drosha Cleavage of a Transcript Encoding miR-10b and HOXD4. PLoS ONE, 2011, 6, e25689.	1.1	12
746	MicroRNA Expression in Abdominal and Gluteal Adipose Tissue Is Associated with mRNA Expression Levels and Partly Genetically Driven. PLoS ONE, 2011, 6, e27338.	1.1	46
747	PTEN Modulates miR-21 Processing via RNA-Regulatory Protein RNH1. PLoS ONE, 2011, 6, e28308.	1.1	33
748	Brain Derived Neurotrophic Factor (BDNF) Expression Is Regulated by MicroRNAs miR-26a and miR-26b Allele-Specific Binding. PLoS ONE, 2011, 6, e28656.	1.1	110
749	Posttranscriptional Regulation of the β_2 -Subunit of Cardiac L-type Ca^{2+} Channels by MicroRNAs During Long-term Exposure to Isoproterenol in Rats. Journal of Cardiovascular Pharmacology, 2011, 58, 470-478.	0.8	29
750	Circulating MicroRNAs as Biomarkers for Hepatocellular Carcinoma. Journal of Clinical Gastroenterology, 2011, 45, 355-360.	1.1	236
751	Therapeutic Advances in MicroRNA Targeting. Journal of Cardiovascular Pharmacology, 2011, 57, 1-7.	0.8	39
752	Silencing Human Cancer: Identification and Uses of MicroRNAs. Recent Patents on Anti-Cancer Drug Discovery, 2011, 6, 94-105.	0.8	5
753	Tumor suppressive microRNA-375 regulates lactate dehydrogenase B in maxillary sinus squamous cell carcinoma. International Journal of Oncology, 2012, 40, 185-93.	1.4	40
754	MiR-29a down-regulation in ALK-positive anaplastic large cell lymphomas contributes to apoptosis blockade through MCL-1 overexpression. Blood, 2011, 117, 6627-6637.	0.6	106
755	Enforced expression of miR-125b affects myelopoiesis by targeting multiple signaling pathways. Blood, 2011, 117, 4338-4348.	0.6	85
756	Silencing of c-Fos expression by microRNA-155 is critical for dendritic cell maturation and function. Blood, 2011, 117, 4490-4500.	0.6	131
757	Combinatorial effects of microRNAs to suppress the Myc oncogenic pathway. Blood, 2011, 117, 6255-6266.	0.6	60
758	HEME AND microRNA BIOGENESIS. , 2011, , 127-138.		2
759	The role of miR-26 in tumors and normal tissues (Review). Oncology Letters, 2011, 2, 1019-1023.	0.8	97
760	Restoration of miR-145 expression suppresses cell proliferation, migration and invasion in prostate cancer by targeting FSCN1. International Journal of Oncology, 2011, 38, 1093-101.	1.4	75
761	Glutathione S-transferase P1 (GSTP1) suppresses cell apoptosis and its regulation by miR-133 in head and neck squamous cell carcinoma (HNSCC). International Journal of Molecular Medicine, 2011, 27, 345-52.	1.8	46

#	ARTICLE	IF	CITATIONS
762	miRNAs can predict prostate cancer biochemical relapse and are involved in tumor progression. <i>International Journal of Oncology</i> , 2011, 39, 1183-92.	1.4	34
763	A Parallel Study of mRNA and microRNA Profiling of Peripheral Blood in Young Adult Women. <i>Frontiers in Genetics</i> , 2011, 2, 49.	1.1	21
764	Oligomeric Nucleic Acids as Antivirals. <i>Molecules</i> , 2011, 16, 1271-1296.	1.7	32
766	Elevated microRNA-126 is associated with high vascular endothelial growth factor receptor 2 expression levels and high microvessel density in colorectal cancer. <i>Oncology Letters</i> , 2011, 2, 1101-1106.	0.8	24
767	Molecular pathology of prostate cancer. <i>Cancer Biomarkers</i> , 2011, 9, 441-459.	0.8	18
768	In sickness and in health: the role of methyl-CpG binding protein 2 in the central nervous system. <i>European Journal of Neuroscience</i> , 2011, 33, 1563-1574.	1.2	47
769	Systematic exploration of cancer-associated microRNA through functional screening assays. <i>Cancer Science</i> , 2011, 102, 1615-1621.	1.7	19
770	Identifying your enemies - could envelope stress trigger microbial immunity?. <i>Molecular Microbiology</i> , 2011, 79, 557-561.	1.2	14
771	Up-Regulation of MicroRNAs in Brain of Human Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 1928-1937.	1.4	174
772	Silencing of microRNA families by seed-targeting tiny LNAs. <i>Nature Genetics</i> , 2011, 43, 371-378.	9.4	594
773	MicroRNA regulation by RNA-binding proteins and its implications for cancer. <i>Nature Reviews Cancer</i> , 2011, 11, 644-656.	12.8	555
774	Gene silencing by microRNAs: contributions of translational repression and mRNA decay. <i>Nature Reviews Genetics</i> , 2011, 12, 99-110.	7.7	2,009
775	Evolution of microRNA diversity and regulation in animals. <i>Nature Reviews Genetics</i> , 2011, 12, 846-860.	7.7	645
776	MicroRNA-221/222 confers breast cancer fulvestrant resistance by regulating multiple signaling pathways. <i>Oncogene</i> , 2011, 30, 1082-1097.	2.6	331
777	Human polynucleotide phosphorylase (hPNPaseold-35): an evolutionary conserved gene with an expanding repertoire of RNA degradation functions. <i>Oncogene</i> , 2011, 30, 1733-1743.	2.6	21
778	microRNA-214 contributes to melanoma tumour progression through suppression of TFAP2C. <i>EMBO Journal</i> , 2011, 30, 1990-2007.	3.5	228
779	Repression of VEGFA by CA-rich element-binding microRNAs is modulated by hnRNP L. <i>EMBO Journal</i> , 2011, 30, 1324-1334.	3.5	111
780	Analysis of the host microRNA response to <i>Salmonella</i> uncovers the control of major cytokines by the <i>let-7</i> family. <i>EMBO Journal</i> , 2011, 30, 1977-1989.	3.5	270

#	ARTICLE	IF	CITATIONS
781	The ribosomal protein RACK1 is required for microRNA function in both <i>C. elegans</i> and humans. <i>EMBO Reports</i> , 2011, 12, 581-586.	2.0	70
782	Mirnome analysis reveals novel molecular determinants in the pathogenesis of diet-induced nonalcoholic fatty liver disease. <i>Laboratory Investigation</i> , 2011, 91, 283-293.	1.7	176
783	Pervasive roles of microRNAs in cardiovascular biology. <i>Nature</i> , 2011, 469, 336-342.	13.7	1,076
784	CRISPR RNA maturation by trans-encoded small RNA and host factor RNase III. <i>Nature</i> , 2011, 471, 602-607.	13.7	2,093
785	The tumour-suppressive function of miR-1 and miR-133a targeting TAGLN2 in bladder cancer. <i>British Journal of Cancer</i> , 2011, 104, 808-818.	2.9	243
786	MicroRNA signatures of resveratrol in the ischemic heart. <i>Annals of the New York Academy of Sciences</i> , 2011, 1215, 109-116.	1.8	32
787	MicroRNA Profiles in Allograft Tissues and Paired Urines Associate With Chronic Allograft Dysfunction With IF/TA. <i>American Journal of Transplantation</i> , 2011, 11, 2110-2122.	2.6	147
788	miRNA profiling along tumour progression in ovarian carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1593-1602.	1.6	101
789	MicroRNA-196: critical roles and clinical applications in development and cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 14-23.	1.6	179
790	miR-193 expression differentiates telocytes from other stromal cells. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1071-1074.	1.6	106
791	Recognition of 2'-O-Methylated 3'-End of piRNA by the PAZ Domain of a Piwi Protein. <i>Structure</i> , 2011, 19, 172-180.	1.6	98
792	MicroRNA history: Discovery, recent applications, and next frontiers. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 717, 1-8.	0.4	351
793	Transcriptional changes of secreted Wnt antagonists in hindlimb skeletal muscle during the lifetime of the C57BL/6J mouse. <i>Mechanisms of Ageing and Development</i> , 2011, 132, 511-514.	2.2	0
794	Adenosine deaminases acting on RNA (ADARs) are both antiviral and proviral. <i>Virology</i> , 2011, 411, 180-193.	1.1	278
795	A microRNA of infectious laryngotracheitis virus can downregulate and direct cleavage of ICP4 mRNA. <i>Virology</i> , 2011, 411, 25-31.	1.1	20
796	MicroRNAs and vascular (dys)function. <i>Vascular Pharmacology</i> , 2011, 55, 92-105.	1.0	53
797	"Fishing" for endothelial microRNA functions and dysfunction. <i>Vascular Pharmacology</i> , 2011, 55, 60-68.	1.0	10
798	A microRNA survival signature (MISS) for advanced ovarian cancer. <i>Gynecologic Oncology</i> , 2011, 121, 444-450.	0.6	69

#	ARTICLE	IF	CITATIONS
799	Downregulation of the Bâ€cell receptor signaling component CD79b in plasma cell myeloma: A possible post transcriptional regulation. <i>Pathology International</i> , 2011, 61, 122-129.	0.6	14
800	miRWalk â€ Database: Prediction of possible miRNA binding sites by âœwalkingâ€the genes of three genomes. <i>Journal of Biomedical Informatics</i> , 2011, 44, 839-847.	2.5	1,551
801	Kinetic Analysis Reveals the Fate of a MicroRNA following Target Regulation in Mammalian Cells. <i>Current Biology</i> , 2011, 21, 369-376.	1.8	206
802	The 3â€-to-5â€ Exoribonuclease Nibbler Shapes the 3â€ Ends of MicroRNAs Bound to Drosophila Argonaute1. <i>Current Biology</i> , 2011, 21, 1878-1887.	1.8	143
803	MicroRNAs in rheumatoid arthritis. <i>FEBS Letters</i> , 2011, 585, 3667-3674.	1.3	88
804	Akt, FoxO and regulation of apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1978-1986.	1.9	839
805	Unknown primary tumors. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2011, 1816, 13-24.	3.3	23
806	IL-1Î² potently stabilizes IL-6 mRNA in human astrocytes. <i>Biochemical Pharmacology</i> , 2011, 81, 1004-1015.	2.0	27
807	Construction and detection of expression vectors of microRNA-9a in BmN cells. <i>Journal of Zhejiang University: Science B</i> , 2011, 12, 527-533.	1.3	13
808	Plant Small RNAs: Biogenesis, Mode of Action and Their Roles in Abiotic Stresses. <i>Genomics, Proteomics and Bioinformatics</i> , 2011, 9, 183-199.	3.0	127
809	Role of pri-miRNA tertiary structure in miR-17~92 miRNA biogenesis. <i>RNA Biology</i> , 2011, 8, 1105-1114.	1.5	85
810	The Role of MicroRNAs in Cholesterol Efflux and Hepatic Lipid Metabolism. <i>Annual Review of Nutrition</i> , 2011, 31, 49-63.	4.3	130
811	KSRP, many functions for a single protein. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 1787.	3.0	49
812	miRNA-mediated deadenylation is orchestrated by GW182 through two conserved motifs that interact with CCR4â€NOT. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1211-1217.	3.6	286
813	MicroRNA in central nervous system trauma and degenerative disorders. <i>Physiological Genomics</i> , 2011, 43, 571-580.	1.0	105
814	Regulation of mammalian DNA methyltransferases: a route to new mechanisms. <i>EMBO Reports</i> , 2011, 12, 647-656.	2.0	316
815	miR-34 miRNAs provide a barrier for somatic cell reprogramming. <i>Nature Cell Biology</i> , 2011, 13, 1353-1360.	4.6	347
816	RNA interference therapy via functionalized scaffolds. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 197-208.	6.6	76

#	ARTICLE	IF	CITATIONS
817	Mechanisms of deadenylation-dependent decay. <i>Wiley Interdisciplinary Reviews RNA</i> , 2011, 2, 167-183.	3.2	246
818	Turnover of AU-rich element-containing mRNAs during stress: a matter of survival. <i>Wiley Interdisciplinary Reviews RNA</i> , 2011, 2, 336-347.	3.2	133
819	MiR-28 regulates Nrf2 expression through a Keap1-independent mechanism. <i>Breast Cancer Research and Treatment</i> , 2011, 129, 983-991.	1.1	239
820	Common genetic polymorphisms of microRNA biogenesis pathway genes and risk of breast cancer: a case-control study in Korea. <i>Breast Cancer Research and Treatment</i> , 2011, 130, 939-951.	1.1	45
821	MicroRNA and AU-rich element regulation of prostaglandin synthesis. <i>Cancer and Metastasis Reviews</i> , 2011, 30, 419-435.	2.7	23
822	The Therapeutic Potential of MicroRNAs: Disease Modulators and Drug Targets. <i>Pharmaceutical Research</i> , 2011, 28, 3016-3029.	1.7	67
823	MiR-34a inhibits lymphatic metastasis potential of mouse hepatoma cells. <i>Molecular and Cellular Biochemistry</i> , 2011, 354, 275-282.	1.4	37
824	Association study of single nucleotide polymorphisms in pre-miRNA and rheumatoid arthritis in a Han Chinese population. <i>Molecular Biology Reports</i> , 2011, 38, 4913-4919.	1.0	66
825	A miRNA-492 binding-site polymorphism in BSG (basigin) confers risk to psoriasis in Central South Chinese population. <i>Human Genetics</i> , 2011, 130, 749-757.	1.8	45
826	Spotlight on post-transcriptional control in the circadian system. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 71-83.	2.4	49
827	The role of the precursor structure in the biogenesis of microRNA. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2859-2871.	2.4	130
828	RNA dimerization monitored by fluorescence correlation spectroscopy. <i>European Biophysics Journal</i> , 2011, 40, 907-921.	1.2	7
829	MicroRNAs in the Human Pituitary. <i>Endocrine Pathology</i> , 2011, 22, 134-143.	5.2	48
830	Epigenetic Silencing of Tumor Suppressor Genes in Pancreatic Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2011, 42, 93-99.	0.6	16
831	The regulatory epicenter of miRNAs. <i>Journal of Biosciences</i> , 2011, 36, 621-638.	0.5	19
832	Genetic factors in the pathogenesis of gastroesophageal reflux disease. <i>Indian Journal of Gastroenterology</i> , 2011, 30, 55-62.	0.7	11
833	MicroRNAs in autoimmune disease. <i>Autoimmunity Highlights</i> , 2011, 2, 59-65.	3.9	7
834	miRNA and nasopharyngeal carcinoma. <i>Science Bulletin</i> , 2011, 56, 722-728.	1.7	4

#	ARTICLE	IF	CITATIONS
835	Mismatched single stranded antisense oligonucleotides can induce efficient dystrophin splice switching. <i>BMC Medical Genetics</i> , 2011, 12, 141.	2.1	6
836	Expression levels of microRNAs are not associated with their regulatory activities. <i>Biology Direct</i> , 2011, 6, 43.	1.9	17
837	MicroRNAs coordinately regulate protein complexes. <i>BMC Systems Biology</i> , 2011, 5, 136.	3.0	49
838	Emerging roles of chicken and viral microRNAs in avian disease. <i>BMC Proceedings</i> , 2011, 5, S2.	1.8	31
839	Comparative nucleic acid transfection efficacy in primary hepatocytes for gene silencing and functional studies. <i>BMC Research Notes</i> , 2011, 4, 8.	0.6	22
840	Regulation of chemotropic guidance of nerve growth cones by microRNA. <i>Molecular Brain</i> , 2011, 4, 40.	1.3	28
841	The Enhancer of split complex arose prior to the diversification of schizophoran flies and is strongly conserved between <i>Drosophila</i> and stalk-eyed flies (<i>Diopsidae</i>). <i>BMC Evolutionary Biology</i> , 2011, 11, 354.	3.2	16
842	A systematic analysis of the skeletal muscle miRNA transcriptome of chicken varieties with divergent skeletal muscle growth identifies novel miRNAs and differentially expressed miRNAs. <i>BMC Genomics</i> , 2011, 12, 186.	1.2	94
843	Characterization of the small RNA component of the transcriptome from grain and sweet sorghum stems. <i>BMC Genomics</i> , 2011, 12, 356.	1.2	52
844	Evidence for post-transcriptional regulation of clustered microRNAs in <i>Drosophila</i> . <i>BMC Genomics</i> , 2011, 12, 371.	1.2	54
845	Functional complementation between transcriptional methylation regulation and post-transcriptional microRNA regulation in the human genome. <i>BMC Genomics</i> , 2011, 12, S15.	1.2	52
846	Altered miR-146a expression in Sjögren's syndrome and its functional role in innate immunity. <i>European Journal of Immunology</i> , 2011, 41, 2029-2039.	1.6	145
847	Silencing of microRNA-21 <i>in vivo</i> ameliorates autoimmune splenomegaly in lupus mice. <i>EMBO Molecular Medicine</i> , 2011, 3, 605-615.	3.3	168
848	Regulation of mRNA stability and translation by miR430 and the dead end protein promotes preferential expression in zebrafish primordial germ cells. <i>Developmental Dynamics</i> , 2011, 240, 695-703.	0.8	32
849	MicroRNA miR-196a controls melanoma-associated genes by regulating HOX8 expression. <i>International Journal of Cancer</i> , 2011, 129, 1064-1074.	2.3	106
850	Profiling highly conserved microRNA expression in recombinant IgG-producing and parental Chinese hamster ovary cells. <i>Biotechnology Progress</i> , 2011, 27, 1163-1171.	1.3	31
851	Expression patterns of placental microRNAs. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011, 91, 737-743.	1.6	76
852	MicroRNAs in CNS injury: Potential roles and therapeutic implications. <i>BioEssays</i> , 2011, 33, 21-26.	1.2	54

#	ARTICLE	IF	CITATIONS
853	Do repeated arrays of regulatory smallâ€RNA genes elicit genomic imprinting?. <i>BioEssays</i> , 2011, 33, 565-573.	1.2	27
854	Identification of blood microRNAs associated to Parkinson's disease. <i>Journal of Biotechnology</i> , 2011, 152, 96-101.	1.9	244
856	Identification of <i>SPOCK2</i> As a Susceptibility Gene for Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1164-1170.	2.5	110
857	Argonaute proteins regulate microRNA stability: increased microRNA abundance by Argonaute proteins is due to microRNA stabilization. <i>RNA Biology</i> , 2011, 8, 1149-1157.	1.5	183
858	When Cellular Networks Run Out of Control. <i>Progress in Molecular Biology and Translational Science</i> , 2011, 102, 165-242.	0.9	15
859	Bioengineering RNA Silencing Across the Life Kingdoms. <i>Recent Patents on Biotechnology</i> , 2011, 5, 118-146.	0.4	2
860	Current Drug Targets for Modulating Alzheimer's Amyloid Precursor Protein: Role of Specific Micro-RNA Species. <i>Current Medicinal Chemistry</i> , 2011, 18, 3314-3321.	1.2	28
861	MicroRNAs in skin and wound healing. <i>Physiological Genomics</i> , 2011, 43, 543-556.	1.0	117
862	MiRNA-27a controls FBW7/hCDC4-dependent cyclin E degradation and cell cycle progression. <i>Cell Cycle</i> , 2011, 10, 2172-2183.	1.3	111
863	MicroRNAs in skeletal myogenesis. <i>Cell Cycle</i> , 2011, 10, 441-448.	1.3	137
864	Regulation of endoderm formation and left-right asymmetry by miR-92 during early zebrafish development. <i>Development (Cambridge)</i> , 2011, 138, 1817-1826.	1.2	39
865	Roles for microRNAs in the regulation of cell adhesion molecules. <i>Journal of Cell Science</i> , 2011, 124, 999-1006.	1.2	95
866	Two common SNPs in pri-miR-125a alter the mature miRNA expression and associate with recurrent pregnancy loss in a Han-Chinese population. <i>RNA Biology</i> , 2011, 8, 861-872.	1.5	96
867	Mechanistic Role of MicroRNA-146a in Endotoxin-Induced Differential Cross-Regulation of TLR Signaling. <i>Journal of Immunology</i> , 2011, 186, 1723-1734.	0.4	190
868	A growing molecular toolbox for the functional analysis of microRNAs in <i>Caenorhabditis elegans</i> . <i>Briefings in Functional Genomics</i> , 2011, 10, 175-180.	1.3	2
869	Analysis of MiR-195 and MiR-497 Expression, Regulation and Role in Breast Cancer. <i>Clinical Cancer Research</i> , 2011, 17, 1722-1730.	3.2	293
870	Efficient use of accessibility in microRNA target prediction. <i>Nucleic Acids Research</i> , 2011, 39, 19-29.	6.5	409
871	miR-483â€p controls proliferation in wounded epithelial cells. <i>FASEB Journal</i> , 2011, 25, 3092-3105.	0.2	76

#	ARTICLE	IF	CITATIONS
872	New role of microRNA: carcinogenesis and clinical application in cancer. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 831-839.	0.9	39
873	Deciphering Squamous Cell Carcinoma Using Multidimensional Genomic Approaches. <i>Journal of Skin Cancer</i> , 2011, 2011, 1-16.	0.5	9
874	Increased siRNA duplex stability correlates with reduced off-target and elevated on-target effects. <i>Rna</i> , 2011, 17, 737-749.	1.6	61
875	miTALOS: Analyzing the tissue-specific regulation of signaling pathways by human and mouse microRNAs. <i>Rna</i> , 2011, 17, 809-819.	1.6	52
876	p53 activates the PANK1/ miRNA-107 gene leading to downregulation of CDK6 and p130 cell cycle proteins. <i>Nucleic Acids Research</i> , 2011, 39, 440-453.	6.5	75
877	Analysis of microRNA turnover in mammalian cells following Dicer1 ablation. <i>Nucleic Acids Research</i> , 2011, 39, 5692-5703.	6.5	361
878	Loss of Dicer in Sertoli Cells Has a Major Impact on the Testicular Proteome of Mice. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M900587-MCP200.	2.5	80
879	Glucocorticoid-Mediated Repression of the Oncogenic microRNA Cluster miR-17~192 Contributes to the Induction of Bim and Initiation of Apoptosis. <i>Molecular Endocrinology</i> , 2011, 25, 409-420.	3.7	79
880	Allele-selective inhibition of ataxin-3 (ATX3) expression by antisense oligomers and duplex RNAs. <i>Biological Chemistry</i> , 2011, 392, 315-25.	1.2	49
881	Divergent GW182 functional domains in the regulation of translational silencing. <i>Nucleic Acids Research</i> , 2011, 39, 2534-2547.	6.5	30
882	MicroRNAs and atrial fibrillation: new fundamentals. <i>Cardiovascular Research</i> , 2011, 89, 710-721.	1.8	97
883	MiRNA-mediated regulation of cell signaling and homeostasis in the early mouse embryo. <i>Cell Cycle</i> , 2011, 10, 584-591.	1.3	15
884	Smad-mediated miRNA processing. <i>RNA Biology</i> , 2011, 8, 71-76.	1.5	32
885	Alternate approaches to repress endogenous microRNA activity in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2011, 6, 349-359.	1.2	12
886	MicroRNAs: A Novel Therapeutic Target for Schizophrenia. <i>Current Pharmaceutical Design</i> , 2011, 17, 176-188.	0.9	13
887	MicroRNA-449 in cell fate determination. <i>Cell Cycle</i> , 2011, 10, 2874-2882.	1.3	124
888	IL-23 Receptor Regulation by Let-7f in Human CD4+ Memory T Cells. <i>Journal of Immunology</i> , 2011, 186, 6182-6190.	0.4	62
889	MicroRNA <i>let-7</i> establishes expression of β_2 -adrenergic receptors and dynamically down-regulates agonist-promoted down-regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6246-6251.	3.3	41

#	ARTICLE	IF	CITATIONS
890	Anti-microRNA-222 (Anti-miR-222) and -181B Suppress Growth of Tamoxifen-resistant Xenografts in Mouse by Targeting TIMP3 Protein and Modulating Mitogenic Signal. <i>Journal of Biological Chemistry</i> , 2011, 286, 42292-42302.	1.6	96
891	Insertion of MicroRNA Targets into the Flavivirus Genome Alters Its Highly Neurovirulent Phenotype. <i>Journal of Virology</i> , 2011, 85, 1464-1472.	1.5	64
892	Two-tiered Approach Identifies a Network of Cancer and Liver Disease-related Genes Regulated by miR-122. <i>Journal of Biological Chemistry</i> , 2011, 286, 18066-18078.	1.6	54
893	Structural basis of microRNA length variety. <i>Nucleic Acids Research</i> , 2011, 39, 257-268.	6.5	159
894	microRNA-210 is upregulated in hypoxic cardiomyocytes through Akt- and p53-dependent pathways and exerts cytoprotective effects. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H1519-H1530.	1.5	153
895	MicroRNA-155 Promotes Resolution of Hypoxia-Inducible Factor 1 α Activity during Prolonged Hypoxia. <i>Molecular and Cellular Biology</i> , 2011, 31, 4087-4096.	1.1	253
896	Flow-Dependent Regulation of Kr μ ppel-Like Factor 2 Is Mediated by MicroRNA-92a. <i>Circulation</i> , 2011, 124, 633-641.	1.6	257
897	Slowly Produced MicroRNAs Control Protein Levels. <i>Journal of Biological Chemistry</i> , 2011, 286, 4742-4748.	1.6	13
898	Musashi1 Cooperates in Abnormal Cell Lineage Protein 28 (Lin28)-mediated Let-7 Family MicroRNA Biogenesis in Early Neural Differentiation. <i>Journal of Biological Chemistry</i> , 2011, 286, 16121-16130.	1.6	71
899	Label-free high-throughput microRNA expression profiling from total RNA. <i>Nucleic Acids Research</i> , 2011, 39, e154-e154.	6.5	97
900	Beyond genetics: epigenetic code in chronic kidney disease. <i>Kidney International</i> , 2011, 79, 23-32.	2.6	112
901	MicroRNA Signatures: Novel Biomarker for Colorectal Cancer?. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 1272-1286.	1.1	218
902	MicroRNA-21 Orchestrates High Glucose-induced Signals to TOR Complex 1, Resulting in Renal Cell Pathology in Diabetes. <i>Journal of Biological Chemistry</i> , 2011, 286, 25586-25603.	1.6	198
903	Tumour suppressive microRNA-874 regulates novel cancer networks in maxillary sinus squamous cell carcinoma. <i>British Journal of Cancer</i> , 2011, 105, 833-841.	2.9	88
904	The inducible deletion of Drosha and microRNAs in mature podocytes results in a collapsing glomerulopathy. <i>Kidney International</i> , 2011, 80, 719-730.	2.6	105
905	Circulating microRNAs in plasma of patients with oesophageal squamous cell carcinoma. <i>British Journal of Cancer</i> , 2011, 105, 104-111.	2.9	234
906	The RNA-binding Protein HuR Opposes the Repression of ERBB-2 Gene Expression by MicroRNA miR-331-3p in Prostate Cancer Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 41442-41454.	1.6	87
907	Epigenetic regulation of immune cell functions during post-septic immunosuppression. <i>Epigenetics</i> , 2011, 6, 273-283.	1.3	175

#	ARTICLE	IF	CITATIONS
908	Adenosine Deaminases Acting on RNA, RNA Editing, and Interferon Action. <i>Journal of Interferon and Cytokine Research</i> , 2011, 31, 99-117.	0.5	93
909	microRNA-34c is a novel target to treat dementias. <i>EMBO Journal</i> , 2011, 30, 4299-4308.	3.5	302
910	Molecular Genetic Models Related to Schizophrenia and Psychotic Illness: Heuristics and Challenges. <i>Current Topics in Behavioral Neurosciences</i> , 2011, 7, 87-119.	0.8	12
911	miR-33a/b contribute to the regulation of fatty acid metabolism and insulin signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9232-9237.	3.3	615
912	Phosphorylation of human Argonaute proteins affects small RNA binding. <i>Nucleic Acids Research</i> , 2011, 39, 2330-2343.	6.5	157
913	Obesity resistance and increased hepatic expression of catabolism-related mRNAs in <i>Cnot3</i> ^{+/Δ⁺} mice. <i>EMBO Journal</i> , 2011, 30, 4678-4691.	3.5	71
914	Temporal expression of miRNAs and mRNAs in a mouse model of myocardial infarction. <i>Physiological Genomics</i> , 2011, 43, 1087-1095.	1.0	37
915	MicroRNAs in lipid metabolism. <i>Current Opinion in Lipidology</i> , 2011, 22, 86-92.	1.2	262
916	A tripartite clustering analysis on microRNA, gene and disease model. , 2011, , .		0
917	Regulation of MiR-124, Let-7d, and MiR-181a in the Accumbens Affects the Expression, Extinction, and Reinstatement of Cocaine-Induced Conditioned Place Preference. <i>Neuropsychopharmacology</i> , 2011, 36, 1149-1164.	2.8	174
918	Glucocorticoid regulation of human pulmonary surfactant protein-B (SP-B) mRNA stability is independent of activated glucocorticoid receptor. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 300, L940-L950.	1.3	17
919	Epigenetic Changes Induced by Air Toxics: Formaldehyde Exposure Alters miRNA Expression Profiles in Human Lung Cells. <i>Environmental Health Perspectives</i> , 2011, 119, 494-500.	2.8	97
920	From Structure Prediction to Genomic Screens for Novel Non-Coding RNAs. <i>PLoS Computational Biology</i> , 2011, 7, e1002100.	1.5	40
921	MicroRNA-based silencing of Delta/Notch signaling promotes multiple cilia formation. <i>Cell Cycle</i> , 2011, 10, 2858-2864.	1.3	41
922	Delayed ischemic preconditioning contributes to renal protection by upregulation of miR-21. <i>Kidney International</i> , 2012, 82, 1167-1175.	2.6	146
923	The polymorphisms in the VHL and HIF1A genes are associated with the prognosis but not the development of renal cell carcinoma. <i>Annals of Oncology</i> , 2012, 23, 981-989.	0.6	52
924	Sequences of a hairpin structure in the 3'UTR-untranslated region mediate regulation of human pulmonary surfactant protein B mRNA stability. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L1107-L1117.	1.3	4
925	MiRNAs and LincRNAs: Could They Be Considered as Biomarkers in Colorectal Cancer?. <i>International Journal of Molecular Sciences</i> , 2012, 13, 840-865.	1.8	29

#	ARTICLE	IF	CITATIONS
926	Mechanisms of Ovarian Cancer Metastasis: Biochemical Pathways. <i>International Journal of Molecular Sciences</i> , 2012, 13, 11705-11717.	1.8	40
927	miR-Sensâ€™a retroviral dual-luciferase reporter to detect microRNA activity in primary cells. <i>Rna</i> , 2012, 18, 1091-1100.	1.6	23
928	From Transcriptome to Noncoding RNAs: Implications in ALS Mechanism. <i>Neurology Research International</i> , 2012, 2012, 1-7.	0.5	18
929	MiR-382 targeting of kallikrein 5 contributes to renal inner medullary interstitial fibrosis. <i>Physiological Genomics</i> , 2012, 44, 259-267.	1.0	71
930	MicroRNA-mediated regulation of gene expression is affected by disease-associated SNPs within the 3â€™-UTR via altered RNA structure. <i>RNA Biology</i> , 2012, 9, 924-937.	1.5	95
931	Tuning the engine. <i>RNA Biology</i> , 2012, 9, 1224-1232.	1.5	12
932	Retroviral GAG proteins recruit AGO2 on viral RNAs without affecting RNA accumulation and translation. <i>Nucleic Acids Research</i> , 2012, 40, 775-786.	6.5	32
933	Biogenesis of mammalian microRNAs by a non-canonical processing pathway. <i>Nucleic Acids Research</i> , 2012, 40, 4626-4640.	6.5	180
934	MicroRNAs Are Essential for Stretch-induced Vascular Smooth Muscle Contractile Differentiation via MicroRNA (miR)-145-dependent Expression of L-type Calcium Channels. <i>Journal of Biological Chemistry</i> , 2012, 287, 19199-19206.	1.6	58
935	Antisense morpholino targeting just upstream from a poly(A) tail junction of maternal mRNA removes the tail and inhibits translation. <i>Nucleic Acids Research</i> , 2012, 40, e173-e173.	6.5	17
936	MiR-3120 Is a Mirror MicroRNA That Targets Heat Shock Cognate Protein 70 and Auxilin Messenger RNAs and Regulates Clathrin Vesicle Uncoating. <i>Journal of Biological Chemistry</i> , 2012, 287, 14726-14733.	1.6	41
937	A TRIPARTITE CLUSTERING ANALYSIS ON MICRORNA, GENE AND DISEASE MODEL. <i>Journal of Bioinformatics and Computational Biology</i> , 2012, 10, 1240007.	0.3	3
938	Telocyte. <i>Egyptian Journal of Histology</i> , 2012, 35, 366-370.	0.0	0
939	Recurrent Somatic <i>DICER1</i> Mutations in Nonepithelial Ovarian Cancers. <i>New England Journal of Medicine</i> , 2012, 366, 234-242.	13.9	401
940	Computational analysis of target hub gene repression regulated by multiple and cooperative miRNAs. <i>Nucleic Acids Research</i> , 2012, 40, 8818-8834.	6.5	77
941	Tiling genomes of pathogenic viruses identifies potent antiviral shRNAs and reveals a role for secondary structure in shRNA efficacy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 869-874.	3.3	99
942	Does base-pairing strength play a role in microRNA repression?. <i>Rna</i> , 2012, 18, 1947-1956.	1.6	21
943	An Ancestral miR-1304 Allele Present in Neanderthals Regulates Genes Involved in Enamel Formation and Could Explain Dental Differences with Modern Humans. <i>Molecular Biology and Evolution</i> , 2012, 29, 1797-1806.	3.5	29

#	ARTICLE	IF	CITATIONS
944	Overexpression of miR-125b, a Novel Regulator of Innate Immunity, in Eosinophilic Chronic Rhinosinusitis with Nasal Polyps. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 140-151.	2.5	112
945	Polymorphisms in miRNA-binding sites of nucleotide excision repair genes and colorectal cancer risk. <i>Carcinogenesis</i> , 2012, 33, 1346-1351.	1.3	59
946	Zinc at Cytotoxic Concentrations Affects Posttranscriptional Events of Gene Expression in Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 181-188.	1.1	17
947	Molecular basis of differential target regulation by miR-96 and miR-182: the Glypican-3 as a model. <i>Nucleic Acids Research</i> , 2012, 40, 1356-1365.	6.5	45
948	RIP-chip-SRM—a new combinatorial large-scale approach identifies a set of translationally regulated bantam/miR-58 targets in <i>C. elegans</i> . <i>Genome Research</i> , 2012, 22, 1360-1371.	2.4	18
949	Cancer Regulator MicroRNA: Potential Relevance in Diagnosis, Prognosis and Treatment of Cancer. <i>Current Medicinal Chemistry</i> , 2012, 19, 461-474.	1.2	42
950	Regulation and misregulation of Eph/ephrin expression. <i>Cell Adhesion and Migration</i> , 2012, 6, 131-137.	1.1	21
951	An insight into the various regulatory mechanisms modulating human DNA methyltransferase 1 stability and function. <i>Epigenetics</i> , 2012, 7, 994-1007.	1.3	89
952	An effort to make sense of antisense transcription in bacteria. <i>RNA Biology</i> , 2012, 9, 1039-1044.	1.5	65
953	Chemically controlled unfolding of a RNA-like polymer model. <i>Physical Review E</i> , 2012, 86, 041913.	0.8	0
954	Mechanisms generating bistability and oscillations in microRNA-mediated motifs. <i>Physical Review E</i> , 2012, 85, 041916.	0.8	26
955	Ethanol Exposure Induces Upregulation of Specific MicroRNAs in Zebrafish Embryos. <i>Toxicological Sciences</i> , 2012, 127, 18-28.	1.4	53
956	Role of variations within microRNA-binding sites in cancer. <i>Mutagenesis</i> , 2012, 27, 205-210.	1.0	44
957	doRiNA: a database of RNA interactions in post-transcriptional regulation. <i>Nucleic Acids Research</i> , 2012, 40, D180-D186.	6.5	177
959	MicroRNA-203 functions as a tumor suppressor in basal cell carcinoma. <i>Oncogenesis</i> , 2012, 1, e3-e3.	2.1	87
960	microRNA-107 functions as a candidate tumor-suppressor gene in head and neck squamous cell carcinoma by downregulation of protein kinase C δ . <i>Oncogene</i> , 2012, 31, 4045-4053.	2.6	74
961	A microRNA gene expression signature predicts response to erlotinib in epithelial cancer cell lines and targets EMT. <i>British Journal of Cancer</i> , 2012, 106, 148-156.	2.9	75
962	Control of mitochondrial metabolism and systemic energy homeostasis by microRNAs 378 and 378*. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15330-15335.	3.3	276

#	ARTICLE	IF	CITATIONS
963	HuR protein attenuates miRNA-mediated repression by promoting miRISC dissociation from the target RNA. <i>Nucleic Acids Research</i> , 2012, 40, 5088-5100.	6.5	162
964	MicroRNAs in colorectal cancer stem cells: new regulators of cancer stemness?. <i>Oncogenesis</i> , 2012, 1, e32-e32.	2.1	45
965	MicroRNAs 125a and 455 Repress Lipoprotein-Supported Steroidogenesis by Targeting Scavenger Receptor Class B Type I in Steroidogenic Cells. <i>Molecular and Cellular Biology</i> , 2012, 32, 5035-5045.	1.1	102
966	Right- and left-loop short shRNAs have distinct and unusual mechanisms of gene silencing. <i>Nucleic Acids Research</i> , 2012, 40, 9255-9271.	6.5	41
967	MicroRNAs: Potentially important regulators for schistosome development and therapeutic targets against schistosomiasis. <i>Parasitology</i> , 2012, 139, 669-679.	0.7	27
968	Tumor suppressive microRNA-133a regulates novel molecular networks in lung squamous cell carcinoma. <i>Journal of Human Genetics</i> , 2012, 57, 38-45.	1.1	114
969	miR-486-5p Induces Replicative Senescence of Human Adipose Tissue-Derived Mesenchymal Stem Cells and Its Expression Is Controlled by High Glucose. <i>Stem Cells and Development</i> , 2012, 21, 1749-1760.	1.1	94
971	Whole-genome microRNA screening identifies <i>let-7</i> and <i>mir-18</i> as regulators of germ layer formation during early embryogenesis. <i>Genes and Development</i> , 2012, 26, 2567-2579.	2.7	59
972	Differential MicroRNA Expression in Peripheral Blood Mononuclear Cells from Graves' Disease Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E968-E972.	1.8	51
973	Analysis of the accessibility of CLIP bound sites reveals that nucleation of the miRNA:mRNA pairing occurs preferentially at the 3'-end of the seed match. <i>Rna</i> , 2012, 18, 1760-1770.	1.6	16
974	The extent of sequence complementarity correlates with the potency of cellular miRNA-mediated restriction of HIV-1. <i>Nucleic Acids Research</i> , 2012, 40, 11684-11696.	6.5	57
975	Differential association of microRNAs with polysomes reflects distinct strengths of interactions with their mRNA targets. <i>Rna</i> , 2012, 18, 1612-1623.	1.6	22
976	Pleiotropy of microRNA-192 in the kidney. <i>Biochemical Society Transactions</i> , 2012, 40, 762-767.	1.6	29
977	Current Perspectives on the Neurobiology of Drug Addiction: A Focus on Genetics and Factors Regulating Gene Expression. <i>ISRN Neurology</i> , 2012, 2012, 1-24.	1.5	17
978	Diet, Genetics, and Disease: A Focus on the Middle East and North Africa Region. <i>Journal of Nutrition and Metabolism</i> , 2012, 2012, 1-19.	0.7	62
979	Microprocessor dynamics and interactions at endogenous imprinted C19MC microRNA genes. <i>Journal of Cell Science</i> , 2012, 125, 2709-20.	1.2	18
980	RNA regulons and the RNA-protein interaction network. <i>Biomolecular Concepts</i> , 2012, 3, 403-414.	1.0	22
981	Differentiation and Cell Survival of Myeloid Leukemia Cells. <i>Leukemia Research and Treatment</i> , 2012, 2012, 1-2.	2.0	1

#	ARTICLE	IF	CITATIONS
982	Change in Nutrition and Lifestyle in the Eastern Mediterranean Region: Health Impact. <i>Journal of Nutrition and Metabolism</i> , 2012, 2012, 1-2.	0.7	29
983	MicroRNAs in Acute Myeloid Leukemia and Other Blood Disorders. <i>Leukemia Research and Treatment</i> , 2012, 2012, 1-11.	2.0	10
984	MicroRNA Regulation of Cholesterol Metabolism. <i>Cholesterol</i> , 2012, 2012, 1-8.	1.6	63
985	The Role of Peroxisome Proliferator-Activated Receptors in the Esophageal, Gastric, and Colorectal Cancer. <i>PPAR Research</i> , 2012, 2012, 1-9.	1.1	23
986	PPARs in Liver Diseases and Cancer: Epigenetic Regulation by MicroRNAs. <i>PPAR Research</i> , 2012, 2012, 1-16.	1.1	53
987	A Systematic Genetic Screen to Dissect the MicroRNA Pathway in <i>Drosophila</i> . <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 437-448.	0.8	15
988	Importance of the NCp7-like domain in the recognition of pre-let-7g by the pluripotency factor Lin28. <i>Nucleic Acids Research</i> , 2012, 40, 1767-1777.	6.5	32
989	The mRNA Stability Factor HuR Inhibits MicroRNA-16 Targeting of COX-2. <i>Molecular Cancer Research</i> , 2012, 10, 167-180.	1.5	172
990	Genetic polymorphisms in HIF1A are associated with prostate cancer risk in a Chinese population. <i>Asian Journal of Andrology</i> , 2012, 14, 864-869.	0.8	43
991	MicroRNA Expression Is Down-Regulated and Reorganized in Prefrontal Cortex of Depressed Suicide Subjects. <i>PLoS ONE</i> , 2012, 7, e33201.	1.1	278
992	Ectopic over-expression of tristetrapirolin in human cancer cells promotes biogenesis of let-7 by down-regulation of Lin28. <i>Nucleic Acids Research</i> , 2012, 40, 3856-3869.	6.5	42
993	Functional Analysis of Three <i>Arabidopsis</i> ARGONAUTES Using Slicer-Defective Mutants. <i>Plant Cell</i> , 2012, 24, 3613-3629.	3.1	249
994	The multiple Tudor domain-containing protein TDRD1 is a molecular scaffold for mouse Piwi proteins and piRNA biogenesis factors. <i>Rna</i> , 2012, 18, 2056-2072.	1.6	41
995	Battle of the midgets. <i>RNA Biology</i> , 2012, 9, 792-798.	1.5	19
996	Downregulation of miR-544 in tissue, but not in serum, is a novel biomarker of malignant transformation in glioma. <i>Oncology Letters</i> , 2012, 4, 1321-1324.	0.8	19
997	Myelin Basic Protein synthesis is regulated by small non-coding RNA 715. <i>EMBO Reports</i> , 2012, 13, 827-834.	2.0	31
998	Probing Evolutionary Biography of MicroRNAs and Associated Factors. <i>Current Genomics</i> , 2012, 13, 144-152.	0.7	7
999	Emerging Roles for Modulation of microRNA Signatures in Cancer Chemoprevention. <i>Current Cancer Drug Targets</i> , 2012, 12, 716-740.	0.8	39

#	ARTICLE	IF	CITATIONS
1000	MicroRNA miR-548d Is a Superior Regulator in Pancreatic Cancer. <i>Pancreas</i> , 2012, 41, 218-221.	0.5	24
1001	The role and regulation of microRNAs in asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2012, 12, 49-52.	1.1	30
1002	MicroRNA in Aging: From Discovery to Biology. <i>Current Genomics</i> , 2012, 13, 548-557.	0.7	103
1003	Accurate microRNA Target Prediction Using Detailed Binding Site Accessibility and Machine Learning on Proteomics Data. <i>Frontiers in Genetics</i> , 2012, 2, 103.	1.1	31
1004	microRNA expression signature of gastric cancer cells relative to normal gastric mucosa. <i>Molecular Medicine Reports</i> , 2012, 6, 821-826.	1.1	22
1005	Identification of Metastamirs as Metastasis-associated MicroRNAs in Clear Cell Renal Cell Carcinomas. <i>International Journal of Biological Sciences</i> , 2012, 8, 1363-1374.	2.6	92
1006	Tumor suppressive microRNA-138 contributes to cell migration and invasion through its targeting of vimentin in renal cell carcinoma. <i>International Journal of Oncology</i> , 2012, 41, 805-817.	1.4	81
1007	miR-224 functions as an onco-miRNA in hepatocellular carcinoma cells by activating AKT signaling. <i>Oncology Letters</i> , 2012, 4, 483-488.	0.8	72
1008	MHC-associated peptides preferentially derive from transcripts bearing miRNA response elements. <i>Blood</i> , 2012, 119, e181-e191.	0.6	62
1009	Chopped and diced: Dicer1 deletion generates myeloid dysplasia. <i>Blood</i> , 2012, 119, 4581-4582.	0.6	2
1010	Transforming growth factor β 21 represses proximal tubular cell microRNA-192 expression through decreased hepatocyte nuclear factor DNA binding. <i>Biochemical Journal</i> , 2012, 443, 407-416.	1.7	44
1011	miR-7a regulation of Pax6 controls spatial origin of forebrain dopaminergic neurons. <i>Nature Neuroscience</i> , 2012, 15, 1120-1126.	7.1	129
1012	A New Level of Complexity. <i>Circulation Research</i> , 2012, 110, 1000-1013.	2.0	95
1013	The miR-126 regulates Angiopoietin-1 signaling and vessel maturation by targeting p85 β . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1925-1935.	1.9	77
1014	Pre-rheumatoid arthritis: predisposition and transition to clinical synovitis. <i>Nature Reviews Rheumatology</i> , 2012, 8, 573-586.	3.5	155
1015	<i>TMEM106B</i> , the Risk Gene for Frontotemporal Dementia, Is Regulated by the microRNA-132/212 Cluster and Affects Progranulin Pathways. <i>Journal of Neuroscience</i> , 2012, 32, 11213-11227.	1.7	195
1016	Pri-miR-17-92a transcript folds into a tertiary structure and autoregulates its processing. <i>Rna</i> , 2012, 18, 1014-1028.	1.6	56
1017	Dissection of human MiRNA regulatory influence to subpathway. <i>Briefings in Bioinformatics</i> , 2012, 13, 175-186.	3.2	32

#	ARTICLE	IF	CITATIONS
1018	PNPASE and RNA trafficking into mitochondria. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2012, 1819, 998-1007.	0.9	68
1019	The Keap1-Nrf2 Cell Defense Pathway – A Promising Therapeutic Target?. <i>Advances in Pharmacology</i> , 2012, 63, 43-79.	1.2	142
1020	MicroRNAs regulating lipid metabolism in atherogenesis. <i>Thrombosis and Haemostasis</i> , 2012, 107, 642-647.	1.8	81
1021	Natural Killer Cell Regulation by MicroRNAs in Health and Disease. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-12.	3.0	30
1022	miRNA-29b Suppresses Prostate Cancer Metastasis by Regulating Epithelial-Mesenchymal Transition Signaling. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1166-1173.	1.9	173
1024	Further Reduction in Adenovirus Vector-Mediated Liver Transduction without Largely Affecting Transgene Expression in Target Organ by Exploiting MicroRNA-Mediated Regulation and the Cre-loxP Recombination System. <i>Molecular Pharmaceutics</i> , 2012, 9, 3452-3463.	2.3	9
1025	Second Double-Stranded RNA Binding Domain of Dicer-like Ribonuclease 1: Structural and Biochemical Characterization. <i>Biochemistry</i> , 2012, 51, 10159-10166.	1.2	16
1026	Extensive Translatome Remodeling during ER Stress Response in Mammalian Cells. <i>PLoS ONE</i> , 2012, 7, e35915.	1.1	32
1027	Loss of the miR-144/451 cluster impairs ischaemic preconditioning-mediated cardioprotection by targeting Rac-1. <i>Cardiovascular Research</i> , 2012, 94, 379-390.	1.8	124
1028	microRNAs associated with the different human Argonaute proteins. <i>Nucleic Acids Research</i> , 2012, 40, 9850-9862.	6.5	179
1029	Convergent Multi-miRNA Targeting of ApoE Drives LRP1/LRP8-Dependent Melanoma Metastasis and Angiogenesis. <i>Cell</i> , 2012, 151, 1068-1082.	13.5	334
1030	Human mirtrons can express functional microRNAs simultaneously from both arms in a flanking exon-independent manner. <i>RNA Biology</i> , 2012, 9, 1177-1185.	1.5	25
1031	Micro-RNAs (miRNAs): genomic organisation, biogenesis and mode of action. <i>Cell and Tissue Research</i> , 2012, 349, 405-413.	1.5	113
1032	Mir-33 regulates cell proliferation and cell cycle progression. <i>Cell Cycle</i> , 2012, 11, 922-933.	1.3	150
1033	MicroRNA-153 Physiologically Inhibits Expression of Amyloid- β Precursor Protein in Cultured Human Fetal Brain Cells and Is Dysregulated in a Subset of Alzheimer Disease Patients. <i>Journal of Biological Chemistry</i> , 2012, 287, 31298-31310.	1.6	175
1034	Circulating miR-125b is a novel biomarker for screening non-small-cell lung cancer and predicts poor prognosis. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012, 138, 2045-2050.	1.2	121
1035	A combined approach identifies three mRNAs that are down-regulated by microRNA-29b and promote invasion ability in the breast cancer cell line MCF-7. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012, 138, 2127-2136.	1.2	33
1036	Deep sequencing reveals small RNA characterization of invasive micropapillary carcinomas of the breast. <i>Breast Cancer Research and Treatment</i> , 2012, 136, 77-87.	1.1	30

#	ARTICLE	IF	CITATIONS
1037	Role of MicroRNAs in Lung Disease. Archivos De Bronconeumologia, 2012, 48, 325-330.	0.4	37
1038	Rol de los microARN en las enfermedades pulmonares. Archivos De Bronconeumologia, 2012, 48, 325-330.	0.4	70
1039	The impact of mRNA turnover and translation on age-related muscle loss. Ageing Research Reviews, 2012, 11, 432-441.	5.0	19
1040	Single-Stranded RNAs Use RNAi to Potently and Allele-Selectively Inhibit Mutant Huntingtin Expression. Cell, 2012, 150, 895-908.	13.5	250
1041	Designing Chemically Modified Oligonucleotides for Targeted Gene Silencing. Chemistry and Biology, 2012, 19, 937-954.	6.2	495
1042	Utility of micro-ribonucleic acid profile for predicting recurrence of rectal cancer. Journal of Surgical Research, 2012, 177, 87-92.	0.8	7
1043	miR-21 as an Independent Biochemical Recurrence Predictor and Potential Therapeutic Target for Prostate Cancer. Journal of Urology, 2012, 187, 1466-1472.	0.2	122
1044	Methylation mediated silencing of miR-23b expression and its role in glioma stem cells. Neuroscience Letters, 2012, 528, 185-189.	1.0	49
1045	Modulation of immune responses following solid organ transplantation by microRNA. Experimental and Molecular Pathology, 2012, 93, 378-385.	0.9	30
1046	Research Progress in Digging and Validation of miRNA Target Genes Using Experimental Methods. The Journal of Northeast Agricultural University, 2012, 19, 86-96.	0.1	0
1047	FGF Regulates TGF- β 2 Signaling and Endothelial-to-Mesenchymal Transition via Control of let-7 miRNA Expression. Cell Reports, 2012, 2, 1684-1696.	2.9	265
1048	Epistasis between MicroRNAs 155 and 146a during T Cell-Mediated Antitumor Immunity. Cell Reports, 2012, 2, 1697-1709.	2.9	154
1049	Lipid-based Nanoparticle Delivery of Pre-miR-107 Inhibits the Tumorigenicity of Head and Neck Squamous Cell Carcinoma. Molecular Therapy, 2012, 20, 1261-1269.	3.7	128
1050	Simple and sensitive fluorescence detection of the RNA endonuclease activity of mammalian argonaute2 protein based on an RNA molecular beacon. Chemical Communications, 2012, 48, 12192.	2.2	12
1051	Predicting mRNA targets for HSV-1 miRNAs. , 2012, , .		0
1052	Focus on miRNAs evolution: a perspective from amphioxus. Briefings in Functional Genomics, 2012, 11, 107-117.	1.3	14
1053	Prognostic impact of circulating miR-21 and miR-375 in plasma of patients with esophageal squamous cell carcinoma. Expert Opinion on Biological Therapy, 2012, 12, S53-S59.	1.4	80
1054	MicroRNA-221/222 upregulation indicates the activation of stellate cells and the progression of liver fibrosis. Gut, 2012, 61, 1600-1609.	6.1	212

#	ARTICLE	IF	CITATIONS
1055	A functional assay for microRNA target identification and validation. <i>Nucleic Acids Research</i> , 2012, 40, e75-e75.	6.5	27
1056	Tamoxifen downregulation of miR-451 increases 14-3-3 σ and promotes breast cancer cell survival and endocrine resistance. <i>Oncogene</i> , 2012, 31, 39-47.	2.6	167
1057	Parasites, proteomes and systems: has Descartes's™ clock run out of time?. <i>Parasitology</i> , 2012, 139, 1103-1118.	0.7	28
1058	MicroRNAs and their diverse functions in plants. <i>Plant Molecular Biology</i> , 2012, 80, 17-36.	2.0	272
1059	Consolidation and translation regulation: Figure 1.. <i>Learning and Memory</i> , 2012, 19, 410-422.	0.5	77
1060	Consecutive Targetable Smart Nanoprobe for Molecular Recognition of Cytoplasmic microRNA in Metastatic Breast Cancer. <i>ACS Nano</i> , 2012, 6, 8525-8535.	7.3	83
1061	Electrochemistry of Nucleic Acids. <i>Chemical Reviews</i> , 2012, 112, 3427-3481.	23.0	583
1062	The functional significance of microRNA-375 in human squamous cell carcinoma: aberrant expression and effects on cancer pathways. <i>Journal of Human Genetics</i> , 2012, 57, 556-563.	1.1	37
1063	Targeted microRNA expression in dairy cattle directs production of λ -lactoglobulin-free, high-casein milk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16811-16816.	3.3	91
1064	MicroRNAs as a novel cellular senescence regulator. <i>Ageing Research Reviews</i> , 2012, 11, 41-50.	5.0	48
1065	Does expression of the retrogene UTP14c in the ovary pre-dispose women to ovarian cancer?. <i>Medical Hypotheses</i> , 2012, 78, 446-449.	0.8	9
1066	Changes in microRNA expression induced by rabies virus infection in mouse brains. <i>Microbial Pathogenesis</i> , 2012, 52, 47-54.	1.3	27
1067	Reduced Expression of Ribosomal Proteins Relieves MicroRNA-Mediated Repression. <i>Molecular Cell</i> , 2012, 46, 171-186.	4.5	26
1068	Cisplatin treatment leads to changes in nuclear protein and microRNA expression. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 746, 66-77.	0.9	24
1069	MicroRNA expression profiling of NGF-treated PC12 cells revealed a critical role for miR-221 in neuronal differentiation. <i>Neurochemistry International</i> , 2012, 60, 743-750.	1.9	62
1070	Association of polymorphisms in pre-miRNA with inflammatory biomarkers in rheumatoid arthritis in the Chinese Han population. <i>Human Immunology</i> , 2012, 73, 101-106.	1.2	77
1071	MicroRNA-181a, -146a and -146b in spleen CD4+ T lymphocytes play proinflammatory roles in a murine model of asthma. <i>International Immunopharmacology</i> , 2012, 13, 347-353.	1.7	83
1072	Aberrant expression of microRNAs in gastric cancer and biological significance of miR-574-3p. <i>International Immunopharmacology</i> , 2012, 13, 468-475.	1.7	60

#	ARTICLE	IF	CITATIONS
1073	LIN28: A regulator of tumor-suppressing activity of let-7 microRNA in human breast cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 131, 101-106.	1.2	58
1074	Expression dynamics of microRNA biogenesis during preimplantation mouse development. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2012, 1819, 847-854.	0.9	44
1075	Tumor suppressive microRNA-133a regulates novel targets: Moesin contributes to cancer cell proliferation and invasion in head and neck squamous cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 378-383.	1.0	54
1076	MicroRNA profiling with correlation to gene expression revealed the oncogenic miR-17-92 cluster to be up-regulated in osteosarcoma. <i>Cancer Genetics</i> , 2012, 205, 212-219.	0.2	60
1077	miR-21 functionally interacts with the 3'UTR of chemokine CCL20 and down-regulates CCL20 expression in miR-21 transfected colorectal cancer cells. <i>Cancer Letters</i> , 2012, 316, 105-112.	3.2	35
1078	The Poly(A)-Binding Protein Nuclear 1 Suppresses Alternative Cleavage and Polyadenylation Sites. <i>Cell</i> , 2012, 149, 538-553.	13.5	309
1079	U1 snRNP Determines mRNA Length and Regulates Isoform Expression. <i>Cell</i> , 2012, 150, 53-64.	13.5	392
1080	The Ccr4'Not complex. <i>Gene</i> , 2012, 492, 42-53.	1.0	251
1081	The regulation of mRNA stability in mammalian cells: 2.0. <i>Gene</i> , 2012, 500, 10-21.	1.0	205
1082	B-cell regulator of immunoglobulin heavy-chain transcription (Bright)/ARID3a is a direct target of the oncomir microRNA-125b in progenitor B-cells. <i>Leukemia</i> , 2012, 26, 2224-2232.	3.3	52
1083	MicroRNAs: Possible role in pathogenesis of Parkinson's disease. <i>Biochemistry (Moscow)</i> , 2012, 77, 813-819.	0.7	34
1084	Let-7b regulates the expression of the growth hormone receptor gene in deletion-type dwarf chickens. <i>BMC Genomics</i> , 2012, 13, 306.	1.2	59
1085	Differential microRNA response to a high-cholesterol, high-fat diet in livers of low and high LDL-C baboons. <i>BMC Genomics</i> , 2012, 13, 320.	1.2	34
1086	A microRNA activity map of human mesenchymal tumors: connections to oncogenic pathways; an integrative transcriptomic study. <i>BMC Genomics</i> , 2012, 13, 332.	1.2	3
1087	Genetic variation in hippocampal microRNA expression differences in C57BL/6 J X DBA/2 J (BXD) recombinant inbred mouse strains. <i>BMC Genomics</i> , 2012, 13, 476.	1.2	20
1088	Common genetic polymorphisms of microRNA biogenesis pathway genes and breast cancer survival. <i>BMC Cancer</i> , 2012, 12, 195.	1.1	54
1089	Arsenic, asbestos and radon: emerging players in lung tumorigenesis. <i>Environmental Health</i> , 2012, 11, 89.	1.7	60
1090	Tailored enrichment strategy detects low abundant small noncoding RNAs in HIV-1 infected cells. <i>Retrovirology</i> , 2012, 9, 27.	0.9	39

#	ARTICLE	IF	CITATIONS
1091	Infection with street strain rabies virus induces modulation of the microRNA profile of the mouse brain. <i>Virology Journal</i> , 2012, 9, 159.	1.4	20
1092	Gene regulation is governed by a core network in hepatocellular carcinoma. <i>BMC Systems Biology</i> , 2012, 6, 32.	3.0	13
1093	Plasma profile of microRNA after supplementation with high doses of vitamin D3 for 12 months. <i>BMC Research Notes</i> , 2012, 5, 245.	0.6	42
1094	Identification of suitable endogenous control genes for microRNA expression profiling of childhood medulloblastoma and human neural stem cells. <i>BMC Research Notes</i> , 2012, 5, 507.	0.6	30
1095	Computational analysis and predictive modeling of small molecule modulators of microRNA. <i>Journal of Cheminformatics</i> , 2012, 4, 16.	2.8	55
1096	Modeling miRNA Regulation in Cancer Signaling Systems: miR-34a Regulation of the p53/Sirt1 Signaling Module. <i>Methods in Molecular Biology</i> , 2012, 880, 87-108.	0.4	25
1097	The changes of microRNA expression profiles and tyrosinase related proteins in MITF knocked down melanocytes. <i>Molecular BioSystems</i> , 2012, 8, 2924.	2.9	28
1098	Genomic evidence for elevated mutation rates in highly expressed genes. <i>EMBO Reports</i> , 2012, 13, 1123-1129.	2.0	101
1099	MicroRNA-mediated breast cancer metastasis: from primary site to distant organs. <i>Oncogene</i> , 2012, 31, 2499-2511.	2.6	88
1100	miRNAs and neural stem cells: A team to treat Parkinson's disease?. <i>RNA Biology</i> , 2012, 9, 720-730.	1.5	15
1101	Target Prediction Algorithms and Bioinformatics Resources for miRNA Studies. , 2012, , 29-48.		1
1102	FOXP3 and FOXP3-regulated microRNAs suppress SATB1 in breast cancer cells. <i>Oncogene</i> , 2012, 31, 1045-1054.	2.6	85
1103	MiR-663, a microRNA targeting p21WAF1/CIP1, promotes the proliferation and tumorigenesis of nasopharyngeal carcinoma. <i>Oncogene</i> , 2012, 31, 4421-4433.	2.6	135
1104	Alternative RISC assembly: Binding and repression of microRNA-mRNA duplexes by human Ago proteins. <i>Rna</i> , 2012, 18, 2041-2055.	1.6	108
1105	MicroRNA expression patterns in the bovine mammary gland are affected by stage of lactation. <i>Journal of Dairy Science</i> , 2012, 95, 6529-6535.	1.4	119
1106	Attenuation of the beta-catenin/TCF4 complex in colorectal cancer cells induces several growth-suppressive microRNAs that target cancer promoting genes. <i>Oncogene</i> , 2012, 31, 2750-2760.	2.6	66
1107	Expression of miR-21, miR-31, miR-96 and miR-135b is correlated with the clinical parameters of colorectal cancer. <i>Oncology Letters</i> , 2012, 4, 339-345.	0.8	108
1108	Tumour suppressors miR-1 and miR-133a target the oncogenic function of purine nucleoside phosphorylase (PNP) in prostate cancer. <i>British Journal of Cancer</i> , 2012, 106, 405-413.	2.9	184

#	ARTICLE	IF	CITATIONS
1109	Role of microRNAs in kidney homeostasis and disease. <i>Kidney International</i> , 2012, 81, 617-627.	2.6	187
1110	Promoter-Associated Noncoding RNA from the CCND1 Promoter. <i>Methods in Molecular Biology</i> , 2012, 809, 609-622.	0.4	46
1111	RNAi-based nanomedicines for targeted personalized therapy. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 1508-1521.	6.6	147
1112	Argonaute, Dicer, and Drosha are up-regulated along tumor progression in serous ovarian carcinoma. <i>Human Pathology</i> , 2012, 43, 2062-2069.	1.1	68
1113	Altered let-7 expression in Myasthenia gravis and let-7c mediated regulation of IL-10 by directly targeting IL-10 in Jurkat cells. <i>International Immunopharmacology</i> , 2012, 14, 217-223.	1.7	57
1114	Angiotensin Receptor Type 1 Single Nucleotide Polymorphism 1166A/C is Associated With Malignant Arrhythmias and Altered Circulating miR-155 Levels in Patients With Chronic Heart Failure. <i>Journal of Cardiac Failure</i> , 2012, 18, 717-723.	0.7	22
1115	Customizing cell signaling using engineered genetic logic circuits. <i>Trends in Microbiology</i> , 2012, 20, 376-384.	3.5	78
1116	Dicer is required for proliferation, viability, migration and differentiation in corticoneurogenesis. <i>Neuroscience</i> , 2012, 223, 285-295.	1.1	65
1117	miR-513a-3p sensitizes human lung adenocarcinoma cells to chemotherapy by targeting GSTP1. <i>Lung Cancer</i> , 2012, 77, 488-494.	0.9	76
1118	Critical roles of RNA-binding proteins in miRNA biogenesis in Arabidopsis. <i>RNA Biology</i> , 2012, 9, 1424-1428.	1.5	29
1119	Translational study of microRNAs and its application in kidney disease and hypertension research. <i>Clinical Science</i> , 2012, 122, 439-447.	1.8	20
1120	Actin-related protein 2/3 complex subunit 5 (ARPC5) contributes to cell migration and invasion and is directly regulated by tumor-suppressive microRNA-133a in head and neck squamous cell carcinoma. <i>International Journal of Oncology</i> , 2012, 40, 1770-8.	1.4	50
1121	MiRNA Genes Constitute New Targets for Microsatellite Instability in Colorectal Cancer. <i>PLoS ONE</i> , 2012, 7, e31862.	1.1	37
1122	Little things on which happiness depends: microRNAs as novel therapeutic targets for the treatment of anxiety and depression. <i>Molecular Psychiatry</i> , 2012, 17, 359-376.	4.1	128
1123	Small Molecule Inhibition of RISC Loading. <i>ACS Chemical Biology</i> , 2012, 7, 403-410.	1.6	78
1124	MicroRNAs in Rheumatoid Arthritis. <i>BioDrugs</i> , 2012, 26, 131-141.	2.2	89
1125	Noncoding RNAs: Identification of Cancer-Associated MicroRNAs. , 2012, , 573-587.		0
1126	Toward a combinatorial nature of microRNA regulation in human cells. <i>Nucleic Acids Research</i> , 2012, 40, 9404-9416.	6.5	40

#	ARTICLE	IF	CITATIONS
1127	Gene Regulatory Networks. <i>Methods in Molecular Biology</i> , 2012, , .	0.4	4
1128	A Functional Polymorphism in <i>Pre-miR-146a</i> Is Associated with Susceptibility to Gastric Cancer in a Chinese Population. <i>DNA and Cell Biology</i> , 2012, 31, 1290-1295.	0.9	59
1129	MicroRNAs as Tools in Biopharmaceutical Production. , 2012, , .		2
1130	<i>Drosophila</i> miR-124 regulates neuroblast proliferation through its target <i>anachronism</i> . <i>Development (Cambridge)</i> , 2012, 139, 1427-1434.	1.2	61
1131	Discovery of Centrosomal RNA and Centrosomal Hypothesis of Cellular Ageing and Differentiation. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2012, 31, 172-183.	0.4	2
1132	Molecular dynamics simulations of Ago silencing complexes reveal a large repertoire of admissible "seed-less" targets. <i>Scientific Reports</i> , 2012, 2, 569.	1.6	62
1133	Macro-Role of MicroRNA in Gastric Cancer. <i>Digestive Diseases</i> , 2012, 30, 255-267.	0.8	81
1134	MicroRNAs and Hematopoietic Cell Development. <i>Current Topics in Developmental Biology</i> , 2012, 99, 145-174.	1.0	55
1135	BioVLAB-MMIA: A Cloud Environment for microRNA and mRNA Integrated Analysis (MMIA) on Amazon EC2. <i>IEEE Transactions on Nanobioscience</i> , 2012, 11, 266-272.	2.2	24
1136	Sample Preparation for Small RNA Massive Parallel Sequencing. <i>Methods in Molecular Biology</i> , 2012, 786, 167-178.	0.4	2
1137	Regulation of Skeletal Muscle Development and Function by microRNAs. , 2012, , 871-880.		0
1138	Genome-wide microRNA profiling of human temporal lobe epilepsy identifies modulators of the immune response. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 3127-3145.	2.4	170
1139	Identification and characterization of microRNA in the dairy goat (<i>Capra hircus</i>) mammary gland by Solexa deep-sequencing technology. <i>Molecular Biology Reports</i> , 2012, 39, 9361-9371.	1.0	87
1140	Comprehensive microRNA profiling in B-cells of human centenarians by massively parallel sequencing. <i>BMC Genomics</i> , 2012, 13, 353.	1.2	69
1141	MicroRNAs regulatory networks in myeloid lineage development and differentiation: regulators of the regulators. <i>Immunology and Cell Biology</i> , 2012, 90, 587-593.	1.0	43
1142	MicroRNA-29: a potential therapeutic target for systemic sclerosis. <i>Expert Opinion on Therapeutic Targets</i> , 2012, 16, 875-879.	1.5	46
1143	Cardiac MicroRNAs. , 2012, , 341-351.		0
1144	A microRNA network regulates proliferative timing and extracellular matrix synthesis during cellular quiescence in fibroblasts. <i>Genome Biology</i> , 2012, 13, R121.	13.9	57

#	ARTICLE	IF	CITATIONS
1145	Sex differences in microRNA regulation of gene expression: no smoke, just miRs. <i>Biology of Sex Differences</i> , 2012, 3, 22.	1.8	106
1146	A new class of RNAs and the centrosomal hypothesis of cell aging. <i>Advances in Gerontology</i> , 2012, 2, 287-291.	0.1	1
1147	Optimal Use of Conservation and Accessibility Filters in MicroRNA Target Prediction. <i>PLoS ONE</i> , 2012, 7, e32208.	1.1	17
1148	The mir-51 Family of microRNAs Functions in Diverse Regulatory Pathways in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2012, 7, e37185.	1.1	21
1149	Damage Associated Molecular Pattern Molecule-Induced microRNAs (DAMPmiRs) in Human Peripheral Blood Mononuclear Cells. <i>PLoS ONE</i> , 2012, 7, e38899.	1.1	35
1150	Dre-miR-2188 Targets Nrp2a and Mediates Proper Intersegmental Vessel Development in Zebrafish Embryos. <i>PLoS ONE</i> , 2012, 7, e39417.	1.1	11
1151	miRNA-mRNA Correlation-Network Modules in Human Prostate Cancer and the Differences between Primary and Metastatic Tumor Subtypes. <i>PLoS ONE</i> , 2012, 7, e40130.	1.1	38
1152	A Least Angle Regression Model for the Prediction of Canonical and Non-Canonical miRNA-mRNA Interactions. <i>PLoS ONE</i> , 2012, 7, e40634.	1.1	20
1153	A Novel Vector-Based Method for Exclusive Overexpression of Star-Form MicroRNAs. <i>PLoS ONE</i> , 2012, 7, e41504.	1.1	9
1154	Epigenetic Modification of Gene Expression in Honey Bees by Heterospecific Gland Secretions. <i>PLoS ONE</i> , 2012, 7, e43727.	1.1	25
1155	MicroRNAs in Human Malignant Gliomas. <i>Journal of Oncology</i> , 2012, 2012, 1-7.	0.6	24
1156	Specific Roles of MicroRNAs in Their Interactions with Environmental Factors. <i>Journal of Nucleic Acids</i> , 2012, 2012, 1-10.	0.8	29
1157	Insects, nematodes, and other pests. , 2012, , 353-370.		2
1158	The Aryl Hydrocarbon Receptor Pathway: A Key Component of the microRNA-Mediated AML Signalosome. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 1939-1953.	1.2	18
1159	Understanding Alcoholism Through microRNA Signatures in Brains of Human Alcoholics. <i>Frontiers in Genetics</i> , 2012, 3, 43.	1.1	56
1160	Cigarette Smoke Exposure-Associated Alterations to Non-Coding RNA. <i>Frontiers in Genetics</i> , 2012, 3, 53.	1.1	37
1161	Evolutionary conservation and functional roles of ncRNA. <i>Frontiers in Genetics</i> , 2012, 3, 205.	1.1	66
1162	Does Lin28 Antagonize miRNA-Mediated Repression by Displacing miRISC from Target mRNAs?. <i>Frontiers in Genetics</i> , 2012, 3, 240.	1.1	8

#	ARTICLE	IF	CITATIONS
1163	miRNA-mediated deregulation in leukemia. <i>Frontiers in Genetics</i> , 2012, 3, 252.	1.1	9
1164	More epigenetic hits than meets the eye: microRNAs and genes associated with the tumorigenesis of retinoblastoma. <i>Frontiers in Genetics</i> , 2012, 3, 284.	1.1	50
1165	Epithelialâ€“Mesenchymal Transition in Ovarian Carcinoma. <i>Frontiers in Oncology</i> , 2012, 2, 33.	1.3	136
1166	<i>Molecular Neuroscience and Genetics</i> . , 2012, , 27-54.		1
1167	The role of microRNAs in glioma initiation and progression. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 700.	3.0	94
1168	MicroRNAs in vascular biology â€“ metabolism and atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2012, 107, 603-604.	1.8	11
1169	MicroRNAs Regulation of Tumor Angiogenesis. , 0, , .		0
1170	MicroRNAs: molecular features and role in cancer. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 2508.	3.0	171
1171	MicroRNAs in the regulation of immune cell functions â€“ implications for atherosclerotic vascular disease. <i>Thrombosis and Haemostasis</i> , 2012, 107, 626-633.	1.8	34
1172	Molecular biomarkers of glioblastoma: current targets and clinical implications. <i>Current Biomarker Findings</i> , 0, , 63.	0.4	4
1173	Current and emerging biomarkers of hepatotoxicity. <i>Current Biomarker Findings</i> , 0, , 43.	0.4	9
1174	MicroRNA-155 Functions as a Negative Regulator of RhoA Signaling in TGF-Î²-induced Endothelial to Mesenchymal Transition. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2012, 1, 2-10.	0.6	42
1175	Structure of noncoding RNA is a determinant of function of RNA binding proteins in transcriptional regulation. <i>Cell and Bioscience</i> , 2012, 2, 1.	2.1	38
1176	Letâ€“7c functions as a metastasis suppressor by targeting MMP11 and PBX3 in colorectal cancer. <i>Journal of Pathology</i> , 2012, 226, 544-555.	2.1	128
1177	FiRePatâ€“Finding Regulatory Patterns between sRNAs and Genes. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2012, 2, 273-284.	4.6	6
1178	The Bin3 RNA methyltransferase targets 7SK RNA to control transcription and translation. <i>Wiley Interdisciplinary Reviews RNA</i> , 2012, 3, 633-647.	3.2	31
1179	Diversity of animal small RNA pathways and their biological utility. <i>Wiley Interdisciplinary Reviews RNA</i> , 2012, 3, 351-368.	3.2	53
1180	MicroRNA Targeting of Neurotropic Flavivirus: Effective Control of Virus Escape and Reversion to Neurovirulent Phenotype. <i>Journal of Virology</i> , 2012, 86, 5647-5659.	1.5	53

#	ARTICLE	IF	CITATIONS
1181	Gender-Specific Reduction of Estrogen-Sensitive Small RNA, miR-30b, in Subjects With Schizophrenia. <i>Schizophrenia Bulletin</i> , 2012, 38, 433-443.	2.3	69
1182	Pro-neural miR-128 is a glioma tumor suppressor that targets mitogenic kinases. <i>Oncogene</i> , 2012, 31, 1884-1895.	2.6	164
1183	Hepatitis C Virus Infection Modulates Expression of Interferon Stimulatory Gene IFITM1 by Upregulating miR-130A. <i>Journal of Virology</i> , 2012, 86, 10221-10225.	1.5	95
1184	MiR-23b is a safeguard against autoimmunity. <i>Nature Medicine</i> , 2012, 18, 1009-1010.	15.2	22
1185	Controlling miRNA Regulation in Disease. <i>Methods in Molecular Biology</i> , 2012, 822, 1-18.	0.4	33
1186	miR-129-3p controls cilia assembly by regulating CP110 and actin dynamics. <i>Nature Cell Biology</i> , 2012, 14, 697-706.	4.6	146
1187	Kinetic signatures of microRNA modes of action. <i>Rna</i> , 2012, 18, 1635-1655.	1.6	99
1188	The Role of MicroRNA-146a in the Pathogenesis of the Diabetic Wound-Healing Impairment. <i>Diabetes</i> , 2012, 61, 2906-2912.	0.3	189
1189	Drosha regulates neurogenesis by controlling Neurogenin 2 expression independent of microRNAs. <i>Nature Neuroscience</i> , 2012, 15, 962-969.	7.1	117
1190	Epigenetics of μ -opioid receptors: Intersection with HIV-1 infection of the central nervous system. <i>Journal of Cellular Physiology</i> , 2012, 227, 2832-2841.	2.0	18
1191	The dark side of a success story: microRNAs of the C19MC cluster in human tumours. <i>Journal of Pathology</i> , 2012, 227, 270-274.	2.1	63
1192	MicroRNA dysregulation in cancer: diagnostics, monitoring and therapeutics. A comprehensive review. <i>EMBO Molecular Medicine</i> , 2012, 4, 143-159.	3.3	1,481
1193	What comes first: translational repression or mRNA degradation? The deepening mystery of microRNA function. <i>Cell Research</i> , 2012, 22, 1322-1324.	5.7	80
1194	microRNA Regulation of Inflammatory Responses. <i>Annual Review of Immunology</i> , 2012, 30, 295-312.	9.5	814
1195	Analysis of microRNAs and their precursors in bovine early embryonic development. <i>Molecular Human Reproduction</i> , 2012, 18, 425-434.	1.3	92
1196	Evidence for a cytoplasmic microprocessor of pri-miRNAs. <i>Rna</i> , 2012, 18, 1338-1346.	1.6	84
1197	Molecular Mechanisms of Fragile X Syndrome: A Twenty-Year Perspective. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2012, 7, 219-245.	9.6	455
1198	microRNAs in the regulation of dendritic cell functions in inflammation and atherosclerosis. <i>Journal of Molecular Medicine</i> , 2012, 90, 877-885.	1.7	27

#	ARTICLE	IF	CITATIONS
1199	Recent advances in the molecular understanding of glioblastoma. <i>Journal of Neuro-Oncology</i> , 2012, 108, 11-27.	1.4	358
1200	Inhibitory effects of microRNA-34a on cell migration and invasion of invasive urothelial bladder carcinoma by targeting notch1. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2012, 32, 375-382.	1.0	30
1201	Integration of MicroRNA Databases to Study MicroRNAs Associated with Multiple Sclerosis. <i>Molecular Neurobiology</i> , 2012, 45, 520-535.	1.9	58
1202	MicroRNAs and Diabetic Complications. <i>Journal of Cardiovascular Translational Research</i> , 2012, 5, 413-422.	1.1	84
1203	Tumor suppressor miR-22 suppresses lung cancer cell progression through post-transcriptional regulation of ErbB3. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012, 138, 1355-1361.	1.2	82
1204	Transdifferentiation: a cell and molecular reprogramming process. <i>Cell and Tissue Research</i> , 2012, 348, 379-396.	1.5	31
1205	Overexpression of microRNA-378 attenuates ischemia-induced apoptosis by inhibiting caspase-3 expression in cardiac myocytes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 410-423.	2.2	145
1206	piRNAs and their involvement in male germline development in mice. <i>Development Growth and Differentiation</i> , 2012, 54, 78-92.	0.6	122
1207	Molecular network of microRNA targets in Alzheimer's disease brains. <i>Experimental Neurology</i> , 2012, 235, 436-446.	2.0	71
1208	Exercise modulates microRNAs that affect the PTEN/mTOR pathway in rats after spinal cord injury. <i>Experimental Neurology</i> , 2012, 233, 447-456.	2.0	119
1209	Advances in microRNA experimental approaches to study physiological regulation of gene products implicated in CNS disorders. <i>Experimental Neurology</i> , 2012, 235, 402-418.	2.0	36
1210	Smad-mediated regulation of microRNA biosynthesis. <i>FEBS Letters</i> , 2012, 586, 1906-1912.	1.3	110
1211	MiR-26 controls LXR-dependent cholesterol efflux by targeting ABCA1 and ARL7. <i>FEBS Letters</i> , 2012, 586, 1472-1479.	1.3	114
1212	MicroRNAs in autoimmunity and inflammatory bowel disease: Crucial regulators in immune response. <i>Autoimmunity Reviews</i> , 2012, 11, 305-314.	2.5	150
1213	MicroRNAs in multiple sclerosis and experimental autoimmune encephalomyelitis. <i>Autoimmunity Reviews</i> , 2012, 11, 174-179.	2.5	95
1214	miRNAs and related polymorphisms in rheumatoid arthritis susceptibility. <i>Autoimmunity Reviews</i> , 2012, 11, 636-641.	2.5	71
1215	Cap binding-independent recruitment of eIF4E to cytoplasmic foci. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1217-1224.	1.9	10
1216	Differential expression of microRNAs <i>miR-21</i> , <i>miR-31</i> , <i>miR-203</i> , <i>miR-125a</i> 5p and <i>miR-125b</i> and proteins PTEN and p63 in verrucous carcinoma of the head and neck. <i>Histopathology</i> , 2012, 61, 257-265.	1.6	38

#	ARTICLE	IF	CITATIONS
1217	New technologies for studying the complexity of oral diseases. <i>Oral Diseases</i> , 2012, 18, 121-126.	1.5	22
1218	MicroRNAs as components of regulatory networks controlling erythropoiesis. <i>European Journal of Haematology</i> , 2012, 89, 1-9.	1.1	17
1219	miRNA-141 is a novel regulator of BMP-2-mediated calcification in aortic stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 256-262.e2.	0.4	93
1220	Aberrant expression of serum miRNAs in schizophrenia. <i>Journal of Psychiatric Research</i> , 2012, 46, 198-204.	1.5	128
1221	The role of metabotropic glutamate receptors in addiction: Evidence from preclinical models. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 100, 811-824.	1.3	34
1222	Factors Affecting Oocyte and Embryo Transcriptomes. <i>Reproduction in Domestic Animals</i> , 2012, 47, 148-155.	0.6	59
1223	The profile of snoRNA-derived microRNAs that regulate expression of variant surface proteins in <i>Giardia lamblia</i> . <i>Cellular Microbiology</i> , 2012, 14, 1455-1473.	1.1	29
1224	The predictive value of microRNA-126 in relation to first line treatment with capecitabine and oxaliplatin in patients with metastatic colorectal cancer. <i>BMC Cancer</i> , 2012, 12, 83.	1.1	51
1225	Integrating post-transcriptional regulation into the embryonic stem cell gene regulatory network. <i>Journal of Cellular Physiology</i> , 2012, 227, 439-449.	2.0	10
1226	MicroRNAs in the midst of myeloid signal transduction. <i>Journal of Cellular Physiology</i> , 2012, 227, 525-533.	2.0	2
1227	Telocyte morphologies and potential roles in diseases. <i>Journal of Cellular Physiology</i> , 2012, 227, 2311-2317.	2.0	76
1228	What do microRNAs mean for rheumatoid arthritis?. <i>Arthritis and Rheumatism</i> , 2012, 64, 11-20.	6.7	63
1229	Post-Transcriptional Trafficking and Regulation of Neuronal Gene Expression. <i>Molecular Neurobiology</i> , 2012, 45, 99-108.	1.9	62
1230	MicroRNAs mediate metabolic stresses and angiogenesis. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 1049-1065.	2.4	20
1231	The complex world of post-transcriptional mechanisms: is their deregulation a common link for diseases? Focus on ELAV-like RNA-binding proteins. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 501-517.	2.4	75
1232	Regulation of cholesterol homeostasis. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 915-930.	2.4	155
1233	Waddington redux: models and explanation in stem cell and systems biology. <i>Biology and Philosophy</i> , 2012, 27, 179-213.	0.7	42
1234	Igf2-derived intronic miR-483 promotes mouse hepatocellular carcinoma cell proliferation. <i>Molecular and Cellular Biochemistry</i> , 2012, 361, 337-343.	1.4	19

#	ARTICLE	IF	CITATIONS
1235	Tracking miRNA precursor metabolic products and processing sites through completely analyzing high-throughput sequencing data. <i>Molecular Biology Reports</i> , 2012, 39, 2031-2038.	1.0	14
1236	Differential expression of microRNA patterns in planarian normal and regenerative tissues. <i>Molecular Biology Reports</i> , 2012, 39, 2653-2658.	1.0	13
1237	Role of microRNAs in endothelial inflammation and senescence. <i>Molecular Biology Reports</i> , 2012, 39, 4509-4518.	1.0	88
1238	TGF- β 2 signal transduction spreading to a wider field: a broad variety of mechanisms for context-dependent effects of TGF- β 2. <i>Cell and Tissue Research</i> , 2012, 347, 37-49.	1.5	88
1239	Histone deacetylase inhibition in colorectal cancer cells reveals competing roles for members of the oncogenic miR-17-92 cluster. <i>Molecular Carcinogenesis</i> , 2013, 52, 459-474.	1.3	97
1240	Hippocampal microRNA-132 mediates stress-inducible cognitive deficits through its acetylcholinesterase target. <i>Brain Structure and Function</i> , 2013, 218, 59-72.	1.2	157
1241	Goserelin and bicalutamide treatments alter the expression of microRNAs in the prostate. <i>Prostate</i> , 2013, 73, 101-112.	1.2	11
1242	MicroRNAs in the pathogenesis of malignant melanoma. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2013, 27, 142-150.	1.3	28
1243	Fundamental Role of microRNAs in Androgen-Dependent Male Reproductive Biology and Prostate Cancerogenesis. <i>American Journal of Reproductive Immunology</i> , 2013, 69, 100-104.	1.2	6
1244	MicroRNA-126 and epidermal growth factor-like domain 7 are an angiogenic couple of importance in metastatic colorectal cancer. Results from the Nordic ACT trial. <i>British Journal of Cancer</i> , 2013, 109, 1243-1251.	2.9	64
1245	Targeting translational control as a novel way to treat inflammatory disease: the emerging role of MicroRNAs. <i>Clinical and Experimental Allergy</i> , 2013, 43, 981-999.	1.4	51
1246	An integrated analysis of microRNA and mRNA expression in salivianolic acid B-treated human umbilical vein endothelial cells. <i>Molecular and Cellular Toxicology</i> , 2013, 9, 1-7.	0.8	6
1247	Differential miRNA profile on photoaged primary human fibroblasts irradiated with ultraviolet A. <i>Tumor Biology</i> , 2013, 34, 3491-3500.	0.8	20
1248	Visualising and quantifying angiogenesis in metastatic colorectal cancer. <i>Cellular Oncology (Dordrecht)</i> , 2013, 36, 341-350.	2.1	14
1249	The admirable advances in cardiovascular biology through the zebrafish model system. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2489-2503.	2.4	5
1250	NPY modulates miR-30a-5p and BDNF in opposite direction in an in vitro model of Alzheimer disease: a possible role in neuroprotection?. <i>Molecular and Cellular Biochemistry</i> , 2013, 376, 189-195.	1.4	72
1251	The Genetics of Hair Cell Development and Regeneration. <i>Annual Review of Neuroscience</i> , 2013, 36, 361-381.	5.0	97
1252	The expanded collagen VI family: new chains and new questions. <i>Connective Tissue Research</i> , 2013, 54, 345-350.	1.1	65

#	ARTICLE	IF	CITATIONS
1253	New insights into small RNA-dependent translational regulation in prokaryotes. <i>Trends in Genetics</i> , 2013, 29, 92-98.	2.9	89
1254	MicroRNA Cancer Regulation. <i>Advances in Experimental Medicine and Biology</i> , 2013, , .	0.8	17
1255	Clinical impact of serum exosomal microRNA-21 as a clinical biomarker in human esophageal squamous cell carcinoma. <i>Cancer</i> , 2013, 119, 1159-1167.	2.0	391
1256	Alternative <sc>RNA</sc> splicing and cancer. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013, 4, 547-566.	3.2	80
1257	MicroRNA-200a/b influenced the therapeutic effects of curcumin in hepatocellular carcinoma (HCC) cells. <i>Tumor Biology</i> , 2013, 34, 3209-3218.	0.8	49
1258	RNA sequencing reveals small RNAs differentially expressed between incipient Japanese threespine sticklebacks. <i>BMC Genomics</i> , 2013, 14, 214.	1.2	17
1259	Differential miRNA expression profiles in proliferating or differentiated keratinocytes in response to gamma irradiation. <i>BMC Genomics</i> , 2013, 14, 184.	1.2	17
1260	Circulating cardio-enriched microRNAs are associated with long-term prognosis following myocardial infarction. <i>BMC Cardiovascular Disorders</i> , 2013, 13, 12.	0.7	177
1261	Sharpening of expression domains induced by transcription and microRNA regulation within a spatio-temporal model of mid-hindbrain boundary formation. <i>BMC Systems Biology</i> , 2013, 7, 48.	3.0	16
1262	BCL11A overexpression predicts survival and relapse in non-small cell lung cancer and is modulated by microRNA-30a and gene amplification. <i>Molecular Cancer</i> , 2013, 12, 61.	7.9	48
1263	Regulation of the Nrf2 antioxidant pathway by microRNAs: New players in micromanaging redox homeostasis. <i>Free Radical Biology and Medicine</i> , 2013, 64, 4-11.	1.3	187
1264	MiR-133a Modulates Osteogenic Differentiation of Vascular Smooth Muscle Cells. <i>Endocrinology</i> , 2013, 154, 3344-3352.	1.4	119
1265	MicroRNAs Regulate Human Brain Endothelial Cell-Barrier Function in Inflammation: Implications for Multiple Sclerosis. <i>Journal of Neuroscience</i> , 2013, 33, 6857-6863.	1.7	122
1266	Functional characteristics of a double negative feedback loop mediated by microRNAs. <i>Cognitive Neurodynamics</i> , 2013, 7, 417-429.	2.3	20
1267	Molecular Marker. , 2013, , 1453-1453.		0
1268	Identification of a long non-coding RNA-associated RNP complex regulating metastasis at the translational step. <i>EMBO Journal</i> , 2013, 32, 2672-2684.	3.5	152
1269	Circulating miR-130b mediates metabolic crosstalk between fat and muscle in overweight/obesity. <i>Diabetologia</i> , 2013, 56, 2275-2285.	2.9	114
1270	MiR-487a resensitizes mitoxantrone (MX)-resistant breast cancer cells (MCF-7/MX) to MX by targeting breast cancer resistance protein (BCRP/ABCG2). <i>Cancer Letters</i> , 2013, 339, 107-115.	3.2	94

#	ARTICLE	IF	CITATIONS
1271	Tumor suppressive miR-509-5p contributes to cell migration, proliferation and antiapoptosis in renal cell carcinoma. Irish Journal of Medical Science, 2013, 182, 621-627.	0.8	28
1272	MicroRNA-146a and RBM4 form a negative feed-forward loop that disrupts cytokine mRNA translation following TLR4 responses in human THP-1 monocytes. Immunology and Cell Biology, 2013, 91, 532-540.	1.0	45
1273	Targeting deregulated epigenetic control in cancer. Journal of Cellular Physiology, 2013, 228, 2103-2108.	2.0	22
1274	Maximum Likelihood. , 2013, , 1189-1189.		0
1275	Mutual inhibition between miR-34a and SIRT1 contributes to regulation of DNA double-strand break repair. Science Bulletin, 2013, 58, 979-985.	1.7	3
1276	MiR-196a2 rs11614913 T>C polymorphism and risk of esophageal cancer in a Chinese population. Human Immunology, 2013, 74, 1199-1205.	1.2	63
1277	Expression of microRNA-184 in keratinocytes represses argonaute 2. Journal of Cellular Physiology, 2013, 228, 2314-2323.	2.0	39
1278	Computational Methods for Transcriptional Regulatory Networks. , 2013, , 468-473.		0
1279	Oxidative stress in atherosclerosis: The role of microRNAs in arterial remodeling. Free Radical Biology and Medicine, 2013, 64, 69-77.	1.3	68
1280	Changes in microRNA and mRNA Expression with Differentiation of Human Bronchial Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 384-395.	1.4	51
1281	Breaking limitations of complex culture media: Functional non-viral miRNA delivery into pharmaceutical production cell lines. Journal of Biotechnology, 2013, 168, 589-600.	1.9	32
1282	An unsolved mystery: The target-recognizing RNA species of microRNA genes. Biochimie, 2013, 95, 1663-1676.	1.3	11
1283	Loss of RNA-induced silencing complex-related proteins in non-small cell lung cancers. Apms, 2013, 121, 460-462.	0.9	3
1284	Differential microRNA expression in blood in multiple sclerosis. Multiple Sclerosis Journal, 2013, 19, 1849-1857.	1.4	110
1285	Epigenetic role of miRNAs in normal and leukemic hematopoiesis. Epigenomics, 2013, 5, 539-552.	1.0	17
1286	Design and interpretation of microRNA reporter gene activity. Analytical Biochemistry, 2013, 437, 164-171.	1.1	11
1287	Regulation of the unfolded protein response by microRNAs. Cellular and Molecular Biology Letters, 2013, 18, 555-78.	2.7	49
1288	Synthetic Messenger RNA and Cell Metabolism Modulation. Methods in Molecular Biology, 2013, , .	0.4	6

#	ARTICLE	IF	CITATIONS
1289	Epigenetics and Cancer. , 2013, , .		5
1290	Ten Years of Progress in GW/P Body Research. <i>Advances in Experimental Medicine and Biology</i> , 2013, , .	0.8	5
1291	Exchange Protein Directly Activated by cAMP (epac): A Multidomain cAMP Mediator in the Regulation of Diverse Biological Functions. <i>Pharmacological Reviews</i> , 2013, 65, 670-709.	7.1	230
1292	MicroRNA-based regulation of epithelialâ€“hybridâ€“mesenchymal fate determination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18144-18149.	3.3	442
1293	Tumor-suppressive microRNA-29a inhibits cancer cell migration and invasion via targeting HSP47 in cervical squamous cell carcinoma. <i>International Journal of Oncology</i> , 2013, 43, 1855-1863.	1.4	107
1294	The science of implantation emerges blinking into the light. <i>Reproductive BioMedicine Online</i> , 2013, 27, 453-460.	1.1	48
1295	Accelerating Cancer Modeling with RNAi and Nongermline Genetically Engineered Mouse Models. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.top069856.	0.2	17
1296	Network signatures of cellular immortalization in human lymphoblastoid cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 438-446.	1.0	12
1297	Heterogeneous nuclear ribonucleoprotein A1 in health and neurodegenerative disease: From structural insights to post-transcriptional regulatory roles. <i>Molecular and Cellular Neurosciences</i> , 2013, 56, 436-446.	1.0	72
1299	Tissue and circulating microRNA influence reproductive function in endometrial disease. <i>Reproductive BioMedicine Online</i> , 2013, 27, 515-529.	1.1	70
1300	Polyethylenimine and chitosan carriers for the delivery of RNA interference effectors. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1653-1668.	2.4	65
1301	Dynamic Anchoring of the 3â€“End of the Guide Strand Controls the Target Dissociation of Argonauteâ€“Guide Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 16865-16871.	6.6	47
1302	Stop feeding cancer: Pro-inflammatory role of visceral adiposity in liver cancer. <i>Cytokine</i> , 2013, 64, 626-637.	1.4	37
1303	Identification and comparative analyses of myocardial miRNAs involved in the fetal response to maternal obesity. <i>Physiological Genomics</i> , 2013, 45, 889-900.	1.0	67
1304	CryomiRs: Towards the identification of a cold-associated family of microRNAs. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2013, 8, 358-364.	0.4	21
1305	Regulation of Stem Cell Populations by microRNAs. <i>Advances in Experimental Medicine and Biology</i> , 2013, 786, 329-351.	0.8	111
1306	Aberrant DNA methylation in human cancers. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2013, 33, 798-804.	1.0	12
1307	Alterations in expression profile of iron-related genes in colorectal cancer. <i>Molecular Biology Reports</i> , 2013, 40, 5573-5585.	1.0	22

#	ARTICLE	IF	CITATIONS
1308	miR-21 coordinates tumor growth and modulates KRIT1 levels. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 90-96.	1.0	27
1309	Suppression of tumor cell invasiveness and in vivo tumor growth by microRNA-874 in non-small cell lung cancer. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 627-633.	1.0	50
1310	miR-223: infection, inflammation and cancer. <i>Journal of Internal Medicine</i> , 2013, 274, 215-226.	2.7	360
1311	Tumor-suppressive <i>microRNA-1291</i> directly regulates glucose transporter 1 in renal cell carcinoma. <i>Cancer Science</i> , 2013, 104, 1411-1419.	1.7	87
1312	Study of the gene expression and microRNA expression profiles of malignant rhabdoid tumors originated in the brain (AT/RT) and in the kidney (RTK). <i>Child's Nervous System</i> , 2013, 29, 1977-1983.	0.6	22
1313	MicroRNA-124 reduces caveolar density by targeting caveolin-1 in porcine kidney epithelial PK15 cells. <i>Molecular and Cellular Biochemistry</i> , 2013, 384, 213-219.	1.4	17
1314	Association between SNPs in microRNA-machinery genes and tuberculosis susceptibility in Chinese Tibetan population. <i>Molecular Biology Reports</i> , 2013, 40, 6027-6033.	1.0	22
1315	The multiple roles of microRNA-155 in oncogenesis. <i>Journal of Clinical Bioinformatics</i> , 2013, 3, 17.	1.2	112
1316	RIP-seq of BmAgo2-associated small RNAs reveal various types of small non-coding RNAs in the silkworm, <i>Bombyx mori</i> . <i>BMC Genomics</i> , 2013, 14, 661.	1.2	37
1317	A highly expressed miR-101 isomiR is a functional silencing small RNA. <i>BMC Genomics</i> , 2013, 14, 104.	1.2	93
1318	APOBEC3 inhibits DEAD-END function to regulate microRNA activity. <i>BMC Molecular Biology</i> , 2013, 14, 16.	3.0	12
1319	Translational profiling in childhood acute lymphoblastic leukemia: no evidence for glucocorticoid regulation of mRNA translation. <i>BMC Genomics</i> , 2013, 14, 844.	1.2	2
1322	A systematic analysis of a mi-RNA inter-pathway regulatory motif. <i>Journal of Clinical Bioinformatics</i> , 2013, 3, 20.	1.2	11
1323	Contribution of <i>microRNA-24</i> and <i>miR-125b</i> to interleukin-6-mediated plasma cell survival. <i>European Journal of Immunology</i> , 2013, 43, 3028-3037.	1.6	18
1324	Dynamical features of the quasi-stationary microRNA-mediated protein translation process supported by eIF4F translation initiation factors. <i>Computers and Mathematics With Applications</i> , 2013, 66, 1716-1725.	1.4	1
1325	The Imprinted H19 LncRNA Antagonizes Let-7 MicroRNAs. <i>Molecular Cell</i> , 2013, 52, 101-112.	4.5	969
1327	miR-21-Containing Microvesicles from Injured Tubular Epithelial Cells Promote Tubular Phenotype Transition by Targeting PTEN Protein. <i>American Journal of Pathology</i> , 2013, 183, 1183-1196.	1.9	65
1328	<i>MicroRNA-218</i> Inhibits Cell Migration and Invasion in Renal Cell Carcinoma through Targeting <i>Caveolin-2</i> Involved in Focal Adhesion Pathway. <i>Journal of Urology</i> , 2013, 190, 1059-1068.	0.2	102

#	ARTICLE	IF	CITATIONS
1329	Characterization and analysis of migration patterns of dentospheres derived from periodontal tissue and the palate. <i>Journal of Periodontal Research</i> , 2013, 48, 276-285.	1.4	11
1330	MicroRNA-145 Post-transcriptionally Regulates the Expression and Function of P-glycoprotein in Intestinal Epithelial Cells. <i>Molecular Pharmacology</i> , 2013, 83, 399-405.	1.0	71
1331	MicroRNA control in the development of systemic autoimmunity. <i>Arthritis Research and Therapy</i> , 2013, 15, 202.	1.6	33
1332	Carbon nanodot-based self-delivering microRNA sensor to visualize microRNA124a expression during neurogenesis. <i>Journal of Materials Chemistry B</i> , 2013, 1, 4438.	2.9	42
1333	MiR-221/-222 differentiate prognostic groups in advanced breast cancers and influence cell invasion. <i>British Journal of Cancer</i> , 2013, 109, 2714-2723.	2.9	54
1334	Epigenetic control of epithelial-to-mesenchymal transition and cancer metastasis. <i>Experimental Cell Research</i> , 2013, 319, 160-169.	1.2	125
1335	MiR-130a, miR-203 and miR-205 jointly repress key oncogenic pathways and are downregulated in prostate carcinoma. <i>Oncogene</i> , 2013, 32, 277-285.	2.6	198
1336	Function of CW182 and GW Bodies in siRNA and miRNA Pathways. <i>Advances in Experimental Medicine and Biology</i> , 2013, 768, 71-96.	0.8	22
1337	Regulation of the MIR155 host gene in physiological and pathological processes. <i>Gene</i> , 2013, 532, 1-12.	1.0	405
1338	A MicroRNA196a2* and TP63 Circuit Regulated by Estrogen Receptor- α and ERK2 that Controls Breast Cancer Proliferation and Invasiveness Properties. <i>Hormones and Cancer</i> , 2013, 4, 78-91.	4.9	26
1339	The Nrf2 cell defence pathway: Keap1-dependent and -independent mechanisms of regulation. <i>Biochemical Pharmacology</i> , 2013, 85, 705-717.	2.0	855
1340	The Human Genome. , 2013, , 4-27.		1
1341	Joint analysis of miRNA and mRNA expression data. <i>Briefings in Bioinformatics</i> , 2013, 14, 263-278.	3.2	104
1342	Transfer of Growth Factor Receptor mRNA Via Exosomes Unravels the Regenerative Effect of Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2013, 22, 772-780.	1.1	300
1343	Prediction of personalized microRNA activity. <i>Gene</i> , 2013, 518, 101-106.	1.0	2
1344	miR-130b is an EMT-related microRNA that targets DICER1 for aggression in endometrial cancer. <i>Medical Oncology</i> , 2013, 30, 484.	1.2	60
1345	Development of a miR-22a delivery system for anti-angiogenesis-based cancer therapy. <i>Journal of Gene Medicine</i> , 2013, 15, 20-27.	1.4	27
1346	Influence of age on wound healing and fibrosis. <i>Journal of Pathology</i> , 2013, 229, 310-322.	2.1	75

#	ARTICLE	IF	CITATIONS
1347	Cancer-associated somatic <i>DICER1</i> hotspot mutations cause defective miRNA processing and reverse-strand expression bias to predominantly mature 3p strands through loss of 5p strand cleavage. <i>Journal of Pathology</i> , 2013, 229, 400-409.	2.1	135
1348	Antagonistic Function of the RNA-binding Protein HuR and miR-200b in Post-transcriptional Regulation of Vascular Endothelial Growth Factor-A Expression and Angiogenesis. <i>Journal of Biological Chemistry</i> , 2013, 288, 4908-4921.	1.6	73
1349	An Optimized microRNA Backbone for Effective Single-Copy RNAi. <i>Cell Reports</i> , 2013, 5, 1704-1713.	2.9	563
1350	Dissecting non-coding RNA mechanisms in cellulo by Single-molecule High-Resolution Localization and Counting. <i>Methods</i> , 2013, 63, 188-199.	1.9	31
1351	miR-128 and its target genes in tumorigenesis and metastasis. <i>Experimental Cell Research</i> , 2013, 319, 3059-3064.	1.2	97
1352	Low-expression of microRNA-107 inhibits cell apoptosis in glioma by upregulation of SALL4. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1962-1973.	1.2	64
1353	Nodal Promotes mir206 Expression to Control Convergence and Extension Movements During Zebrafish Gastrulation. <i>Journal of Genetics and Genomics</i> , 2013, 40, 515-521.	1.7	10
1354	Association of microRNAs genes polymorphisms with rheumatoid arthritis in Egyptian female patients. <i>Joint Bone Spine</i> , 2013, 80, 626-631.	0.8	42
1355	Heme Levels Are Increased in Human Failing Hearts. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1884-1893.	1.2	66
1356	Down-Regulation of MicroRNA-146a in the Early Stage of Liver Ischemia-Reperfusion Injury. <i>Transplantation Proceedings</i> , 2013, 45, 492-496.	0.3	31
1357	Conformational changes induced in the eukaryotic translation initiation factor eIF4E by a clinically relevant inhibitor, ribavirin triphosphate. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 614-619.	1.0	32
1358	A potentially functional polymorphism in the promoter region of let-7 family is associated with survival of hepatocellular carcinoma. <i>Cancer Epidemiology</i> , 2013, 37, 998-1002.	0.8	43
1359	Neurovirulent flavivirus can be attenuated in mice by incorporation of neuron-specific microRNA recognition elements into viral genome. <i>Vaccine</i> , 2013, 31, 5915-5922.	1.7	25
1360	Fluorescent indicator displacement assay of ligands targeting 10 microRNA precursors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7101-7106.	1.4	21
1361	STZ treatment induced apoptosis of retinal cells and effect of up-regulation of calcitonin gene related peptide in rats. <i>Journal of Diabetes and Its Complications</i> , 2013, 27, 531-537.	1.2	18
1362	Arthropod-Borne Flaviviruses and RNA Interference. <i>Advances in Virus Research</i> , 2013, 85, 91-111.	0.9	13
1363	NOT2 Proteins Promote Polymerase II-Dependent Transcription and Interact with Multiple MicroRNA Biogenesis Factors in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 715-727.	3.1	147
1364	Mechanisms coordinating ELAV/Hu mRNA regulons. <i>Current Opinion in Genetics and Development</i> , 2013, 23, 35-43.	1.5	130

#	ARTICLE	IF	CITATIONS
1365	Web Resources for microRNA Research. <i>Advances in Experimental Medicine and Biology</i> , 2013, 774, 225-250.	0.8	16
1366	<i>Leishmania donovani</i> Targets Dicer1 to Downregulate miR-122, Lower Serum Cholesterol, and Facilitate Murine Liver Infection. <i>Cell Host and Microbe</i> , 2013, 13, 277-288.	5.1	190
1367	Tumor-suppressive <i>microRNA-135a</i> inhibits cancer cell proliferation by targeting the <i>MYC</i> oncogene in renal cell carcinoma. <i>Cancer Science</i> , 2013, 104, 304-312.	1.7	87
1368	Large-scale screening identifies a novel microRNA, miR-15a-3p, which induces apoptosis in human cancer cell lines. <i>RNA Biology</i> , 2013, 10, 287-300.	1.5	41
1369	miRNA-transcription factor interactions: a combinatorial regulation of gene expression. <i>Molecular Genetics and Genomics</i> , 2013, 288, 77-87.	1.0	145
1370	Role of microRNA-138 as a Potential Tumor Suppressor in Head and Neck Squamous Cell Carcinoma. <i>International Review of Cell and Molecular Biology</i> , 2013, 303, 357-385.	1.6	47
1371	Mathematical Modeling of microRNA-Mediated Mechanisms of Translation Repression. <i>Advances in Experimental Medicine and Biology</i> , 2013, 774, 189-224.	0.8	25
1372	MicroRNA transport: A new way in cell communication. <i>Journal of Cellular Physiology</i> , 2013, 228, 1713-1719.	2.0	110
1373	Tumor suppressive microRNA-218 inhibits cancer cell migration and invasion by targeting focal adhesion pathways in cervical squamous cell carcinoma. <i>International Journal of Oncology</i> , 2013, 42, 1523-1532.	1.4	105
1374	MicroRNA regulation of T cell differentiation and function. <i>Immunological Reviews</i> , 2013, 253, 65-81.	2.8	127
1375	<i>miR-17-92</i> : a polycistronic oncomir with pleiotropic functions. <i>Immunological Reviews</i> , 2013, 253, 158-166.	2.8	128
1376	A single nucleotide polymorphism of miR-196a-2 and vitiligo: an association study and functional analysis in a Han Chinese population. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 338-347.	1.5	22
1377	Oncogenic effects of miR-10b in glioblastoma stem cells. <i>Journal of Neuro-Oncology</i> , 2013, 112, 153-163.	1.4	151
1378	Discovery of microRNA Regulatory Networks by Integrating Multidimensional High-Throughput Data. <i>Advances in Experimental Medicine and Biology</i> , 2013, 774, 251-266.	0.8	5
1379	Epigenetic Regulation of miRNAs in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2013, 754, 137-148.	0.8	79
1380	Tumour-suppressive microRNA-874 contributes to cell proliferation through targeting of histone deacetylase 1 in head and neck squamous cell carcinoma. <i>British Journal of Cancer</i> , 2013, 108, 1648-1658.	2.9	71
1381	Akt-Mediated Phosphorylation of Argonaute 2 Downregulates Cleavage and Upregulates Translational Repression of MicroRNA Targets. <i>Molecular Cell</i> , 2013, 50, 356-367.	4.5	142
1382	Striatal modulation of <i>BDNF</i> expression using microRNA-124-expressing lentiviral vectors impairs ethanol-induced conditioned place preference and voluntary alcohol consumption. <i>European Journal of Neuroscience</i> , 2013, 38, 2328-2337.	1.2	82

#	ARTICLE	IF	CITATIONS
1383	Working Together: Combinatorial Regulation by microRNAs. <i>Advances in Experimental Medicine and Biology</i> , 2013, 774, 317-337.	0.8	22
1384	Down-regulation of inflammation-protective microRNAs 146a and 212 in monocytes of patients with postpartum psychosis. <i>Brain, Behavior, and Immunity</i> , 2013, 29, 147-155.	2.0	51
1385	<scp>mi</scp> <scp>RNA</scp> in the Regulation of Ion Channel/Transporter Expression. , 2013, 3, 599-653.		25
1386	Epstein-Barr Virus (EBV) MicroRNAs: Involvement in Cancer Pathogenesis and Immunopathology. <i>International Reviews of Immunology</i> , 2013, 32, 271-281.	1.5	19
1388	Alternative Splicing Regulates Biogenesis of miRNAs Located across Exon-Intron Junctions. <i>Molecular Cell</i> , 2013, 50, 869-881.	4.5	83
1389	MicroRNAs in the regulation of TLR and RIG-I pathways. <i>Cellular and Molecular Immunology</i> , 2013, 10, 65-71.	4.8	122
1390	Downregulation of the Mitochondrial Calcium Uniporter by Cancer-Related miR-25. <i>Current Biology</i> , 2013, 23, 58-63.	1.8	198
1391	miR-573 regulates melanoma progression by targeting the melanoma cell adhesion molecule. <i>Oncology Reports</i> , 2013, 30, 520-526.	1.2	31
1392	MicroRNAs as pharmacological targets in endothelial cell function and dysfunction. <i>Pharmacological Research</i> , 2013, 75, 15-27.	3.1	90
1393	Overexpression of long noncoding RNA PCAT-1 is a novel biomarker of poor prognosis in patients with colorectal cancer. <i>Medical Oncology</i> , 2013, 30, 588.	1.2	169
1394	Aberrant expression of microRNAs in bladder cancer. <i>Nature Reviews Urology</i> , 2013, 10, 396-404.	1.9	200
1395	MicroRNAs function as tumor suppressors or oncogenes: Aberrant expression of microRNAs in head and neck squamous cell carcinoma. <i>Auris Nasus Larynx</i> , 2013, 40, 143-149.	0.5	60
1396	Control of metastatic progression by microRNA regulatory networks. <i>Nature Cell Biology</i> , 2013, 15, 546-554.	4.6	278
1397	Up-regulation of circulating miR-20a is correlated with hepatitis C virus-mediated liver disease progression. <i>Hepatology</i> , 2013, 58, 863-871.	3.6	95
1398	Perturbation of MicroRNA-370/Lin-28 homolog A/nuclear factor kappa B regulatory circuit contributes to the development of hepatocellular carcinoma. <i>Hepatology</i> , 2013, 58, 1977-1991.	3.6	68
1399	Identifying MicroRNA and mRNA Expression Profiles in Embryonic Stem Cells Derived from Parthenogenetic, Androgenetic and Fertilized Blastocysts. <i>Journal of Genetics and Genomics</i> , 2013, 40, 189-200.	1.7	6
1400	Modulation of mGluR-Dependent MAP1B Translation and AMPA Receptor Endocytosis by MicroRNA miR-146a-5p. <i>Journal of Neuroscience</i> , 2013, 33, 9013-9020.	1.7	47
1401	MicroRNAs: potential mediators and biomarkers of diabetic complications. <i>Free Radical Biology and Medicine</i> , 2013, 64, 85-94.	1.3	109

#	ARTICLE	IF	CITATIONS
1402	The E2F1-miRNA Cancer Progression Network. <i>Advances in Experimental Medicine and Biology</i> , 2013, 774, 135-147.	0.8	30
1403	In-Depth Characterization of the MicroRNA Transcriptome in Normal Thyroid and Papillary Thyroid Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1401-E1409.	1.8	125
1404	Monoclonal antibody treatments for rheumatoid arthritis. <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 1257-1272.	1.4	41
1406	MicroRNA-206 is involved in hypoxia-induced pulmonary hypertension through targeting of the HIF-1 α /Fhl-1 pathway. <i>Laboratory Investigation</i> , 2013, 93, 748-759.	1.7	61
1407	Differential roles of miR-199a α in radiation-induced autophagy in breast cancer cells. <i>FEBS Letters</i> , 2013, 587, 436-443.	1.3	70
1408	Reasons of carcinogenesis indicate a big-bang inside: A hypothesis for the aberration of DNA methylation. <i>Medical Hypotheses</i> , 2013, 81, 50-57.	0.8	0
1409	Identification of MicroRNAs in <i>Helicoverpa armigera</i> and <i>Spodoptera litura</i> Based on Deep Sequencing and Homology Analysis. <i>International Journal of Biological Sciences</i> , 2013, 9, 1-15.	2.6	47
1410	Cell Engineering with Synthetic Messenger RNA. <i>Methods in Molecular Biology</i> , 2013, 969, 3-28.	0.4	13
1411	Micro(RNA)managing Endoplasmic Reticulum Stress. <i>IUBMB Life</i> , 2013, 65, 373-381.	1.5	51
1412	MicroRNA-29b contributes to DNA hypomethylation of CD4+ T cells in systemic lupus erythematosus by indirectly targeting DNA methyltransferase 1. <i>Journal of Dermatological Science</i> , 2013, 69, 61-67.	1.0	99
1413	A comprehensive analysis of GATA-1-regulated miRNAs reveals miR-23a to be a positive modulator of erythropoiesis. <i>Nucleic Acids Research</i> , 2013, 41, 4129-4143.	6.5	41
1414	Inhibition of tumor growth and metastasis by a self-therapeutic nanoparticle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6700-6705.	3.3	208
1415	miR-761 regulates the mitochondrial network by targeting mitochondrial fission factor. <i>Free Radical Biology and Medicine</i> , 2013, 65, 371-379.	1.3	88
1416	Induced Pluripotent Stem Cells in Cardiovascular Drug Discovery. <i>Circulation Research</i> , 2013, 112, 534-548.	2.0	99
1417	Developmental Programming: Gestational Bisphenol-A Treatment Alters Trajectory of Fetal Ovarian Gene Expression. <i>Endocrinology</i> , 2013, 154, 1873-1884.	1.4	129
1418	Morphine induced exacerbation of sepsis is mediated by tempering endotoxin tolerance through modulation of miR-146a. <i>Scientific Reports</i> , 2013, 3, 1977.	1.6	56
1419	New Diagnostic, Therapeutic and Organizational Strategies for Acute Coronary Syndromes Patients. <i>Contributions To Statistics</i> , 2013, , .	0.2	0
1420	MicroRNA signatures of iPSCs and endoderm-derived tissues. <i>Gene Expression Patterns</i> , 2013, 13, 12-20.	0.3	8

#	ARTICLE	IF	CITATIONS
1421	miR-218 is downregulated and directly targets SH3GL1 in childhood medulloblastoma. <i>Molecular Medicine Reports</i> , 2013, 8, 1111-1117.	1.1	21
1422	Hyper conserved elements in vertebrate mRNA 3' UTRs reveal a translational network of RNA-binding proteins controlled by HuR. <i>Nucleic Acids Research</i> , 2013, 41, 3201-3216.	6.5	38
1423	MicroRNA Profile to Predict Gemcitabine Resistance in Bladder Carcinoma Cell Lines. <i>Genes and Cancer</i> , 2013, 4, 61-69.	0.6	40
1424	Argonaute-3 activates the let-7a passenger strand microRNA. <i>RNA Biology</i> , 2013, 10, 1631-1643.	1.5	33
1425	microRNA in Gastrointestinal Cancer. <i>Advances in Clinical Chemistry</i> , 2013, 62, 221-268.	1.8	29
1426	Altered miRNA Expression Profiles and miR-1a Associated With Urethane-Induced Pulmonary Carcinogenesis. <i>Toxicological Sciences</i> , 2013, 135, 63-71.	1.4	21
1427	Sequence and structure-specific elements of HERG mRNA determine channel synthesis and trafficking efficiency. <i>FASEB Journal</i> , 2013, 27, 3039-3053.	0.2	6
1428	RNAi Therapeutics in Autoimmune Disease. <i>Pharmaceuticals</i> , 2013, 6, 287-294.	1.7	24
1429	Fluctuation of Global Gene Expression by Endogenous miRNA Response to the Introduction of an Exogenous miRNA. <i>International Journal of Molecular Sciences</i> , 2013, 14, 11171-11189.	1.8	9
1430	MicroRNA Expression Profile in Human Macrophages in Response to <i>Leishmania major</i> Infection. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2478.	1.3	125
1431	Downregulation of miR-17~92 Expression Increase Paclitaxel Sensitivity in Human Ovarian Carcinoma SKOV3-TR30 Cells via BIM Instead of PTEN. <i>International Journal of Molecular Sciences</i> , 2013, 14, 3802-3816.	1.8	14
1432	Control of Cholesterol Metabolism and Plasma High-Density Lipoprotein Levels by microRNA-144. <i>Circulation Research</i> , 2013, 112, 1592-1601.	2.0	187
1433	Loss of miR-10a Activates Lpo and Collaborates with Activated Wnt Signaling in Inducing Intestinal Neoplasia in Female Mice. <i>PLoS Genetics</i> , 2013, 9, e1003913.	1.5	51
1434	Long Non-Coding RNAs Embedded in the Rb and p53 Pathways. <i>Cancers</i> , 2013, 5, 1655-1675.	1.7	29
1435	Signal Transduction in the Development of Pulmonary Arterial Hypertension. <i>Pulmonary Circulation</i> , 2013, 3, 278-293.	0.8	69
1436	Nucleolin Mediates MicroRNA-directed CSF-1 mRNA Deadenylation but Increases Translation of CSF-1 mRNA. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1661-1677.	2.5	39
1437	The First Keystone Symposia Conference on Pulmonary Vascular Disease and Right Ventricular Dysfunction: Current Concepts and Future Therapies. <i>Pulmonary Circulation</i> , 2013, 3, 275-277.	0.8	2
1438	MicroRNA Regulation of Angiogenesis. , 2013, , 187-212.		0

#	ARTICLE	IF	CITATIONS
1439	Are Differences in MicroRNA Regulation Implicated in Species-Dependent Response to Toxicological Exposures?. <i>Toxicological Sciences</i> , 2013, 131, 337-342.	1.4	18
1440	ADAR Enzyme and miRNA Story: A Nucleotide that Can Make the Difference. <i>International Journal of Molecular Sciences</i> , 2013, 14, 22796-22816.	1.8	45
1441	Molecular mechanisms of peripheral nerve regeneration: emerging roles of microRNAs. <i>Frontiers in Physiology</i> , 2013, 4, 55.	1.3	51
1442	Indoxyl sulfate signals for rapid mRNA stabilization of Cbp/p300-interacting transactivator with Glu/Asp-rich carboxy-terminal domain 2 (CITED2) and suppresses the expression of hypoxia-inducible genes in experimental CKD and uremia. <i>FASEB Journal</i> , 2013, 27, 4059-4075.	0.2	42
1443	Off-Target Effect of Endogenous siRNA Derived from RMRP in Human Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 9305-9318.	1.8	12
1444	miMsg: a target enrichment algorithm for predicted miRNA-mRNA interactions based on relative ranking of matched expression data. <i>Bioinformatics</i> , 2013, 29, 1638-1646.	1.8	6
1445	Control of Translation and miRNA-Dependent Repression by a Novel Poly(A) Binding Protein, hnRNP-Q. <i>PLoS Biology</i> , 2013, 11, e1001564.	2.6	47
1446	Proteomic Screening of Human Targets of Viral microRNAs Reveals Functions Associated with Immune Evasion and Angiogenesis. <i>PLoS Pathogens</i> , 2013, 9, e1003584.	2.1	51
1447	Developing microRNA screening as a functional genomics tool for disease research. <i>Frontiers in Physiology</i> , 2013, 4, 223.	1.3	16
1448	Methylated DNA and microRNA in Body Fluids as Biomarkers for Cancer Detection. <i>International Journal of Molecular Sciences</i> , 2013, 14, 10307-10331.	1.8	37
1449	Regulation of TLR2-Mediated Tolerance and Cross-Tolerance through IRAK4 Modulation by miR-132 and miR-212. <i>Journal of Immunology</i> , 2013, 190, 1250-1263.	0.4	150
1450	Analysis of CDS-located miRNA target sites suggests that they can effectively inhibit translation. <i>Genome Research</i> , 2013, 23, 604-615.	2.4	299
1451	MicroRNA-26 Was Decreased in Rat Cardiac Hypertrophy Model and May Be a Promising Therapeutic Target. <i>Journal of Cardiovascular Pharmacology</i> , 2013, 62, 312-319.	0.8	47
1452	MicroRNA-185 oscillation controls circadian amplitude of mouse Cryptochrome 1 via translational regulation. <i>Molecular Biology of the Cell</i> , 2013, 24, 2248-2255.	0.9	34
1453	MYCN and HDAC2 cooperate to repress miR-183 signaling in neuroblastoma. <i>Nucleic Acids Research</i> , 2013, 41, 6018-6033.	6.5	87
1454	Serum miR-21 as a Diagnostic and Prognostic Biomarker in Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 2013, 105, 849-859.	3.0	425
1455	Integrative Omics Analysis Reveals the Importance and Scope of Translational Repression in microRNA-mediated Regulation. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1900-1911.	2.5	26
1456	CoLide. <i>RNA Biology</i> , 2013, 10, 1221-1230.	1.5	28

#	ARTICLE	IF	CITATIONS
1457	The interplay of microRNA and neuronal activity in health and disease. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 136.	1.8	50
1458	Degradation of high affinity HuD targets releases Kv1.1 mRNA from miR-129 repression by mTORC1. <i>Journal of Cell Biology</i> , 2013, 202, 53-69.	2.3	110
1459	Predicted MicroRNAs for Mammalian Circadian Rhythms. <i>Journal of Biological Rhythms</i> , 2013, 28, 107-116.	1.4	18
1460	miR-214 Coordinates Melanoma Progression by Upregulating ALCAM through TFAP2 and miR-148b Downmodulation. <i>Cancer Research</i> , 2013, 73, 4098-4111.	0.4	87
1461	Circulating miRNA Biomarkers for Alzheimer's Disease. <i>PLoS ONE</i> , 2013, 8, e69807.	1.1	295
1462	miR-27a regulates the self renewal of the H446 small cell lung cancer cell line in vitro. <i>Oncology Reports</i> , 2013, 29, 161-168.	1.2	28
1463	The Unique Expression and Function of miR-424 in Human Placental Trophoblasts1. <i>Biology of Reproduction</i> , 2013, 89, 25.	1.2	46
1464	Increased Serum MicroRNA-155 Level Associated with Nonresponsiveness to Hepatitis B Vaccine. <i>Vaccine Journal</i> , 2013, 20, 1089-1091.	3.2	10
1465	miR-375 regulates rat alveolar epithelial cell trans-differentiation by inhibiting Wnt/ β -catenin pathway. <i>Nucleic Acids Research</i> , 2013, 41, 3833-3844.	6.5	97
1466	Canonical Wnt signaling activates miR-34 expression during osteoblastic differentiation. <i>Molecular Medicine Reports</i> , 2013, 8, 1807-1811.	1.1	27
1467	MicroRNA-10 Decreases heme Levels by Targeting Ferrochelatase in Cardiomyocytes. <i>Journal of the American Heart Association</i> , 2013, 2, e000121.	1.6	24
1468	MicroRNAs in the pathogenesis of systemic lupus erythematosus. <i>International Journal of Rheumatic Diseases</i> , 2013, 16, 115-121.	0.9	9
1469	Clinical implications of microRNAs in human glioblastoma. <i>Frontiers in Oncology</i> , 2013, 3, 19.	1.3	48
1470	The Function of miRNA in Hepatic Cancer Stem Cell. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	31
1471	MicroRNA 33 Regulates Glucose Metabolism. <i>Molecular and Cellular Biology</i> , 2013, 33, 2891-2902.	1.1	139
1472	Platelet microRNAs. <i>Circulation Research</i> , 2013, 112, 576-578.	2.0	4
1473	MicroRNA in Human Glioma. <i>Cancers</i> , 2013, 5, 1306-1331.	1.7	45
1474	MicroRNAs as Molecular Targets for Cancer Therapy: On the Modulation of MicroRNA Expression. <i>Pharmaceuticals</i> , 2013, 6, 1195-1220.	1.7	55

#	ARTICLE	IF	CITATIONS
1475	RNAi and retroviruses: are they in RISC?. <i>Biomolecular Concepts</i> , 2013, 4, 43-52.	1.0	2
1476	MicroRNAs and Glucocorticoid-Induced Apoptosis in Lymphoid Malignancies. <i>ISRN Hematology</i> , 2013, 2013, 1-58.	1.6	24
1477	MicroRNAs in Cardiovascular Regenerative Medicine: Directing Tissue Repair and Cellular Differentiation. <i>ISRN Vascular Medicine</i> , 2013, 2013, 1-16.	0.7	13
1478	Dynamic and differential regulation in the micro RNA expression in the developing and mature cataractous rat lens. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 1146-1159.	1.6	20
1479	Association of polymorphism in MicroRNA 219 with clearance of hepatitis B virus infection. <i>Journal of Medical Virology</i> , 2013, 85, 808-814.	2.5	22
1480	Formaldehyde Carcinogenicity Research. <i>Toxicologic Pathology</i> , 2013, 41, 181-189.	0.9	183
1481	MicroRNA-200C and -150 play an important role in endothelial cell differentiation and vasculogenesis by targeting transcription repressor ZEB1. <i>Stem Cells</i> , 2013, 31, 1749-1762.	1.4	55
1482	Gene Therapy for Vein Graft Failure. <i>Journal of Cardiac Surgery</i> , 2013, 28, 144-147.	0.3	9
1483	Tumor suppressor function of miR-483-3p on squamous cell carcinomas due to its pro-apoptotic properties. <i>Cell Cycle</i> , 2013, 12, 2183-2193.	1.3	52
1484	Identification of serum and tissue micro-RNA expression profiles in different stages of inflammatory bowel disease. <i>Clinical and Experimental Immunology</i> , 2013, 173, 250-258.	1.1	109
1485	Genome-Wide Analyses of Amphioxus MicroRNAs Reveal an Immune Regulation via miR-92d Targeting C3. <i>Journal of Immunology</i> , 2013, 190, 1491-1500.	0.4	27
1486	MicroRNA let-7a Inhibits the Proliferation and Invasion of Nonsmall Cell Lung Cancer Cell Line 95D by Regulating <i>K-Ras</i> and <i>HMGA2</i> Gene Expression. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2013, 28, 131-137.	0.7	54
1487	Genomics of Pattern Recognition Receptors. , 2013, , .		2
1488	ChIPBase: a database for decoding the transcriptional regulation of long non-coding RNA and microRNA genes from ChIP-Seq data. <i>Nucleic Acids Research</i> , 2013, 41, D177-D187.	6.5	293
1489	MicroRNA-24 Suppression of N-Acetyltransferase-1 (NDST1) Reduces Endothelial Cell Responsiveness to Vascular Endothelial Growth Factor A (VEGFA). <i>Journal of Biological Chemistry</i> , 2013, 288, 25956-25963.	1.6	28
1490	miRr2.0: A PLATFORM FOR ASSESSING THE JOINT ACTION OF MICRORNAS IN CELL REGULATION. <i>Journal of Bioinformatics and Computational Biology</i> , 2013, 11, 1343012.	0.3	2
1491	Re-analysis of genome wide data on mammalian microRNA-mediated suppression of gene expression. <i>Translation</i> , 2013, 1, e24557.	2.9	19
1492	Genome-wide identification of translationally inhibited and degraded miR-155 targets using RNA-interacting protein-IP. <i>RNA Biology</i> , 2013, 10, 1017-1029.	1.5	33

#	ARTICLE	IF	CITATIONS
1493	Clinical impact of circulating miR-221 in plasma of patients with pancreatic cancer. <i>British Journal of Cancer</i> , 2013, 108, 361-369.	2.9	191
1494	The targeting and functions of miRNA-383 are mediated by FMRP during spermatogenesis. <i>Cell Death and Disease</i> , 2013, 4, e617-e617.	2.7	61
1495	MicroRNA-18a modulates STAT3 activity through negative regulation of PIAS3 during gastric adenocarcinogenesis. <i>British Journal of Cancer</i> , 2013, 108, 653-661.	2.9	87
1496	Clinical impact of circulating miR-18a in plasma of patients with oesophageal squamous cell carcinoma. <i>British Journal of Cancer</i> , 2013, 108, 1822-1829.	2.9	102
1497	miR-200b Suppresses Cell Growth, Migration and Invasion by Targeting Notch1 in Nasopharyngeal Carcinoma. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 1288-1298.	1.1	42
1498	A Regulatory Role for MicroRNA 33* in Controlling Lipid Metabolism Gene Expression. <i>Molecular and Cellular Biology</i> , 2013, 33, 2339-2352.	1.1	128
1499	The human transcriptome is enriched for miRNA-binding sites located in cooperativity-permitting distance. <i>RNA Biology</i> , 2013, 10, 1125-1135.	1.5	38
1500	Small RNA-mediated regulation of host-pathogen interactions. <i>Virulence</i> , 2013, 4, 785-795.	1.8	64
1501	Small RNA Transcriptomes of Two Types of Exosomes in Human Whole Saliva Determined by Next Generation Sequencing. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 66-75.	0.6	131
1504	A dynamic interplay between alternative polyadenylation and microRNA regulation: Implications for cancer. <i>International Journal of Oncology</i> , 2013, 43, 995-1001.	1.4	23
1505	Discovery of novel small RNAs in the quest to unravel genome complexity. <i>Biochemical Society Transactions</i> , 2013, 41, 866-870.	1.6	7
1506	miRNAs That Shape the Innate Immune System: Regulation through Toll-Like Receptor Signaling. <i>Else-KrÄ¶ner-Fresenius-Symposia</i> , 2013, , 73-79.	0.1	0
1507	RNAi suppressor P19 can be broadly exploited for enhanced adenovirus replication and microRNA knockdown experiments. <i>Scientific Reports</i> , 2013, 3, 1363.	1.6	14
1508	BayMiR: inferring evidence for endogenous miRNA-induced gene repression from mRNA expression profiles. <i>BMC Genomics</i> , 2013, 14, 592.	1.2	3
1509	De novo transcriptome analysis using 454 pyrosequencing of the Himalayan Mayapple, <i>Podophyllum hexandrum</i> . <i>BMC Genomics</i> , 2013, 14, 748.	1.2	43
1510	Emerging role of MicroRNAs in the regulation of lipid metabolism. <i>Hepatology</i> , 2013, 57, 432-434.	3.6	22
1511	MicroRNA-224 Negatively Regulates p21 Expression During Late Neoplastic Progression in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 471-480.	0.9	56
1512	Mechanosensitive Properties in the Endothelium and Their Roles in the Regulation of Endothelial Function. <i>Journal of Cardiovascular Pharmacology</i> , 2013, 61, 461-470.	0.8	36

#	ARTICLE	IF	CITATIONS
1513	miRNA-22 suppresses colon cancer cell migration and invasion by inhibiting the expression of T-cell lymphoma invasion and metastasis 1 and matrix metalloproteinases 2 and 9. <i>Oncology Reports</i> , 2013, 29, 1932-1938.	1.2	49
1514	MicroRNA-92 regulates cervical tumorigenesis and its expression is upregulated by human papillomavirus-16 E6 in cervical cancer cells. <i>Oncology Letters</i> , 2013, 6, 468-474.	0.8	43
1515	miR-34a inhibits the metastasis of osteosarcoma cells by repressing the expression of CD44. <i>Oncology Reports</i> , 2013, 29, 1027-1036.	1.2	64
1516	A Review of Computational Tools in microRNA Discovery. <i>Frontiers in Genetics</i> , 2013, 4, 81.	1.1	86
1517	MicroRNA Target Identification—Experimental Approaches. <i>Biology</i> , 2013, 2, 189-205.	1.3	37
1518	Antisense regulation by transposon-derived RNAs in the hyperthermophilic archaeon <i>Sulfolobus solfataricus</i> . <i>EMBO Reports</i> , 2013, 14, 527-533.	2.0	28
1519	The Diagnostic and Prognostic Role of microRNA in Colorectal Cancer - a Comprehensive review. <i>Journal of Cancer</i> , 2013, 4, 281-295.	1.2	70
1520	The Interactions of microRNA and Epigenetic Modifications in Prostate Cancer. <i>Cancers</i> , 2013, 5, 998-1019.	1.7	33
1521	Analysis of the Expression Pattern of microRNA of KSHV in KSHV-infected Human Cells. <i>Journal of Bacteriology and Virology</i> , 2013, 43, 328.	0.0	2
1522	Fra-1 regulation of Matrix Metalloproteinase-1 (MMP-1) in metastatic variants of MDA-MB-231 breast cancer cells. <i>F1000Research</i> , 2013, 2, 229.	0.8	11
1523	MicroRNA in the Diseased Pulmonary Vasculature: Implications for the Basic Scientist and Clinician. <i>Journal of the Korean Society of Hypertension</i> , 2013, 19, 1.	0.2	2
1524	In-Silico Algorithms for the Screening of Possible microRNA Binding Sites and Their Interactions. <i>Current Genomics</i> , 2013, 14, 127-136.	0.7	63
1525	Down-regulation of miR-138 promotes colorectal cancer metastasis via directly targeting TWIST2. <i>Journal of Translational Medicine</i> , 2013, 11, 275.	1.8	81
1527	Large Domain Motions in Ago Protein Controlled by the Guide DNA-Strand Seed Region Determine the Ago-DNA-mRNA Complex Recognition Process. <i>PLoS ONE</i> , 2013, 8, e54620.	1.1	16
1528	eIF4GI Facilitates the MicroRNA-Mediated Gene Silencing. <i>PLoS ONE</i> , 2013, 8, e55725.	1.1	12
1529	A Snapshot of the Physical and Functional Wiring of the Eps15 Homology Domain Network in the Nematode. <i>PLoS ONE</i> , 2013, 8, e56383.	1.1	5
1530	MicroRNA-486-3p Regulates β -Globin Expression in Human Erythroid Cells by Directly Modulating BCL11A. <i>PLoS ONE</i> , 2013, 8, e60436.	1.1	102
1531	Targeting Human MicroRNA Genes Using Engineered Tal-Effector Nucleases (TALENs). <i>PLoS ONE</i> , 2013, 8, e63074.	1.1	37

#	ARTICLE	IF	CITATIONS
1532	TLR3-Induced Placental miR-210 Down-Regulates the STAT6/Interleukin-4 Pathway. PLoS ONE, 2013, 8, e67760.	1.1	53
1533	Unique and Conserved MicroRNAs in Wheat Chromosome 5D Revealed by Next-Generation Sequencing. PLoS ONE, 2013, 8, e69801.	1.1	41
1534	MicroRNA-3906 Regulates Fast Muscle Differentiation through Modulating the Target Gene homer-1b in Zebrafish Embryos. PLoS ONE, 2013, 8, e70187.	1.1	17
1535	TP53 and Let-7a micro-RNA Regulate K-Ras Activity in HCT116 Colorectal Cancer Cells. PLoS ONE, 2013, 8, e70604.	1.1	22
1536	MicroRNA-196a Is a Putative Diagnostic Biomarker and Therapeutic Target for Laryngeal Cancer. PLoS ONE, 2013, 8, e71480.	1.1	70
1537	MiR-155 Has a Protective Role in the Development of Non-Alcoholic Hepatosteatosis in Mice. PLoS ONE, 2013, 8, e72324.	1.1	105
1538	Automig, a Biosensor to Detect Alterations in miRNA Biogenesis and in Small RNA Silencing Guided by Perfect Target Complementarity. PLoS ONE, 2013, 8, e74296.	1.1	5
1539	Deep Sequencing Identification of Novel Glucocorticoid-Responsive miRNAs in Apoptotic Primary Lymphocytes. PLoS ONE, 2013, 8, e78316.	1.1	14
1540	microRNA-100 Targets SMRT/NCOR2, Reduces Proliferation, and Improves Survival in Glioblastoma Animal Models. PLoS ONE, 2013, 8, e80865.	1.1	47
1541	Mir-29 Repression in Bladder Outlet Obstruction Contributes to Matrix Remodeling and Altered Stiffness. PLoS ONE, 2013, 8, e82308.	1.1	40
1542	Identification of Host Kinase Genes Required for Influenza Virus Replication and the Regulatory Role of MicroRNAs. PLoS ONE, 2013, 8, e66796.	1.1	55
1543	Chronic Academic Stress Increases a Group of microRNAs in Peripheral Blood. PLoS ONE, 2013, 8, e75960.	1.1	51
1545	The Emerging Role of microRNA in Stroke. Current Topics in Medicinal Chemistry, 2013, 13, 1573-1588.	1.0	92
1546	MicroRNA-141 is downregulated in human renal cell carcinoma and regulates cell survival by targeting CDC25B. OncoTargets and Therapy, 2013, 6, 349.	1.0	23
1547	The complexity, function and applications of RNA in circulation. Frontiers in Genetics, 2013, 4, 115.	1.1	43
1548	MicroRNA regulation of natural killer cells. Frontiers in Immunology, 2013, 4, 44.	2.2	53
1549	MicroRNAs: The Missing Link in the Biology of Graft-Versus-Host Disease?. Frontiers in Immunology, 2013, 4, 420.	2.2	15
1550	Combined fluorescent in situ hybridization for detection of microRNAs and immunofluorescent labeling for cell-type markers. Frontiers in Cellular Neuroscience, 2013, 7, 160.	1.8	43

#	ARTICLE	IF	CITATIONS
1551	MicroRNA-431 regulates axon regeneration in mature sensory neurons by targeting the Wnt antagonist Kremen1. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 35.	1.4	69
1552	Genome-wide assessment of post-transcriptional control in the fly brain. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 49.	1.4	9
1553	Involvement of MicroRNA in Microglia-Mediated Immune Response. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-11.	3.3	64
1554	Simultaneous Detection of Different MicroRNA Types Using the ZIP-Code Array System. <i>Journal of Nucleic Acids</i> , 2013, 2013, 1-13.	0.8	5
1555	Base Composition Characteristics of Mammalian miRNAs. <i>Journal of Nucleic Acids</i> , 2013, 2013, 1-6.	0.8	24
1556	MicroRNAs in Hepatocellular Carcinoma: Regulation, Function, and Clinical Implications. <i>Scientific World Journal, The</i> , 2013, 2013, 1-14.	0.8	73
1557	Genetic Profiling: Searching for Novel Genetic Aberrations in Glioblastoma. , 0, , .		0
1558	Implications of microRNA-197 downregulated expression in esophageal cancer with poor prognosis. <i>Genetics and Molecular Research</i> , 2014, 13, 5574-5581.	0.3	13
1559	MicroRNA-223-3p Inhibits the Angiogenesis of Ischemic Cardiac Microvascular Endothelial Cells via Affecting RPS6KB1/hif-1a Signal Pathway. <i>PLoS ONE</i> , 2014, 9, e108468.	1.1	51
1560	Identifying MicroRNAs and Transcript Targets in <i>Jatropha</i> Seeds. <i>PLoS ONE</i> , 2014, 9, e83727.	1.1	35
1561	Identification and Profiling of MicroRNAs in the Embryonic Breast Muscle of Pekin Duck. <i>PLoS ONE</i> , 2014, 9, e86150.	1.1	14
1562	Mir-26a Promotes Ovarian Cancer Proliferation and Tumorigenesis. <i>PLoS ONE</i> , 2014, 9, e86871.	1.1	53
1563	Serum microRNA-21 as a Potential Biomarker for Response to Hypomethylating Agents in Myelodysplastic Syndromes. <i>PLoS ONE</i> , 2014, 9, e86933.	1.1	26
1564	gga-miR-375 Plays a Key Role in Tumorigenesis Post Subgroup J Avian Leukosis Virus Infection. <i>PLoS ONE</i> , 2014, 9, e90878.	1.1	34
1565	Serum MicroRNA-21 as a Diagnostic Marker for Lung Carcinoma: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e97460.	1.1	23
1566	Predicting Response to Preoperative Chemotherapy Agents by Identifying Drug Action on Modeled MicroRNA Regulation Networks. <i>PLoS ONE</i> , 2014, 9, e98140.	1.1	3
1567	The Roles of Individual Mammalian Argonautes in RNA Interference In Vivo. <i>PLoS ONE</i> , 2014, 9, e101749.	1.1	19
1568	Gene Silencing Mediated by Endogenous MicroRNAs under Heat Stress Conditions in Mammalian Cells. <i>PLoS ONE</i> , 2014, 9, e103130.	1.1	15

#	ARTICLE	IF	CITATIONS
1569	Plant microRNA-Target Interaction Identification Model Based on the Integration of Prediction Tools and Support Vector Machine. PLoS ONE, 2014, 9, e103181.	1.1	18
1570	Diverse Functions of mRNA Metabolism Factors in Stress Defense and Aging of <i>Caenorhabditis elegans</i> . PLoS ONE, 2014, 9, e103365.	1.1	27
1571	The Characterization of microRNA-Mediated Gene Regulation as Impacted by Both Target Site Location and Seed Match Type. PLoS ONE, 2014, 9, e108260.	1.1	13
1572	MicroRNA Related Polymorphisms and Breast Cancer Risk. PLoS ONE, 2014, 9, e109973.	1.1	49
1573	Neural Network Cascade Optimizes MicroRNA Biomarker Selection for Nasopharyngeal Cancer Prognosis. PLoS ONE, 2014, 9, e110537.	1.1	19
1574	miR-18a Inhibits CDC42 and Plays a Tumour Suppressor Role in Colorectal Cancer Cells. PLoS ONE, 2014, 9, e112288.	1.1	84
1575	Identifying MicroRNAs Involved in Aging of the Lateral Wall of the Cochlear Duct. PLoS ONE, 2014, 9, e112857.	1.1	16
1576	Functional Study of One Nucleotide Mutation in Pri-MiR-125a Coding Region which Related to Recurrent Pregnancy Loss. PLoS ONE, 2014, 9, e114781.	1.1	23
1577	miRNA Transcriptome of Hypertrophic Skeletal Muscle with Overexpressed Myostatin Propeptide. BioMed Research International, 2014, 2014, 1-19.	0.9	12
1578	High Association between Human Circulating MicroRNA-497 and Acute Myocardial Infarction. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	20
1579	Role of MicroRNA-1 in Human Cancer and Its Therapeutic Potentials. BioMed Research International, 2014, 2014, 1-11.	0.9	61
1580	HIF-1 had Pivotal Effects on Downregulation of miR-210 Decreasing Viability and Inducing Apoptosis in Hypoxic Chondrocytes. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	16
1581	Association of Polymorphism in MicroRNA 604 with Susceptibility to Persistent Hepatitis B Virus Infection and Development of Hepatocellular Carcinoma. Journal of Korean Medical Science, 2014, 29, 1523.	1.1	17
1582	Expression of microRNAs in bovine and human pre-implantation embryo culture media. Frontiers in Genetics, 2014, 5, 91.	1.1	104
1583	miRNA gene counts in chromosomes vary widely in a species and biogenesis of miRNA largely depends on transcription or post-transcriptional processing of coding genes. Frontiers in Genetics, 2014, 5, 100.	1.1	85
1584	NMDA receptor-dependent regulation of miRNA expression and association with Argonaute during LTP in vivo. Frontiers in Cellular Neuroscience, 2014, 7, 285.	1.8	19
1585	MicroRNAs regulate neuronal plasticity and are involved in pain mechanisms. Frontiers in Cellular Neuroscience, 2014, 8, 31.	1.8	48
1586	Meet the players: local translation at the synapse. Frontiers in Molecular Neuroscience, 2014, 7, 84.	1.4	45

#	ARTICLE	IF	CITATIONS
1587	Synaptic adaptations by alcohol and drugs of abuse: changes in microRNA expression and mRNA regulation. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 85.	1.4	31
1588	MicroRNA binding site polymorphisms as biomarkers in cancer management and research. <i>Pharmacogenomics and Personalized Medicine</i> , 2014, 7, 173.	0.4	23
1589	Identification and characterization of microRNAs expressed in chicken skeletal muscle. <i>Genetics and Molecular Research</i> , 2014, 13, 1465-1479.	0.3	10
1590	Involvement of miR-30c in resistance to doxorubicin by regulating YWHAZ in breast cancer cells. <i>Brazilian Journal of Medical and Biological Research</i> , 2014, 47, 60-69.	0.7	37
1591	Molecular diagnostics in gastric cancer. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 312.	3.0	25
1592	Regulation of Neuronal Gene Expression and Protein Synthesis. , 2014, , 149-174.		0
1593	MicroRNA and its Potential Use for the Treatment of Hepatitis C Virus Infection. <i>Journal of Bioanalysis & Biomedicine</i> , 2014, 06, .	0.1	0
1594	Alterations in TP53 gene â€™ Implications in Tumorigenesis Process and Prognosis in Central Nervous System Cancer. , 0, , .		1
1595	Towards Understanding RNA-Mediated Neurological Disorders. <i>Journal of Genetics and Genomics</i> , 2014, 41, 473-484.	1.7	14
1596	miR-888 is an expressed prostatic secretions-derived microRNA that promotes prostate cell growth and migration. <i>Cell Cycle</i> , 2014, 13, 227-239.	1.3	62
1597	Screening of Alternative Drugs to the Tumor Suppressor miR-375 in Esophageal Squamous Cell Carcinoma Using the Connectivity Map. <i>Oncology</i> , 2014, 87, 351-363.	0.9	6
1598	Mutant p53 Regulates Dicer through p63-dependent and -independent Mechanisms to Promote an Invasive Phenotype. <i>Journal of Biological Chemistry</i> , 2014, 289, 122-132.	1.6	61
1599	Design of potential RNAi (miRNA and siRNA) molecules for Middle East respiratory syndrome coronavirus (MERS-CoV) gene silencing by computational method. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2014, 7, 257.	2.2	1
1600	Global population-specific variation in miRNA associated with cancer risk and clinical biomarkers. <i>BMC Medical Genomics</i> , 2014, 7, 53.	0.7	90
1601	Trans-activation Response (TAR) RNA-binding Protein 2 Is a Novel Modulator of Transient Receptor Potential Canonical 4 (TRPC4) Protein. <i>Journal of Biological Chemistry</i> , 2014, 289, 9766-9780.	1.6	7
1603	Redefining high-risk patients with stage II colon cancer by risk index and microRNA-21: results from a population-based cohort. <i>British Journal of Cancer</i> , 2014, 111, 1285-1292.	2.9	24
1604	Circulating Muscle-specific miRNAs in Duchenne Muscular Dystrophy Patients. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e177.	2.3	78
1605	microRNA-18a induces apoptosis in colon cancer cells via the autophagolysosomal degradation of oncogenic heterogeneous nuclear ribonucleoprotein A1. <i>Oncogene</i> , 2014, 33, 4847-4856.	2.6	57

#	ARTICLE	IF	CITATIONS
1606	MicroRNAs in cardiac arrhythmia: DNA sequence variation of MiR-1 and MiR-133A in long QT syndrome. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2014, 74, 485-491.	0.6	11
1607	Hunting the Needle in the Haystack: A Guide to Obtain Biologically Meaningful MicroRNA Targets. <i>International Journal of Molecular Sciences</i> , 2014, 15, 20266-20289.	1.8	21
1608	Atrial fibrillation and microRNAs. <i>Frontiers in Physiology</i> , 2014, 5, 15.	1.3	119
1609	Multiple microRNAs targeted to internal ribosome entry site against foot-and-mouth disease virus infection in vitro and in vivo. <i>Virology Journal</i> , 2014, 11, 1.	1.4	83
1610	Expression of the Tumor SuppressivemiRNA-23b/27bCluster is a Good Prognostic Marker in Clear Cell Renal Cell Carcinoma. <i>Journal of Urology</i> , 2014, 192, 1822-1830.	0.2	52
1611	Interactions between E-Cadherin and MicroRNA Deregulation in Head and Neck Cancers: The Potential Interplay. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	24
1612	MicroRNAs: New Regulators of Toll-Like Receptor Signalling Pathways. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	174
1613	miRBase Tracker: keeping track of microRNA annotation changes. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, .	1.4	73
1614	miR-27 regulates mitochondrial networks by directly targeting the mitochondrial fission factor. <i>Experimental and Molecular Medicine</i> , 2014, 46, e123-e123.	3.2	38
1615	Prognostic Role of MicroRNA-210 in Various Carcinomas: A Systematic Review and Meta-Analysis. <i>Disease Markers</i> , 2014, 2014, 1-10.	0.6	28
1616	Role of miRNA<i>Let-7</i> and Its Major Targets in Prostate Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	45
1617	microRNA levels in paraffin-embedded indolent B-cell non-Hodgkin lymphoma tissues from patients chronically infected with hepatitis B or C virus. <i>BMC Infectious Diseases</i> , 2014, 14, S6.	1.3	14
1618	MicroRNAs in Human Pituitary Adenomas. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-11.	0.6	25
1619	Proteomic Approaches and Identification of Novel Therapeutic Targets for Alcoholism. <i>Neuropsychopharmacology</i> , 2014, 39, 104-130.	2.8	40
1620	microPIR2: a comprehensive database for human-mouse comparative study of microRNA-promoter interactions. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau115-bau115.	1.4	15
1621	When RNA and protein degradation pathways meet. <i>Frontiers in Plant Science</i> , 2014, 5, 161.	1.7	9
1622	Tiny masking locked nucleic acids effectively bind to mRNA and inhibit binding of microRNAs in relation to thermodynamic stability. <i>Biomedical Reports</i> , 2014, 2, 509-512.	0.9	17
1623	Role of MicroRNA in Macrophage Activation and Polarization. , 2014, , 545-555.		1

#	ARTICLE	IF	CITATIONS
1624	Epigenetic Control of Autophagy by MicroRNAs in Ovarian Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	26
1625	Clinical Study of Effects of Jian Ji Ning, a Chinese Herbal Medicine Compound Preparation, in Treating Patients with Myasthenia Gravis via the Regulation of Differential MicroRNAs Expression in Serum. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-14.	0.5	11
1626	Mutations in Conserved Residues of the <i>C. elegans</i> microRNA Argonaute ALG-1 Identify Separable Functions in ALG-1 miRISC Loading and Target Repression. <i>PLoS Genetics</i> , 2014, 10, e1004286.	1.5	34
1627	T cell receptor stimulation impairs IL-7 receptor signaling by inducing expression of the microRNA <i>miR-17</i> to target Janus kinase 1. <i>Science Signaling</i> , 2014, 7, ra83.	1.6	37
1628	MicroRNAs Influence Reproductive Responses by Females to Male Sex Peptide in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2014, 198, 1603-1619.	1.2	36
1629	Design of Nanodrugs for miRNA Targeting in Tumor Cells. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1114-1122.	0.5	26
1630	Characterization and Identification of cis-Regulatory Elements in Arabidopsis Based on Single-Nucleotide Polymorphism Information Å. <i>Plant Physiology</i> , 2014, 164, 181-200.	2.3	66
1631	microRNA input into a neural ultradian oscillator controls emergence and timing of alternative cell states. <i>Nature Communications</i> , 2014, 5, 3399.	5.8	53
1632	Protein Translation. Colloquium Series on Building Blocks of the Cell Cell Structure and Function, 2014, 2, 1-93.	0.5	0
1633	Association of circulating miR-223 and miR-16 with disease activity in patients with early rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1898-1904.	0.5	165
1634	Probing the shRNA characteristics that hinder Dicer recognition and consequently allow Ago-mediated processing and AgoshRNA activity. <i>Rna</i> , 2014, 20, 1410-1418.	1.6	32
1635	The MID-PIWI module of Piwi proteins specifies nucleotide- and strand-biases of piRNAs. <i>Rna</i> , 2014, 20, 773-781.	1.6	75
1636	Identification of Novel Predictive Markers for the Prognosis of Pancreatic Ductal Adenocarcinoma. <i>Cancer Investigation</i> , 2014, 32, 218-225.	0.6	30
1638	Hepatic toxicity biomarkers. , 2014, , 241-259.		19
1639	Design of potential RNAi (miRNA and siRNA) molecules for Middle East respiratory syndrome coronavirus (MERS-CoV) gene silencing by computational method. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2014, , .	2.2	2
1640	Unmasking the messenger. <i>RNA Biology</i> , 2014, 11, 992-997.	1.5	36
1641	A functional highâ€œcontent miRNA screen identifies miRâ€œ30 family to boost recombinant protein production in CHO cells. <i>Biotechnology Journal</i> , 2014, 9, 1279-1292.	1.8	58
1642	Hematopoietic Stem Cell Protocols. <i>Methods in Molecular Biology</i> , 2014, , .	0.4	2

#	ARTICLE	IF	CITATIONS
1643	Identification of Conservative MicroRNAs in Saanen Dairy Goat Testis Through Deep Sequencing. <i>Reproduction in Domestic Animals</i> , 2014, 49, 32-40.	0.6	41
1644	The Pivotal Role of microRNA-155 in the Control of Cancer. <i>Journal of Cellular Physiology</i> , 2014, 229, 545-550.	2.0	82
1645	Long-term therapeutic silencing of miR-33 increases circulating triglyceride levels and hepatic lipid accumulation in mice. <i>EMBO Molecular Medicine</i> , 2014, 6, 1133-1141.	3.3	127
1646	Endogenous microRNA clusters outperform chimeric sequence clusters in Chinese hamster ovary cells. <i>Biotechnology Journal</i> , 2014, 9, 538-544.	1.8	20
1647	Significance, Origin, and Function of Bovine Milk Proteins: The Biological Implications of Manipulation or Modification. , 2014, , 113-140.		1
1648	Allelic association, DNA resequencing and copy number variation at the metabotropic glutamate receptor GRM7 gene locus in bipolar disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014, 165, 365-372.	1.1	31
1649	Tumor-suppressive microRNA-218 inhibits cancer cell migration and invasion via targeting of LASP1 in prostate cancer. <i>Cancer Science</i> , 2014, 105, 802-811.	1.7	92
1650	First Trimester PbmC Microrna Predicts Adverse Pregnancy Outcome. <i>American Journal of Reproductive Immunology</i> , 2014, 72, 515-526.	1.2	22
1651	MiR-20a regulates the PRKG1 gene by targeting its coding region in pulmonary arterial smooth muscle cells. <i>FEBS Letters</i> , 2014, 588, 4677-4685.	1.3	21
1652	Current and Emerging Options for Taxol Production. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2014, 148, 405-425.	0.6	25
1653	Targets of MiRNAs in lung cancer related pathways as predictors of chronic obstructive pulmonary disease. , 2014, , .		0
1654	MicroRNA Functions in Brite/Brown Fat – Novel Perspectives towards Anti-Obesity Strategies. <i>Computational and Structural Biotechnology Journal</i> , 2014, 11, 101-105.	1.9	27
1656	Computational analysis identifies a sponge interaction network between long non-coding RNAs and messenger RNAs in human breast cancer. <i>BMC Systems Biology</i> , 2014, 8, 83.	3.0	233
1657	The prognostic value of microRNA-126 and microvessel density in patients with stage II colon cancer: results from a population cohort. <i>Journal of Translational Medicine</i> , 2014, 12, 254.	1.8	17
1658	Competing targets of microRNA-608 affect anxiety and hypertension. <i>Human Molecular Genetics</i> , 2014, 23, 4569-4580.	1.4	95
1659	Gene Profiling, Energy Metabolism, and Remodeling of the Failing Heart. , 2014, , 429-470.		0
1660	MiR-138 downregulates miRNA processing in HeLa cells by targeting RMND5A and decreasing Exportin-5 stability. <i>Nucleic Acids Research</i> , 2014, 42, 458-474.	6.5	41
1661	EpimiR: a database of curated mutual regulation between miRNAs and epigenetic modifications. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau023.	1.4	55

#	ARTICLE	IF	CITATIONS
1662	Epigenetic Biomarkers: Potential Applications in Gastrointestinal Cancers. <i>ISRN Gastroenterology</i> , 2014, 2014, 1-10.	1.5	21
1663	MicroRNA miR-124 Controls the Choice between Neuronal and Astrocyte Differentiation by Fine-tuning Ezh2 Expression. <i>Journal of Biological Chemistry</i> , 2014, 289, 20788-20801.	1.6	104
1664	Omics Approaches in Breast Cancer. , 2014, , .		10
1665	Regulation of LINE-1 in mammals. <i>Biomolecular Concepts</i> , 2014, 5, 409-428.	1.0	17
1666	MicroRNAs in TGF- β 2/Smad-mediated Tissue Fibrosis. <i>Current Pathobiology Reports</i> , 2014, 2, 235-243.	1.6	4
1667	MicroRNAs meet calcium: Joint venture in ER proteostasis. <i>Science Signaling</i> , 2014, 7, re11.	1.6	9
1668	Formaldehyde-Associated Changes in microRNAs: Tissue and Temporal Specificity in the Rat Nose, White Blood Cells, and Bone Marrow. <i>Toxicological Sciences</i> , 2014, 138, 36-46.	1.4	52
1669	In Crohn's disease fibrosis-reduced expression of the <i>miR-29</i> family enhances collagen expression in intestinal fibroblasts. <i>Clinical Science</i> , 2014, 127, 341-350.	1.8	82
1671	Exosome in Tumour Microenvironment: Overview of the Crosstalk between Normal and Cancer Cells. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	184
1672	Breast Cancer MicroRNAs: Clinical Biomarkers for the Diagnosis and Treatment Strategies. , 2014, , 171-182.		3
1673	MicroRNA: Endotyping United Airways?. <i>International Archives of Allergy and Immunology</i> , 2014, 164, 10-12.	0.9	4
1674	microRNAs and Cardiac Cell Fate. <i>Cells</i> , 2014, 3, 802-823.	1.8	38
1675	Synergism and Mutualism in Non-Enzymatic RNA Polymerization. <i>Life</i> , 2014, 4, 598-620.	1.1	15
1676	Update on non-canonical microRNAs. <i>Biomolecular Concepts</i> , 2014, 5, 275-287.	1.0	109
1677	Chemokine receptor CCR6 expression is regulated by miR-518a-5p in colorectal cancer cells. <i>Journal of Translational Medicine</i> , 2014, 12, 48.	1.8	19
1678	The role of miRNAs in cancer: from pathogenesis to therapeutic implications. <i>Future Oncology</i> , 2014, 10, 1027-1048.	1.1	57
1679	MicroRNA miR-92a-1 biogenesis and mRNA targeting is modulated by a tertiary contact within the miR-17-192 microRNA cluster. <i>Nucleic Acids Research</i> , 2014, 42, 5234-5244.	6.5	29
1680	miR-96 and miR-330 overexpressed and targeted AQP5 in lipopolysaccharide-induced rat lung damage of disseminated intravascular coagulation. <i>Blood Coagulation and Fibrinolysis</i> , 2014, 25, 731-737.	0.5	20

#	ARTICLE	IF	CITATIONS
1681	Post-transcriptional gene regulation by HuR and microRNAs in angiogenesis. <i>Current Opinion in Hematology</i> , 2014, 21, 235-240.	1.2	35
1682	microRNA regulation of lipoprotein metabolism. <i>Current Opinion in Lipidology</i> , 2014, 25, 282-288.	1.2	27
1683	Identification of microRNAs in six solanaceous plants and their potential link with phosphate and mycorrhizal signaling. <i>Journal of Integrative Plant Biology</i> , 2014, 56, 1164-1178.	4.1	38
1684	Modulation of microrna expression by volatile organic compounds in mouse lung. <i>Environmental Toxicology</i> , 2014, 29, 679-689.	2.1	25
1685	MicroRNAs and reactive oxygen species: Are they in the same regulatory circuit?. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 764-765, 64-71.	0.9	21
1686	<scp>RNAs</scp> with multiple personalities. <i>Wiley Interdisciplinary Reviews RNA</i> , 2014, 5, 1-13.	3.2	38
1687	mTOR-dependent transcriptional repression of Pcd4 tumor suppressor in lung cancer cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 43-49.	0.9	11
1688	Tumourâ€suppressive <i>microRNAâ€24</i> inhibits cancer cell migration and invasion via targeting oncogenic <i>TPD52</i> in prostate cancer. <i>FEBS Letters</i> , 2014, 588, 1973-1982.	1.3	76
1689	MicroRNA let-7c inhibits migration and invasion of human non-small cell lung cancer by targeting ITGB3 and MAP4K3. <i>Cancer Letters</i> , 2014, 342, 43-51.	3.2	169
1690	7-Ketocholesterol inhibits isocitrate dehydrogenase 2 expression and impairs endothelial function via microRNA-144. <i>Free Radical Biology and Medicine</i> , 2014, 71, 1-15.	1.3	31
1691	TRIM27/MRTF-B-Dependent Integrin Î²1 Expression Defines Leading Cells in Cancer Cell Collectives. <i>Cell Reports</i> , 2014, 7, 1156-1167.	2.9	36
1692	A preliminary analysis of association between the down-regulation of microRNA-181b expression and symptomatology improvement in schizophrenia patients before and after antipsychotic treatment. <i>Journal of Psychiatric Research</i> , 2014, 54, 134-140.	1.5	75
1693	MicroRNA expression profiles of peripheral blood mononuclear cells in patients with systemic lupus erythematosus. <i>Acta Histochemica</i> , 2014, 116, 891-897.	0.9	22
1694	Association of two polymorphisms rs2910164 in miRNA-146a and rs3746444 in miRNA-499 with rheumatoid arthritis: A meta-analysis. <i>Human Immunology</i> , 2014, 75, 602-608.	1.2	55
1695	Controlling Hox gene expression and activity to build the vertebrate axial skeleton. <i>Developmental Dynamics</i> , 2014, 243, 24-36.	0.8	39
1696	MicroRNAâ€214 Protects Cardiac Myocytes Against H₂O₂-induced Injury. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 93-101.	1.2	70
1697	Intercellular adhesion molecule 1: Recent findings and new concepts involved in mammalian spermatogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2014, 29, 43-54.	2.3	20
1698	MicroRNA expressions associated with progression of prostate cancer cells to antiandrogen therapy resistance. <i>Molecular Cancer</i> , 2014, 13, 1.	7.9	180

#	ARTICLE	IF	CITATIONS
1699	Inhibition of miR-25 improves cardiac contractility in the failing heart. <i>Nature</i> , 2014, 508, 531-535.	13.7	377
1700	Gene expression regulation mediated through reversible m6A RNA methylation. <i>Nature Reviews Genetics</i> , 2014, 15, 293-306.	7.7	1,401
1701	The actin cytoskeleton in memory formation. <i>Progress in Neurobiology</i> , 2014, 117, 1-19.	2.8	64
1702	Prediction and validation of potential pathogenic microRNAs involved in <i>Phytophthora infestans</i> infection. <i>Molecular Biology Reports</i> , 2014, 41, 1879-1889.	1.0	13
1703	Regulatory non-coding RNAs: revolutionizing the RNA world. <i>Molecular Biology Reports</i> , 2014, 41, 3915-3923.	1.0	54
1704	Identification and characterization of the microRNA transcriptome of a moth orchid <i>Phalaenopsis aphrodite</i> . <i>Plant Molecular Biology</i> , 2014, 84, 529-548.	2.0	38
1705	Ethnicity modifies the association between functional microRNA polymorphisms and breast cancer risk: a HuGE meta-analysis. <i>Tumor Biology</i> , 2014, 35, 529-543.	0.8	51
1706	MicroRNA-26 Family Is Required for Human Adipogenesis and Drives Characteristics of Brown Adipocytes. <i>Stem Cells</i> , 2014, 32, 1578-1590.	1.4	138
1707	Targeting tumour-supportive cellular machineries in anticancer drug development. <i>Nature Reviews Drug Discovery</i> , 2014, 13, 179-196.	21.5	202
1708	A positive feedback between p53 and miR-34 miRNAs mediates tumor suppression. <i>Genes and Development</i> , 2014, 28, 438-450.	2.7	254
1709	Inhibition of microRNA-24 expression in liver prevents hepatic lipid accumulation and hyperlipidemia. <i>Hepatology</i> , 2014, 60, 554-564.	3.6	130
1710	A systematic review of neurodevelopmental effects of prenatal and postnatal organophosphate pesticide exposure. <i>Toxicology Letters</i> , 2014, 230, 104-121.	0.4	184
1711	Involvement of miR-605 and miR-34a in the DNA Damage Response Promotes Apoptosis Induction. <i>Biophysical Journal</i> , 2014, 106, 1792-1800.	0.2	20
1712	Targeting cancer stem cells by curcumin and clinical applications. <i>Cancer Letters</i> , 2014, 346, 197-205.	3.2	160
1713	Epigenetics and Autoimmune Diseases. , 2014, , 381-401.		2
1714	Molecular Mechanisms in Autoimmune Type 1 Diabetes: a Critical Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2014, 47, 174-192.	2.9	84
1715	Viral microRNA genomics and target validation. <i>Current Opinion in Virology</i> , 2014, 7, 33-39.	2.6	6
1716	Recent advances in brown adipose tissue biology. <i>Science Bulletin</i> , 2014, 59, 4030-4040.	1.7	4

#	ARTICLE	IF	CITATIONS
1717	Epigenetic therapies - a new direction in clinical medicine. <i>International Journal of Clinical Practice</i> , 2014, 68, 802-811.	0.8	11
1718	Traffic into silence: endomembranes and post-transcriptional RNA silencing. <i>EMBO Journal</i> , 2014, 33, 968-980.	3.5	69
1719	miRNAs and their application in drug-induced liver injury. <i>Biomarkers in Medicine</i> , 2014, 8, 161-172.	0.6	18
1720	<scp>MicroRNA</scp>â€542â€3p inhibits tumour angiogenesis by targeting Angiotensinâ€2. <i>Journal of Pathology</i> , 2014, 232, 499-508.	2.1	90
1721	miR-1, miR-10b, miR-155, and miR-191 are novel regulators of BDNF. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 4443-4456.	2.4	146
1723	Next Generation Sequencing Analysis of miRNAs: MiR-127-3p Inhibits Glioblastoma Proliferation and Activates TGF-Î² Signaling by Targeting SKI. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 196-206.	1.0	45
1724	Micro<scp>RNA</scp> expression and regulation in the uterus during embryo implantation in rat. <i>FEBS Journal</i> , 2014, 281, 1872-1891.	2.2	42
1725	MicroRNAs as regulators of drug transporters, drug-metabolizing enzymes, and tight junctions: Implication for intestinal barrier function. , 2014, 143, 217-224.		44
1726	Mmu-miR-193 Is Involved in Embryo Implantation in Mouse Uterus by Regulating GRB7 Gene Expression. <i>Reproductive Sciences</i> , 2014, 21, 733-742.	1.1	18
1727	miRNAs: A New Method for Erythroid Differentiation of Hematopoietic Stem Cells Without the Presence of Growth Factors. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 2055-2069.	1.4	30
1728	PIWI-Interacting RNAs. <i>Methods in Molecular Biology</i> , 2014, , .	0.4	0
1729	A signal-amplification circuit between miR-218 and Wnt/Î²-catenin signal promotes human adipose tissue-derived stem cells osteogenic differentiation. <i>Bone</i> , 2014, 58, 59-66.	1.4	90
1730	Profibrotic effect of miR-33a with Akt activation in hepatic stellate cells. <i>Cellular Signalling</i> , 2014, 26, 141-148.	1.7	57
1731	The network of P-glycoprotein and microRNAs interactions. <i>International Journal of Cancer</i> , 2014, 135, 253-263.	2.3	52
1732	Defending the genome from the enemy within: mechanisms of retrotransposon suppression in the mouse germline. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 1581-1605.	2.4	99
1733	Stable RNA interference rules for silencing. <i>Nature Cell Biology</i> , 2014, 16, 10-18.	4.6	153
1734	Stromal regulation of embryonic and postnatal mammary epithelial development and differentiation. <i>Seminars in Cell and Developmental Biology</i> , 2014, 25-26, 43-51.	2.3	37
1735	Lentiviral Vector-Mediated RNA Silencing in the Central Nervous System. <i>Human Gene Therapy Methods</i> , 2014, 25, 14-32.	2.1	25

#	ARTICLE	IF	CITATIONS
1736	The tumor-suppressive microRNA-143/145 cluster inhibits cell migration and invasion by targeting GOLM1 in prostate cancer. <i>Journal of Human Genetics</i> , 2014, 59, 78-87.	1.1	112
1737	Drugs, genes and the blues: Pharmacogenetics of the antidepressant response from mouse to man. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 123, 55-76.	1.3	11
1738	Crosstalk between TGF- β /Smad3 and BMP/BMP2 signaling pathways via miR-17-92 cluster in carotid artery restenosis. <i>Molecular and Cellular Biochemistry</i> , 2014, 389, 169-176.	1.4	46
1739	Myasthenia gravis: A comprehensive review of immune dysregulation and etiological mechanisms. <i>Journal of Autoimmunity</i> , 2014, 52, 90-100.	3.0	279
1740	Inefficient SRP Interaction with a Nascent Chain Triggers a mRNA Quality Control Pathway. <i>Cell</i> , 2014, 156, 146-157.	13.5	77
1741	MicroRNAs in myocardial ischemia: identifying new targets and tools for treating heart disease. New frontiers for miR-medicine. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 1439-1452.	2.4	34
1742	Ecological Genomics. <i>Advances in Experimental Medicine and Biology</i> , 2014, , .	0.8	30
1743	miR-21 in ischemia/reperfusion injury: a double-edged sword?. <i>Physiological Genomics</i> , 2014, 46, 789-797.	1.0	90
1744	Deep sequencing analysis of microRNAs in bovine sperm. <i>Molecular Reproduction and Development</i> , 2014, 81, 1042-1052.	1.0	35
1745	Experimental Validation of Predicted Mammalian MicroRNAs of Mirtron Origin. <i>Methods in Molecular Biology</i> , 2014, 1182, 245-263.	0.4	3
1746	The integrative analysis of microRNA and mRNA expression in <i>Apis mellifera</i> following maze-based visual pattern learning. <i>Insect Science</i> , 2014, 21, 619-636.	1.5	27
1747	Macrophages: Biology and Role in the Pathology of Diseases. , 2014, , .		13
1748	MicroRNA-mediated regulation of melanoma. <i>British Journal of Dermatology</i> , 2014, 171, 234-241.	1.4	32
1749	Effects of hypoxic exercise training on microRNA expression and lipid metabolism in obese rat livers. <i>Journal of Zhejiang University: Science B</i> , 2014, 15, 820-829.	1.3	23
1750	Deep sequencing of small RNA libraries reveals dynamic expression patterns of microRNAs in multiple developmental stages of <i>Bactrocera dorsalis</i> . <i>Insect Molecular Biology</i> , 2014, 23, 656-667.	1.0	39
1751	How might a diagnostic microRNA signature be used to speed up the diagnosis of sepsis?. <i>Expert Review of Molecular Diagnostics</i> , 2014, 14, 249-251.	1.5	7
1752	Hypoxia promotes stem cell phenotypes and poor prognosis through epigenetic regulation of DICER. <i>Nature Communications</i> , 2014, 5, 5203.	5.8	195
1753	Computational Prediction of MicroRNAs from <i>Toxoplasma gondii</i> Potentially Regulating the Hosts' Gene Expression. <i>Genomics, Proteomics and Bioinformatics</i> , 2014, 12, 228-238.	3.0	38

#	ARTICLE	IF	CITATIONS
1754	MicroRNA-339-5p Down-regulates Protein Expression of β -Site Amyloid Precursor Protein-Cleaving Enzyme 1 (BACE1) in Human Primary Brain Cultures and Is Reduced in Brain Tissue Specimens of Alzheimer Disease Subjects. <i>Journal of Biological Chemistry</i> , 2014, 289, 5184-5198.	1.6	163
1755	Network Biology in Medicine and Beyond. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 536-547.	5.1	45
1756	Tolerogenic dendritic cells specific for β 2-glycoprotein-I Domain-I, attenuate experimental antiphospholipid syndrome. <i>Journal of Autoimmunity</i> , 2014, 54, 72-80.	3.0	25
1757	Proteome Modulation in H9c2 Cardiac Cells by microRNAs miR-378 and miR-378. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 18-29.	2.5	25
1758	The rapid detection of microRNA based on p19-enhanced fluorescence polarization. <i>Chemical Communications</i> , 2014, 50, 6236-6239.	2.2	36
1759	All Roads Lead to Induced Pluripotent Stem Cells: The Technologies of iPSC Generation. <i>Stem Cells and Development</i> , 2014, 23, 1285-1300.	1.1	87
1760	MicroRNAs: Key Regulators of Oncogenesis. , 2014, , .		14
1761	Insulin-like growth factor-1 prevents miR-122 production in neighbouring cells to curtail its intercellular transfer to ensure proliferation of human hepatoma cells. <i>Nucleic Acids Research</i> , 2014, 42, 7170-7185.	6.5	79
1762	Functional Divergence of the miRNA Transcriptome at the Onset of Drosophila Metamorphosis. <i>Molecular Biology and Evolution</i> , 2014, 31, 2557-2572.	3.5	16
1763	The structure, function and evolution of proteins that bind DNA and RNA. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 749-760.	16.1	286
1764	Novel microRNA-like viral small regulatory RNAs arising during human hepatitis A virus infection. <i>FASEB Journal</i> , 2014, 28, 4381-4393.	0.2	29
1765	Long noncoding RNAs in liver cancer: what we know in 2014. <i>Expert Opinion on Therapeutic Targets</i> , 2014, 18, 1207-1218.	1.5	26
1766	microRNAs as potential regulators of myeloid-derived suppressor cell expansion. <i>Innate Immunity</i> , 2014, 20, 227-238.	1.1	37
1767	Differentially expressed microRNA in multiple sclerosis: A window into pathogenesis?. <i>Clinical and Experimental Neuroimmunology</i> , 2014, 5, 149-161.	0.5	7
1768	Small RNAs in Plants. , 2014, , 95-127.		5
1769	Plasma microRNA profiles: identification of miR-25 as a novel diagnostic and monitoring biomarker in oesophageal squamous cell carcinoma. <i>British Journal of Cancer</i> , 2014, 111, 1614-1624.	2.9	87
1770	MicroRNAs and head and neck cancer: Reviewing the first decade of research. <i>European Journal of Cancer</i> , 2014, 50, 2619-2635.	1.3	67
1771	Complement and blood-brain barrier integrity. <i>Molecular Immunology</i> , 2014, 61, 149-152.	1.0	59

#	ARTICLE	IF	CITATIONS
1772	Functional Evolution of Cardiac MicroRNAs in Heart Development and Functions. <i>Molecular Biology and Evolution</i> , 2014, 31, 2722-2734.	3.5	21
1773	Epithelialâ€mesenchymal transition-associated miRNAs in ovarian carcinoma, with highlight on the miR-200 family: Prognostic value and prospective role in ovarian cancer therapeutics. <i>Cancer Letters</i> , 2014, 351, 173-181.	3.2	110
1774	Sex-specific association between X-linked Toll-like receptor 7 with the outcomes of hepatitis C virus infection. <i>Gene</i> , 2014, 548, 244-250.	1.0	22
1775	RNA binding protein HuR regulates the expression of ABCA1. <i>Journal of Lipid Research</i> , 2014, 55, 1066-1076.	2.0	33
1776	Regulation of Activation-associated MicroRNA Accumulation Rates during Monocyte-to-macrophage Differentiation. <i>Journal of Biological Chemistry</i> , 2014, 289, 28433-28447.	1.6	37
1777	The role of microRNA-15b in the impaired angiogenesis in diabetic wounds. <i>Wound Repair and Regeneration</i> , 2014, 22, 671-677.	1.5	36
1778	Tumour-suppressivemicroRNA-24-1inhibits cancer cell proliferation through targetingFOXM1in bladder cancer. <i>FEBS Letters</i> , 2014, 588, 3170-3179.	1.3	52
1779	Comprehensive Overview of the Structure and Regulation of the Glucocorticoid Receptor. <i>Endocrine Reviews</i> , 2014, 35, 671-693.	8.9	203
1780	Air toxics and epigenetic effects: ozone altered microRNAs in the sputum of human subjects. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L1129-L1137.	1.3	75
1781	The RNA expression signature of the HepG2 cell line as determined by the integrated analysis of miRNA and mRNA expression profiles. <i>Gene</i> , 2014, 548, 91-100.	1.0	17
1782	Circulating miR-378 in plasma: a reliable, haemolysis-independent biomarker for colorectal cancer. <i>British Journal of Cancer</i> , 2014, 110, 1001-1007.	2.9	118
1783	RNA Mapping. <i>Methods in Molecular Biology</i> , 2014, , .	0.4	4
1784	Role of extracellular and intracellular microRNAs in sepsis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2155-2162.	1.8	101
1785	The functional role of microRNAs in alcoholic liver injury. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 197-207.	1.6	106
1786	Diabetic nephropathyâ€emerging epigenetic mechanisms. <i>Nature Reviews Nephrology</i> , 2014, 10, 517-530.	4.1	277
1787	Autoregulation of <i>lin-4</i> microRNA transcription by RNA activation (RNAa) in <i>C. elegans</i> . <i>Cell Cycle</i> , 2014, 13, 772-781.	1.3	43
1788	Serum microRNA-155 is increased in patients with acute graft-versus-host disease. <i>Clinical Transplantation</i> , 2014, 28, 314-323.	0.8	34
1789	Role of microRNAs in the modulation of diabetic retinopathy. <i>Progress in Retinal and Eye Research</i> , 2014, 43, 92-107.	7.3	121

#	ARTICLE	IF	CITATIONS
1790	Posttranscriptional Regulation of Gene Expression by Piwi Proteins and piRNAs. <i>Molecular Cell</i> , 2014, 56, 18-27.	4.5	143
1791	miR-146a and miR-196a2 Polymorphisms in Patients with Ischemic Stroke in the Northern Chinese Han Population. <i>Neurochemical Research</i> , 2014, 39, 1709-1716.	1.6	44
1792	Expression profiling of MicroRNAs in hippocampus of rats following traumatic brain injury. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2014, 34, 548-553.	1.0	31
1793	Supplemental carnitine affects the microRNA expression profile in skeletal muscle of obese Zucker rats. <i>BMC Genomics</i> , 2014, 15, 512.	1.2	11
1794	MicroRNA-9 expression is a prognostic biomarker in patients with osteosarcoma. <i>World Journal of Surgical Oncology</i> , 2014, 12, 195.	0.8	40
1795	MicroRNA-363 negatively regulates the left ventricular determining transcription factor HAND1 in human embryonic stem cell-derived cardiomyocytes. <i>Stem Cell Research and Therapy</i> , 2014, 5, 75.	2.4	18
1796	MIR397b regulates both lignin content and seed number in Arabidopsis via modulating a laccase involved in lignin biosynthesis. <i>Plant Biotechnology Journal</i> , 2014, 12, 1132-1142.	4.1	179
1797	Identifying the role of microRNAs in spinal cord injury. <i>Neurological Sciences</i> , 2014, 35, 1663-1671.	0.9	24
1798	Translational repression of SLC26A3 by miR-494 in intestinal epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G123-G131.	1.6	19
1799	MicroRNA-132, -134, and -138: a microRNA troika rules in neuronal dendrites. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3987-4005.	2.4	91
1802	Association of microRNA-146a and its target gene IRAK1 polymorphism with enthesitis related arthritis category of juvenile idiopathic arthritis. <i>Rheumatology International</i> , 2014, 34, 1395-1400.	1.5	29
1803	Overexpression of long noncoding RNA HOTAIR predicts a poor prognosis in patients with cervical cancer. <i>Archives of Gynecology and Obstetrics</i> , 2014, 290, 717-723.	0.8	150
1804	The PI3K/AKT/mTOR pathway is activated in gastric cancer with potential prognostic and predictive significance. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014, 465, 25-33.	1.4	167
1805	Expression status of let-7a and miR-335 among breast tumors in patients with and without germ-line BRCA mutations. <i>Molecular and Cellular Biochemistry</i> , 2014, 395, 77-88.	1.4	16
1806	The Emerging Role of microRNAs and Nutrition in Modulating Health and Disease. <i>Annual Review of Nutrition</i> , 2014, 34, 305-336.	4.3	111
1807	Novel expression profiles of microRNAs suggest that specific miRNAs regulate gene expression for the sexual maturation of female <i>Schistosoma japonicum</i> after pairing. <i>Parasites and Vectors</i> , 2014, 7, 177.	1.0	60
1808	Evidence for the biogenesis of more than 1,000 novel human microRNAs. <i>Genome Biology</i> , 2014, 15, R57.	13.9	222
1809	Identification of tumour suppressive microRNA-451a in hypopharyngeal squamous cell carcinoma based on microRNA expression signature. <i>British Journal of Cancer</i> , 2014, 111, 386-394.	2.9	68

#	ARTICLE	IF	CITATIONS
1810	MicroRNA-30a suppresses breast tumor growth and metastasis by targeting metadherin. <i>Oncogene</i> , 2014, 33, 3119-3128.	2.6	146
1811	Next-generation sequencing of microRNAs uncovers expression signatures in polarized macrophages. <i>Physiological Genomics</i> , 2014, 46, 91-103.	1.0	89
1812	microRNAs and HDL life cycle. <i>Cardiovascular Research</i> , 2014, 103, 414-422.	1.8	47
1813	MicroRNA Regulation and Cardiac Calcium Signaling. <i>Circulation Research</i> , 2014, 114, 689-705.	2.0	117
1814	Molecular Insight in Gastric Cancer Induction: An Overview of Cancer Stemness Genes. <i>Cell Biochemistry and Biophysics</i> , 2014, 68, 463-473.	0.9	54
1815	MiR-29b Protects Dorsal Root Ganglia Neurons from Diabetic Rat. <i>Cell Biochemistry and Biophysics</i> , 2014, 70, 1105-1111.	0.9	30
1816	Correlations of common polymorphism of EVI-1 gene targeted by miRNA-206/133b with the pathogenesis of breast cancer. <i>Tumor Biology</i> , 2014, 35, 9255-9262.	0.8	8
1817	MicroRNA-181a promotes tumor growth and liver metastasis in colorectal cancer by targeting the tumor suppressor WIF-1. <i>Molecular Cancer</i> , 2014, 13, 86.	7.9	127
1818	Lnc RNA HOTAIR functions as a competing endogenous RNA to regulate HER2 expression by sponging miR-331-3p in gastric cancer. <i>Molecular Cancer</i> , 2014, 13, 92.	7.9	840
1819	Expression of miR-224, miR-145, and their putative target ADAM17 in hepatocellular carcinoma. <i>Acta Biochimica Et Biophysica Sinica</i> , 2014, 46, 720-722.	0.9	9
1820	MicroRNA-mRNA regulatory network study and apoptosis analysis on bone marrow endothelial cells induced by liver cirrhosis serum. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2014, 38, 451-461.	0.7	3
1821	Identification of miR-185 as a regulator of de novo cholesterol biosynthesis and low density lipoprotein uptake. <i>Journal of Lipid Research</i> , 2014, 55, 226-238.	2.0	79
1822	Association between SNPs in miRNA-machinery genes and chronic hepatitis B in the Chinese Han population. <i>Infection, Genetics and Evolution</i> , 2014, 28, 113-117.	1.0	11
1823	MicroRNA-199a mediates mucin 1 expression in mouse uterus during implantation. <i>Reproduction, Fertility and Development</i> , 2014, 26, 653.	0.1	17
1824	Regulatory mutations in the <i>2M</i> gene are involved in the mastitis susceptibility in dairy cows. <i>Animal Genetics</i> , 2014, 45, 28-37.	0.6	33
1825	Circulating microRNA expression profiles in ovarian cancer. <i>Journal of Obstetrics and Gynaecology</i> , 2014, 34, 620-624.	0.4	32
1826	MiR-618 inhibits anaplastic thyroid cancer by repressing XIAP in one ATC cell line. <i>Annales D'Endocrinologie</i> , 2014, 75, 187-193.	0.6	29
1827	MicroRNA-205 Targets Tight Junction-related Proteins during Urothelial Cellular Differentiation. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2321-2336.	2.5	10

#	ARTICLE	IF	CITATIONS
1828	miR-17-92 Cluster Promotes Cholangiocarcinoma Growth. <i>American Journal of Pathology</i> , 2014, 184, 2828-2839.	1.9	65
1829	The impact of microRNAs on the regulation of tissue factor biology. <i>Trends in Cardiovascular Medicine</i> , 2014, 24, 128-132.	2.3	21
1830	Low expression of long noncoding XLOC_010588 indicates a poor prognosis and promotes proliferation through upregulation of c-Myc in cervical cancer. <i>Gynecologic Oncology</i> , 2014, 133, 616-623.	0.6	55
1831	Silencing of neurotropic flavivirus replication in the central nervous system by combining multiple microRNA target insertions in two distinct viral genome regions. <i>Virology</i> , 2014, 456-457, 247-258.	1.1	21
1832	miR-17 is involved in the regulation of LC-PUFA biosynthesis in vertebrates: Effects on liver expression of a fatty acyl desaturase in the marine teleost <i>Siganus canaliculatus</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 934-943.	1.2	33
1833	Acute DSS colitis alters EphB6 receptor expression in neurons of the spinal dorsal horn. <i>Neuroscience Letters</i> , 2014, 559, 105-110.	1.0	4
1834	Anhedonia was associated with the dysregulation of hippocampal HTR4 and microRNA Let-7a in rats. <i>Physiology and Behavior</i> , 2014, 129, 135-141.	1.0	43
1835	Virus-encoded miR-155 ortholog is an important potential regulator but not essential for the development of lymphomas induced by very virulent Marek's disease virus. <i>Virology</i> , 2014, 448, 55-64.	1.1	36
1836	Type 1 Diabetes-associated TLR Responsiveness of Oral Epithelial Cells. <i>Journal of Dental Research</i> , 2014, 93, 169-174.	2.5	7
1837	Identification of miR-133b and RB1CC1 as Independent Predictors for Biochemical Recurrence and Potential Therapeutic Targets for Prostate Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 2312-2325.	3.2	57
1838	MicroRNA Target Identification: Lessons from HypoxamiRs. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1249-1268.	2.5	12
1839	Curcumin up-regulates phosphatase and tensin homologue deleted on chromosome 10 through microRNA-mediated control of DNA methylation: A novel mechanism suppressing liver fibrosis. <i>FEBS Journal</i> , 2014, 281, 88-103.	2.2	94
1840	MicroRNA-30a regulates zebrafish myogenesis via targeting the transcription factor Six1. <i>Journal of Cell Science</i> , 2014, 127, 2291-301.	1.2	28
1841	miRNA-Mediated Posttranscriptional Regulation of Gene Expression in ABR17-Transgenic <i>Arabidopsis thaliana</i> Under Salt Stress. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 1203-1218.	1.0	7
1842	Downregulation of miR-221/222 enhances sensitivity of breast cancer cells to tamoxifen through upregulation of TIMP3. <i>Cancer Gene Therapy</i> , 2014, 21, 290-296.	2.2	105
1843	Unlocking epigenetic codes in neurogenesis. <i>Genes and Development</i> , 2014, 28, 1253-1271.	2.7	79
1844	The role of microRNAs in Hepatitis C Virus replication and related liver diseases. <i>Journal of Microbiology</i> , 2014, 52, 445-451.	1.3	38
1845	Planning your every move: The role of β -actin and its post-transcriptional regulation in cell motility. <i>Seminars in Cell and Developmental Biology</i> , 2014, 34, 33-43.	2.3	22

#	ARTICLE	IF	CITATIONS
1846	Polymorphism in microRNA-196a2 contributes to the risk of cardiovascular disease in type 2 diabetes patients. <i>Journal of Diabetes and Its Complications</i> , 2014, 28, 617-620.	1.2	31
1847	Next generation sequencing reveals microRNA isoforms in liver cirrhosis and hepatocellular carcinoma. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 53, 208-217.	1.2	85
1848	MicroRNA-296-5p (miR-296-5p) functions as a tumor suppressor in prostate cancer by directly targeting Pin1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2055-2066.	1.9	88
1849	Functional interactions among microRNAs and long noncoding RNAs. <i>Seminars in Cell and Developmental Biology</i> , 2014, 34, 9-14.	2.3	561
1850	Essential functions of microRNAs in animal reproductive organs. <i>Molecular Biology</i> , 2014, 48, 319-331.	0.4	10
1851	microRNAs: A connection between cholesterol metabolism and neurodegeneration. <i>Neurobiology of Disease</i> , 2014, 72, 48-53.	2.1	39
1852	E2F1-regulated DROSHA promotes miR-630 biosynthesis in cisplatin-exposed cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 470-475.	1.0	14
1853	Identification of urinary miRNA biomarkers for detecting cisplatin-induced proximal tubular injury in rats. <i>Toxicology</i> , 2014, 324, 158-168.	2.0	75
1854	MiR-124 protects human hepatic LO2 cells from H2O2-induced apoptosis by targeting Rab38 gene. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 148-153.	1.0	18
1855	Hyb: A bioinformatics pipeline for the analysis of CLASH (crosslinking, ligation and sequencing of) Tj ETQq1 1 0.784314 rgBT /Overlock 77	1.9	77
1856	Polyamines are oncometabolites that regulate the LIN28/letâ€7 pathway in colorectal cancer cells. <i>Molecular Carcinogenesis</i> , 2014, 53, E96-106.	1.3	36
1857	Translation factors and ribosomal proteins control tumor onset and progression: how?. <i>Oncogene</i> , 2014, 33, 2145-2156.	2.6	72
1858	Regulation of miRNA Processing and miRNA Mediated Gene Repression in Cancer. <i>MicroRNA (Shariqah)</i> , Tj ETQq0 0,0 rgBT /Overlock 10	0.6	43
1859	Identification of host miRNAs that may limit human rhinovirus replication. <i>World Journal of Biological Chemistry</i> , 2014, 5, 437.	1.7	45
1860	Non-coding RNA interact to regulate neuronal development and function. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 47.	1.8	97
1861	The anti-miR21 antagomir, a therapeutic tool for colorectal cancer, has a potential synergistic effect by perturbing an angiogenesis-associated miR30. <i>Frontiers in Genetics</i> , 2014, 4, 301.	1.1	27
1862	A polymorphism site in the pre-miR-34a coding region reduces miR-34a expression and promotes osteosarcoma cell proliferation and migration. <i>Molecular Medicine Reports</i> , 2014, 10, 2912-2916.	1.1	26
1863	Downregulation of miR-183 inhibits apoptosis and enhances the invasive potential of endometrial stromal cells in endometriosis. <i>International Journal of Molecular Medicine</i> , 2014, 33, 59-67.	1.8	71

#	ARTICLE	IF	CITATIONS
1864	MicroRNA-148a is silenced by hypermethylation and interacts with DNA methyltransferase 1 in hepatocellular carcinogenesis. <i>International Journal of Oncology</i> , 2014, 44, 1915-1922.	1.4	74
1865	Differentially expressed microRNAs in TGF β 2-induced epithelial-mesenchymal transition in retinal pigment epithelium cells. <i>International Journal of Molecular Medicine</i> , 2014, 33, 1195-1200.	1.8	35
1866	Serum miR-499 as a novel diagnostic and prognostic biomarker in non-small cell lung cancer. <i>Oncology Reports</i> , 2014, 31, 1961-1967.	1.2	39
1867	A tour through the transcriptional landscape of platelets. <i>Blood</i> , 2014, 124, 493-502.	0.6	103
1868	Expression of microRNA-21 in non-small cell lung cancer tissue increases with disease progression and is likely caused by growth conditional changes during malignant transformation. <i>International Journal of Oncology</i> , 2014, 44, 1325-1334.	1.4	9
1869	A single nucleotide polymorphism of miR-146a and psoriasis: an association and functional study. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 2225-2234.	1.6	61
1870	microRNA-504 inhibits cancer cell proliferation via targeting CDK6 in hypopharyngeal squamous cell carcinoma. <i>International Journal of Oncology</i> , 2014, 44, 2085-2092.	1.4	46
1871	Tumor-suppressive microRNA-29s inhibit cancer cell migration and invasion via targeting LAMC1 in prostate cancer. <i>International Journal of Oncology</i> , 2014, 45, 401-410.	1.4	93
1872	Regulation of a TrkB Alternative Transcript by microRNAs. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2014, 4, 364-374.	0.6	4
1873	MicroRNAs and cardiovascular medicine. <i>SAGE Open Medicine</i> , 2014, 2, 205031211452495.	0.7	2
1874	Adsorptive Transfer Stripping for Quick Electrochemical Determination of microRNAs in Total RNA Samples. <i>Electroanalysis</i> , 2014, 26, 2558-2562.	1.5	11
1875	MicroRNA-127-3p promotes glioblastoma cell migration and invasion by targeting the tumor-suppressor gene SEPT7. <i>Oncology Reports</i> , 2014, 31, 2261-2269.	1.2	36
1876	A microRNA-27a mimic sensitizes human oral squamous cell carcinoma HSC-4 cells to hyperthermia through downregulation of Hsp110 and Hsp90. <i>International Journal of Molecular Medicine</i> , 2014, 34, 334-340.	1.8	24
1877	Circulating miR-199a-3p as a novel serum biomarker for colorectal cancer. <i>Oncology Reports</i> , 2014, 32, 2354-2358.	1.2	46
1878	microRNA-99a inhibits cell proliferation, colony formation ability, migration and invasion by targeting fibroblast growth factor receptor 3 in prostate cancer. <i>Molecular Medicine Reports</i> , 2015, 11, 1469-1475.	1.1	15
1879	miR-27b inhibits LDLR and ABCA1 expression but does not influence plasma and hepatic lipid levels in mice. <i>Atherosclerosis</i> , 2015, 243, 499-509.	0.4	53
1880	Circulating miR-483-3p and miR-21 is highly expressed in plasma of pancreatic cancer. <i>International Journal of Oncology</i> , 2015, 46, 539-547.	1.4	161
1881	MicroRNA-181c targets Bcl-2 and regulates mitochondrial morphology in myocardial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 2084-2097.	1.6	48

#	ARTICLE	IF	CITATIONS
1882	Cantharidin modulates the E2F1/MCM7-miR-106b-93/p21-PTEN signaling axis in MCF-7 breast cancer cells. <i>Oncology Letters</i> , 2015, 10, 2849-2855.	0.8	11
1884	Salvianolic acid Bâ€induced micro<scp>RNA</scp>â€152 inhibits liver fibrosis by attenuating <scp>DNMT</scp>1â€mediated Patched1 methylation. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 2617-2632.	1.6	83
1885	miR-378a-3p modulates tamoxifen sensitivity in breast cancer MCF-7 cells through targeting GOLT1A. <i>Scientific Reports</i> , 2015, 5, 13170.	1.6	82
1886	Hypoxia-induced microRNA-155 promotes fibrosis in proximal tubule cells. <i>Molecular Medicine Reports</i> , 2015, 11, 4555-4560.	1.1	30
1887	Role of <i>miR-140</i> in embryonic bone development and cancer. <i>Clinical Science</i> , 2015, 129, 863-873.	1.8	24
1888	The role of RNA metabolism in neurological diseases. <i>Balkan Journal of Medical Genetics</i> , 2015, 18, 5-14.	0.5	13
1889	T-cells require post-transcriptional regulation for accurate immune responses. <i>Biochemical Society Transactions</i> , 2015, 43, 1201-1207.	1.6	21
1890	MicroRNA-17-92 controls T-cell responses in graft-versus-host disease and leukemia relapse in mice. <i>Blood</i> , 2015, 126, 1314-1323.	0.6	58
1891	MicroRNA-574-3p, identified by microRNA library-based functional screening, modulates tamoxifen response in breast cancer. <i>Scientific Reports</i> , 2015, 5, 7641.	1.6	52
1892	Overshoot during phenotypic switching of cancer cell populations. <i>Scientific Reports</i> , 2015, 5, 15464.	1.6	31
1893	Genome-wide whole blood microRNAome and transcriptome analyses reveal miRNA-mRNA regulated host response to foodborne pathogen <i>Salmonella</i> infection in swine. <i>Scientific Reports</i> , 2015, 5, 12620.	1.6	33
1894	Integrated analysis of microRNA and mRNA expression profiles in abdominal adipose tissues in chickens. <i>Scientific Reports</i> , 2015, 5, 16132.	1.6	60
1895	Fluctuation effects in gene regulation by microRNAs and correlations between gene and pseudogene mRNAs in the control of cancer. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P07019.	0.9	9
1896	Downregulation of microRNA-33a promotes cyclin-dependent kinase 6, cyclin D1 and PIM1 expression and gastric cancer cell proliferation. <i>Molecular Medicine Reports</i> , 2015, 12, 6491-6500.	1.1	28
1897	Computational Prediction of miRNA Genes from Small RNA Sequencing Data. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 7.	2.0	37
1898	Inhibition of microRNA-9-3p reduces lipid accumulation in HepG2 cells by targeting the expression of sirtuin type 1. <i>Molecular Medicine Reports</i> , 2015, 12, 7742-7748.	1.1	5
1899	18 Regulatorische RNAs RNA (RibonucleinsÃure) regulatorische. , 2015, , .		0
1900	miRegulome: a knowledge-base of miRNA regulomics and analysis. <i>Scientific Reports</i> , 2015, 5, 12832.	1.6	12

#	ARTICLE	IF	CITATIONS
1901	Honey bee microRNAs respond to infection by the microsporidian parasite <i>Nosema ceranae</i> . <i>Scientific Reports</i> , 2015, 5, 17494.	1.6	18
1902	Heterogeneous nuclear ribonucleoprotein A1 post-transcriptionally regulates Drp1 expression in neuroblastoma cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 1423-1431.	0.9	31
1903	Integrated ordination of miRNA and mRNA expression profiles. <i>BMC Genomics</i> , 2015, 16, 767.	1.2	38
1904	OCDB: a database collecting genes, miRNAs and drugs for obsessive-compulsive disorder. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, bav069.	1.4	18
1905	MicroRNA-409 suppresses colorectal cancer invasion and metastasis partly by targeting GAB1 expression. <i>International Journal of Cancer</i> , 2015, 137, 2310-2322.	2.3	65
1906	The Pleiotropic Effects of miRNAs on Tumor Angiogenesis. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1807-1815.	1.2	7
1907	Potential Role of Circulating MiR-21 in the Diagnosis and Prognosis of Digestive System Cancer. <i>Medicine (United States)</i> , 2015, 94, e2123.	0.4	26
1908	Identification of precursor microRNAs within distal axons of sensory neuron. <i>Journal of Neurochemistry</i> , 2015, 134, 193-199.	2.1	46
1909	Secondary siRNAs from <i>Medicago sativa</i> modulated via miRNA-target interactions and their abundances. <i>Plant Journal</i> , 2015, 83, 451-465.	2.8	67
1910	Guanosine in a Single Stranded Region of Anticodon Stem-Loop tRNA Models is Prone to Oxidatively Generated Damage Resulting in Dehydroguanosidohydantoin and Spiroiminodihydantoin Lesions. <i>Chemistry - A European Journal</i> , 2015, 21, 6381-6385.	1.7	8
1911	Role of the microRNA, miR-206, and its target PIK3C2Î± in endothelial progenitor cell function—A potential link with coronary artery disease. <i>FEBS Journal</i> , 2015, 282, 3758-3772.	2.2	35
1912	MicroRNA Signature and Cardiovascular Dysfunction. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 65, 419-429.	0.8	31
1913	Recombinant messenger RNA technology and its application in cancer immunotherapy, transcript replacement therapies, pluripotent stem cell induction, and beyond. <i>Wiley Interdisciplinary Reviews RNA</i> , 2015, 6, 471-499.	3.2	65
1914	The Role of MicroRNA, miR-24, and Its Target CHI3L1 in Osteomyelitis Caused by <i>Staphylococcus aureus</i> . <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2804-2813.	1.2	46
1915	miRNAs dysregulated in association with Gleason grade regulate extracellular matrix, cytoskeleton and androgen receptor pathways. <i>Journal of Pathology</i> , 2015, 237, 226-237.	2.1	29
1916	MicroRNA-205 inhibits cancer cell migration and invasion via modulation of centromere protein F regulating pathways in prostate cancer. <i>International Journal of Urology</i> , 2015, 22, 867-877.	0.5	29
1917	Systematic profiling of mRNA and miRNA expression in the pancreatic islets of spontaneously diabetic Goto-Kakizaki rats. <i>Molecular Medicine Reports</i> , 2015, 11, 67-74.	1.1	14
1918	Intestinal Fibrosis in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1141-1150.	0.9	28

#	ARTICLE	IF	CITATIONS
1919	Role of Noncoding RNAs as Biomarker and Therapeutic Targets for Liver Fibrosis. <i>Gene Expression</i> , 2015, 16, 155-162.	0.5	43
1920	Exploratory Study on the RNA-Binding Structural Motifs by Library Screening Targeting pre-miRNA. <i>Chemistry - A European Journal</i> , 2015, 21, 16859-16867.	1.7	27
1921	Morphine Promotes Astrocyte-Preferential Differentiation of Mouse Hippocampal Progenitor Cells via PKC μ -Dependent ERK Activation and TRBP Phosphorylation. <i>Stem Cells</i> , 2015, 33, 2762-2772.	1.4	25
1922	Cytoplasmic mRNA turnover and ageing. <i>Mechanisms of Ageing and Development</i> , 2015, 152, 32-42.	2.2	29
1923	Recent progress in melasma pathogenesis. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 648-660.	1.5	129
1924	MicroRNAs in Prostate Cancer: Small RNAs with Big Roles. <i>Journal of Clinical & Cellular Immunology</i> , 2015, 06, .	1.5	0
1925	MicroRNA-23a Participates in Estrogen Deficiency Induced Gap Junction Remodeling of Rats by Targeting <i>GJA1</i> . <i>International Journal of Biological Sciences</i> , 2015, 11, 390-403.	2.6	22
1926	miRNA Multiplayers in glioma. From bench to bedside. <i>Acta Biochimica Polonica</i> , 2015, 62, 353-365.	0.3	52
1927	Epigenetic influences on the developing brain: effects of hormones and nutrition. <i>Advances in Genomics and Genetics</i> , 0, , 215.	0.8	3
1928	Micro-ribonucleic acid 29b inhibits cell proliferation and invasion and enhances cell apoptosis and chemotherapy effects of cisplatin via targeting of DNMT3b and AKT3 in prostate cancer. <i>OncoTargets and Therapy</i> , 2015, 8, 557.	1.0	32
1929	Noncoding RNAs, Emerging Regulators of Skeletal Muscle Development and Diseases. <i>BioMed Research International</i> , 2015, 2015, 1-17.	0.9	82
1930	MicroRNA-34 Family and Its Role in Cardiovascular Disease. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2015, 25, 293-297.	0.4	26
1931	Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) Inhibits RNA-Mediated Gene Silencing by Targeting Ago-2. <i>Viruses</i> , 2015, 7, 5539-5552.	1.5	8
1932	Comparative Aspects of Molecular Mechanisms of Drug Resistance through ABC Transporters and Other Related Molecules in Canine Lymphoma. <i>Veterinary Sciences</i> , 2015, 2, 185-205.	0.6	9
1933	Conformational Dynamics of Ago-Mediated Silencing Processes. <i>International Journal of Molecular Sciences</i> , 2015, 16, 14769-14785.	1.8	13
1934	MicroRNAs Regulate Mitochondrial Function in Cerebral Ischemia-Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24895-24917.	1.8	64
1935	gga-miR-101-3p Plays a Key Role in <i>Mycoplasma gallisepticum</i> (HS Strain) Infection of Chicken. <i>International Journal of Molecular Sciences</i> , 2015, 16, 28669-28682.	1.8	22
1936	MicroRNA Processing and Human Cancer. <i>Journal of Clinical Medicine</i> , 2015, 4, 1651-1667.	1.0	150

#	ARTICLE	IF	CITATIONS
1937	Circulating microRNA Biomarkers as Liquid Biopsy for Cancer Patients: Pros and Cons of Current Assays. <i>Journal of Clinical Medicine</i> , 2015, 4, 1890-1907.	1.0	107
1938	miRNA Stability in Frozen Plasma Samples. <i>Molecules</i> , 2015, 20, 19030-19040.	1.7	85
1939	Genetic variants in microRNA genes: impact on microRNA expression, function, and disease. <i>Frontiers in Genetics</i> , 2015, 6, 186.	1.1	106
1940	Post-transcriptional regulation of BRCA1 through its coding sequence by the miR-15/107 group of miRNAs. <i>Frontiers in Genetics</i> , 2015, 6, 242.	1.1	26
1941	Epigenetic marks: regulators of livestock phenotypes and conceivable sources of missing variation in livestock improvement programs. <i>Frontiers in Genetics</i> , 2015, 6, 302.	1.1	125
1942	What makes a RAG regeneration associated?. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 43.	1.4	78
1943	Down-regulation of <i>c-Met</i> and <i>Bcl2</i> by microRNA-206, activates apoptosis, and inhibits tumor cell proliferation, migration and colony formation. <i>Oncotarget</i> , 2015, 6, 25533-25574.	0.8	114
1944	MicroRNA-219-5p functions as a tumor suppressor partially by targeting platelet-derived growth factor receptor alpha in colorectal cancer. <i>Neoplasia</i> , 2015, 62, 855-863.	0.7	14
1945	Detrusor Induction of miR-132/212 following Bladder Outlet Obstruction: Association with MeCP2 Repression and Cell Viability. <i>PLoS ONE</i> , 2015, 10, e0116784.	1.1	20
1946	MicroRNA-499 Expression Distinctively Correlates to Target Genes <i>sox6</i> and <i>rod1</i> Profiles to Resolve the Skeletal Muscle Phenotype in Nile Tilapia. <i>PLoS ONE</i> , 2015, 10, e0119804.	1.1	36
1947	Cleavage of Dicer Protein by I7 Protease during Vaccinia Virus Infection. <i>PLoS ONE</i> , 2015, 10, e0120390.	1.1	13
1948	Plasma MicroRNA Levels Differ between Endurance and Strength Athletes. <i>PLoS ONE</i> , 2015, 10, e0122107.	1.1	69
1949	Identification and Characterization of Cyprinid Herpesvirus-3 (CyHV-3) Encoded MicroRNAs. <i>PLoS ONE</i> , 2015, 10, e0125434.	1.1	22
1950	MicroRNA Profiling of CSF Reveals Potential Biomarkers to Detect Alzheimer's Disease. <i>PLoS ONE</i> , 2015, 10, e0126423.	1.1	184
1951	MicroRNAs Regulate Cellular ATP Levels by Targeting Mitochondrial Energy Metabolism Genes during C2C12 Myoblast Differentiation. <i>PLoS ONE</i> , 2015, 10, e0127850.	1.1	44
1952	The Generation of Insulin Producing Cells from Human Mesenchymal Stem Cells by MiR-375 and Anti-MiR-9. <i>PLoS ONE</i> , 2015, 10, e0128650.	1.1	51
1953	Cellular MicroRNA Let-7a Suppresses KSHV Replication through Targeting MAP4K4 Signaling Pathways. <i>PLoS ONE</i> , 2015, 10, e0132148.	1.1	19
1954	Two Virus-Induced MicroRNAs Known Only from Teleost Fishes Are Orthologues of MicroRNAs Involved in Cell Cycle Control in Humans. <i>PLoS ONE</i> , 2015, 10, e0132434.	1.1	44

#	ARTICLE	IF	CITATIONS
1955	Expression and Misexpression of the miR-183 Family in the Developing Hearing Organ of the Chicken. PLoS ONE, 2015, 10, e0132796.	1.1	9
1956	HuR and Ago2 Bind the Internal Ribosome Entry Site of Enterovirus 71 and Promote Virus Translation and Replication. PLoS ONE, 2015, 10, e0140291.	1.1	36
1957	Differential microRNA Expression in Fast- and Slow-Twitch Skeletal Muscle of <i>Piaractus mesopotamicus</i> during Growth. PLoS ONE, 2015, 10, e0141967.	1.1	28
1958	Schizophrenia-Associated MIR204 Regulates Noncoding RNAs and Affects Neurotransmitter and Ion Channel Gene Sets. PLoS ONE, 2015, 10, e0144428.	1.1	12
1959	Identification of a MicroRNA Signature for the Diagnosis of Fibromyalgia. PLoS ONE, 2015, 10, e0121903.	1.1	43
1960	RNA-Binding Proteins in the Regulation of miRNA Activity: A Focus on Neuronal Functions. Biomolecules, 2015, 5, 2363-2387.	1.8	32
1961	MicroRNAs and High-Density Lipoprotein Cholesterol Metabolism. International Heart Journal, 2015, 56, 365-371.	0.5	18
1962	Herb-Partitioned Moxibustion and the miRNAs Related to Crohn's Disease: A Study Based on Rat Models. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-13.	0.5	25
1963	PVT1: A Rising Star among Oncogenic Long Noncoding RNAs. BioMed Research International, 2015, 2015, 1-10.	0.9	191
1964	Skewed Epigenetics: An Alternative Therapeutic Option for Diabetes Complications. Journal of Diabetes Research, 2015, 2015, 1-7.	1.0	10
1965	MiR-183 Regulates ITCB1P Expression and Promotes Invasion of Endometrial Stromal Cells. BioMed Research International, 2015, 2015, 1-10.	0.9	29
1966	Altered Viral Replication and Cell Responses by Inserting MicroRNA Recognition Element into PB1 in Pandemic Influenza A Virus (H1N1) 2009. Mediators of Inflammation, 2015, 2015, 1-12.	1.4	19
1967	miRNA in Pathophysiology of Peripartum Cardiomyopathy (PPCM): A Systemic Review. Journal of Clinical & Experimental Cardiology, 2015, 06, .	0.0	0
1968	Genomic instability and carcinogenesis. , 0, , 93-112.		0
1969	Resveratrol and pterostilbene epigenetically restore PTEN expression by targeting oncomiRs of the miR-17 family in prostate cancer. Oncotarget, 2015, 6, 27214-27226.	0.8	128
1970	Recent Progress in the Identification of Non-Invasive Biomarkers to Support the Diagnosis of Alzheimer's Disease in Clinical Practice and to Assist Human Clinical Trials. , 0, , .		2
1971	miR-497 and miR-34a retard lung cancer growth by co-inhibiting cyclin E1 (CCNE1). Oncotarget, 2015, 6, 13149-13163.	0.8	71
1972	MicroRNAs of the miR379-410 cluster: New players in embryonic neurogenesis and regulators of neuronal function. Neurogenesis (Austin, Tex), 2015, 2, e1004970.	1.5	44

#	ARTICLE	IF	CITATIONS
1973	Biotechnology of Isoprenoids. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2015, , .	0.6	30
1974	MicroRNA-142-3p inhibits cell proliferation and invasion of cervical cancer cells by targeting FZD7. <i>Tumor Biology</i> , 2015, 36, 8065-8073.	0.8	85
1975	Circadian control of innate immunity in macrophages by miR-155 targeting <i>Bmal1</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7231-7236.	3.3	244
1976	MicroRNA biogenesis pathways in cancer. <i>Nature Reviews Cancer</i> , 2015, 15, 321-333.	12.8	1,738
1977	Down-regulation of miR-23b induces phenotypic switching of vascular smooth muscle cells <i>in vitro</i> and <i>in vivo</i> . <i>Cardiovascular Research</i> , 2015, 107, 522-533.	1.8	98
1978	Processing Body Formation Limits Proinflammatory Cytokine Synthesis in Endotoxin-Tolerant Monocytes and Murine Septic Macrophages. <i>Journal of Innate Immunity</i> , 2015, 7, 572-583.	1.8	10
1979	MiRNA mimic screen for improved expression of functional neurotensin receptor from HEK 293 cells. <i>Biotechnology and Bioengineering</i> , 2015, 112, 1632-1643.	1.7	19
1980	Epigenetics in lung cancer diagnosis and therapy. <i>Cancer and Metastasis Reviews</i> , 2015, 34, 229-241.	2.7	139
1981	miR21 is Associated with the Cognitive Improvement Following Voluntary Running Wheel Exercise in TBI Mice. <i>Journal of Molecular Neuroscience</i> , 2015, 57, 114-122.	1.1	37
1982	Regulation of Skeletal Muscle Development and Disease by microRNAs. <i>Results and Problems in Cell Differentiation</i> , 2015, 56, 165-190.	0.2	15
1983	Stromal expression of miR-21 in T3-4a colorectal cancer is an independent predictor of early tumor relapse. <i>BMC Gastroenterology</i> , 2015, 15, 2.	0.8	36
1984	miR-126 modulates angiogenic growth parameters of peripheral blood endothelial progenitor cells. <i>Biological Chemistry</i> , 2015, 396, 245-252.	1.2	22
1985	Mechanisms and therapeutic potential of microRNAs in hypertension. <i>Drug Discovery Today</i> , 2015, 20, 1188-1204.	3.2	49
1986	Circulating MicroRNAs as Biomarkers in Hepatocellular Carcinoma Screening. <i>Medicine (United Tj ETQq1 1 0.784314 rgBT /Overlock</i>	0.4	36
1987	Downregulation of <i>Gabra4</i> expression during alcohol withdrawal is mediated by specific microRNAs in cultured mouse cortical neurons. <i>Brain and Behavior</i> , 2015, 5, e00355.	1.0	17
1988	Shifts in temperature within the physiologic range modify strand-specific expression of select human microRNAs. <i>Rna</i> , 2015, 21, 1261-1273.	1.6	13
1989	A Fleeting Glimpse Inside microRNA, Epigenetics, and Micropeptidomics. <i>Advances in Experimental Medicine and Biology</i> , 2015, 887, 1-14.	0.8	6
1990	The microRNA Machinery. <i>Advances in Experimental Medicine and Biology</i> , 2015, 887, 15-30.	0.8	32

#	ARTICLE	IF	CITATIONS
1991	Roles of LIM kinases in central nervous system function and dysfunction. <i>FEBS Letters</i> , 2015, 589, 3795-3806.	1.3	38
1992	PACCMIT/PACCMIT-CDS: identifying microRNA targets in 3' UTRs and coding sequences. <i>Nucleic Acids Research</i> , 2015, 43, W474-W479.	6.5	20
1993	On the availability of microRNA-induced silencing complexes, saturation of microRNA-binding sites and stoichiometry. <i>Nucleic Acids Research</i> , 2015, 43, 7556-7565.	6.5	32
1994	Establishing biodegradable single-layer MnO ₂ nanosheets as a platform for live cell microRNA sensing. <i>RSC Advances</i> , 2015, 5, 104245-104249.	1.7	15
1995	Systems Analysis of Immunity to Influenza Vaccination across Multiple Years and in Diverse Populations Reveals Shared Molecular Signatures. <i>Immunity</i> , 2015, 43, 1186-1198.	6.6	286
1996	The Emerging Role of Epigenetics in the Regulation of Female Puberty. <i>Endocrine Development</i> , 2016, 29, 1-16.	1.3	52
1998	Introduction to microRNAs: Biogenesis, Action, Relevance of Tissue microRNAs in Disease Pathogenesis, Diagnosis and Therapy—The Concept of Circulating microRNAs. <i>Exs</i> , 2015, 106, 3-30.	1.4	7
1999	MiR-21 modulates human airway smooth muscle cell proliferation and migration in asthma through regulation of PTEN expression. <i>Experimental Lung Research</i> , 2015, 41, 535-545.	0.5	49
2000	Induced folding in RNA recognition by <i>Arabidopsis thaliana</i> DCL1. <i>Nucleic Acids Research</i> , 2015, 43, 6607-6619.	6.5	16
2001	Tumor-suppressive microRNA-206 as a dual inhibitor of MET and EGFR oncogenic signaling in lung squamous cell carcinoma. <i>International Journal of Oncology</i> , 2015, 46, 1039-1050.	1.4	40
2002	MicroRNA-26a/b directly regulate La-related protein 1 and inhibit cancer cell invasion in prostate cancer. <i>International Journal of Oncology</i> , 2015, 47, 710-718.	1.4	62
2003	MicroRNA-205 inhibits the proliferation and invasion of breast cancer by regulating AMOT expression. <i>Oncology Reports</i> , 2015, 34, 2163-2170.	1.2	39
2004	MicroRNA signatures from multidrug-resistant <i>Mycobacterium tuberculosis</i> . <i>Molecular Medicine Reports</i> , 2015, 12, 6561-6567.	1.1	22
2005	The tumor-suppressive microRNA-1/133a cluster targets PDE7A and inhibits cancer cell migration and invasion in endometrial cancer. <i>International Journal of Oncology</i> , 2015, 47, 325-334.	1.4	24
2006	Function and clinical potential of microRNAs in hepatocellular carcinoma. <i>Oncology Letters</i> , 2015, 10, 3345-3353.	0.8	24
2007	Valproic acid mediates miR-124 to down-regulate a novel protein target, GNAI1. <i>Neurochemistry International</i> , 2015, 91, 62-71.	1.9	7
2008	Upregulated sirtuin 1 by miRNA-34a is required for smooth muscle cell differentiation from pluripotent stem cells. <i>Cell Death and Differentiation</i> , 2015, 22, 1170-1180.	5.0	59
2009	The significance of the individual Meq-clustered miRNAs of Marek's disease virus in oncogenesis. <i>Journal of General Virology</i> , 2015, 96, 637-649.	1.3	21

#	ARTICLE	IF	CITATIONS
2010	MicroRNA-421 is a new potential diagnosis biomarker with higher sensitivity and specificity than carcinoembryonic antigen and cancer antigen 125 in gastric cancer. <i>Biomarkers</i> , 2015, 20, 58-63.	0.9	50
2011	Nutrient Use Efficiency: from Basics to Advances. , 2015, , .		30
2012	miR-214 as a Key Hub that Controls Cancer Networks: Small Player, Multiple Functions. <i>Journal of Investigative Dermatology</i> , 2015, 135, 960-969.	0.3	159
2013	Identifying microRNAs involved in cancer pathway using support vector machines. <i>Computational Biology and Chemistry</i> , 2015, 55, 31-36.	1.1	5
2014	Epigenetics in Social Insects. <i>Advances in Insect Physiology</i> , 2015, 48, 227-269.	1.1	15
2017	Duplicate Gene Divergence by Changes in MicroRNA Binding Sites in Arabidopsis and Brassica. <i>Genome Biology and Evolution</i> , 2015, 7, 646-655.	1.1	33
2018	Functional significance of aberrantly expressed microRNAs in prostate cancer. <i>International Journal of Urology</i> , 2015, 22, 242-252.	0.5	89
2019	Sleep Deprivation and Gene Expression. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 25, 65-90.	0.8	32
2020	Increased chronic lymphocytic leukemia proliferation upon IgM stimulation is sustained by the upregulation of miR-132 and miR-212. <i>Genes Chromosomes and Cancer</i> , 2015, 54, 222-234.	1.5	26
2021	MicroRNA-mediated non-cell-autonomous regulation of cortical radial glial transformation revealed by a Dicer1 knockout mouse model. <i>Glia</i> , 2015, 63, 860-876.	2.5	20
2022	MicroRNA expression signature of oral squamous cell carcinoma: functional role of microRNA-26a/b in the modulation of novel cancer pathways. <i>British Journal of Cancer</i> , 2015, 112, 891-900.	2.9	102
2023	Overexpression of microRNA-16 declines cellular growth, proliferation and induces apoptosis in human breast cancer cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 604-611.	0.7	43
2024	MicroRNAs in Schizophrenia: Implications for Synaptic Plasticity and Dopamine-Glutamate Interaction at the Postsynaptic Density. <i>New Avenues for Antipsychotic Treatment Under a Theranostic Perspective</i> . <i>Molecular Neurobiology</i> , 2015, 52, 1771-1790.	1.9	15
2025	The use of circulating microRNAs as diagnostic biomarkers in colorectal cancer. <i>Cancer Biomarkers</i> , 2015, 15, 103-113.	0.8	60
2026	miR-145 suppresses embryo-epithelial juxtacrine communication at implantation by modulating maternal IGF1R. <i>Journal of Cell Science</i> , 2015, 128, 804-14.	1.2	69
2027	Changes in circulating microRNA-126 during treatment with chemotherapy and bevacizumab predicts treatment response in patients with metastatic colorectal cancer. <i>British Journal of Cancer</i> , 2015, 112, 624-629.	2.9	100
2028	microRNAs: role in leukemia and their computational perspective. <i>Wiley Interdisciplinary Reviews RNA</i> , 2015, 6, 65-78.	3.2	12
2029	Genome-wide microRNA expression profiling in placentas of fetuses with Down syndrome. <i>Placenta</i> , 2015, 36, 322-328.	0.7	27

#	ARTICLE	IF	CITATIONS
2030	From microRNA target validation to therapy: lessons learned from studies on BDNF. Cellular and Molecular Life Sciences, 2015, 72, 1779-1794.	2.4	30
2031	MicroRNAs in Skin Diseases. , 2015, , 177-205.		2
2032	MicroRNAs in Neural Stem Cells. , 2015, , 163-182.		0
2033	Double-stranded RNA in the biological control of grain aphid (Sitobion avenae F.). Functional and Integrative Genomics, 2015, 15, 211-223.	1.4	32
2034	New Insights about miRNAs in Cystic Fibrosis. American Journal of Pathology, 2015, 185, 897-908.	1.9	37
2035	MicroRNA biogenesis and cellular proliferation. Translational Research, 2015, 166, 145-151.	2.2	18
2036	Comparison of senescence-associated miRNAs in primary skin and lung fibroblasts. Biogerontology, 2015, 16, 423-434.	2.0	14
2037	MicroRNA-22 Regulates Smooth Muscle Cell Differentiation From Stem Cells by Targeting Methyl CpGâ€“Binding Protein 2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 918-929.	1.1	66
2038	Discovery and validation of extracellular/circulating microRNAs during idiopathic pulmonary fibrosis disease progression. Gene, 2015, 562, 138-144.	1.0	97
2039	Deep sequencing and proteomic analysis of the microRNA-induced silencing complex in human red blood cells. Experimental Hematology, 2015, 43, 382-392.	0.2	31
2040	The role of microRNA-1274a in the tumorigenesis of gastric cancer: Accelerating cancer cell proliferation and migration via directly targeting FOXO4. Biochemical and Biophysical Research Communications, 2015, 459, 629-635.	1.0	30
2041	Circulating microRNA as a biomarker for recovery in pediatric dilated cardiomyopathy. Journal of Heart and Lung Transplantation, 2015, 34, 724-733.	0.3	65
2042	Insulin protects H9c2 rat cardiomyoblast cells against hydrogen peroxide-induced injury through upregulation of microRNA-210. Free Radical Research, 2015, 49, 1147-1155.	1.5	21
2043	Evolution of Gene Regulation during Transcription and Translation. Genome Biology and Evolution, 2015, 7, 1155-1167.	1.1	52
2044	The MicroRNA-132 and MicroRNA-212 Cluster Regulates Hematopoietic Stem Cell Maintenance and Survival with Age by Buffering FOXO3 Expression. Immunity, 2015, 42, 1021-1032.	6.6	84
2045	Detection and Assessment of MicroRNA Expression in Human Disease. RNA Technologies, 2015, , 333-349.	0.2	0
2046	An update on the role of miRNA-155 in pathogenic microbial infections. Microbes and Infection, 2015, 17, 613-621.	1.0	36
2047	Profiles of Extracellular miRNAs in the Aqueous Humor of Glaucoma Patients Assessed with a Microarray System. Scientific Reports, 2014, 4, 5089.	1.6	91

#	ARTICLE	IF	CITATIONS
2048	Regulation of Human UGT2B15 and UGT2B17 by miR-376c in Prostate Cancer Cell Lines. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 354, 417-425.	1.3	39
2049	miR-26a and miR-384-5p are required for LTP maintenance and spine enlargement. <i>Nature Communications</i> , 2015, 6, 6789.	5.8	76
2050	MIR-17-92 cluster promotes hepatocarcinogenesis. <i>Carcinogenesis</i> , 2015, 36, 1213-1222.	1.3	78
2051	PPAR β inhibits ovarian cancer cells proliferation through upregulation of miR-125b. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 85-90.	1.0	33
2052	Design of Potential RNAi (miRNA and siRNA) Molecules for Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Gene Silencing by Computational Method. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2015, 7, 257-265.	2.2	37
2053	MicroRNAs and Cancer. , 2015, , 67-90.		0
2054	PU.1-Regulated Long Noncoding RNA Inc-MC Controls Human Monocyte/Macrophage Differentiation through Interaction with MicroRNA 199a-5p. <i>Molecular and Cellular Biology</i> , 2015, 35, 3212-3224.	1.1	90
2056	Epigenetic mechanisms in nanomaterial-induced toxicity. <i>Epigenomics</i> , 2015, 7, 395-411.	1.0	57
2057	Ginsenoside-Rg1 induces angiogenesis by the inverse regulation of MET tyrosine kinase receptor expression through miR-23a. <i>Toxicology and Applied Pharmacology</i> , 2015, 287, 276-283.	1.3	24
2058	Inhibiting microRNA-144 abates oxidative stress and reduces apoptosis in hearts of streptozotocin-induced diabetic mice. <i>Cardiovascular Pathology</i> , 2015, 24, 375-381.	0.7	73
2059	Tumour-suppressive microRNA-29s directly regulate LOXL2 expression and inhibit cancer cell migration and invasion in renal cell carcinoma. <i>FEBS Letters</i> , 2015, 589, 2136-2145.	1.3	66
2060	microRNAs That Promote or Inhibit Memory Formation in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2015, 200, 569-580.	1.2	38
2061	Dual miRNA Targeting Restricts Host Range and Attenuates Neurovirulence of Flaviviruses. <i>PLoS Pathogens</i> , 2015, 11, e1004852.	2.1	25
2062	miR-145 suppress the androgen receptor in prostate cancer cells and correlates to prostate cancer prognosis. <i>Carcinogenesis</i> , 2015, 36, 858-866.	1.3	56
2063	miR-9 promotes cell proliferation and inhibits apoptosis by targeting LASS2 in bladder cancer. <i>Tumor Biology</i> , 2015, 36, 9631-9640.	0.8	56
2064	Characterization of microRNA in bovine in vitro culture media associated with embryo quality and development. <i>Journal of Dairy Science</i> , 2015, 98, 6552-6563.	1.4	70
2065	RNA and DNA Diagnostics. <i>RNA Technologies</i> , 2015, , .	0.2	5
2066	mRNA 3' UTR shortening is a molecular signature of mTORC1 activation. <i>Nature Communications</i> , 2015, 6, 7218.	5.8	55

#	ARTICLE	IF	CITATIONS
2067	Differential expression of microRNAs in renal transplant patients with acute T-cell mediated rejection. <i>Transplant Immunology</i> , 2015, 33, 1-6.	0.6	45
2068	MicroRNA Expression Profiling of Lactating Mammary Gland in Divergent Phenotype Swine Breeds. <i>International Journal of Molecular Sciences</i> , 2015, 16, 1448-1465.	1.8	31
2069	A Prokaryotic Twist on Argonaute Function. <i>Life</i> , 2015, 5, 538-553.	1.1	28
2070	Identification and profiling of conserved and novel microRNAs in <i>Laodelphax striatellus</i> in response to rice black-streaked dwarf virus (RBSDV) infection. <i>Genomics Data</i> , 2015, 3, 63-69.	1.3	28
2071	MicroRNAs Promote Granule Cell Expansion in the Cerebellum Through Gli2. <i>Cerebellum</i> , 2015, 14, 688-698.	1.4	15
2072	Daily variations in the expression of miR-16 and miR-181a in human leukocytes. <i>Blood Cells, Molecules, and Diseases</i> , 2015, 54, 364-368.	0.6	21
2073	miRNAs in inflammatory skin diseases and their clinical implications. <i>Expert Review of Clinical Immunology</i> , 2015, 11, 467-477.	1.3	23
2074	Regulatory networks between neurotrophins and miRNAs in brain diseases and cancers. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 149-157.	2.8	51
2075	MicroRNA-184 modulates canonical Wnt signaling through the regulation of frizzled7 expression in the retina with ischemia-induced neovascularization. <i>FEBS Letters</i> , 2015, 589, 1143-1149.	1.3	59
2076	Effect of microRNA-203 on tumor growth in human hypopharyngeal squamous cell carcinoma. <i>Molecular and Cellular Biochemistry</i> , 2015, 405, 97-104.	1.4	7
2077	MicroRNA-1 (miR-1) inhibits gastric cancer cell proliferation and migration by targeting MET. <i>Tumor Biology</i> , 2015, 36, 6715-6723.	0.8	58
2078	Activation of PPAR α induces microRNA-100 and decreases the uptake of very low-density lipoprotein in endothelial cells. <i>British Journal of Pharmacology</i> , 2015, 172, 3728-3736.	2.7	18
2079	MicroRNAs in diabetic nephropathy: functions, biomarkers, and therapeutic targets. <i>Annals of the New York Academy of Sciences</i> , 2015, 1353, 72-88.	1.8	137
2080	Pre- and post-natal muscle microRNA expression profiles of two pig breeds differing in muscularity. <i>Gene</i> , 2015, 561, 190-198.	1.0	33
2081	The Effect of miR-132, miR-146a, and miR-155 on MRP8/TLR4-Induced Astrocyte-Related Inflammation. <i>Journal of Molecular Neuroscience</i> , 2015, 57, 28-37.	1.1	61
2082	The Tumor Cytosol miRNAs, Fluid miRNAs, and Exosome miRNAs in Lung Cancer. <i>Frontiers in Oncology</i> , 2014, 4, 357.	1.3	36
2083	MicroRNAs and the regulation of aldosterone signaling in the kidney. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C521-C527.	2.1	17
2084	Circulating Micro-RNAs as Diagnostic Biomarkers for Endometriosis: Privation and Promise. <i>Journal of Minimally Invasive Gynecology</i> , 2015, 22, 719-726.	0.3	19

#	ARTICLE	IF	CITATIONS
2085	Polysome arrest restricts miRNA turnover by preventing exosomal export of miRNA in growth-retarded mammalian cells. <i>Molecular Biology of the Cell</i> , 2015, 26, 1072-1083.	0.9	41
2086	Uncovering the clinical utility of miR-143, miR-145 and miR-224 for predicting the survival of bladder cancer patients following treatment. <i>Carcinogenesis</i> , 2015, 36, 528-537.	1.3	67
2087	MicroRNA Biology and Pain. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 131, 215-249.	0.9	20
2089	Time, Dose and Ataxia Telangiectasia Mutated (ATM) Status Dependency of Coding and Noncoding RNA Expression after Ionizing Radiation Exposure. <i>Radiation Research</i> , 2015, 183, 325-337.	0.7	46
2090	Hyperglycemia repression of miR-24 coordinately upregulates endothelial cell expression and secretion of von Willebrand factor. <i>Blood</i> , 2015, 125, 3377-3387.	0.6	84
2091	Chromosome 21-derived hsa-miR-155-5p regulates mitochondrial biogenesis by targeting Mitochondrial Transcription Factor A (TFAM). <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1420-1427.	1.8	25
2092	The role of miR-29b in cancer: regulation, function, and signaling. <i>OncoTargets and Therapy</i> , 2015, 8, 539.	1.0	143
2093	Computational Biology in <sc>microRNA</sc>. <i>Wiley Interdisciplinary Reviews RNA</i> , 2015, 6, 435-452.	3.2	39
2094	Differential expression of miRNAs in enterovirus 71-infected cells. <i>Virology Journal</i> , 2015, 12, 56.	1.4	34
2095	Identification of MicroRNAs and Transcript Targets in <i>Camelina sativa</i> by Deep Sequencing and Computational Methods. <i>PLoS ONE</i> , 2015, 10, e0121542.	1.1	22
2096	Expression quantitative trait loci (eQTLs) in microRNA genes are enriched for schizophrenia and bipolar disorder association signals. <i>Psychological Medicine</i> , 2015, 45, 2557-2569.	2.7	15
2097	A Decrease in miR-150 Regulates the Malignancy of Pancreatic Cancer by Targeting c-Myb and MUC4. <i>Pancreas</i> , 2015, 44, 370-379.	0.5	25
2098	Prognostic role of microRNA-205 in multiple human malignant neoplasms: a meta-analysis of 17 studies. <i>BMJ Open</i> , 2015, 5, e006244-e006244.	0.8	13
2099	Decoding mechanisms by which silent codon changes influence protein biogenesis and function. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 64, 58-74.	1.2	115
2100	The miR-30 Family Inhibits Pulmonary Vascular Hyperpermeability in the Premetastatic Phase by Direct Targeting of Skp2. <i>Clinical Cancer Research</i> , 2015, 21, 3071-3080.	3.2	35
2101	MicroRNAs as potential biomarkers for noninvasive detection of fetal trisomy 21. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 827-837.	1.2	21
2102	Serum microRNAs as Potential Biomarkers of Juvenile Idiopathic Arthritis. <i>Clinical Rheumatology</i> , 2015, 34, 1705-1712.	1.0	32
2103	microRNA-181a enhances cell proliferation in acute lymphoblastic leukemia by targeting EGR1. <i>Leukemia Research</i> , 2015, 39, 479-485.	0.4	61

#	ARTICLE	IF	CITATIONS
2104	Outside the coding genome, mammalian microRNAs confer structural and functional complexity. <i>Science Signaling</i> , 2015, 8, re2.	1.6	57
2105	A coding-independent function of an alternative Ube3a transcript during neuronal development. <i>Nature Neuroscience</i> , 2015, 18, 666-673.	7.1	95
2106	Down-regulation of let-7 microRNA increased K-ras expression in lung damage induced by radon. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 541-548.	2.0	26
2107	Cellular Deconstruction: Finding Meaning in Individual Cell Variation. <i>Trends in Cell Biology</i> , 2015, 25, 569-578.	3.6	28
2108	miRNA therapeutics: a new class of drugs with potential therapeutic applications in the heart. <i>Future Medicinal Chemistry</i> , 2015, 7, 1771-1792.	1.1	196
2109	DNA methylation of tumor suppressor protein-coding and non-coding genes in multiple myeloma. <i>Epigenomics</i> , 2015, 7, 985-1001.	1.0	29
2110	MicroRNA-Let-7a regulates the function of microglia in inflammation. <i>Molecular and Cellular Neurosciences</i> , 2015, 68, 167-176.	1.0	77
2111	miR-34/449 control apical actin network formation during multiciliogenesis through small GTPase pathways. <i>Nature Communications</i> , 2015, 6, 8386.	5.8	53
2112	Ageing of Human Haematopoietic Stem Cells. , 2015, , 127-147.		2
2113	Plasma microRNA profiles: identification of miR-744 as a novel diagnostic and prognostic biomarker in pancreatic cancer. <i>British Journal of Cancer</i> , 2015, 113, 1467-1476.	2.9	85
2114	MicroRNA-26b Modulates the NF- κ B Pathway in Alveolar Macrophages by Regulating PTEN. <i>Journal of Immunology</i> , 2015, 195, 5404-5414.	0.4	51
2115	miR-124 regulates fetal pulmonary epithelial cell maturation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L400-L413.	1.3	27
2116	Differentially expressed microRNAs in kidney biopsies from various subtypes of nephrotic children. <i>Experimental and Molecular Pathology</i> , 2015, 99, 590-595.	0.9	18
2117	MicroRNA-375 Suppresses Extracellular Matrix Degradation and Invadopodial Activity in Head and Neck Squamous Cell Carcinoma. <i>Archives of Pathology and Laboratory Medicine</i> , 2015, 139, 1349-1361.	1.2	19
2118	The TATA-box motif and its impact on transcriptional gene regulation by miRNAs. <i>Biomolecular Concepts</i> , 2015, 6, 157-161.	1.0	1
2119	Novel biomarkers for the identification and targeted therapy of gastric cancer. <i>Expert Review of Gastroenterology and Hepatology</i> , 2015, 9, 1217-1226.	1.4	7
2120	MicroRNAs miR-155 and miR-16 Decrease AID and E47 in B Cells from Elderly Individuals. <i>Journal of Immunology</i> , 2015, 195, 2134-2140.	0.4	62
2121	Comparison of plasma MicroRNA levels in drug naive, first episode depressed patients and healthy controls. <i>Journal of Psychiatric Research</i> , 2015, 69, 67-71.	1.5	87

#	ARTICLE	IF	CITATIONS
2122	Upregulation of miR-497 induces hepatic insulin resistance in E3 rats with HFD-MetS by targeting insulin receptor. <i>Molecular and Cellular Endocrinology</i> , 2015, 416, 57-69.	1.6	24
2123	Computational exploration of microRNAs from expressed sequence tags of <i>Humulus lupulus</i> , target predictions and expression analysis. <i>Computational Biology and Chemistry</i> , 2015, 59, 131-141.	1.1	13
2124	MicroRNA-148a regulates LDL receptor and ABCA1 expression to control circulating lipoprotein levels. <i>Nature Medicine</i> , 2015, 21, 1280-1289.	15.2	203
2125	Upregulation of microRNA-122 by farnesoid X receptor suppresses the growth of hepatocellular carcinoma cells. <i>Molecular Cancer</i> , 2015, 14, 163.	7.9	47
2126	Exploiting a novel miR-519câ€“HuRâ€“ABCG2 regulatory pathway to overcome chemoresistance in colorectal cancer. <i>Experimental Cell Research</i> , 2015, 338, 222-231.	1.2	88
2127	miR-155 Upregulation in Dendritic Cells Is Sufficient To Break Tolerance In Vivo by Negatively Regulating SHIP1. <i>Journal of Immunology</i> , 2015, 195, 4632-4640.	0.4	53
2128	Neonatal hypoxic ischemic encephalopathy-related biomarkers in serum and cerebrospinal fluid. <i>Clinica Chimica Acta</i> , 2015, 450, 282-297.	0.5	103
2129	The role of non-coding RNAs in male sex determination and differentiation. <i>Reproduction</i> , 2015, 150, R93-R107.	1.1	30
2130	Malignant potential in pancreatic neoplasm; new insights provided by circulating miR-223 in plasma. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 773-785.	1.4	52
2131	miR-506 Inhibits Epithelial-to-Mesenchymal Transition and Angiogenesis in Gastric Cancer. <i>American Journal of Pathology</i> , 2015, 185, 2412-2420.	1.9	33
2132	Corticostriatal microRNAs in addiction. <i>Brain Research</i> , 2015, 1628, 2-16.	1.1	23
2134	A new approach to human microRNA target prediction using ensemble pruning and rotation forest. <i>Journal of Bioinformatics and Computational Biology</i> , 2015, 13, 1550017.	0.3	9
2135	The miR-199/DNM regulatory axis controls receptor-mediated endocytosis. <i>Journal of Cell Science</i> , 2015, 128, 3197-209.	1.2	41
2136	The omniscient placenta: Metabolic and epigenetic regulation of fetal programming. <i>Frontiers in Neuroendocrinology</i> , 2015, 39, 28-37.	2.5	167
2137	Sodium and Water Homeostasis. , 2015, , .		2
2138	Downregulation of the microRNA-1/133a cluster enhances cancer cell migration and invasion in lung-squamous cell carcinoma via regulation of Coronin1C. <i>Journal of Human Genetics</i> , 2015, 60, 53-61.	1.1	61
2139	Bioinformatics of cardiovascular miRNA biology. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 89, 3-10.	0.9	20
2140	MicroRNA-regulation of <i>Anopheles gambiae</i> immunity to <i>Plasmodium falciparum</i> infection and midgut microbiota. <i>Developmental and Comparative Immunology</i> , 2015, 49, 170-178.	1.0	59

#	ARTICLE	IF	CITATIONS
2141	The Role of MicroRNA in Autoimmune Diseases with Skin Involvement. <i>Scandinavian Journal of Immunology</i> , 2015, 81, 153-165.	1.3	50
2142	Vascular Morphogenesis. <i>Methods in Molecular Biology</i> , 2015, , .	0.4	11
2143	miRNAs are Essential for the Survival and Maturation of Cortical Interneurons. <i>Cerebral Cortex</i> , 2015, 25, 1842-1857.	1.6	23
2144	Mast cell plasticity and sphingosine-1-phosphate in immunity, inflammation and cancer. <i>Molecular Immunology</i> , 2015, 63, 104-112.	1.0	40
2145	Efficient Delivery of Therapeutic miRNA Nanocapsules for Tumor Suppression. <i>Advanced Materials</i> , 2015, 27, 292-297.	11.1	76
2146	Cupid: simultaneous reconstruction of microRNA-target and ceRNA networks. <i>Genome Research</i> , 2015, 25, 257-267.	2.4	94
2147	Identification of temozolomide resistance factors in glioblastoma via integrative miRNA/mRNA regulatory network analysis. <i>Scientific Reports</i> , 2014, 4, 5260.	1.6	35
2148	The association between susceptibility to inflammatory arthritis and miR-146a, miR-499 and IRAK1 polymorphisms. <i>Zeitschrift Fur Rheumatologie</i> , 2015, 74, 637-645.	0.5	26
2149	The miR-146a polymorphism and susceptibility to systemic lupus erythematosus and rheumatoid arthritis. <i>Zeitschrift Fur Rheumatologie</i> , 2015, 74, 153-156.	0.5	18
2150	ATP synthase: an identified target gene of bantam in paired female <i>Schistosoma japonicum</i> . <i>Parasitology Research</i> , 2015, 114, 593-600.	0.6	2
2151	MicroRNAs as key regulators of xenobiotic biotransformation and drug response. <i>Archives of Toxicology</i> , 2015, 89, 1523-1541.	1.9	16
2152	Genome-wide DNA Methylation Profiles and Their Relationships with mRNA and the microRNA Transcriptome in Bovine Muscle Tissue (<i>Bos taurine</i>). <i>Scientific Reports</i> , 2015, 4, 6546.	1.6	97
2153	miRNA profiling provides insights on adverse effects of Cr(VI) in the midgut tissues of <i>Drosophila melanogaster</i> . <i>Journal of Hazardous Materials</i> , 2015, 283, 558-567.	6.5	31
2154	Genome-wide survey of tissue-specific microRNA and transcription factor regulatory networks in 12 tissues. <i>Scientific Reports</i> , 2014, 4, 5150.	1.6	175
2155	MicroRNA-145 as one negative regulator of astrogliosis. <i>Glia</i> , 2015, 63, 194-205.	2.5	80
2156	MicroRNAs in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 139-151.	1.4	107
2157	Epigenetic regulation of female puberty. <i>Frontiers in Neuroendocrinology</i> , 2015, 36, 90-107.	2.5	108
2158	Glucocorticoids Transcriptionally Regulate miR-27b Expression Promoting Body Fat Accumulation Via Suppressing the Browning of White Adipose Tissue. <i>Diabetes</i> , 2015, 64, 393-404.	0.3	100

#	ARTICLE	IF	CITATIONS
2159	Immuno-miRs: critical regulators of T-cell development, function and ageing. <i>Immunology</i> , 2015, 144, 1-10.	2.0	141
2160	Circulating MicroRNAs as a marker for liver injury in human immunodeficiency virus patients. <i>Hepatology</i> , 2015, 61, 46-55.	3.6	55
2161	Lentivirus-mediated <i>Bos taurus</i> bta-miR-29b overexpression interferes with bovine viral diarrhoea virus replication and viral infection-related autophagy by directly targeting ATG14 and ATG9A in Madin-Darby bovine kidney cells. <i>Journal of General Virology</i> , 2015, 96, 85-94.	1.3	32
2162	The effects of early life stress on the epigenome: From the womb to adulthood and even before. <i>Experimental Neurology</i> , 2015, 268, 10-20.	2.0	190
2163	Vimentin Regulates Neuroplasticity in Transected Spinal Cord Rats Associated with micRNA138. <i>Molecular Neurobiology</i> , 2015, 51, 437-447.	1.9	16
2164	SOD1, from Bench to Bed: New Role for the Oldest Protein Implicated in ALS. , 2016, , .		0
2165	Combination of let-7d-5p, miR-26a-5p, and miR-15a-5p is suitable normalizer for studying microRNA expression in skin tissue of Liaoning cashmere goat during hair follicle cycle. <i>Czech Journal of Animal Science</i> , 2016, 61, 99-107.	0.5	7
2166	miR-7 reverses the resistance to BRAFi in melanoma by targeting EGFR/IGF-1R/CRAF and inhibiting the MAPK and PI3K/AKT signaling pathways. <i>Oncotarget</i> , 2016, 7, 53558-53570.	0.8	86
2167	Epigenetics and Drug Abuse. , 2016, , .		3
2168	Clinical Significance of Determining Plasma MicroRNA33b in Type 2 Diabetic Patients with Dyslipidemia. <i>Journal of Atherosclerosis and Thrombosis</i> , 2016, 23, 1276-1285.	0.9	13
2169	From Nutrient to MicroRNA: a Novel Insight into Cell Signaling Involved in Skeletal Muscle Development and Disease. <i>International Journal of Biological Sciences</i> , 2016, 12, 1247-1261.	2.6	20
2170	MicroRNA-497 inhibits cell proliferation, migration, and invasion by targeting AMOT in human osteosarcoma cells. <i>OncoTargets and Therapy</i> , 2016, 9, 303.	1.0	39
2171	MicroRNA in Inflammatory Bowel Disease. , 0, , .		0
2172	MicroRNA-874 Functions as a Tumor Suppressor by Targeting Cancer/Testis Antigen HCA587/MAGE-C2. <i>Journal of Cancer</i> , 2016, 7, 656-663.	1.2	20
2173	Natural Epigenetic-Modifying Molecules in Medical Therapy. , 2016, , 747-798.		15
2174	MicroRNA-regulated viral vectors for gene therapy. <i>World Journal of Experimental Medicine</i> , 2016, 6, 37.	0.9	64
2175	Investigation of Dysregulation of Several MicroRNAs in Peripheral Blood of Schizophrenia Patients. <i>Clinical Psychopharmacology and Neuroscience</i> , 2016, 14, 256-260.	0.9	35
2176	MicroRNA-145-5p inhibits gastric cancer invasiveness through targeting N-cadherin and ZEB2 to suppress epithelial-mesenchymal transition. <i>OncoTargets and Therapy</i> , 2016, 9, 2305.	1.0	45

#	ARTICLE	IF	CITATIONS
2177	Hormonal control of the metabolic machinery of hepatocellular carcinoma. <i>Hepatobiliary Surgery and Nutrition</i> , 2016, 5, 195-197.	0.7	3
2178	Oncogenic microRNA-4534 regulates PTEN pathway in prostate cancer. <i>Oncotarget</i> , 2016, 7, 68371-68384.	0.8	62
2179	Effective Silencing of Dicer Decreases Spore Load of the Honey Bee Parasite <i>Nosema ceranae</i> . <i>Fungal Genomics & Biology</i> , 2016, 06, .	0.4	12
2180	The Three Paralogous MicroRNA Clusters in Development and Disease, miR-17-92, miR-106a-363, and miR-106b-25. <i>Scientifica</i> , 2016, 2016, 1-10.	0.6	58
2181	Possible Biomarkers in Blood for Crohn's Disease: Oxidative Stress and MicroRNAs—Current Evidences and Further Aspects to Unravel. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	39
2182	Subclinical Detection of Diabetic Cardiomyopathy with MicroRNAs: Challenges and Perspectives. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-12.	1.0	33
2183	Role of MicroRNA in Governing Synaptic Plasticity. <i>Neural Plasticity</i> , 2016, 2016, 1-13.	1.0	62
2184	Upregulated MicroRNA-25 Mediates the Migration of Melanoma Cells by Targeting DKK3 through the WNT/ β -Catenin Pathway. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1124.	1.8	36
2185	The role of microRNAs in bladder cancer. <i>Investigative and Clinical Urology</i> , 2016, 57, S60.	1.0	75
2186	Post-transcriptional Regulation of BRCA2 through Interactions with miR-19a and miR-19b. <i>Frontiers in Genetics</i> , 2016, 7, 143.	1.1	20
2187	Is It worth Considering Circulating microRNAs in Multiple Sclerosis?. <i>Frontiers in Immunology</i> , 2016, 7, 129.	2.2	34
2188	From Genetics to Epigenetics: New Perspectives in Tourette Syndrome Research. <i>Frontiers in Neuroscience</i> , 2016, 10, 277.	1.4	40
2189	microRNAs: Emerging Targets Regulating Oxidative Stress in the Models of Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 298.	1.4	36
2190	Nutrigenetics and Nutrimiomics of the Circadian System: The Time for Human Health. <i>International Journal of Molecular Sciences</i> , 2016, 17, 299.	1.8	18
2191	MicroRNA-375 Functions as a Tumor-Suppressor Gene in Gastric Cancer by Targeting Recepteur d'Origine Nantais. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1633.	1.8	22
2192	Tools for Sequence-Based miRNA Target Prediction: What to Choose?. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1987.	1.8	353
2193	The Ins and Outs of miRNA-Mediated Gene Silencing during Neuronal Synaptic Plasticity. <i>Non-coding RNA</i> , 2016, 2, 1.	1.3	12
2194	Nutritional Genomics and the Mediterranean Diet's Effects on Human Cardiovascular Health. <i>Nutrients</i> , 2016, 8, 218.	1.7	34

#	ARTICLE	IF	CITATIONS
2195	The Role of Bioactive Dietary Components in Modulating miRNA Expression in Colorectal Cancer. <i>Nutrients</i> , 2016, 8, 590.	1.7	38
2196	Xylobiose, an Alternative Sweetener, Ameliorates Diabetes-Related Metabolic Changes by Regulating Hepatic Lipogenesis and miR-122a/33a in db/db Mice. <i>Nutrients</i> , 2016, 8, 791.	1.7	25
2197	MicroRNA expression and its association with DNA repair in preimplantation embryos. <i>Journal of Reproduction and Development</i> , 2016, 62, 225-234.	0.5	15
2198	Bidirectional Promoter Engineering for Single Cell MicroRNA Sensors in Embryonic Stem Cells. <i>PLoS ONE</i> , 2016, 11, e0155177.	1.1	11
2199	MicroRNA-21 Increases Proliferation and Cisplatin Sensitivity of Osteosarcoma-Derived Cells. <i>PLoS ONE</i> , 2016, 11, e0161023.	1.1	50
2200	Mechanistic Insights into Archaeal and Human Argonaute Substrate Binding and Cleavage Properties. <i>PLoS ONE</i> , 2016, 11, e0164695.	1.1	19
2201	Epigenetic Biomarkers of Disease. , 2016, , 159-176.		2
2202	MiR-146 and miR-125 in the regulation of innate immunity and inflammation. <i>BMB Reports</i> , 2016, 49, 311-318.	1.1	128
2203	MicroRNA-221 Regulates Hypertrophy of Ligamentum Flavum in Lumbar Spinal Stenosis by Targeting TIMP-2. <i>Spine</i> , 2016, 41, 275-282.	1.0	25
2204	MicroRNA regulate T cell production of interleukin-9 and identify hypoxia-inducible factor-1 as an important regulator of T helper 9 and regulatory T cell differentiation. <i>Immunology</i> , 2016, 149, 74-86.	2.0	44
2205	MicroRNA-30a as a prognostic factor in urothelial carcinoma of bladder inhibits cellular malignancy by antagonising Notch1. <i>BJU International</i> , 2016, 118, 578-589.	1.3	17
2206	miR-124 potentiates Akt-induced reprogramming of cultured Müller glia. <i>Glia</i> , 2016, 64, 743-762.	2.5	60
2207	Upstream ORFs are prevalent translational repressors in vertebrates. <i>EMBO Journal</i> , 2016, 35, 706-723.	3.5	288
2208	miR-410 suppresses the expression of interleukin-6 as well as renal fibrosis in the pathogenesis of lupus nephritis. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 616-625.	0.9	32
2209	microRNA profiling for early detection of nonmelanoma skin cancer. <i>Clinical and Experimental Dermatology</i> , 2016, 41, 346-351.	0.6	31
2210	PCK1 is negatively regulated by bta-miR-26a, and a single-nucleotide polymorphism in the 3' untranslated region is involved in semen quality and longevity of Holstein bulls. <i>Molecular Reproduction and Development</i> , 2016, 83, 217-225.	1.0	13
2211	miR-148a dependent apoptosis of bladder cancer cells is mediated in part by the epigenetic modifier DNMT1. <i>Molecular Carcinogenesis</i> , 2016, 55, 757-767.	1.3	36
2212	miRNA in Macrophage Development and Function. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 795-804.	2.5	73

#	ARTICLE	IF	CITATIONS
2213	MiR-195 Suppresses Cervical Cancer Migration and Invasion Through Targeting Smad3. <i>International Journal of Gynecological Cancer</i> , 2016, 26, 817-824.	1.2	55
2214	Expression of 14-3-3 transcript isoforms in response to ethanol exposure and their regulation by miRNAs. <i>Molecular and Cellular Neurosciences</i> , 2016, 75, 44-49.	1.0	16
2215	Temperature-sensitive miR-483 is a conserved regulator of recombinant protein and viral vector production in mammalian cells. <i>Biotechnology and Bioengineering</i> , 2016, 113, 830-841.	1.7	29
2216	CIBZ Regulates Mesodermal and Cardiac Differentiation of by Suppressing T and Mesp1 Expression in Mouse Embryonic Stem Cells. <i>Scientific Reports</i> , 2016, 6, 34188.	1.6	16
2217	Mammalian microRNA: an important modulator of host-pathogen interactions in human viral infections. <i>Journal of Biomedical Science</i> , 2016, 23, 74.	2.6	32
2218	Hypoxia-inducible miR-210 contributes to preeclampsia via targeting thrombospondin type I domain containing 7A. <i>Scientific Reports</i> , 2016, 6, 19588.	1.6	80
2219	MicroRNAs mediate therapeutic and preventive effects of natural agents in breast cancer. <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 881-887.	0.7	16
2220	microRNA-146a promotes mycobacterial survival in macrophages through suppressing nitric oxide production. <i>Scientific Reports</i> , 2016, 6, 23351.	1.6	59
2221	miR-27a-mediated antiproliferative effects of metformin on the breast cancer cell line MCF-7. <i>Oncology Reports</i> , 2016, 36, 3691-3699.	1.2	22
2222	MicroRNA-Let-7f reduces the vasculogenic mimicry of human glioma cells by regulating periostin-dependent migration. <i>Oncology Reports</i> , 2016, 35, 1771-1777.	1.2	21
2223	Exploiting MicroRNA (miRNA) Profiles for Diagnostics. , 2016, , 634-654.		1
2224	Reversible HuR-microRNA binding controls extracellular export of miR-122 and augments stress response. <i>EMBO Reports</i> , 2016, 17, 1184-1203.	2.0	139
2225	Overexpression of microRNA-210 promotes chondrocyte proliferation and extracellular matrix deposition by targeting HIF-3 α in osteoarthritis. <i>Molecular Medicine Reports</i> , 2016, 13, 2769-2776.	1.1	38
2226	Modulation of bilirubin neurotoxicity by the Abcb1 transporter in the Ugt1 ^{-/-} lethal mouse model of neonatal hyperbilirubinemia. <i>Human Molecular Genetics</i> , 2016, 26, ddw375.	1.4	13
2227	MicroRNA-induced negative regulation of TLR-5 in grass carp, <i>Ctenopharyngodon idella</i> . <i>Scientific Reports</i> , 2016, 6, 18595.	1.6	22
2228	MicroRNA-mediated target mRNA cleavage and 5'-uridylation in human cells. <i>Scientific Reports</i> , 2016, 6, 30242.	1.6	26
2229	Chronic miR-29 antagonism promotes favorable plaque remodeling in atherosclerotic mice. <i>EMBO Molecular Medicine</i> , 2016, 8, 643-653.	3.3	61
2230	miR-27b is upregulated in cervical carcinogenesis and promotes cell growth and invasion by regulating CDH11 and epithelial-mesenchymal transition. <i>Oncology Reports</i> , 2016, 35, 1645-1651.	1.2	48

#	ARTICLE	IF	CITATIONS
2231	MicroRNA profiling of the intestinal tissue of Kazakh sheep after experimental <i>Echinococcus granulosus</i> infection, using a high-throughput approach. <i>Parasite</i> , 2016, 23, 23.	0.8	34
2232	A time-resolved molecular map of the macrophage response to VSV infection. <i>Npj Systems Biology and Applications</i> , 2016, 2, 16027.	1.4	42
2233	miRepress: modelling gene expression regulation by microRNA with non-conventional binding sites. <i>Scientific Reports</i> , 2016, 6, 22334.	1.6	7
2234	Circulating MicroRNAs as Potential Biomarkers for Traumatic Brain Injury-Induced Hypopituitarism. <i>Journal of Neurotrauma</i> , 2016, 33, 1818-1825.	1.7	32
2235	Improving fold activation of small transcription activating RNAs (STARs) with rational RNA engineering strategies. <i>Biotechnology and Bioengineering</i> , 2016, 113, 216-225.	1.7	36
2236	Competing endogenous RNA networks of CYP4Z1 and pseudogene CYP4Z2P confer tamoxifen resistance in breast cancer. <i>Molecular and Cellular Endocrinology</i> , 2016, 427, 133-142.	1.6	52
2237	Reducible self-assembling cationic polypeptide-based micelles mediate co-delivery of doxorubicin and microRNA-34a for androgen-independent prostate cancer therapy. <i>Journal of Controlled Release</i> , 2016, 232, 203-214.	4.8	85
2238	MicroRNA-197 Mediates the Overgrowth and Anti-Apoptotic Effects by Downregulating Insulin-Like Growth Factor-Binding Protein-3 During Nephroblastoma Tumorigenesis. <i>Fetal and Pediatric Pathology</i> , 2016, 35, 287-298.	0.4	3
2239	MicroRNAs in brain cholesterol metabolism and their implications for Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 2139-2147.	1.2	18
2240	Direct regulation of LAMP1 by tumor-suppressive microRNA-320a in prostate cancer. <i>International Journal of Oncology</i> , 2016, 49, 111-122.	1.4	57
2241	Personalized Treatment of Breast Cancer. , 2016, , .		2
2242	Evaluation of miRNA-expression and clinical tumour parameters in oral squamous cell carcinoma (OSCC). <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 876-881.	0.7	16
2243	Evaluation of inhibition of miRNA expression induced by anti-miRNA oligonucleotides. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4829-4833.	1.9	3
2244	Role of Dicer and the miRNA system in neuronal plasticity and brain function. <i>Neurobiology of Learning and Memory</i> , 2016, 135, 3-12.	1.0	40
2245	MIR-195 participates in the placental disorder of preeclampsia via targeting activin receptor type-2B in trophoblastic cells. <i>Journal of Hypertension</i> , 2016, 34, 1371-1379.	0.3	23
2246	Guidelines for the functional annotation of microRNAs using the Gene Ontology. <i>Rna</i> , 2016, 22, 667-676.	1.6	35
2247	Methylation-induced silencing of miR-34a enhances chemoresistance by directly upregulating ATG4B-induced autophagy through AMPK/mTOR pathway in prostate cancer. <i>Oncology Reports</i> , 2016, 35, 64-72.	1.2	56
2248	Micro-RNAs and High-Density Lipoprotein Metabolism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1076-1084.	1.1	45

#	ARTICLE	IF	CITATIONS
2249	miRNA-503 Promotes Tumor Progression and Is Associated with Early Recurrence and Poor Prognosis in Human Colorectal Cancer. <i>Oncology</i> , 2016, 90, 221-231.	0.9	44
2250	microRNA-496 " A new, potentially aging-relevant regulator of mTOR. <i>Cell Cycle</i> , 2016, 15, 1108-1116.	1.3	25
2251	MicroRNA-20a negatively regulates expression of NLRP3-inflammasome by targeting TXNIP in adjuvant-induced arthritis fibroblast-like synoviocytes. <i>Joint Bone Spine</i> , 2016, 83, 695-700.	0.8	90
2252	MiRNAs: potential diagnostic and therapeutic targets for cerebral ischaemia. <i>Neurological Research</i> , 2016, 38, 86-92.	0.6	12
2253	MicroRNA858 Is a Potential Regulator of Phenylpropanoid Pathway and Plant Development. <i>Plant Physiology</i> , 2016, 171, 944-959.	2.3	163
2254	Identification of genetic loci stratified by diabetic status and microRNA related SNPs influencing kidney function in Korean populations. <i>Genes and Genomics</i> , 2016, 38, 601-609.	0.5	5
2255	miRNA-200c mediates mono-butyl phthalate-disrupted steroidogenesis by targeting vimentin in Leydig tumor cells and murine adrenocortical tumor cells. <i>Toxicology Letters</i> , 2016, 241, 95-102.	0.4	16
2256	MicroRNAs and drug-induced kidney injury. , 2016, 163, 48-57.		55
2257	Agmatine Prevents Adaptation of the Hippocampal Glutamate System in Chronic Morphine-Treated Rats. <i>Neuroscience Bulletin</i> , 2016, 32, 523-530.	1.5	14
2258	Decreased expression of miR-132 in CRC tissues and its inhibitory function on tumor progression. <i>Open Life Sciences</i> , 2016, 11, 130-135.	0.6	3
2259	MicroRNA 34a contributes to virus-mediated apoptosis through binding to its target gene Bax in influenza A virus infection. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1464-1470.	2.5	38
2260	Long non-coding RNA UCA1 promotes cisplatin/gemcitabine resistance through CREB modulating miR-196a-5p in bladder cancer cells. <i>Cancer Letters</i> , 2016, 382, 64-76.	3.2	182
2261	Profiling and annotation of microRNAs and their putative target genes in chilli (<i>Capsicum annuum</i> L.) using ESTs. <i>Gene Reports</i> , 2016, 5, 62-69.	0.4	15
2262	Molecular and Experimental Basis for COX Inhibition in Cancer. , 2016, , 175-201.		0
2263	Comparative proteome analysis of abdominal adipose tissues between fat and lean broilers. <i>Proteome Science</i> , 2016, 14, 9.	0.7	4
2264	MicroRNA-155 enhances T cell trafficking and antiviral effector function in a model of coronavirus-induced neurologic disease. <i>Journal of Neuroinflammation</i> , 2016, 13, 240.	3.1	57
2265	Regulation of TPD52 by antitumor microRNA-218 suppresses cancer cell migration and invasion in lung squamous cell carcinoma. <i>International Journal of Oncology</i> , 2016, 49, 1870-1880.	1.4	49
2266	DNA damage response regulation by microRNAs as a therapeutic target in cancer. <i>DNA Repair</i> , 2016, 47, 1-11.	1.3	70

#	ARTICLE	IF	CITATIONS
2267	Computational identification and characterization of novel microRNA in the mammary gland of dairy goat (<i>Capra hircus</i>). <i>Journal of Genetics</i> , 2016, 95, 625-637.	0.4	2
2268	Label-Free Isothermal Amplification Assay for Specific and Highly Sensitive Colorimetric miRNA Detection. <i>ACS Omega</i> , 2016, 1, 448-455.	1.6	36
2269	microRNA Therapeutics in Cancer – An Emerging Concept. <i>EBioMedicine</i> , 2016, 12, 34-42.	2.7	360
2270	Identification of a novel mechanism of blood–brain communication during peripheral inflammation via choroid plexus–derived extracellular vesicles. <i>EMBO Molecular Medicine</i> , 2016, 8, 1162-1183.	3.3	259
2271	MicroRNA-139-5p negatively regulates NR2A-containing NMDA receptor in the rat pilocarpine model and patients with temporal lobe epilepsy. <i>Epilepsia</i> , 2016, 57, 1931-1940.	2.6	33
2272	Overexpression of microRNA-497 suppresses cell proliferation and induces apoptosis through targeting paired box 2 in human ovarian cancer. <i>Oncology Reports</i> , 2016, 36, 2101-2107.	1.2	17
2273	Prognostic role of microRNA-203 in various carcinomas: evidence from a meta-analysis involving 13 studies. <i>SpringerPlus</i> , 2016, 5, 1538.	1.2	17
2274	Using miRNA-mRNA Interaction Analysis to Link Biologically Relevant miRNAs to Stem Cell Identity Testing for Next-Generation Culturing Development. <i>Stem Cells Translational Medicine</i> , 2016, 5, 709-722.	1.6	13
2275	MiR-285 targets P450 (CYP6N23) to regulate pyrethroid resistance in <i>Culex pipiens pallens</i> . <i>Parasitology Research</i> , 2016, 115, 4511-4517.	0.6	28
2276	The roles of non-coding RNAs in Parkinson's disease. <i>Molecular Biology Reports</i> , 2016, 43, 1193-1204.	1.0	91
2277	miR-376c inhibits cervical cancer cell proliferation and invasion by targeting BMI1. <i>International Journal of Experimental Pathology</i> , 2016, 97, 257-265.	0.6	22
2278	Regulation of LOXL2 and SERPINH1 by antitumor microRNA-29a in lung cancer with idiopathic pulmonary fibrosis. <i>Journal of Human Genetics</i> , 2016, 61, 985-993.	1.1	55
2279	Integrative analysis of transcriptome and miRNome unveils the key regulatory connections involved in different stages of hepatocellular carcinoma. <i>Genes To Cells</i> , 2016, 21, 949-965.	0.5	8
2280	MicroRNAs: Novel regulatory molecules in acute lung injury/acute respiratory distress syndrome. <i>Biomedical Reports</i> , 2016, 4, 523-527.	0.9	42
2281	Exploring circulating microRNA in the neoadjuvant treatment of breast cancer. <i>International Journal of Cancer</i> , 2016, 139, 12-22.	2.3	40
2282	MicroRNA-145 Inhibitor Significantly Improves the Development of Bovine Somatic Cell Nuclear Transfer Embryos In Vitro. <i>Cellular Reprogramming</i> , 2016, 18, 230-236.	0.5	4
2283	Tumor-suppressive microRNA-223 inhibits cancer cell migration and invasion by targeting ITGA3/ITGB1 signaling in prostate cancer. <i>Cancer Science</i> , 2016, 107, 84-94.	1.7	122
2284	Genomewide miRNA profiling of oral lichenoid disorders and oral squamous cell carcinoma. <i>Oral Diseases</i> , 2016, 22, 754-760.	1.5	14

#	ARTICLE	IF	CITATIONS
2285	Characterization of microRNA profile in mammary tissue of dairy and beef breed heifers. <i>Journal of Animal Breeding and Genetics</i> , 2016, 133, 31-42.	0.8	49
2286	NSAIDs and Aspirin. , 2016, , .		6
2287	Genetic variants in microRNA-146a (C > G) and microRNA-1269b (G > C) are associated with the decreased risk of oral premalignant lesions, oral cancer, and pharyngeal cancer. <i>Archives of Oral Biology</i> , 2016, 72, 21-32.	0.8	20
2288	The RNA Binding Protein Mex-3B Is Required for IL-33 Induction in the Development of Allergic Airway Inflammation. <i>Cell Reports</i> , 2016, 16, 2456-2471.	2.9	37
2289	MiR-19a promotes cell proliferation and invasion by targeting RhoB in human glioma cells. <i>Neuroscience Letters</i> , 2016, 628, 161-166.	1.0	25
2290	Biomarkers in pediatric heart failure. <i>Progress in Pediatric Cardiology</i> , 2016, 43, 11-15.	0.2	0
2291	Epigenetic factors in atherogenesis: MicroRNA. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2016, 10, 269-275.	0.2	0
2292	Circulating microRNA-1290 as a novel diagnostic and prognostic biomarker in human colorectal cancer. <i>Annals of Oncology</i> , 2016, 27, 1879-1886.	0.6	138
2293	MicroRNAs in heart failure: Non-coding regulators of metabolic function. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 2276-2287.	1.8	19
2294	Ribonucleoprotein Foci in Eukaryotes: How to Translate the Silence. , 2016, , 491-511.		0
2295	miR-101 sensitizes K562 cell line to imatinib through Jak2 downregulation and inhibition of NF- κ B target genes. <i>Tumor Biology</i> , 2016, 37, 14117-14128.	0.8	20
2296	miR-181a induces sorafenib resistance of hepatocellular carcinoma cells through downregulation of RASSF1 expression. <i>Cancer Science</i> , 2016, 107, 1256-1262.	1.7	62
2297	MicroRNAs in adipocyte formation and obesity. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2016, 30, 653-664.	2.2	21
2298	MiR-101 Targets the EZH2/Wnt/ β -Catenin the Pathway to Promote the Osteogenic Differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells. <i>Scientific Reports</i> , 2016, 6, 36988.	1.6	49
2299	Functional SNP in stem of mir-146a affects Her2 status and breast cancer survival. <i>Cancer Biomarkers</i> , 2016, 17, 213-222.	0.8	25
2300	Developmental inhibition of miR-iab8-3p disrupts mushroom body neuron structure and adult learning ability. <i>Developmental Biology</i> , 2016, 419, 237-249.	0.9	8
2302	The New Massive Data: miRnomics and Its Application to Therapeutics. , 2016, , 91-97.		0
2303	Neuroprotective Role of MicroRNA-22 in a 6-Hydroxydopamine-Induced Cell Model of Parkinson's Disease via Regulation of Its Target Gene TRPM7. <i>Journal of Molecular Neuroscience</i> , 2016, 60, 445-452.	1.1	45

#	ARTICLE	IF	CITATIONS
2304	Dicer1-mediated miRNA processing shapes the mRNA profile and function of murine platelets. <i>Blood</i> , 2016, 127, 1743-1751.	0.6	79
2306	Overexpression of miR-200a protects cardiomyocytes against hypoxia-induced apoptosis by modulating the kelch-like ECH-associated protein 1-nuclear factor erythroid 2-related factor 2 signaling axis. <i>International Journal of Molecular Medicine</i> , 2016, 38, 1303-1311.	1.8	43
2307	Shared Biologic Pathways Between Alzheimer Disease and Major Depression: A Systematic Review of MicroRNA Expression Studies. <i>American Journal of Geriatric Psychiatry</i> , 2016, 24, 903-912.	0.6	55
2308	Prognostic significance of microRNA-200c in various types of cancer: An updated meta-analysis of 34 studies. <i>Molecular and Clinical Oncology</i> , 2016, 4, 933-941.	0.4	5
2309	TP53INP1 3'UTR functions as a ceRNA in repressing the metastasis of glioma cells by regulating miRNA activity. <i>Biotechnology Letters</i> , 2016, 38, 1699-1707.	1.1	17
2310	miRNA-216 and miRNA-499 target cyb561d2 in zebrafish in response to fipronil exposure. <i>Environmental Toxicology and Pharmacology</i> , 2016, 45, 98-107.	2.0	15
2311	Inhibition of microRNA-449a prevents IL-1 β -induced cartilage destruction via SIRT1. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 2153-2161.	0.6	34
2312	MiR-27a is Essential for the Shift from Osteogenic Differentiation to Adipogenic Differentiation of Mesenchymal Stem Cells in Postmenopausal Osteoporosis. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 253-265.	1.1	104
2313	Sensory aspects in myasthenia gravis: A translational approach. <i>Journal of the Neurological Sciences</i> , 2016, 368, 379-388.	0.3	8
2314	Ectopic miR-125a Expression Induces Long-Term Repopulating Stem Cell Capacity in Mouse and Human Hematopoietic Progenitors. <i>Cell Stem Cell</i> , 2016, 19, 383-396.	5.2	52
2315	The emerging role of long non-coding RNAs in endometrial cancer. <i>Cancer Genetics</i> , 2016, 209, 445-455.	0.2	39
2316	MicroRNA-224 aggravates tumor growth and progression by targeting mTOR in gastric cancer. <i>International Journal of Oncology</i> , 2016, 49, 1068-1080.	1.4	23
2317	Expression Variations of miRNAs and mRNAs in Rice (<i>Oryza sativa</i>). <i>Genome Biology and Evolution</i> , 2016, 8, 3529-3544.	1.1	32
2318	Dysregulation of RUNX2/Activin-A Axis upon miR-376c Downregulation Promotes Lymph Node Metastasis in Head and Neck Squamous Cell Carcinoma. <i>Cancer Research</i> , 2016, 76, 7140-7150.	0.4	47
2319	Sevoflurane protects against hepatic ischemia/reperfusion injury by modulating microRNA-200c regulation in mice. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1126-1136.	2.5	37
2320	Pancreatic Islet Biology. <i>Pancreatic Islet Biology</i> , 2016, , .	0.1	2
2321	The emerging roles of MicroRNAs in autism spectrum disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 729-738.	2.9	51
2322	Concurrent micro-RNA mediated silencing of tick-borne flavivirus replication in tick vector and in the brain of vertebrate host. <i>Scientific Reports</i> , 2016, 6, 33088.	1.6	19

#	ARTICLE	IF	CITATIONS
2323	MicroRNA-15b regulates reversion-inducing cysteine-rich protein with Kazal motifs (RECK) expression in human uterine leiomyoma. <i>Reproductive Biology and Endocrinology</i> , 2016, 14, 45.	1.4	9
2324	Targeted Therapy for Malignant Brain Tumors. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016, , 433-450.	0.4	0
2325	miR-200 family promotes podocyte differentiation through repression of RSAD2. <i>Scientific Reports</i> , 2016, 6, 27105.	1.6	16
2326	Improving stem cell therapy in cardiovascular diseases: the potential role of microRNA. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H207-H218.	1.5	7
2327	MicroRNAs: A Link Between Type 1 Diabetes and the Environment?. <i>Pancreatic Islet Biology</i> , 2016, , 159-192.	0.1	0
2328	Long Noncoding RNA LOC100129973 Suppresses Apoptosis by Targeting miR-4707-5p and miR-4767 in Vascular Endothelial Cells. <i>Scientific Reports</i> , 2016, 6, 21620.	1.6	58
2329	Mechanistically linked serum miRNAs distinguish between drug induced and fatty liver disease of different grades. <i>Scientific Reports</i> , 2016, 6, 23709.	1.6	29
2330	Dual tumor suppressors <i>miR-139-5p</i> and <i>miR-139-3p</i> targeting <i>matrix metalloproteinase 11</i> in bladder cancer. <i>Cancer Science</i> , 2016, 107, 1233-1242.	1.7	115
2331	Retroviral Transduction of Helper T Cells as a Genetic Approach to Study Mechanisms Controlling their Differentiation and Function. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	2
2332	Role of Dicer Enzyme in the Regulation of Store Operated Calcium Entry (SOCE) in CD4+ T Cells. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 1360-1368.	1.1	9
2333	MiRNATIP: a SOM-based miRNA-target interactions predictor. <i>BMC Bioinformatics</i> , 2016, 17, 321.	1.2	13
2334	miR-589-5p inhibits MAP3K8 and suppresses CD90+ cancer stem cells in hepatocellular carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 176.	3.5	50
2335	Upregulation of MiR-196a promotes cell proliferation by downregulating p27kip1 in laryngeal cancer. <i>Biological Research</i> , 2016, 49, 40.	1.5	19
2336	Plasma microRNAs Are Potential Biomarkers of Acute Rejection After Hindlimb Transplantation in Rats. <i>Transplantation Direct</i> , 2016, 2, e108.	0.8	9
2337	LncRNA H19 functions as a competing endogenous RNA to regulate AQP3 expression by sponging miR-874 in the intestinal barrier. <i>FEBS Letters</i> , 2016, 590, 1354-1364.	1.3	70
2338	Decreased epithelial and plasma miR-181b expression associates with airway eosinophilic inflammation in asthma. <i>Clinical and Experimental Allergy</i> , 2016, 46, 1281-1290.	1.4	58
2339	The Importance of Toll-like Receptors in NF- κ B Signaling Pathway Activation by <i>Helicobacter pylori</i> Infection and the Regulators of this Response. <i>Helicobacter</i> , 2016, 21, 428-440.	1.6	30
2340	mir-500-Mediated GAD67 Downregulation Contributes to Neuropathic Pain. <i>Journal of Neuroscience</i> , 2016, 36, 6321-6331.	1.7	38

#	ARTICLE	IF	CITATIONS
2341	MicroRNA-103/107 is involved in hypoxia-induced proliferation of pulmonary arterial smooth muscle cells by targeting HIF-1 β . <i>Life Sciences</i> , 2016, 147, 117-124.	2.0	39
2342	CyTRANSFINDER: a Cytoscape 3.3 plugin for three-component (TF, gene, miRNA) signal transduction pathway construction. <i>BMC Bioinformatics</i> , 2016, 17, 157.	1.2	14
2343	miR-152 as a tumor suppressor microRNA: Target recognition and regulation in cancer. <i>Oncology Letters</i> , 2016, 11, 3911-3916.	0.8	61
2344	Reconstructing the temporal progression of HIV-1 immune response pathways. <i>Bioinformatics</i> , 2016, 32, i253-i261.	1.8	14
2345	The promise of epigenomic therapeutics in pancreatic cancer. <i>Epigenomics</i> , 2016, 8, 831-842.	1.0	40
2346	Long non-coding RNA MINCR promotes gallbladder cancer progression through stimulating EZH2 expression. <i>Cancer Letters</i> , 2016, 380, 122-133.	3.2	53
2347	MicroRNA-505 suppresses proliferation and invasion in hepatoma cells by directly targeting high-mobility group box 1. <i>Life Sciences</i> , 2016, 157, 12-18.	2.0	29
2348	Label-free detection of DNA single-base mismatches using a simple reflectance-based optical technique. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13395-13402.	1.3	23
2349	RNA Regulation of Lipotoxicity and Metabolic Stress. <i>Diabetes</i> , 2016, 65, 1816-1823.	0.3	17
2350	MicroRNA Regulates Hepatocytic Differentiation of Progenitor Cells by Targeting YAP1. <i>Stem Cells</i> , 2016, 34, 1284-1296.	1.4	39
2351	MicroRNA-27a functions as a tumor suppressor in renal cell carcinoma by targeting epidermal growth factor receptor. <i>Oncology Letters</i> , 2016, 11, 4217-4223.	0.8	23
2352	Quantitative Detection of MicroRNA in One Step <i>via</i> Next Generation Magnetic Relaxation Switch Sensing. <i>ACS Nano</i> , 2016, 10, 6685-6692.	7.3	127
2353	MicroRNA-19a/b mediates grape seed procyanidin extract-induced anti-neoplastic effects against lung cancer. <i>Journal of Nutritional Biochemistry</i> , 2016, 34, 118-125.	1.9	46
2354	Modulatory roles of microRNAs in the regulation of different signalling pathways in large bowel cancer stem cells. <i>Biology of the Cell</i> , 2016, 108, 51-64.	0.7	32
2355	Cortical Tubers: Windows into Dysregulation of Epilepsy Risk and Synaptic Signaling Genes by MicroRNAs. <i>Cerebral Cortex</i> , 2016, 26, 1059-1071.	1.6	32
2356	Mutation in the 3' untranslated region of APP as a genetic determinant of cerebral amyloid angiopathy. <i>European Journal of Human Genetics</i> , 2016, 24, 92-98.	1.4	26
2357	Differential expression of microRNAs in shrimp <i>Marsupenaeus japonicus</i> in response to <i>Vibrio alginolyticus</i> infection. <i>Developmental and Comparative Immunology</i> , 2016, 55, 76-79.	1.0	39
2358	MicroRNA-92 expression may be associated with reduced estrogen receptor β mRNA levels in cervical portion of uterosacral ligaments in women with pelvic organ prolapse. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016, 198, 94-99.	0.5	11

#	ARTICLE	IF	CITATIONS
2359	Post-transcriptional and Post-translational Regulation of Steroidogenesis. , 2016, , 253-275.		2
2360	miR-29c-3p promotes senescence of human mesenchymal stem cells by targeting CNOT6 through p53 and p21 and p16 pathways. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 520-532.	1.9	41
2361	microRNAs in lipoprotein metabolism and cardiometabolic disorders. <i>Atherosclerosis</i> , 2016, 246, 352-360.	0.4	84
2362	Improved knockdown from artificial microRNAs in an enhanced miR-155 backbone: a designer's guide to potent multi-target RNAi. <i>Nucleic Acids Research</i> , 2016, 44, e48-e48.	6.5	22
2363	Screening of Pre-miRNA-155 Binding Peptides for Apoptosis Inducing Activity Using Peptide Microarrays. <i>Journal of the American Chemical Society</i> , 2016, 138, 857-867.	6.6	58
2364	Serum miR-30e and miR-223 as Novel Noninvasive Biomarkers for Hepatocellular Carcinoma. <i>American Journal of Pathology</i> , 2016, 186, 242-247.	1.9	80
2365	Tumor-suppressive microRNA-29 family inhibits cancer cell migration and invasion directly targeting LOXL2 in lung squamous cell carcinoma. <i>International Journal of Oncology</i> , 2016, 48, 450-460.	1.4	55
2366	MicroRNA-148a represents an independent prognostic marker in bladder cancer. <i>Tumor Biology</i> , 2016, 37, 7915-7920.	0.8	18
2367	B cells as multi-functional players during Mycobacterium tuberculosis infection and disease. <i>Tuberculosis</i> , 2016, 97, 118-125.	0.8	16
2368	Long noncoding RNA MIR31HG exhibits oncogenic property in pancreatic ductal adenocarcinoma and is negatively regulated by miR-193b. <i>Oncogene</i> , 2016, 35, 3647-3657.	2.6	124
2369	Non-coding RNAs: An Introduction. <i>Advances in Experimental Medicine and Biology</i> , 2016, 886, 13-32.	0.8	101
2370	miR-93 promotes TGF- β -induced epithelial-to-mesenchymal transition through downregulation of NEDD4L in lung cancer cells. <i>Tumor Biology</i> , 2016, 37, 5645-5651.	0.8	64
2371	miR-34a inhibits the in vitro cell proliferation and migration in human esophageal cancer. <i>Pathology Research and Practice</i> , 2016, 212, 444-449.	1.0	25
2372	dsRNA-protein interactions studied by molecular dynamics techniques. Unravelling dsRNA recognition by DCL1. <i>Archives of Biochemistry and Biophysics</i> , 2016, 596, 118-125.	1.4	8
2373	Regulation of the collagen cross-linking enzymes LOXL2 and PLOD2 by tumor-suppressive microRNA-26a/b in renal cell carcinoma. <i>International Journal of Oncology</i> , 2016, 48, 1837-1846.	1.4	70
2374	miR-223 inhibits IGF-1R signalling in hypoxia- and load-induced right-ventricular failure: a novel therapeutic approach. <i>Cardiovascular Research</i> , 2016, 111, 184-193.	1.8	54
2375	miRNA Deregulation in Cancer Cells and the Tumor Microenvironment. <i>Cancer Discovery</i> , 2016, 6, 235-246.	7.7	554
2376	Altered expression of miR-125a-5p in thymoma-associated myasthenia gravis and its down-regulation of foxp3 expression in Jurkat cells. <i>Immunology Letters</i> , 2016, 172, 47-55.	1.1	20

#	ARTICLE	IF	CITATIONS
2377	Possible involvement of miRNAs in tropism of Parvovirus B19. <i>Molecular Biology Reports</i> , 2016, 43, 175-181.	1.0	2
2378	MiR-631/ZAP70: A novel axis in the migration and invasion of prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 345-351.	1.0	27
2379	Exosomal microRNA Biomarkers: Emerging Frontiers in Colorectal and Other Human Cancers. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 553-567.	1.5	64
2380	Kissing-loop interaction between 5' and 3' ends of tick-borne Langkat virus genome "bridges the gap"™ between mosquito- and tick-borne flaviviruses in mechanisms of viral RNA cyclization: applications for virus attenuation and vaccine development. <i>Nucleic Acids Research</i> , 2016, 44, 3330-3350.	6.5	19
2381	Association between microRNA polymorphisms and chronic pancreatitis. <i>Pancreatology</i> , 2016, 16, 244-248.	0.5	5
2382	SREBP-1c/MicroRNA 33b Genomic Loci Control Adipocyte Differentiation. <i>Molecular and Cellular Biology</i> , 2016, 36, 1180-1193.	1.1	47
2383	MicroRNAs as regulators of endothelial cell functions in cardiometabolic diseases. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 2094-2103.	1.2	41
2384	Post-Transcriptional Mechanisms Regulating Epidermal Stem and Progenitor Cell Self-Renewal and Differentiation. <i>Journal of Investigative Dermatology</i> , 2016, 136, 746-752.	0.3	12
2385	UCA1 functions as a competing endogenous RNA to suppress epithelial ovarian cancer metastasis. <i>Tumor Biology</i> , 2016, 37, 10633-10641.	0.8	75
2386	MicroRNA Bta-miR-181a regulates the biosynthesis of bovine milk fat by targeting ACSL1. <i>Journal of Dairy Science</i> , 2016, 99, 3916-3924.	1.4	59
2387	The modularity and dynamicity of miRNA-mRNA interactions in high-grade serous ovarian carcinomas and the prognostic implication. <i>Computational Biology and Chemistry</i> , 2016, 63, 3-14.	1.1	3
2388	MicroRNA-379-5p inhibits tumor invasion and metastasis by targeting FAK/AKT signaling in hepatocellular carcinoma. <i>Cancer Letters</i> , 2016, 375, 73-83.	3.2	95
2389	Shedding light on miR-26a: Another key regulator of angiogenesis in diabetic wound healing. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 92, 203-205.	0.9	11
2391	Identification of microRNA-like RNAs from <i>Curvularia lunata</i> associated with maize leaf spot by bioinformation analysis and deep sequencing. <i>Molecular Genetics and Genomics</i> , 2016, 291, 587-596.	1.0	18
2392	Exosomes in Cancer Disease. <i>Methods in Molecular Biology</i> , 2016, 1381, 111-149.	0.4	45
2393	MicroRNA-21 deficiency protects from lupus-like autoimmunity in the chronic graft-versus-host disease model of systemic lupus erythematosus. <i>Clinical Immunology</i> , 2016, 162, 100-106.	1.4	30
2394	MicroRNAs regulate KDM5 histone demethylases in breast cancer cells. <i>Molecular BioSystems</i> , 2016, 12, 404-413.	2.9	36
2395	Long noncoding RNAs in lung cancer: what we know in 2015. <i>Clinical and Translational Oncology</i> , 2016, 18, 660-665.	1.2	22

#	ARTICLE	IF	CITATIONS
2396	MicroRNAs: Non-coding fine tuners of receptor tyrosine kinase signalling in cancer. <i>Seminars in Cell and Developmental Biology</i> , 2016, 50, 133-142.	2.3	27
2397	Correlations of microRNA:microRNA expression patterns reveal insights into microRNA clusters and global microRNA expression patterns. <i>Molecular BioSystems</i> , 2016, 12, 110-119.	2.9	26
2398	Roles of competing endogenous RNAs in gastric cancer. <i>Briefings in Functional Genomics</i> , 2016, 15, 266-273.	1.3	18
2399	miRVaS: a tool to predict the impact of genetic variants on miRNAs. <i>Nucleic Acids Research</i> , 2016, 44, e23-e23.	6.5	19
2400	Role of inflammation and its miRNA based regulation in epilepsy: Implications for therapy. <i>Clinica Chimica Acta</i> , 2016, 452, 1-9.	0.5	40
2401	Genetics of anaplastic large cell lymphoma. <i>Leukemia and Lymphoma</i> , 2016, 57, 21-27.	0.6	41
2402	Methylation of the miR-126 gene associated with glioma progression. <i>Familial Cancer</i> , 2016, 15, 317-324.	0.9	19
2403	Bone as a Target Organ in Rheumatic Disease: Impact on Osteoclasts and Osteoblasts. <i>Clinical Reviews in Allergy and Immunology</i> , 2016, 51, 1-15.	2.9	88
2404	Biogenesis and regulation of the let-7 miRNAs and their functional implications. <i>Protein and Cell</i> , 2016, 7, 100-113.	4.8	253
2405	Microguards and micromessengers of the genome. <i>Heredity</i> , 2016, 116, 125-134.	1.2	28
2406	microRNAs Modulate Spatial Memory in the Hippocampus and in the Ventral Striatum in a Region-Specific Manner. <i>Molecular Neurobiology</i> , 2016, 53, 4618-4630.	1.9	13
2407	The RNA world in the 21st century—a systems approach to finding non-coding keys to clinical questions. <i>Briefings in Bioinformatics</i> , 2016, 17, 380-392.	3.2	19
2408	RNA-binding protein HuR sequesters microRNA-21 to prevent translation repression of proinflammatory tumor suppressor gene programmed cell death 4. <i>Oncogene</i> , 2016, 35, 1703-1715.	2.6	82
2409	Control of Hormone Gene Expression. , 2016, , 16-29.e2.		0
2410	Phytochemical regulation of the tumor suppressive microRNA, miR-34a, by p53-dependent and independent responses in human breast cancer cells. <i>Molecular Carcinogenesis</i> , 2016, 55, 486-498.	1.3	51
2411	Transcriptional and post-transcriptional regulation of NK cell development and function. <i>Clinical Immunology</i> , 2017, 177, 60-69.	1.4	23
2412	The maternal control in the embryonic development of zebrafish. <i>General and Comparative Endocrinology</i> , 2017, 245, 55-68.	0.8	30
2413	Runx2/DICER/miRNA Pathway in Regulating Osteogenesis. <i>Journal of Cellular Physiology</i> , 2017, 232, 182-191.	2.0	45

#	ARTICLE	IF	CITATIONS
2414	Aberrantly expressed microRNAs in bladder cancer and renal cell carcinoma. <i>Journal of Human Genetics</i> , 2017, 62, 49-56.	1.1	43
2415	miR-21 contributes to renal protection by targeting prolyl hydroxylase domain protein 2 in delayed ischaemic preconditioning. <i>Nephrology</i> , 2017, 22, 366-373.	0.7	14
2416	Differential expression of <sc>microRNAs</sc> in bovine papillomavirus type 1 transformed equine cells. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 764-774.	0.8	11
2417	An alternative approach in regulation of expression of a transgene by endogenous miR-145 in carcinoma and normal breast cell lines. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 244-250.	1.4	8
2418	Regulation of metastasis-promoting LOXL2 gene expression by antitumor microRNAs in prostate cancer. <i>Journal of Human Genetics</i> , 2017, 62, 123-132.	1.1	26
2419	Dual-receptor (EGFR and c-MET) inhibition by tumor-suppressive miR-1 and miR-206 in head and neck squamous cell carcinoma. <i>Journal of Human Genetics</i> , 2017, 62, 113-121.	1.1	52
2420	miRNA expression profiling of cerebrospinal fluid in patients with aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2017, 126, 1131-1139.	0.9	55
2421	Diagnostic value of circulating microRNAs for osteosarcoma in Asian populations: a meta-analysis. <i>Clinical and Experimental Medicine</i> , 2017, 17, 175-183.	1.9	17
2422	MicroRNAs as novel targets and tools in cancer therapy. <i>Cancer Letters</i> , 2017, 387, 84-94.	3.2	100
2423	microRNAs Databases: Developmental Methodologies, Structural and Functional Annotations. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2017, 9, 357-377.	2.2	22
2424	DNA methylation of miRNA coding sequences putatively associated with childhood obesity. <i>Pediatric Obesity</i> , 2017, 12, 19-27.	1.4	32
2425	An overview of circulating cell-free microRNAs as putative biomarkers in Alzheimer's and Parkinson's Diseases. <i>International Journal of Neuroscience</i> , 2017, 127, 547-558.	0.8	42
2426	Inhibition of Beclin-1-Mediated Autophagy by MicroRNA-17-5p Enhanced the Radiosensitivity of Glioma Cells. <i>Oncology Research</i> , 2017, 25, 43-53.	0.6	37
2427	Two-Step Assembling of Near-Infrared "ON" Fluorescent Nanohybrids for Synchronous Tumor Imaging and MicroRNA Modulation-Based Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3294-3305.	4.0	15
2428	MicroRNAs and the metabolic hallmarks of aging. <i>Molecular and Cellular Endocrinology</i> , 2017, 455, 131-147.	1.6	51
2429	Potential mechanisms of microRNA-129-5p in inhibiting cell processes including viability, proliferation, migration and invasiveness of glioblastoma cells U87 through targeting FNDC3B. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 405-411.	2.5	45
2430	Identification and Characterization of MicroRNA Differentially Expressed in Macrophages Exposed to <i>Porphyromonas gingivalis</i> Infection. <i>Infection and Immunity</i> , 2017, 85, .	1.0	45
2431	Optimal Down Regulation of mRNA Translation. <i>Scientific Reports</i> , 2017, 7, 41243.	1.6	19

#	ARTICLE	IF	CITATIONS
2432	The Role of RNA Interference in Stem Cell Biology: Beyond the Mutant Phenotypes. <i>Journal of Molecular Biology</i> , 2017, 429, 1532-1543.	2.0	17
2433	MicroRNA 155 and viral-induced neuroinflammation. <i>Journal of Neuroimmunology</i> , 2017, 308, 17-24.	1.1	36
2434	MicroRNAs at the epicenter of intestinal homeostasis. <i>BioEssays</i> , 2017, 39, 1600200.	1.2	37
2435	MicroRNA-32 promotes cell proliferation, migration and suppresses apoptosis in breast cancer cells by targeting FBXW7. <i>Cancer Cell International</i> , 2017, 17, 14.	1.8	63
2436	Angiogenesis regulation by nanocarriers bearing RNA interference. <i>Advanced Drug Delivery Reviews</i> , 2017, 119, 3-19.	6.6	26
2437	microRNA expression changes after lipopolysaccharide treatment in gills of amphioxus <i>Branchiostoma belcheri</i> . <i>Developmental and Comparative Immunology</i> , 2017, 70, 39-44.	1.0	20
2438	MiRNAs in Malignant Melanoma. , 2017, , 119-175.		0
2439	Therapeutic Potentials of BDNF/TrkB in Breast Cancer; Current Status and Perspectives. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2502-2515.	1.2	70
2440	MicroRNA-381 inhibits the metastasis of gastric cancer by targeting TMEM16A expression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 29.	3.5	110
2441	Pathogenic Role of <i>microRNA-21</i> in Diabetic Retinopathy Through Downregulation of PPAR α . <i>Diabetes</i> , 2017, 66, 1671-1682.	0.3	126
2442	MicroRNA screening identifies miR-134 as a regulator of poliovirus and enterovirus 71 infection. <i>Scientific Data</i> , 2017, 4, 170023.	2.4	14
2443	The microRNA expression signature of small cell lung cancer: tumor suppressors of miR-27a-5p and miR-34b-3p and their targeted oncogenes. <i>Journal of Human Genetics</i> , 2017, 62, 671-678.	1.1	63
2444	Genetic 3'UTR variation is associated with human pigmentation characteristics and sensitivity to sunlight. <i>Experimental Dermatology</i> , 2017, 26, 896-903.	1.4	9
2445	HIV-1 Tat Primes and Activates Microglial NLRP3 Inflammasome-Mediated Neuroinflammation. <i>Journal of Neuroscience</i> , 2017, 37, 3599-3609.	1.7	145
2446	MicroRNAs in human tongue squamous cell carcinoma: From pathogenesis to therapeutic implications. <i>Oral Oncology</i> , 2017, 67, 124-130.	0.8	57
2447	Regulation of microvascularization in heart failure - an endothelial cell, non-coding RNAs and exosome liaison. <i>Non-coding RNA Research</i> , 2017, 2, 45-55.	2.4	15
2449	MicroRNA-152 inhibits tumor cell growth by directly targeting RTKN in hepatocellular carcinoma. <i>Oncology Reports</i> , 2017, 37, 1227-1234.	1.2	28
2450	Changes in microRNA expression in response to <i>Schistosoma japonicum</i> infection. <i>Parasite Immunology</i> , 2017, 39, e12416.	0.7	18

#	ARTICLE	IF	CITATIONS
2451	miR520c blocks EMT progression of human breast cancer cells by repressing STAT3. <i>Oncology Reports</i> , 2017, 37, 1537-1544.	1.2	20
2452	microRNA-29c inhibits cell proliferation by targeting NASP in human gastric cancer. <i>BMC Cancer</i> , 2017, 17, 109.	1.1	34
2453	Novel Triazole linked 2-phenyl benzoxazole derivatives induce apoptosis by inhibiting miR-2, miR-13 and miR-14 function in <i>Drosophila melanogaster</i> . <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 786-799.	2.2	3
2454	Sialyltransferase α 3Gal β 6 mediates the effect of microRNA-26a on cell growth, migration, and invasion in hepatocellular carcinoma through the protein kinase B/mammalian target of rapamycin pathway. <i>Cancer Science</i> , 2017, 108, 267-276.	1.7	34
2455	MiR-9-5p promotes MSC migration by activating β -catenin signaling pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 313, C80-C93.	2.1	34
2456	MicroRNAs and lipid metabolism. <i>Current Opinion in Lipidology</i> , 2017, 28, 273-280.	1.2	156
2457	The immunopathology of sepsis and potential therapeutic targets. <i>Nature Reviews Immunology</i> , 2017, 17, 407-420.	10.6	1,183
2458	SNPs in microRNA target sites and their potential role in human disease. <i>Open Biology</i> , 2017, 7, 170019.	1.5	157
2459	Inhibition of miR-363 protects cardiomyocytes against hypoxia-induced apoptosis through regulation of Notch signaling. <i>Biomedicine and Pharmacotherapy</i> , 2017, 90, 509-516.	2.5	25
2460	MicroRNA-294 promotes cellular proliferation and motility through the PI3K/AKT and JAK/STAT pathways by upregulation of NRAS in bladder cancer. <i>Biochemistry (Moscow)</i> , 2017, 82, 474-482.	0.7	30
2461	Long Noncoding RNA CRNDE Promotes Proliferation of Gastric Cancer Cells by Targeting miR-145. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 13-21.	1.1	79
2462	mTOR referees memory and disease through mRNA repression and competition. <i>FEBS Letters</i> , 2017, 591, 1540-1554.	1.3	11
2463	Genome-wide identification and characterization of microRNAs and target prediction by computational approaches in common carp. <i>Gene Reports</i> , 2017, 8, 30-36.	0.4	4
2464	Post-transcriptional regulation of FUS and EWS protein expression by miR-141 during neural differentiation. <i>Human Molecular Genetics</i> , 2017, 26, 2732-2746.	1.4	14
2465	The novel long intergenic noncoding RNA UCC promotes colorectal cancer progression by sponging miR-143. <i>Cell Death and Disease</i> , 2017, 8, e2778-e2778.	2.7	51
2466	Plasma microRNA-451 as a novel hemolytic marker for β -thalassemia/HbE disease. <i>Molecular Medicine Reports</i> , 2017, 15, 2495-2502.	1.1	18
2467	miR-141 promotes colon cancer cell proliferation by inhibiting MAP2K4. <i>Oncology Letters</i> , 2017, 13, 1665-1671.	0.8	43
2468	Circulating cell-free microRNAs as clinical cancer biomarkers. <i>Biomolecular Concepts</i> , 2017, 8, 61-81.	1.0	130

#	ARTICLE	IF	CITATIONS
2469	miRNAs associated with prostate cancer risk and progression. <i>BMC Urology</i> , 2017, 17, 18.	0.6	79
2470	Identification of a novel miRNA that increases transient protein expression in combination with valproic acid. <i>Biotechnology Progress</i> , 2017, 33, 1139-1145.	1.3	5
2471	MDH2 is an RNA binding protein involved in downregulation of sodium channel <i>Scn1a</i> expression under seizure condition. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1492-1499.	1.8	13
2472	The role of miR-372 in ovarian carcinoma cell proliferation. <i>Gene</i> , 2017, 624, 14-20.	1.0	17
2473	Establishment of MicroRNA delivery system by PP7 bacteriophage-like particles carrying cell-penetrating peptide. <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 242-249.	1.1	24
2474	Expression of miR-23a by apoptotic regulators in human cancer: A review. <i>Cancer Biology and Therapy</i> , 2017, 18, 269-276.	1.5	27
2475	Interferons Induce Expression of SAMHD1 in Monocytes through Down-regulation of miR-181a and miR-30a. <i>Journal of Biological Chemistry</i> , 2017, 292, 264-277.	1.6	44
2476	Hypolipidemic effect of oleanolic acid is mediated by the miR-98/PCG axis in high-fat diet-induced hyperlipidemic mice. <i>FASEB Journal</i> , 2017, 31, 1085-1096.	0.2	38
2477	Spatiotemporal Uncoupling of MicroRNA-Mediated Translational Repression and Target RNA Degradation Controls MicroRNP Recycling in Mammalian Cells. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	41
2478	Regulatory effects of berberine on microRNome in Cancer and other conditions. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 116, 147-158.	2.0	77
2479	miR-221 and miR-222 synergistically regulate hepatocyte growth factor activator inhibitor type 1 to promote cell proliferation and migration in gastric cancer. <i>Tumor Biology</i> , 2017, 39, 101042831770163.	0.8	22
2480	miR-370 regulates cell proliferation and migration by targeting EGFR in gastric cancer. <i>Oncology Reports</i> , 2017, 38, 384-392.	1.2	22
2481	MicroRNA-26a and -26b inhibit lens fibrosis and cataract by negatively regulating Jagged-1/Notch signaling pathway. <i>Cell Death and Differentiation</i> , 2017, 24, 1431-1442.	5.0	78
2482	miR-26b promoter analysis reveals regulatory mechanisms by lipid-related transcription factors in goat mammary epithelial cells. <i>Journal of Dairy Science</i> , 2017, 100, 5837-5849.	1.4	12
2483	Local Protein Synthesis in Dendritic Terminals and Its Regulation in Normal Conditions and during Plastic Changes. <i>Neuroscience and Behavioral Physiology</i> , 2017, 47, 595-607.	0.2	3
2484	miRNAs: The hidden bioactive component of milk. <i>Trends in Food Science and Technology</i> , 2017, 65, 94-102.	7.8	18
2485	MiR-130a-3p attenuates activation and induces apoptosis of hepatic stellate cells in nonalcoholic fibrosing steatohepatitis by directly targeting TGFBR1 and TGFBR2. <i>Cell Death and Disease</i> , 2017, 8, e2792-e2792.	2.7	62
2486	miR-19a contributes to gefitinib resistance and epithelial mesenchymal transition in non-small cell lung cancer cells by targeting c-Met. <i>Scientific Reports</i> , 2017, 7, 2939.	1.6	29

#	ARTICLE	IF	CITATIONS
2487	Genome-wide profiling and differential expression of microRNA in rat pluripotent stem cells. <i>Scientific Reports</i> , 2017, 7, 2787.	1.6	15
2488	Exploring a Role for Regulatory miRNAs In Wound Healing during Ageing:Involvement of miR-200c in wound repair. <i>Scientific Reports</i> , 2017, 7, 3257.	1.6	43
2489	miR-1254 promotes lung cancer cell proliferation by targeting SFRP1. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 913-918.	2.5	33
2490	Canonical Wnt signaling in diabetic retinopathy. <i>Vision Research</i> , 2017, 139, 47-58.	0.7	56
2491	Success in bone marrow failure? Novel therapeutic directions based on the immune environment of myelodysplastic syndromes. <i>Journal of Leukocyte Biology</i> , 2017, 102, 209-219.	1.5	12
2492	The role of microRNA in neuronal inflammation and survival in the post ischemic brain: a review. <i>Neurological Research</i> , 2023, 45, 1-9.	0.6	23
2493	The regulatory role of miRNAs on VDR in breast cancer. <i>Transcription</i> , 2017, 8, 232-241.	1.7	22
2494	Following MicroRNAs Through the Cancer Metastatic Cascade. <i>International Review of Cell and Molecular Biology</i> , 2017, 333, 173-228.	1.6	5
2495	The highly pathogenic H5N1 influenza A virus downâ€regulated several cellular Micro<scp>RNA</scp>s which target viral genome. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 3076-3086.	1.6	31
2496	microRNAs in Brain Endothelium and Inflammation. , 2017, , 153-173.		1
2497	Knockdown of microRNA-17-5p ameliorates atherosclerotic lesions in ApoEâ€ mice and restores the expression of very low density lipoprotein receptor. <i>Biotechnology Letters</i> , 2017, 39, 967-976.	1.1	17
2498	MiR-218 suppresses the metastasis and EMT of HCC cells via targeting SERBP1. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 383-391.	0.9	53
2499	Establishment of lysozyme gene RNA interference systemand its involvement in salinity tolerance in sea cucumber (<i>Apostichopus japonicus</i>). <i>Fish and Shellfish Immunology</i> , 2017, 65, 71-79.	1.6	14
2500	Overexpression of miRNA-221 promotes cell proliferation by targeting the apoptotic protease activating factor-1 and indicates a poor prognosis in ovarian cancer. <i>International Journal of Oncology</i> , 2017, 50, 1087-1096.	1.4	44
2501	Machine learning-based identification of endogenous cellular microRNA sponges against viral microRNAs. <i>Methods</i> , 2017, 129, 33-40.	1.9	3
2502	Angiomodulators in cancer therapy: New perspectives. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 578-590.	2.5	13
2503	Dicer1 dysfunction promotes stemness and aggression in endometrial carcinoma. <i>Tumor Biology</i> , 2017, 39, 101042831769596.	0.8	7
2504	Genome-wide identification of microRNA targets in the neglected disease pathogens of the genus <i>Echinococcus</i> . <i>Molecular and Biochemical Parasitology</i> , 2017, 214, 91-100.	0.5	22

#	ARTICLE	IF	CITATIONS
2505	Multimodal Regulation Orchestrates Normal and Complex Disease States in the Retina. <i>Scientific Reports</i> , 2017, 7, 690.	1.6	16
2506	3â€² Uridylation controls mature microRNA turnover during CD4 T-cell activation. <i>Rna</i> , 2017, 23, 882-891.	1.6	47
2508	Epigenetic factors as drivers of fibrosis in systemic sclerosis. <i>Epigenomics</i> , 2017, 9, 463-477.	1.0	32
2509	MicroRNA-93-5p increases multidrug resistance in human colorectal carcinoma cells by downregulating cyclin dependent kinase inhibitor 1A gene expression. <i>Oncology Letters</i> , 2017, 13, 722-730.	0.8	12
2510	Gene expression profiling in the human alcoholic brain. <i>Neuropharmacology</i> , 2017, 122, 161-174.	2.0	48
2511	Integrating optical tweezers with up-converting luminescence: a non-amplification analytical platform for quantitative detection of microRNA-21 sequences. <i>Chemical Communications</i> , 2017, 53, 4092-4095.	2.2	19
2512	MiR-146a potentially promotes IVIg-mediated inhibition of TLR4 signaling in LPS-activated human monocytes. <i>Immunology Letters</i> , 2017, 185, 64-73.	1.1	18
2513	The role of microRNAs in heart failure. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2019-2030.	1.8	66
2514	Let-7 Status Is Crucial for PARP1 Expression in HER2-Overexpressing Breast Tumors. <i>Molecular Cancer Research</i> , 2017, 15, 340-347.	1.5	12
2515	MicroRNA-132 attenuates neurobehavioral and neuropathological changes associated with intracerebral hemorrhage in mice. <i>Neurochemistry International</i> , 2017, 107, 182-190.	1.9	55
2516	Can nanotechnology improve cancer diagnosis through miRNA detection?. <i>Biomarkers in Medicine</i> , 2017, 11, 69-86.	0.6	47
2517	MicroRNA Implications in Neurodegenerative Disorders. , 2017, , 329-341.		1
2518	miRsig: a consensus-based network inference methodology to identify pan-cancer miRNA-miRNA interaction signatures. <i>Scientific Reports</i> , 2017, 7, 39684.	1.6	29
2519	MiRâ€¹01â€³p Regulates the Viability of Lung Squamous Carcinoma Cells via Targeting <i>EZH2</i> . <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3142-3149.	1.2	18
2520	The role of metastasisâ€associated in colon cancer 1 (MACC1) in endometrial carcinoma tumorigenesis and progression. <i>Molecular Carcinogenesis</i> , 2017, 56, 1361-1371.	1.3	23
2521	A new function for miRNAs as regulators of autophagy. <i>Future Medicinal Chemistry</i> , 2017, 9, 25-36.	1.1	20
2522	Role of microRNAs in cardiac development and disease. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 3-8.	0.8	52
2523	Circulating exosomes and exosomal microRNAs as biomarkers in gastrointestinal cancer. <i>Cancer Gene Therapy</i> , 2017, 24, 48-56.	2.2	175

#	ARTICLE	IF	CITATIONS
2524	mir-67 regulates P.Âaeruginosa avoidance behavior in C.Âelegans. Biochemical and Biophysical Research Communications, 2017, 494, 120-125.	1.0	8
2525	Dysregulated microRNAs in neural system: Implication in pathogenesis and biomarker development in Parkinsonâ€™s disease. Neuroscience, 2017, 365, 70-82.	1.1	22
2526	Endogenous miRNA in the green alga Chlamydomonas regulates gene expression through CDS-targeting. Nature Plants, 2017, 3, 787-794.	4.7	36
2527	Placental trophoblast debris mediated feto-maternal signalling via small RNA delivery: implications for preeclampsia. Scientific Reports, 2017, 7, 14681.	1.6	28
2528	MicroRNA-134 regulates poliovirus replication by IRES targeting. Scientific Reports, 2017, 7, 12664.	1.6	3
2529	miRâ€1 suppresses the proliferation and promotes the apoptosis of esophageal carcinoma cells by targeting Src. Cancer Medicine, 2017, 6, 2957-2965.	1.3	9
2530	MicroRNAs are potential objective and early biomarkers for acute rejection of transplanted limbs in a rat model. Microsurgery, 2017, 37, 930-936.	0.6	5
2531	Design and implementation of a synthetic pre-miR switch for controlling miRNA biogenesis in mammals. Nucleic Acids Research, 2017, 45, e181-e181.	6.5	15
2532	miR-30c-5p regulates macrophage-mediated inflammation and pro-atherosclerosis pathways. Cardiovascular Research, 2017, 113, 1627-1638.	1.8	62
2533	Regulation of spindle and kinetochoreâ€associated protein 1 by antitumor <i>miRâ€10aâ€5p</i> in renal cell carcinoma. Cancer Science, 2017, 108, 2088-2101.	1.7	49
2534	Targeting miR-423-5p Reverses Exercise Trainingâ€Induced HCN4 Channel Remodeling and Sinus Bradycardia. Circulation Research, 2017, 121, 1058-1068.	2.0	76
2535	The expression, induction and pharmacological activity of CYP1A2 are post-transcriptionally regulated by microRNA hsa-miR-132-5p. Biochemical Pharmacology, 2017, 145, 178-191.	2.0	41
2536	An Ago2-associated capped transcriptional start site small RNA suppresses adenovirus DNA replication. Rna, 2017, 23, 1700-1711.	1.6	6
2537	Epigenetic Silencing of miRNA-34a in Human Cholangiocarcinoma via EZH2 and DNA Methylation. American Journal of Pathology, 2017, 187, 2288-2299.	1.9	62
2538	Peroxisome Proliferator-Activated Receptor Gamma in Obesity and Colorectal Cancer: the Role of Epigenetics. Scientific Reports, 2017, 7, 10714.	1.6	61
2539	A Concise Review of MicroRNA Exploring the Insights of MicroRNA Regulations in Bacterial, Viral and Metabolic Diseases. Molecular Biotechnology, 2017, 59, 518-529.	1.3	16
2540	Various levels of circulating exosomal total-miRNA and miR-210 hypoxamiR in different forms of pregnancy hypertension. Pregnancy Hypertension, 2017, 10, 207-212.	0.6	60
2541	Determining causal miRNAs and their signaling cascade in diseases using an influence diffusion model. Scientific Reports, 2017, 7, 8133.	1.6	14

#	ARTICLE	IF	CITATIONS
2542	Analysis of the miR-34 family functions in breast cancer reveals annotation error of miR-34b. <i>Scientific Reports</i> , 2017, 7, 9655.	1.6	31
2543	The role of the miR-148/152 family in physiology and disease. <i>European Journal of Immunology</i> , 2017, 47, 2026-2038.	1.6	87
2544	Circulating microRNAs in breast cancer: novel diagnostic and prognostic biomarkers. <i>Cell Death and Disease</i> , 2017, 8, e3045-e3045.	2.7	291
2545	MicroRNA-27a suppression of peroxisome proliferator-activated receptor β contributes to cognitive impairments resulting from sevoflurane treatment. <i>Journal of Neurochemistry</i> , 2017, 143, 306-319.	2.1	37
2546	Depleted tumor suppressor miR-107 in plasma relates to tumor progression and is a novel therapeutic target in pancreatic cancer. <i>Scientific Reports</i> , 2017, 7, 5708.	1.6	49
2547	microRNA-206 modulates an Rtn4a/Cxcr4a/Thbs3a axis in newly forming somites to maintain and stabilize the somite boundary formation of zebrafish embryos. <i>Open Biology</i> , 2017, 7, 170009.	1.5	10
2548	In-silico cardiac aging regulatory model including microRNA post-transcriptional regulation. <i>Methods</i> , 2017, 124, 57-68.	1.9	4
2549	Exploring the mitochondrial microRNA import pathway through Polynucleotide Phosphorylase (PNPase). <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 110, 15-25.	0.9	60
2550	MicroRNAs in Atrial Fibrillation: from Expression Signatures to Functional Implications. <i>Cardiovascular Drugs and Therapy</i> , 2017, 31, 345-365.	1.3	81
2551	Improving the Quality of Positive Datasets for the Establishment of Machine Learning Models for pre-microRNA Detection. <i>Journal of Integrative Bioinformatics</i> , 2017, 14, .	1.0	2
2552	Tiny But Mighty: Promising Roles of MicroRNAs in the Diagnosis and Treatment of Parkinson's Disease. <i>Neuroscience Bulletin</i> , 2017, 33, 543-551.	1.5	29
2553	Mother's Pre-pregnancy BMI and Placental Candidate miRNAs: Findings from the ENVIRONAGE Birth Cohort. <i>Scientific Reports</i> , 2017, 7, 5548.	1.6	22
2554	Upregulation of microRNA-135b and microRNA-182 promotes chemoresistance of colorectal cancer by targeting ST6GALNAC2 via PI3K/AKT pathway. <i>Molecular Carcinogenesis</i> , 2017, 56, 2669-2680.	1.3	73
2555	Switches in Dicer Activity During Oogenesis and Early Development. <i>Results and Problems in Cell Differentiation</i> , 2017, 63, 325-351.	0.2	0
2556	Significant inhibition of Tembusu virus envelope and NS5 gene using an adenovirus-mediated short hairpin RNA delivery system. <i>Infection, Genetics and Evolution</i> , 2017, 54, 387-396.	1.0	8
2557	Suppression of microRNA-142-5p attenuates hypoxia-induced apoptosis through targeting SIRT7. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 394-401.	2.5	20
2558	MicroRNA-212 inhibits oligodendrocytes during maturation by downregulation of differentiation-associated gene expression. <i>Journal of Neurochemistry</i> , 2017, 143, 112-125.	2.1	28
2559	Passenger strand of miR-145-3p acts as a tumor-suppressor by targeting MYO1B in head and neck squamous cell carcinoma. <i>International Journal of Oncology</i> , 2018, 52, 166-178.	1.4	41

#	ARTICLE	IF	CITATIONS
2560	Prognostic value of combined and individual expression of microRNA-1290 and its target gene nuclear factor I/X in human esophageal squamous cell carcinoma. <i>Cancer Biomarkers</i> , 2017, 20, 325-331.	0.8	10
2561	Endotoxin Effects on Cardiac and Renal Functions and Cardiorenal Syndromes. <i>Blood Purification</i> , 2017, 44, 314-326.	0.9	22
2562	Effect of high-fat diet on secreted milk transcriptome in midlactation mice. <i>Physiological Genomics</i> , 2017, 49, 747-762.	1.0	37
2563	An Overview of Ribonuclease Repertoire and RNA Processing Pathways in Archaea. <i>Nucleic Acids and Molecular Biology</i> , 2017, , 89-114.	0.2	1
2564	MicroRNAâ€target cross-talks: Key players in glioblastoma multiforme. <i>Tumor Biology</i> , 2017, 39, 101042831772684.	0.8	35
2565	Post-transcriptional regulation of ERBB2 by miR26a/b and HuR confers resistance to tamoxifen in estrogen receptor-positive breast cancer cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 13551-13564.	1.6	34
2566	Nuclear phosphorylated Dicer processes double-stranded RNA in response to DNA damage. <i>Journal of Cell Biology</i> , 2017, 216, 2373-2389.	2.3	73
2567	Roles of Non-coding RNAs in Respiratory Syncytial Virus (RSV) Infection. <i>Current Topics in Microbiology and Immunology</i> , 2017, 419, 215-241.	0.7	0
2568	Identification and comparative analysis of microRNAs in <i>Pinus massoniana</i> infected by <i>Bursaphelenchus xylophilus</i> . <i>Plant Growth Regulation</i> , 2017, 83, 223-232.	1.8	14
2569	Implication of microRNAs in the development and potential treatment of radiation-induced heart disease. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 1236-1244.	0.7	22
2570	MicroRNA-195 inhibits the behavior of cervical cancer tumors by directly targeting HDGF. <i>Oncology Letters</i> , 2017, 14, 767-775.	0.8	35
2571	PD-1/PD-L1 as a prognostic factor in leukemia. <i>Journal of Hematopathology</i> , 2017, 10, 17-24.	0.2	17
2572	MicroRNA-26a inhibits the growth and invasiveness of malignant melanoma and directly targets on MITF gene. <i>Cell Death Discovery</i> , 2017, 3, 17028.	2.0	36
2573	Macrophage deficiency of miRâ€21 promotes apoptosis, plaque necrosis, and vascular inflammation during atherogenesis. <i>EMBO Molecular Medicine</i> , 2017, 9, 1244-1262.	3.3	155
2574	Re-evaluating Strategies to Define the Immunoregulatory Roles of miRNAs. <i>Trends in Immunology</i> , 2017, 38, 558-566.	2.9	14
2575	Genetic Tools for Self-Organizing Culture of Mouse Embryonic Stem Cells via Small Regulatory RNA-Mediated Technologies, CRISPR/Cas9, and Inducible RNAi. <i>Methods in Molecular Biology</i> , 2017, 1622, 269-292.	0.4	1
2576	Detection and comparison of microRNAs in the caprine mammary gland tissues of colostrum and common milk stages. <i>BMC Genetics</i> , 2017, 18, 38.	2.7	60
2577	Urinary sediment miRNAs reflect tubulointerstitial damage and therapeutic response in IgA nephropathy. <i>BMC Nephrology</i> , 2017, 18, 63.	0.8	27

#	ARTICLE	IF	CITATIONS
2578	Resveratrol and pterostilbene as a microRNA-mediated chemopreventive and therapeutic strategy in prostate cancer. <i>Annals of the New York Academy of Sciences</i> , 2017, 1403, 15-26.	1.8	44
2579	Potential relevance of microRNAs in inter-species epigenetic communication, and implications for disease pathogenesis. <i>RNA Biology</i> , 2017, 14, 391-401.	1.5	43
2580	MiRNA Biogenesis and Regulation of Diseases: An Overview. <i>Methods in Molecular Biology</i> , 2017, 1509, 1-10.	0.4	505
2581	RiboCAT: a new capillary electrophoresis data analysis tool for nucleic acid probing. <i>Rna</i> , 2017, 23, 240-249.	1.6	23
2582	Circulating microRNA as a Novel Biomarker for Pulmonary Arterial Hypertension Due to Congenital Heart Disease. <i>Pediatric Cardiology</i> , 2017, 38, 86-94.	0.6	38
2583	Up-regulation of microRNA-491-5p suppresses cell proliferation and promotes apoptosis by targeting FOXP4 in human osteosarcoma. <i>Cell Proliferation</i> , 2017, 50, .	2.4	51
2584	A genetic variant in miRNA binding site of glutamate receptor 4, metabotropic (GRM4) is associated with increased risk of major depressive disorder. <i>Journal of Affective Disorders</i> , 2017, 208, 218-222.	2.0	25
2585	Clinical potential of oligonucleotide-based therapeutics in the respiratory system. , 2017, 169, 83-103.		25
2586	Identification and characterization of microRNAs in the screwworm flies <i>Cochliomyia hominivorax</i> and <i>Cochliomyia macellaria</i> (Diptera: Calliphoridae). <i>Insect Molecular Biology</i> , 2017, 26, 46-57.	1.0	4
2587	Increasing the miR-126 expression in the peripheral blood of patients with diabetic foot ulcers treated with maggot debridement therapy. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 241-244.	1.2	27
2588	MicroRNAs in non-small cell lung cancer and idiopathic pulmonary fibrosis. <i>Journal of Human Genetics</i> , 2017, 62, 57-65.	1.1	70
2589	microRNA profiling in atherosclerosis, diabetes, and migraine. <i>Annals of Medicine</i> , 2017, 49, 93-105.	1.5	47
2590	Association between IRAK1 rs3027898 and miRNA-499 rs3746444 polymorphisms and rheumatoid arthritis. <i>Zeitschrift Fur Rheumatologie</i> , 2017, 76, 622-629.	0.5	22
2591	Regulatory roles of microRNAs in human dental tissues. <i>Gene</i> , 2017, 596, 9-18.	1.0	51
2592	Understanding the core of RNA interference: The dynamic aspects of Argonaute-mediated processes. <i>Progress in Biophysics and Molecular Biology</i> , 2017, 128, 39-46.	1.4	16
2593	POSTAR: a platform for exploring post-transcriptional regulation coordinated by RNA-binding proteins. <i>Nucleic Acids Research</i> , 2017, 45, D104-D114.	6.5	115
2594	MicroRNAs in a hypertrophic heart: from foetal life to adulthood. <i>Biological Reviews</i> , 2017, 92, 1314-1331.	4.7	8
2595	Stat3 and C/EBP β synergize to induce miR-21 and miR-181b expression during sepsis. <i>Immunology and Cell Biology</i> , 2017, 95, 42-55.	1.0	55

#	ARTICLE	IF	CITATIONS
2596	MicroRNA-136 inhibits cancer stem cell activity and enhances the anti-tumor effect of paclitaxel against chemoresistant ovarian cancer cells by targeting Notch3. <i>Cancer Letters</i> , 2017, 386, 168-178.	3.2	99
2597	Current progress on microRNAs-based therapeutics in neurodegenerative diseases. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017, 8, e1409.	3.2	26
2598	MiR-137: an important player in neural development and neoplastic transformation. <i>Molecular Psychiatry</i> , 2017, 22, 44-55.	4.1	152
2599	The Role of MicroRNA and LncRNA-MicroRNA Interactions in Regulating Ischemic Heart Disease. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2017, 22, 105-111.	1.0	34
2600	miR-27a promotes proliferation, migration, and invasion of colorectal cancer by targeting FAM172A and acts as a diagnostic and prognostic biomarker. <i>Oncology Reports</i> , 2017, 37, 3554-3564.	1.2	24
2601	MicroRNA-520a suppresses the proliferation and mitosis of HaCaT cells by inactivating protein kinase B. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 6207-6212.	0.8	6
2602	Characterization of methylthioadenosin phosphorylase (MTAP) expression in colorectal cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 46, 1-6.	1.9	10
2603	MicroRNA-486-5p suppresses TGF- β 2-induced proliferation, invasion and epithelial-mesenchymal transition of lens epithelial cells by targeting Smad2. <i>Journal of Biosciences</i> , 2017, 42, 575-584.	0.5	30
2604	Long non-coding RNA H19 regulates E2F1 expression by competitively sponging endogenous miR-29a-3p in clear cell renal cell carcinoma. <i>Cell and Bioscience</i> , 2017, 7, 65.	2.1	55
2605	microRNA-99a Reduces Lipopolysaccharide-Induced Oxidative Injury by Activating Notch Pathway in H9c2 Cells. <i>International Heart Journal</i> , 2017, 58, 422-427.	0.5	20
2606	MicroRNA-101 downregulation increases C-Fos expression and contributes to the pathogenesis of non-small cell lung cancer. <i>Biyokimya Dergisi</i> , 2017, 42, 519-525.	0.1	0
2607	Radiation induced transcriptional and post-transcriptional regulation of the hsa-miR-23a ~ 27a ~ 24-2 cluster suppresses apoptosis by stabilizing XIAP. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 1127-1137.	0.9	13
2608	MicroRNA-455-3p promotes invasion and migration in triple negative breast cancer by targeting tumor suppressor E124. <i>Oncotarget</i> , 2017, 8, 19455-19466.	0.8	68
2609	Mitochondrial noncoding RNA transport. <i>BMB Reports</i> , 2017, 50, 164-174.	1.1	49
2610	The Importance of Endophenotypes to Evaluate the Relationship between Genotype and External Phenotype. <i>International Journal of Molecular Sciences</i> , 2017, 18, 472.	1.8	23
2611	Dose-Response of High-Intensity Training (HIT) on Atheroprotective miRNA-126 Levels. <i>Frontiers in Physiology</i> , 2017, 8, 349.	1.3	31
2612	Long Distance Metabolic Regulation through Adipose-Derived Circulating Exosomal miRNAs: A Trail for RNA-Based Therapies?. <i>Frontiers in Physiology</i> , 2017, 8, 545.	1.3	43
2613	Molecular Mechanisms and Pathways as Targets for Cancer Prevention and Progression with Dietary Compounds. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2050.	1.8	58

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2614	Leaf Physiological and Proteomic Analysis to Elucidate Silicon Induced Adaptive Response under Salt Stress in <i>Rosa hybrida</i> "Rock Fire". <i>International Journal of Molecular Sciences</i> , 2017, 18, 1768.	1.8	27
2615	MicroRNAs in Kidney Function and Disease. , 2017, , 39-53.		1
2616	Clinical Application of MicroRNAs in Liver Diseases. , 2017, , 93-133.		0
2617	Vesiculated Long Non-Coding RNAs: Offshore Packages Deciphering Trans-Regulation between Cells, Cancer Progression and Resistance to Therapies. <i>Non-coding RNA</i> , 2017, 3, 10.	1.3	115
2618	Downregulation of miR-200c protects cardiomyocytes from hypoxia-induced apoptosis by targeting GATA-4. <i>International Journal of Molecular Medicine</i> , 2017, 39, 1589-1596.	1.8	19
2619	Crosstalk Between Non-Coding RNAs and the Epigenome in Development. , 2017, , 211-234.		2
2620	MicroRNAs and Cocaine. , 2017, , 97-105.		0
2621	Non-coding RNAs in Mesenchymal Stem Cell-Derived Extracellular Vesicles: Deciphering Regulatory Roles in Stem Cell Potency, Inflammatory Resolve, and Tissue Regeneration. <i>Frontiers in Genetics</i> , 2017, 8, 161.	1.1	90
2622	Radiation-Induced Changes of microRNA Expression Profiles in Radiosensitive and Radioresistant Leukemia Cell Lines with Different Levels of Chromosome Abnormalities. <i>Cancers</i> , 2017, 9, 136.	1.7	7
2623	Micropathogen Community Analysis in <i>Hyalomma rufipes</i> via High-Throughput Sequencing of Small RNAs. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 374.	1.8	8
2624	Splenic microRNA Expression Profiles and Integration Analyses Involved in Host Responses to <i>Salmonella enteritidis</i> Infection in Chickens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 377.	1.8	29
2625	Urinary Exosomes and Their Cargo: Potential Biomarkers for Mineralocorticoid Arterial Hypertension?. <i>Frontiers in Endocrinology</i> , 2017, 8, 230.	1.5	36
2626	microRNAs in the Lymphatic Endothelium: Master Regulators of Lineage Plasticity and Inflammation. <i>Frontiers in Immunology</i> , 2017, 8, 104.	2.2	7
2627	Downregulation of MicroRNA-193b-3p Promotes Autophagy and Cell Survival by Targeting TSC1/mTOR Signaling in NSC-34 Cells. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 160.	1.4	37
2628	Epithelial-to-Mesenchymal Transition in the Female Reproductive Tract: From Normal Functioning to Disease Pathology. <i>Frontiers in Oncology</i> , 2017, 7, 145.	1.3	99
2629	MicroRNAs in DNA Damage Response, Carcinogenesis, and Chemoresistance. <i>International Review of Cell and Molecular Biology</i> , 2017, 333, 1-49.	1.6	18
2630	Construction of an miRNA-Regulated Pathway Network Reveals Candidate Biomarkers for Postmenopausal Osteoporosis. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-9.	0.7	14
2631	Coordinated Actions of MicroRNAs with other Epigenetic Factors Regulate Skeletal Muscle Development and Adaptation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 840.	1.8	65

#	ARTICLE	IF	CITATIONS
2632	Recent Advances on the Role of microRNAs in both Insulin Resistance and Cancer. <i>Current Pharmaceutical Design</i> , 2017, 23, 3658-3666.	0.9	17
2633	miR-202 functions as a tumor suppressor in non-small cell lung cancer by targeting STAT3. <i>Molecular Medicine Reports</i> , 2017, 16, 2281-2289.	1.1	32
2634	MicroRNA 155-deficiency leads to decreased autoantibody levels and reduced severity of nephritis and pneumonitis in pristane-induced lupus. <i>PLoS ONE</i> , 2017, 12, e0181015.	1.1	30
2635	Role of the long non-coding RNA PVT1 in the dysregulation of the ceRNA-ceRNA network in human breast cancer. <i>PLoS ONE</i> , 2017, 12, e0171661.	1.1	92
2636	MicroRNA profiling of human primary macrophages exposed to dengue virus identifies miRNA-3614-5p as antiviral and regulator of ADAR1 expression. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005981.	1.3	43
2637	Integrative microRNA and mRNA deep-sequencing expression profiling in endemic Burkitt lymphoma. <i>BMC Cancer</i> , 2017, 17, 761.	1.1	22
2638	Elucidating the role of highly homologous <i>Nicotiana benthamiana</i> ubiquitin E2 gene family members in plant immunity through an improved virus-induced gene silencing approach. <i>Plant Methods</i> , 2017, 13, 59.	1.9	21
2639	Control of Embryonic Gene Expression and Epigenetics. , 2017, , .		1
2640	Non-Coding RNA Roles in Ruminant Mammary Gland Development and Lactation. , 2017, , .		9
2641	MicroRNA expression profiling in canine prostate cancer. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 719-725.	0.3	25
2642	MicroRNA-326 inhibits melanoma progression by targeting KRAS and suppressing the AKT and ERK signalling pathways. <i>Oncology Reports</i> , 2018, 39, 401-410.	1.2	26
2643	Let-7c-5p inhibits cell proliferation and induces cell apoptosis by targeting ERCC6 in breast cancer. <i>Oncology Reports</i> , 2017, 38, 1851-1856.	1.2	50
2644	5â€²-UTR and 3â€²-UTR Regulation of MICB Expression in Human Cancer Cells by Novel microRNAs. <i>Genes</i> , 2017, 8, 213.	1.0	20
2645	The role of miRNA and lncRNA in gastric cancer. <i>Oncotarget</i> , 2017, 8, 81572-81582.	0.8	189
2646	Role of MicroRNAs in Rheumatoid Arthritis. , 0, , .		3
2647	Role of microRNAs in translation regulation and cancer. <i>World Journal of Biological Chemistry</i> , 2017, 8, 45.	1.7	323
2648	Sleep, Synaptic Plasticity, and Memory. , 2017, , 539-562.		0
2649	MicroRNA biogenesis: Epigenetic modifications as another layer of complexity to the microRNA expression regulation. <i>Acta Biochimica Polonica</i> , 2017, 63, 717-723.	0.3	25

#	ARTICLE	IF	CITATIONS
2650	The Role of MicroRNA in Pathogenesis and as Markers of HCV Chronic Infection. <i>Current Drug Targets</i> , 2017, 18, 756-765.	1.0	18
2651	MicroRNA Biomarkers in Neurodegenerative Diseases and Emerging Nano-Sensors Technology. <i>Journal of Movement Disorders</i> , 2017, 10, 18-28.	0.7	23
2652	Serum microRNAs in buffalo cows: Potential biomarkers of pregnancy. <i>Research in Veterinary Science</i> , 2017, 115, 294-300.	0.9	14
2653	About miRNAs, miRNA seeds, target genes and target pathways. <i>Oncotarget</i> , 2017, 8, 107167-107175.	0.8	115
2654	MicroRNA-584-3p reduces the vasculogenic mimicry of human glioma cells by regulating hypoxia-induced ROCK1 dependent stress fiber formation. <i>Neoplasia</i> , 2017, 64, 13-21.	0.7	21
2655	Mapping circulating serum miRNAs to their immune-related target mRNAs. <i>Advances and Applications in Bioinformatics and Chemistry</i> , 2017, Volume 10, 1-9.	1.6	4
2656	SREBP ϵ 2 expression pattern contributes to susceptibility of Mongolian gerbils to hypercholesterolemia. <i>Molecular Medicine Reports</i> , 2017, 17, 3288-3296.	1.1	2
2657	Adenoid cystic carcinomas of the salivary gland, lacrimal gland, and breast are morphologically and genetically similar but have distinct microRNA expression profiles. <i>Modern Pathology</i> , 2018, 31, 1211-1225.	2.9	33
2658	Comprehensive Measurement of Gene Silencing Involving Endogenous MicroRNAs in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2018, 1733, 181-192.	0.4	1
2659	Inhibition of miR-219 Alleviates Arsenic-Induced Learning and Memory Impairments and Synaptic Damage Through Up-regulating CaMKII in the Hippocampus. <i>Neurochemical Research</i> , 2018, 43, 948-958.	1.6	19
2660	MicroRNA degradation by a conserved target RNA regulates animal behavior. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 244-251.	3.6	149
2661	Quantitative Models for Microscopic to Macroscopic Biological Macromolecules and Tissues. , 2018, , .		3
2662	MicroRNAs link chronic inflammation in childhood to growth impairment and insulin-resistance. <i>Cytokine and Growth Factor Reviews</i> , 2018, 39, 1-18.	3.2	24
2663	Hypothalamic epigenetics driving female puberty. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12589.	1.2	41
2664	The Long Intergenic Noncoding RNA 00707 Promotes Lung Adenocarcinoma Cell Proliferation and Migration by Regulating Cdc42. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 1566-1580.	1.1	41
2665	MicroRNAs, Gene ϵ ™s Regulator in Prostate Cancer. , 2018, , 21-36.		0
2666	Comparative transcriptome analysis to investigate the potential role of miRNAs in milk protein/fat quality. <i>Scientific Reports</i> , 2018, 8, 6250.	1.6	17
2667	miR-98-5p contributes to cisplatin resistance in epithelial ovarian cancer by suppressing miR-152 biogenesis via targeting Dicer1. <i>Cell Death and Disease</i> , 2018, 9, 447.	2.7	72

#	ARTICLE	IF	CITATIONS
2668	Insights into the etiology-associated gene regulatory networks in hepatocellular carcinoma from The Cancer Genome Atlas. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018, 33, 2037-2047.	1.4	13
2669	Analysis of microRNA and modified oligonucleotides with the use of ultra high performance liquid chromatography coupled with mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1554, 71-80.	1.8	11
2670	Peripheral artery disease: a micro-RNA-related condition?. <i>Current Opinion in Pharmacology</i> , 2018, 39, 105-112.	1.7	23
2671	Sex Differences and Estrous Cycle Changes in Synaptic Plasticity-related microRNA in the Rat Medial Amygdala. <i>Neuroscience</i> , 2018, 379, 405-414.	1.1	13
2672	Cryo-EM Structure of Human Dicer and Its Complexes with a Pre-miRNA Substrate. <i>Cell</i> , 2018, 173, 1191-1203.e12.	13.5	117
2673	miR-216a-5p acts as an oncogene in renal cell carcinoma. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 4039-4046.	0.8	18
2674	Long non-coding RNA CHRF facilitates cardiac hypertrophy through regulating Akt3 via miR-93. <i>Cardiovascular Pathology</i> , 2018, 35, 29-36.	0.7	41
2675	miR-223-RhoB signaling pathway regulates the proliferation and apoptosis of colon adenocarcinoma. <i>Chemico-Biological Interactions</i> , 2018, 289, 9-14.	1.7	16
2676	Stable miRNA overexpression in human CAP cells: Engineering alternative production systems for advanced manufacturing of biologics using miR-136 and miR-3074. <i>Biotechnology and Bioengineering</i> , 2018, 115, 2027-2038.	1.7	9
2677	miR-548k regulates CXCL13 expression in myasthenia gravis patients with thymic hyperplasia and in Jurkat cells. <i>Journal of Neuroimmunology</i> , 2018, 320, 125-132.	1.1	16
2678	Defining the rhesus macaque placental miRNAome: Conservation of expression of placental miRNA clusters between the macaque and human. <i>Placenta</i> , 2018, 65, 55-64.	0.7	13
2680	Regulation of <i>NCAPG</i> by <i>miR-99a-3p</i> (passenger strand) inhibits cancer cell aggressiveness and is involved in <i>CRPC</i> . <i>Cancer Medicine</i> , 2018, 7, 1988-2002.	1.3	67
2681	MicroRNA-411 Downregulation Enhances Tumor Growth by Upregulating MLLT11 Expression in Human Bladder Cancer. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 11, 312-322.	2.3	39
2682	Diagnostic and prognostic implications of serum miR-101 in osteosarcoma. <i>Cancer Biomarkers</i> , 2018, 22, 127-133.	0.8	35
2684	Smooth muscle cells differentiated from mesenchymal stem cells are regulated by microRNAs and suitable for vascular tissue grafts. <i>Journal of Biological Chemistry</i> , 2018, 293, 8089-8102.	1.6	58
2685	Strong conservation of inbred mouse strain microRNA loci but broad variation in brain microRNAs due to RNA editing and isomiR expression. <i>Rna</i> , 2018, 24, 643-655.	1.6	14
2686	miR144-3p inhibits PMVECs excessive proliferation in angiogenesis of hepatopulmonary syndrome via Tie2. <i>Experimental Cell Research</i> , 2018, 365, 24-32.	1.2	11
2687	MiRNA-513a-5p inhibits progesterone receptor expression and constitutes a risk factor for breast cancer: the hormone and Diet in the Etiology of breast cancer prospective study. <i>Carcinogenesis</i> , 2018, 39, 98-108.	1.3	29

#	ARTICLE	IF	CITATIONS
2688	Effects of Yangzheng Sanjie Decoction-containing serum mediated by microRNA-7 on cell proliferation and apoptosis in gastric cancer. <i>Oncology Letters</i> , 2018, 15, 3621-3629.	0.8	8
2689	Strand Displacement Amplification Reaction on Quantum Dot-Encoded Silica Bead for Visual Detection of Multiplex MicroRNAs. <i>Analytical Chemistry</i> , 2018, 90, 3482-3489.	3.2	51
2690	Characterization of Conserved and Novel microRNAs in <i>Lilium lancifolium</i> Thunb. by High-Throughput Sequencing. <i>Scientific Reports</i> , 2018, 8, 2880.	1.6	8
2691	Protecting and Diversifying the Germline. <i>Genetics</i> , 2018, 208, 435-471.	1.2	33
2692	Protein arginine methyltransferase 7-mediated microRNA-221 repression maintains Oct4, Nanog, and Sox2 levels in mouse embryonic stem cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 3925-3936.	1.6	19
2693	Deregulation of microRNA-155 and its transcription factor NF- κ B by polychlorinated biphenyls during viral infections. <i>Apmis</i> , 2018, 126, 234-240.	0.9	14
2694	Epigenetic changes and their implications in autoimmune hepatitis. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12899.	1.7	30
2695	Extracellular RNAs: A New Awareness of Old Perspectives. <i>Methods in Molecular Biology</i> , 2018, 1740, 1-15.	0.4	60
2696	miRNAs as Potential Treatment Targets and Treatment Options in Cancer. <i>Molecular Diagnosis and Therapy</i> , 2018, 22, 157-168.	1.6	45
2697	Plasma exosomes as novel biomarker for the early diagnosis of gastric cancer. <i>Cancer Biomarkers</i> , 2018, 21, 805-812.	0.8	43
2698	Baicalin inhibits PDGF-BB-induced hepatic stellate cell proliferation, apoptosis, invasion, migration and activation via the miR-3595/ACSL4 axis. <i>International Journal of Molecular Medicine</i> , 2018, 41, 1992-2002.	1.8	49
2699	miR-145 overexpression triggers alteration of the whole transcriptome and inhibits breast cancer development. <i>Biomedicine and Pharmacotherapy</i> , 2018, 100, 72-82.	2.5	34
2700	CRISPR-Cas9: a promising genetic engineering approach in cancer research. <i>Therapeutic Advances in Medical Oncology</i> , 2018, 10, 175883401875508.	1.4	31
2701	Statins differentially modulate microRNAs expression in peripheral cells of hyperlipidemic subjects: A pilot study. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 55-61.	1.9	22
2702	MicroRNA Protocols. <i>Methods in Molecular Biology</i> , 2018, . .	0.4	4
2703	Down-regulation of miRNA-320c promotes tumor growth and metastasis and predicts poor prognosis in human glioma. <i>Brain Research Bulletin</i> , 2018, 139, 125-132.	1.4	17
2704	Expression of microRNAs in the ascites of patients with peritoneal carcinomatosis and peritonitis. <i>Cancer Cytopathology</i> , 2018, 126, 353-363.	1.4	13
2705	Role of Complex Epigenetic Switching in Tumor Necrosis Factor- β Upregulation in the Prefrontal Cortex of Suicide Subjects. <i>American Journal of Psychiatry</i> , 2018, 175, 262-274.	4.0	80

#	ARTICLE	IF	CITATIONS
2706	A comparative study on the effects of high-fat diet and endurance training on the PGC-1 β -FNDC5/irisin pathway in obese and nonobese male C57BL/6 mice. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 651-662.	0.9	32
2707	LncRNA DANCR contributes to lung adenocarcinoma progression by sponging miR-496 to modulate mTOR expression. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1527-1537.	1.6	67
2708	microRNA regulation in an ancient obligate endosymbiosis. <i>Molecular Ecology</i> , 2018, 27, 1777-1793.	2.0	25
2709	Highly robust, uniform and ultra-sensitive surface-enhanced Raman scattering substrates for microRNA detection fabricated by using silver nanostructures grown in gold nanobowls. <i>Nanoscale</i> , 2018, 10, 3680-3687.	2.8	53
2710	Bcl-2 Antiapoptotic Family Proteins and Chemoresistance in Cancer. <i>Advances in Cancer Research</i> , 2018, 137, 37-75.	1.9	153
2711	miR-25 Tough Decoy Enhances Cardiac Function in Heart Failure. <i>Molecular Therapy</i> , 2018, 26, 718-729.	3.7	35
2712	A Cellular MicroRNA Facilitates Regulatory T Lymphocyte Development by Targeting the FOXP3 Promoter TATA-Box Motif. <i>Journal of Immunology</i> , 2018, 200, 1053-1063.	0.4	34
2713	miRNA delivery for skin wound healing. <i>Advanced Drug Delivery Reviews</i> , 2018, 129, 308-318.	6.6	94
2714	Mechanisms of the Binding/Dissociation Acceleration of the Target-Guide Interaction by Thermus thermophilus Argonaute. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 167-173.	1.0	5
2715	MiRNA-mRNA crosstalk in laryngeal squamous cell carcinoma based on the TCGA database. <i>European Archives of Oto-Rhino-Laryngology</i> , 2018, 275, 751-759.	0.8	10
2716	Circulating microRNAs as potential biomarkers of disease activity and structural damage in ankylosing spondylitis patients. <i>Human Molecular Genetics</i> , 2018, 27, 875-890.	1.4	58
2717	miR-3120-5p promotes colon cancer stem cell stemness and invasiveness through targeting Axin2. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 302-308.	1.0	21
2718	Glia-to-neuron transfer of miRNAs via extracellular vesicles: a new mechanism underlying inflammation-induced synaptic alterations. <i>Acta Neuropathologica</i> , 2018, 135, 529-550.	3.9	196
2719	The role of microRNAs in glucocorticoid action. <i>Journal of Biological Chemistry</i> , 2018, 293, 1865-1874.	1.6	53
2720	Novel role of forkhead box O 4 transcription factor in cancer: Bringing out the good or the bad. <i>Seminars in Cancer Biology</i> , 2018, 50, 1-12.	4.3	38
2721	Epigenetic Mechanisms of Blood-Pressure Regulation. <i>Molecular Biology</i> , 2018, 52, 151-164.	0.4	2
2722	Possible relationship between fibrosis of IgG4-related thymitis and the profibrotic cytokines, transforming growth factor beta 1, interleukin 1 beta and interferon gamma: a case report. <i>Diagnostic Pathology</i> , 2018, 13, 6.	0.9	8
2723	Upregulation of LncRNA FEZF-AS1 is associated with advanced clinical stages and family history of cancer in patients with NSCLC. <i>Pathology Research and Practice</i> , 2018, 214, 857-861.	1.0	14

#	ARTICLE	IF	CITATIONS
2724	Epigenetics and Its Applications to the Progression Model of Pancreatic Cancer. , 2018, , 177-208.		0
2725	Long non-coding RNAs: crucial regulators of gastrointestinal cancer cell proliferation. <i>Cell Death Discovery</i> , 2018, 4, 50.	2.0	37
2726	MicroRNA-17-92 is required for T-cell and B-cell pathogenicity in chronic graft-versus-host disease in mice. <i>Blood</i> , 2018, 131, 1974-1986.	0.6	51
2727	Dual strands of the miR-223 duplex (miR-223-5p and miR-223-3p) inhibit cancer cell aggressiveness: targeted genes are involved in bladder cancer pathogenesis. <i>Journal of Human Genetics</i> , 2018, 63, 657-668.	1.1	42
2728	A miR-29b Byproduct Sequence Exhibits Potent Tumor-Suppressive Activities via Inhibition of NF- κ B Signaling in <i>KRAS</i> -Mutant Colon Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 977-987.	1.9	33
2729	miR-133b-5p contributes to hypoxic preconditioning-mediated cardioprotection by inhibiting the activation of caspase-8 and caspase-3 in cardiomyocytes. <i>Molecular Medicine Reports</i> , 2018, 17, 7097-7104.	1.1	19
2730	MiR-422a targets MAPKK6 and regulates cell growth and apoptosis in colorectal cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 832-840.	2.5	17
2731	Imaging of conditional gene silencing in vivo using a bioluminescence-based method with thermo-inducible microRNAs. <i>Scientific Reports</i> , 2018, 8, 4694.	1.6	1
2732	MicroRNAs in endothelial cell homeostasis and vascular disease. <i>Current Opinion in Hematology</i> , 2018, 25, 227-236.	1.2	72
2733	NF- κ B inhibition reverses acidic bile-induced miR-21, miR-155, miR-192, miR-34a, miR-375 and miR-451a deregulations in human hypopharyngeal cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2922-2934.	1.6	23
2734	Understanding the molecular mechanisms underlying mood stabilizer treatments in bipolar disorder: Potential involvement of epigenetics. <i>Neuroscience Letters</i> , 2018, 669, 24-31.	1.0	32
2735	Differential microRNA expression in cultured palatal fibroblasts from infants with cleft palate and controls. <i>European Journal of Orthodontics</i> , 2018, 40, 90-96.	1.1	19
2736	Continued 26S proteasome dysfunction in mouse brain cortical neurons impairs autophagy and the Keap1-Nrf2 oxidative defence pathway. <i>Cell Death and Disease</i> , 2018, 8, e2531-e2531.	2.7	35
2737	Maintaining good miRNAs in the body keeps the doctor away?: Perspectives on the relationship between food-derived natural products and microRNAs in relation to exosomes/extracellular vesicles. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700080.	1.5	28
2738	Dioxin induces expression of hsa-miR-146b-5p in human neuroblastoma cells. <i>Journal of Environmental Sciences</i> , 2018, 63, 260-267.	3.2	14
2739	A long way for microRNAs to become meaningful prognostic biomarkers. <i>European Journal of Heart Failure</i> , 2018, 20, 76-77.	2.9	0
2740	RNA processing in the male germline: Mechanisms and implications for fertility. <i>Seminars in Cell and Developmental Biology</i> , 2018, 79, 80-91.	2.3	29
2741	miR-519d Promotes Melanoma Progression by Downregulating EphA4. <i>Cancer Research</i> , 2018, 78, 216-229.	0.4	22

#	ARTICLE	IF	CITATIONS
2742	Functional SNP in microRNAâ€491â€5p binding site of MMP9 3â€2â€UTR affects cancer susceptibility. Journal of Cellular Biochemistry, 2018, 119, 5126-5134.	1.2	37
2743	Posttranscriptional control of airway inflammation. Wiley Interdisciplinary Reviews RNA, 2018, 9, e1455.	3.2	10
2744	microRNA single polynucleotide polymorphism influences on microRNA biogenesis and mRNA target specificity. Gene, 2018, 640, 66-72.	1.0	71
2745	The role of the long nonâ€coding RNA TDRG1 in epithelial ovarian carcinoma tumorigenesis and progression through miRâ€93/RhoC pathway. Molecular Carcinogenesis, 2018, 57, 225-234.	1.3	19
2746	The potential for targeted rewriting of epigenetic marks in COPD as a new therapeutic approach. , 2018, 182, 1-14.		36
2747	Role of noncoding RNAs in regulation of cardiac cell death and cardiovascular diseases. Cellular and Molecular Life Sciences, 2018, 75, 291-300.	2.4	27
2748	Inhibition of retroviral Gag assembly by non-silencing miRNAs promotes autophagic viral degradation. Protein and Cell, 2018, 9, 640-651.	4.8	8
2749	Unraveling the Mechanistic Complexity of the Glomerulocystic Phenotype in <i>Dicer</i> Conditional KO Mice by 2D Gel Electrophoresis Coupled Mass Spectrometry. Proteomics - Clinical Applications, 2018, 12, e1700006.	0.8	3
2750	Biological information systems: Evolution as cognition-based information management. Progress in Biophysics and Molecular Biology, 2018, 134, 1-26.	1.4	53
2751	LNMICC Promotes Nodal Metastasis of Cervical Cancer by Reprogramming Fatty Acid Metabolism. Cancer Research, 2018, 78, 877-890.	0.4	104
2752	Prenatal influences on temperament development: The role of environmental epigenetics. Development and Psychopathology, 2018, 30, 1269-1303.	1.4	110
2753	MicroRNA-30a-3p is overexpressed in the placentas of patients with preeclampsia and affects trophoblast invasion and apoptosis by its effects on IGF-1. American Journal of Obstetrics and Gynecology, 2018, 218, 249.e1-249.e12.	0.7	78
2754	Integration of ENCODE RNAseq and eCLIP Data Sets. Methods in Molecular Biology, 2018, 1720, 111-129.	0.4	5
2755	The inducible microRNA-203 in fish represses the inflammatory responses to Gram-negative bacteria by targeting IL-1 receptor-associated kinase 4. Journal of Biological Chemistry, 2018, 293, 1386-1396.	1.6	56
2757	Therapeutic angiogenesis by local sustained release of microRNA-126 using poly lactic-co-glycolic acid nanoparticles in murine hindlimb ischemia. Journal of Vascular Surgery, 2018, 68, 1209-1215.	0.6	18
2758	MiR-429 regulates the metastasis and EMT of HCC cells through targeting RAB23. Archives of Biochemistry and Biophysics, 2018, 637, 48-55.	1.4	42
2759	Genipin alleviates highâ€fat dietâ€induced hyperlipidemia and hepatic lipid accumulation in mice via miRâ€142aâ€5p/<scp>SREBP</scp>â€1c axis. FEBS Journal, 2018, 285, 501-517.	2.2	52
2760	Posttranscriptional regulation of lipid metabolism by non-coding RNAs and RNA binding proteins. Seminars in Cell and Developmental Biology, 2018, 81, 129-140.	2.3	36

#	ARTICLE	IF	CITATIONS
2761	Cardiosphere-Derived Cells and Ischemic Heart Failure. <i>Cardiology in Review</i> , 2018, 26, 8-21.	0.6	38
2762	Chemoprevention by resveratrol and pterostilbene: Targeting on epigenetic regulation. <i>BioFactors</i> , 2018, 44, 26-35.	2.6	60
2763	miR-30a-5p together with miR-210-3p as a promising biomarker for non-small cell lung cancer: A preliminary study. <i>Cancer Biomarkers</i> , 2018, 21, 479-488.	0.8	35
2764	Role of microRNAs in senescence and its contribution to peripheral neuropathy in the arsenic exposed population of West Bengal, India. <i>Environmental Pollution</i> , 2018, 233, 596-603.	3.7	24
2765	Inhibition of microRNA-210 suppresses pro-inflammatory response and reduces acute brain injury of ischemic stroke in mice. <i>Experimental Neurology</i> , 2018, 300, 41-50.	2.0	94
2766	MicroRNA-195 desensitizes HCT116 human colon cancer cells to 5-fluorouracil. <i>Cancer Letters</i> , 2018, 412, 264-271.	3.2	41
2767	HDAC6 regulates microRNA-27b that suppresses proliferation, promotes apoptosis and target MET in diffuse large B-cell lymphoma. <i>Leukemia</i> , 2018, 32, 703-711.	3.3	49
2768	Grape seed procyanidin extract against lung cancer: the role of microRNA-106b, bioavailability, and bioactivity. <i>Oncotarget</i> , 2018, 9, 15579-15590.	0.8	18
2769	miRNAs as biomarkers and for the early detection of non-small cell lung cancer (NSCLC). <i>Journal of Thoracic Disease</i> , 2018, 10, 3119-3131.	0.6	39
2770	Kernel Soft-neighborhood Network Fusion for MiRNA-Disease Interaction Prediction. , 2018, , .		10
2771	Hypertension exaggerates renovascular resistance via miR-122-associated stress response in aging. <i>Journal of Hypertension</i> , 2018, 36, 2226-2236.	0.3	17
2772	Genome-wide analysis of lncRNAs in 3'-untranslated regions: CR933609 acts as a decoy to protect the INO80D gene. <i>International Journal of Oncology</i> , 2018, 53, 417-433.	1.4	5
2773	Cooperative and Independent Functions of the miR-23a~27a~24-2 Cluster in Bovine Adipocyte Adipogenesis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3957.	1.8	22
2774	Secretomes from Mesenchymal Stem Cells against Acute Kidney Injury: Possible Heterogeneity. <i>Stem Cells International</i> , 2018, 2018, 1-14.	1.2	42
2775	MicroRNAs in Bone Diseases: Progress and Prospects. , 2018, , .		0
2776	Associations between miR-661, miR-1202, lncRNA-HOTAIR, lncRNA-GAS5 and MMP9 in differentiated M2-macrophages of patients with varicose veins. <i>International Angiology</i> , 2018, 37, 451-456.	0.4	10
2777	SCAP/SREBPs are Central Players in Lipid Metabolism and Novel Metabolic Targets in Cancer Therapy. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 484-493.	1.0	96
2778	Transcriptional Landscape of PARs in Epithelial Malignancies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3451.	1.8	10

#	ARTICLE	IF	CITATIONS
2780	A transgenic zebrafish model for in vivo long-term imaging of retinotectal synaptogenesis. <i>Scientific Reports</i> , 2018, 8, 14077.	1.6	7
2782	Role of Long Noncoding RNA 799 in the Metastasis of Cervical Cancer through Upregulation of TBL1XR1 Expression. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 580-589.	2.3	23
2783	Long noncoding RNA AC003092.1 promotes temozolomide chemosensitivity through miR-195/TFPI-2 signaling modulation in glioblastoma. <i>Cell Death and Disease</i> , 2018, 9, 1139.	2.7	69
2784	Regulatory Small and Long Noncoding RNAs in Brite/Brown Adipose Tissue. <i>Handbook of Experimental Pharmacology</i> , 2018, 251, 215-237.	0.9	5
2785	miR-103/miR-195/miR-15b Regulate SALL4 and Inhibit Proliferation and Migration in Glioma. <i>Molecules</i> , 2018, 23, 2938.	1.7	48
2786	Extracting information from RNA SHAPE data: Kalman filtering approach. <i>PLoS ONE</i> , 2018, 13, e0207029.	1.1	7
2787	Noncoding RNAs as therapeutic targets in early stage diabetic kidney disease. <i>Kidney Research and Clinical Practice</i> , 2018, 37, 197-209.	0.9	47
2788	Quantifying post-transcriptional regulation in the development of <i>Drosophila melanogaster</i> . <i>Nature Communications</i> , 2018, 9, 4970.	5.8	63
2789	Tumor-Secreted Exosomal miR-222 Promotes Tumor Progression via Regulating P27 Expression and Re-Localization in Pancreatic Cancer. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 610-629.	1.1	100
2790	Interplay Between Long Noncoding RNAs and MicroRNAs in Cancer. <i>Methods in Molecular Biology</i> , 2018, 1819, 75-92.	0.4	34
2791	Long-Noncoding RNA Colorectal Neoplasia Differentially Expressed Gene as a Potential Target to Upregulate the Expression of IRX5 by miR-136-5P to Promote Oncogenic Properties in Hepatocellular Carcinoma. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 2229-2248.	1.1	31
2792	RNome: Evolution and Nature. , 2018, , 1-78.		0
2793	Polypyrimidine tract-binding protein blocks miRNA-124 biogenesis to enforce its neuronal-specific expression in the mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11061-E11070.	3.3	30
2794	MicroRNA expression in pediatric intracranial ependymomas and their potential value for tumor grading. <i>Oncology Letters</i> , 2019, 17, 1379-1383.	0.8	3
2795	Delivery of miR-146a to Ly6C ^{high} Monocytes Inhibits Pathogenic Bone Erosion in Inflammatory Arthritis. <i>Theranostics</i> , 2018, 8, 5972-5985.	4.6	64
2796	miR-222-3p promotes osteosarcoma cell migration and invasion through targeting TIMP3. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 8643-8653.	1.0	22
2797	microRNAs Sculpt Neuronal Communication in a Tight Balance That Is Lost in Neurological Disease. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 455.	1.4	47
2798	Lifestyle modifications: coordinating the tRNA epitranscriptome with codon bias to adapt translation during stress responses. <i>Genome Biology</i> , 2018, 19, 228.	3.8	61

#	ARTICLE	IF	CITATIONS
2799	miR-141 is up-regulated in biopsies from Vietnamese patients with nasopharyngeal carcinoma. <i>Brazilian Oral Research</i> , 2018, 32, e126.	0.6	6
2800	MicroRNA-126/stromal cell-derived factor 1/C-X-C chemokine receptor type 7 signaling pathway promotes post-stroke angiogenesis of endothelial progenitor cell transplantation. <i>Molecular Medicine Reports</i> , 2018, 17, 5300-5305.	1.1	16
2801	miR-125a-5p ameliorates hepatic glycolipid metabolism disorder in type 2 diabetes mellitus through targeting of STAT3. <i>Theranostics</i> , 2018, 8, 5593-5609.	4.6	99
2802	MiR-20a, a novel promising biomarker to predict prognosis in human cancer: a meta-analysis. <i>BMC Cancer</i> , 2018, 18, 1189.	1.1	12
2803	Serum and Lipoprotein Particle miRNA Profile in Uremia Patients. <i>Genes</i> , 2018, 9, 533.	1.0	16
2804	Inhibition of microRNA-155 attenuates concanavalin-A-induced autoimmune hepatitis by regulating Treg/Th17 cell differentiation. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 1293-1300.	0.7	24
2805	MicroRNA-transcription factor network analysis reveals miRNAs cooperatively suppress RORA in oral squamous cell carcinoma. <i>Oncogenesis</i> , 2018, 7, 79.	2.1	29
2806	A novel class of microRNA-recognition elements that function only within open reading frames. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 1019-1027.	3.6	134
2807	Impact of alterations in X-linked IRAK1 gene and miR-146a on susceptibility and clinical manifestations in patients with systemic sclerosis. <i>Immunology Letters</i> , 2018, 204, 1-8.	1.1	12
2808	Modeling of mesenchymal hybrid epithelial state and phenotypic transitions in EMT and MET processes of cancer cells. <i>Scientific Reports</i> , 2018, 8, 14323.	1.6	29
2809	MicroRNAs and histone deacetylase inhibition-mediated protection against inflammatory β 2-cell damage. <i>PLoS ONE</i> , 2018, 13, e0203713.	1.1	17
2810	Regulation of Sphingolipid Metabolism by MicroRNAs: A Potential Approach to Alleviate Atherosclerosis. <i>Diseases (Basel, Switzerland)</i> , 2018, 6, 82.	1.0	7
2811	CRISPR-Based Editing Reveals Edge-Specific Effects in Biological Networks. <i>CRISPR Journal</i> , 2018, 1, 286-293.	1.4	10
2812	microRNA-572 functions as an oncogene and a potential biomarker for renal cell carcinoma prognosis. <i>Oncology Reports</i> , 2018, 40, 3092-3101.	1.2	13
2813	MicroRNA-451a in extracellular, blood-resident vesicles attenuates macrophage and dendritic cell responses to influenza whole-virus vaccine. <i>Journal of Biological Chemistry</i> , 2018, 293, 18585-18600.	1.6	35
2814	Identification of a Rare Germline Heterozygous Deletion Involving the Polycistronic miR-17-92 Cluster in Two First-Degree Relatives from a BRCA 1/2 Negative Chilean Family with Familial Breast Cancer: Possible Functional Implications. <i>International Journal of Molecular Sciences</i> , 2018, 19, 321.	1.8	4
2815	The long noncoding RNA XIST protects cardiomyocyte hypertrophy by targeting miR-330-3p. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 807-815.	1.0	37
2816	Intracytoplasmic Re-localization of miRISC Complexes. <i>Frontiers in Genetics</i> , 2018, 9, 403.	1.1	16

#	ARTICLE	IF	CITATIONS
2817	Identification and comparative analysis of the miRNA expression profiles from four tissues of <i>Micropterus salmoides</i> using deep sequencing. <i>Genomics</i> , 2018, 110, 414-422.	1.3	8
2818	miR-29a suppresses the growth and metastasis of hepatocellular carcinoma through IFITM3. <i>Oncology Reports</i> , 2018, 40, 3261-3272.	1.2	21
2819	HCMV miRNA Targets Reveal Important Cellular Pathways for Viral Replication, Latency, and Reactivation. <i>Non-coding RNA</i> , 2018, 4, 29.	1.3	28
2820	Colon Epithelial MicroRNA Network in Fatty Liver. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2018, 2018, 1-12.	0.8	1
2821	MicroRNA-221-5p Inhibits Porcine Epidemic Diarrhea Virus Replication by Targeting Genomic Viral RNA and Activating the NF- κ B Pathway. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3381.	1.8	43
2822	Depletion of endogenous miRNA-378-3p increases peak cell density of CHO DP12 cells and is correlated with elevated levels of ubiquitin carboxyl-terminal hydrolase 14. <i>Journal of Biotechnology</i> , 2018, 288, 30-40.	1.9	12
2823	Overexpression of CD98 in intestinal epithelium dysregulates miRNAs and their targeted proteins along the ileal villus-crypt axis. <i>Scientific Reports</i> , 2018, 8, 16220.	1.6	4
2824	MicroRNA therapeutics: design of single-stranded miR-216b mimics to target <i>KRAS</i> in pancreatic cancer cells. <i>RNA Biology</i> , 2018, 15, 1273-1285.	1.5	29
2825	MicroRNA and mRNA expression associated with ectopic germinal centers in thymus of myasthenia gravis. <i>PLoS ONE</i> , 2018, 13, e0205464.	1.1	13
2826	miR-20b negatively regulates VEGF expression by targeting STAT3 in H22 hepatocellular carcinoma cells. <i>Oncology Reports</i> , 2018, 40, 2806-2813.	1.2	9
2827	miR-21-5p targets PDHA1 to regulate glycolysis and cancer progression in gastric cancer. <i>Oncology Reports</i> , 2018, 40, 2955-2963.	1.2	42
2828	Biological Relationships between miRNAs used for Colorectal Cancer Screening. <i>Journal of Molecular Biomarkers & Diagnosis</i> , 2018, 09, .	0.4	6
2829	The Timing of Neonatal Brain Damage. , 2018, , 2295-2314.		0
2830	miRNA and long non-coding RNA: molecular function and clinical value in breast and ovarian cancers. <i>Expert Review of Molecular Diagnostics</i> , 2018, 18, 963-979.	1.5	41
2831	The Role of miR-126 in Critical Limb Ischemia Treatment Using Adipose-Derived Stem Cell Therapeutic Factor Concentrate and Extracellular Matrix Microparticles. <i>Medical Science Monitor</i> , 2018, 24, 511-522.	0.5	5
2832	Targeted m ⁶ A Reader Proteins To Study Epitranscriptomic Regulation of Single RNAs. <i>Journal of the American Chemical Society</i> , 2018, 140, 11974-11981.	6.6	92
2833	Investigation of Circulating Extracellular Vesicle MicroRNA Following Two Consecutive Bouts of Muscle-Damaging Exercise. <i>Frontiers in Physiology</i> , 2018, 9, 1149.	1.3	68
2834	PPAR β /Pgc-1 α -Fndc5 pathway up-regulation in gastrocnemius and heart muscle of exercised, branched chain amino acid diet fed mice. <i>Nutrition and Metabolism</i> , 2018, 15, 59.	1.3	30

#	ARTICLE	IF	CITATIONS
2835	MicroRNA-379 Suppresses Cervical Cancer Cell Proliferation and Invasion by Directly Targeting V-crk Avian Sarcoma Virus CT10 Oncogene Homolog-Like (CRKL). <i>Oncology Research</i> , 2018, 26, 987-996.	0.6	19
2836	MicroRNA-520a suppresses HBV replication in HepG2.2.15 cells by inactivating AKT. <i>Journal of International Medical Research</i> , 2018, 46, 4693-4704.	0.4	8
2837	Epigenetic regulation of MAGE family in human cancer progression-DNA methylation, histone modification, and non-coding RNAs. <i>Clinical Epigenetics</i> , 2018, 10, 115.	1.8	44
2838	Modeling and Analyzing the Flow of Molecular Machines in Gene Expression. <i>RNA Technologies</i> , 2018, , 275-300.	0.2	5
2840	miRmapper: A Tool for Interpretation of miRNA-mRNA Interaction Networks. <i>Genes</i> , 2018, 9, 458.	1.0	25
2841	Novel Biomarkers for Prostate Cancer Detection and Prognosis. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1095, 15-39.	0.8	19
2842	Molecular pathogenesis of triple-negative breast cancer based on microRNA expression signatures: antitumor miR-204-5p targets AP1S3. <i>Journal of Human Genetics</i> , 2018, 63, 1197-1210.	1.1	41
2843	Crosstalk between alternative polyadenylation and miRNAs in the regulation of protein translational efficiency. <i>Genome Research</i> , 2018, 28, 1656-1663.	2.4	35
2844	Mechanisms of microRNA-mediated gene regulation in unicellular model alga <i>Chlamydomonas reinhardtii</i> . <i>Biotechnology for Biofuels</i> , 2018, 11, 244.	6.2	26
2845	Increased expression of microRNAs, miR-20a and miR-326 in PBMCs of patients with type 1 diabetes. <i>Molecular Biology Reports</i> , 2018, 45, 1973-1980.	1.0	24
2846	Wide-Ranging Analysis of MicroRNA Profiles in Sporadic Amyotrophic Lateral Sclerosis Using Next-Generation Sequencing. <i>Frontiers in Genetics</i> , 2018, 9, 310.	1.1	34
2847	Radiation Induces Apoptosis and Osteogenic Impairment through miR-22-Mediated Intracellular Oxidative Stress in Bone Marrow Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2018, 2018, 1-16.	1.2	22
2848	The Interplay of Non-coding RNAs and X Chromosome Inactivation in Human Disease. <i>RNA Technologies</i> , 2018, , 229-238.	0.2	0
2849	microRNAs associated with early neural crest development in <i>Xenopus laevis</i> . <i>BMC Genomics</i> , 2018, 19, 59.	1.2	22
2850	microRNA Profiling in Glaucoma Eyes With Varying Degrees of Optic Neuropathy by Using Next-Generation Sequencing. , 2018, 59, 2955.		45
2851	Genomic Insights Into the Multiple Factors Controlling Abdominal Fat Deposition in a Chicken Model. <i>Frontiers in Genetics</i> , 2018, 9, 262.	1.1	46
2852	The clinical significance of miR-335, miR-124, miR-218 and miR-484 downregulation in gastric cancer. <i>Molecular Biology Reports</i> , 2018, 45, 1587-1595.	1.0	25
2853	miR-340-5p: A potential direct regulator of Nrf2 expression in the post-exercise skeletal muscle of mice. <i>Molecular Medicine Reports</i> , 2018, 19, 1340-1348.	1.1	6

#	ARTICLE	IF	CITATIONS
2854	Molecular alterations during larval development of <i>Haemonchus contortus</i> in vitro are under tight post-transcriptional control. <i>International Journal for Parasitology</i> , 2018, 48, 763-772.	1.3	30
2855	Expression of microRNAs and IRAK1 pathway genes are altered in gastric cancer patients with <i>Helicobacter pylori</i> infection. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7570-7576.	1.2	20
2856	MicroRNA-302 Cluster Downregulates Enterovirus 71-Induced Innate Immune Response by Targeting KPNA2. <i>Journal of Immunology</i> , 2018, 201, 145-156.	0.4	23
2857	microRNA Analysis in Prostate Cancer. , 2018, , 267-291.		0
2858	Forever young: Endocrinology of paedomorphosis in the Mexican axolotl (<i>Ambystoma mexicanum</i>). <i>General and Comparative Endocrinology</i> , 2018, 266, 194-201.	0.8	18
2859	Genome-wide microRNA screening in Nile tilapia reveals pervasive isomiRs™ transcription, sex-biased arm switching and increasing complexity of expression throughout development. <i>Scientific Reports</i> , 2018, 8, 8248.	1.6	25
2860	Computational analysis of ribonomics datasets identifies long non-coding RNA targets of β -herpesviral miRNAs. <i>Nucleic Acids Research</i> , 2018, 46, 8574-8589.	6.5	25
2861	tRNA fragments (tRFs) guide Ago to regulate gene expression post-transcriptionally in a Dicer-independent manner. <i>Rna</i> , 2018, 24, 1093-1105.	1.6	276
2862	Small RNA profiling reveals involvement of microRNA-mediated gene regulation in response to mycorrhizal symbiosis in <i>Poncirus trifoliata</i> L. Raf.. <i>Tree Genetics and Genomes</i> , 2018, 14, 1.	0.6	9
2863	Clustering Pattern and Functional Effect of SNPs in Human miRNA Seed Regions. <i>International Journal of Genomics</i> , 2018, 2018, 1-4.	0.8	9
2864	Rhabdovirus-Inducible MicroRNA-210 Modulates Antiviral Innate Immune Response via Targeting STING/MITA in Fish. <i>Journal of Immunology</i> , 2018, 201, 982-994.	0.4	70
2865	Sp1 Suppresses miR-3178 to Promote the Metastasis Invasion Cascade via Upregulation of TRIOBP. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 1-11.	2.3	17
2866	MicroRNA-141-3p/200a-3p target and may be involved in post-transcriptional repression of RNA decapping enzyme Dcp2 during renal development. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 1724-1732.	0.6	4
2867	Dysregulated genes targeted by microRNAs and metabolic pathways in bladder cancer revealed by bioinformatics methods. <i>Oncology Letters</i> , 2018, 15, 9617-9624.	0.8	9
2868	Salinity Responses and Tolerance in Plants, Volume 2. , 2018, , .		5
2869	Functions and epigenetic aspects of miR-15/16: Possible future cancer therapeutics. <i>Gene Reports</i> , 2018, 12, 149-164.	0.4	12
2870	Molecular regulation of MCU: Implications in physiology and disease. <i>Cell Calcium</i> , 2018, 74, 86-93.	1.1	91
2871	LncRNA KCNQ1OT1 regulates proliferation and cisplatin resistance in tongue cancer via miR-211-5p mediated Ezrin/Fak/Src signaling. <i>Cell Death and Disease</i> , 2018, 9, 742.	2.7	188

#	ARTICLE	IF	CITATIONS
2872	The Involvement of MicroRNAs in Modulation of Innate and Adaptive Immunity in Systemic Lupus Erythematosus and Lupus Nephritis. <i>Journal of Immunology Research</i> , 2018, 2018, 1-15.	0.9	56
2873	Regulatory mechanism of microRNA-128 in osteosarcoma tumorigenesis and evolution through targeting SASH1. <i>Oncology Letters</i> , 2018, 15, 8687-8694.	0.8	8
2874	miRNAs: The Game Changer in Producing Salinity Stress-Tolerant Crops. , 2018, , 143-188.		3
2875	Role of MicroRNAs in Obesity-Induced Metabolic Disorder and Immune Response. <i>Journal of Immunology Research</i> , 2018, 2018, 1-8.	0.9	27
2876	A dual role of miR-22 modulated by RelA/p65 in resensitizing fulvestrant-resistant breast cancer cells to fulvestrant by targeting FOXP1 and HDAC4 and constitutive acetylation of p53 at Lys382. <i>Oncogenesis</i> , 2018, 7, 54.	2.1	33
2877	miRNA-31 over-expression improve synovial cells apoptosis induced by RA. <i>Bratislava Medical Journal</i> , 2018, 119, 355-360.	0.4	9
2878	MicroRNA dysregulation in adenoid cystic carcinoma of the salivary gland in relation to prognosis and gene fusion status: a cohort study. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018, 473, 329-340.	1.4	26
2879	Dietary polyphenols promote resilience against sleep deprivation-induced cognitive impairment by activating protein translation. <i>FASEB Journal</i> , 2018, 32, 5390-5404.	0.2	18
2880	miR-423 rs6505162 C>A polymorphism contributes to decreased Wilms tumor risk. <i>Journal of Cancer</i> , 2018, 9, 2460-2465.	1.2	11
2881	Direct Cytosolic MicroRNA Detection Using Single-Layer Perfluorinated Tungsten Diselenide Nanoplatfom. <i>Analytical Chemistry</i> , 2018, 90, 10369-10376.	3.2	14
2882	A Polysome-Based microRNA Screen Identifies miR-24-3p as a Novel Promigratory miRNA in Mesothelioma. <i>Cancer Research</i> , 2018, 78, 5741-5753.	0.4	28
2883	The emerging role of miR-19 in glioma. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4611-4616.	1.6	29
2884	miR449a/SIRT1/PGC-1 β Is Necessary for Mitochondrial Biogenesis Induced by T-2 Toxin. <i>Frontiers in Pharmacology</i> , 2017, 8, 954.	1.6	23
2885	Longer Work/Rest Intervals During High-Intensity Interval Training (HIIT) Lead to Elevated Levels of miR-222 and miR-29c. <i>Frontiers in Physiology</i> , 2018, 9, 395.	1.3	24
2886	Molecular features of adenoid cystic carcinoma with an emphasis on microRNA expression. <i>Apmis</i> , 2018, 126, 7-57.	0.9	8
2887	Arterial Calcification Is Regulated Via an miR-204/DNMT3a Regulatory Circuit Both In Vitro and in Female Mice. <i>Endocrinology</i> , 2018, 159, 2905-2916.	1.4	48
2888	Long Non-coding MIR205HG Depletes Hsa-miR-590-3p Leading to Unrestrained Proliferation in Head and Neck Squamous Cell Carcinoma. <i>Theranostics</i> , 2018, 8, 1850-1868.	4.6	65
2889	Probing cytoplasmic and nuclear microRNAs in single living cells via plasmonic affinity sandwich assay. <i>Chemical Science</i> , 2018, 9, 7241-7246.	3.7	25

#	ARTICLE	IF	CITATIONS
2890	miR-495 inhibits proliferation, migration, and invasion and induces apoptosis via inhibiting PBX3 in melanoma cells. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 1909-1920.	1.0	20
2891	MiR-497-5p, miR-195-5p and miR-455-3p function as tumor suppressors by targeting hTERT in melanoma A375 cells. <i>Cancer Management and Research</i> , 2018, Volume 10, 989-1003.	0.9	93
2892	Identification and characterization of microRNAs in the pituitary of pubescent goats. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 51.	1.4	7
2893	Cadmium Nephrotoxicity Is Associated with Altered MicroRNA Expression in the Rat Renal Cortex. <i>Toxics</i> , 2018, 6, 16.	1.6	58
2894	Deciphering Non-coding RNAs in Cardiovascular Health and Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 73.	1.1	44
2895	MicroRNA-155 at the Critical Interface of Innate and Adaptive Immunity in Arthritis. <i>Frontiers in Immunology</i> , 2017, 8, 1932.	2.2	170
2896	Circulating Plasma MicroRNA-208a as Potential Biomarker of Chronic Indeterminate Phase of Chagas Disease. <i>Frontiers in Microbiology</i> , 2018, 9, 269.	1.5	31
2897	Regulation of MicroRNAs-Mediated Autophagic Flux: A New Regulatory Avenue for Neurodegenerative Diseases With Focus on Prion Diseases. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 139.	1.7	25
2898	MicroRNA-26b Regulates the Microglial Inflammatory Response in Hypoxia/Ischemia and Affects the Development of Vascular Cognitive Impairment. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 154.	1.8	27
2899	Differential Expression of Several miRNAs and the Host Genes AATK and DNM2 in Leukocytes of Sporadic ALS Patients. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 106.	1.4	43
2900	Neonatal anesthesia exposure impacts brain microRNAs and their associated neurodevelopmental processes. <i>Scientific Reports</i> , 2018, 8, 10656.	1.6	10
2901	Motifome comparison between modern human, Neanderthal and Denisovan. <i>BMC Genomics</i> , 2018, 19, 472.	1.2	4
2902	Serum and thyroid tissue level of let-7b and their correlation with TRAb in Graves' disease. <i>Journal of Translational Medicine</i> , 2018, 16, 188.	1.8	9
2903	Endogenous Control Mechanisms of FAK and PYK2 and Their Relevance to Cancer Development. <i>Cancers</i> , 2018, 10, 196.	1.7	46
2904	MiR-146a levels in rheumatoid arthritis and their correlation with disease activity: a meta-analysis. <i>International Journal of Rheumatic Diseases</i> , 2018, 21, 1335-1342.	0.9	42
2905	Na/K-ATPase signaling mediates miR-29b-3p regulation and cardiac fibrosis formation in mice with chronic kidney disease. <i>PLoS ONE</i> , 2018, 13, e0197688.	1.1	36
2906	Dynamic microRNA activity identifies therapeutic targets in trastuzumab-resistant HER2 ⁺ breast cancer. <i>Biotechnology and Bioengineering</i> , 2018, 115, 2613-2623.	1.7	10
2907	The miRNA Mirage: How Close Are We to Finding a Non-Invasive Diagnostic Biomarker in Endometriosis? A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 599.	1.8	86

#	ARTICLE	IF	CITATIONS
2908	The Oncogenic Relevance of miR-17-92 Cluster and Its Paralogous miR-106b-25 and miR-106a-363 Clusters in Brain Tumors. <i>International Journal of Molecular Sciences</i> , 2018, 19, 879.	1.8	46
2909	Skeletal Muscle MicroRNAs as Key Players in the Pathogenesis of Amyotrophic Lateral Sclerosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1534.	1.8	25
2910	Inhibition of v-rel-Induced Oncogenesis through microRNA Targeting. <i>Viruses</i> , 2018, 10, 242.	1.5	3
2911	Modulation of mitochondrial functions by xenobiotic-induced microRNA: From environmental sentinel organisms to mammals. <i>Science of the Total Environment</i> , 2018, 645, 79-88.	3.9	79
2912	LncRNA NEAT1 enhances the radio-resistance of cervical cancer via miR-193b-3p/CCND1 axis. <i>Oncotarget</i> , 2018, 9, 2395-2409.	0.8	82
2913	Droplet digital PCR-based circulating microRNA detection serve as a promising diagnostic method for gastric cancer. <i>BMC Cancer</i> , 2018, 18, 676.	1.1	51
2914	Impact of miRNA-mRNA Profiling and Their Correlation on Medulloblastoma Tumorigenesis. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 490-503.	2.3	36
2915	Highly focused transcriptional response of <i>Anopheles coluzzii</i> to Oâ€™nyong nyong arbovirus during the primary midgut infection. <i>BMC Genomics</i> , 2018, 19, 526.	1.2	17
2916	microRNA profiles and functions in mosquitoes. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006463.	1.3	36
2917	Competing endogenous RNA network crosstalk reveals novel molecular markers in colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6869-6881.	1.2	11
2918	Small RNA and transcriptome sequencing reveal the role of miR-199a-3p in inflammatory processes in cystic fibrosis airways. <i>Journal of Pathology</i> , 2018, 245, 410-420.	2.1	35
2919	Circulating Exosomal miR-27a and miR-130a Act as Novel Diagnostic and Prognostic Biomarkers of Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 746-754.	1.1	106
2920	miR-300 regulates the epithelial-mesenchymal transition and invasion of hepatocellular carcinoma by targeting the FAK/PI3K/AKT signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1632-1642.	2.5	39
2921	MiR-23a transcriptional activated by Runx2 increases metastatic potential of mouse hepatoma cell via directly targeting Mgat3. <i>Scientific Reports</i> , 2018, 8, 7366.	1.6	33
2922	Integrative analyses of genes and microRNA expressions in human trisomy 21 placentas. <i>BMC Medical Genomics</i> , 2018, 11, 46.	0.7	9
2923	Expression of miR-132 in Down syndrome subjects. <i>Human Cell</i> , 2018, 31, 268-270.	1.2	0
2924	Alterations in the MicroRNA of the Blood of Autism Spectrum Disorder Patients: Effects on Epigenetic Regulation and Potential Biomarkers. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2018, 8, 75.	1.0	28
2925	MicroRNA-224 down-regulates Glycine N-methyltransferase gene expression in Hepatocellular Carcinoma. <i>Scientific Reports</i> , 2018, 8, 12284.	1.6	19

#	ARTICLE	IF	CITATIONS
2926	MicroRNA Expression Analysis of Naked Silkworms. <i>Journal of Economic Entomology</i> , 2018, 111, 2876-2883.	0.8	4
2927	miR-129-5p inhibits gemcitabine resistance and promotes cell apoptosis of bladder cancer cells by targeting Wnt5a. <i>International Urology and Nephrology</i> , 2018, 50, 1811-1819.	0.6	29
2928	The relationship between miR-302b and EphA2 and their clinical significance in gastric cancer. <i>Journal of Cancer</i> , 2018, 9, 3109-3116.	1.2	9
2929	Overexpression of miRNA 4451 is Associated With a Poor Survival of Patients With Hypopharyngeal Cancer After Surgery With Postoperative Radiotherapy. <i>Translational Oncology</i> , 2018, 11, 1244-1250.	1.7	4
2930	Long noncoding RNA HOTTIP alleviates oxygen and glucose deprivation-induced neuronal injury via modulating miR-143/hexokinase 2 pathway. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 10107-10117.	1.2	21
2931	Argonaute-miRNA Complexes Silence Target mRNAs in the Nucleus of Mammalian Stem Cells. <i>Molecular Cell</i> , 2018, 71, 1040-1050.e8.	4.5	107
2932	Going (Reo)Viral: Factors Promoting Successful Reoviral Oncolytic Infection. <i>Viruses</i> , 2018, 10, 421.	1.5	18
2933	Macro roles for microRNAs in neurodegenerative diseases. <i>Non-coding RNA Research</i> , 2018, 3, 154-159.	2.4	40
2934	MicroRNA-related polymorphisms in pseudoexfoliation syndrome, pseudoexfoliative glaucoma, and primary open-angle glaucoma. <i>Ophthalmic Genetics</i> , 2018, 39, 603-609.	0.5	18
2935	Antiproliferative potential of miR-33a in laryngeal cancer Hep2 cells via targeting PIM1. <i>Head and Neck</i> , 2018, 40, 2455-2461.	0.9	20
2936	MicroRNAs in Cardiac Autophagy: Small Molecules and Big Role. <i>Cells</i> , 2018, 7, 104.	1.8	48
2937	Direct measurement of pervasive weak repression by microRNAs and their role at the network level. <i>BMC Genomics</i> , 2018, 19, 362.	1.2	9
2938	Implication of miR-612 and miR-1976 in the regulation of TP53 and CD40 and their relationship in the response to specific weight-loss diets. <i>PLoS ONE</i> , 2018, 13, e0201217.	1.1	18
2939	MicroRNA-298 Reverses Multidrug Resistance to Antiepileptic Drugs by Suppressing MDR1/P-gp Expression in vitro. <i>Frontiers in Neuroscience</i> , 2018, 12, 602.	1.4	28
2940	miR-142-3p attenuates breast cancer stem cell characteristics and decreases radioresistance in vitro. <i>Tumor Biology</i> , 2018, 40, 101042831879188.	0.8	85
2941	MicroRNA expression profiling of dibenzalacetone (DBA) treated intracellular amastigotes of <i>Leishmania donovani</i> . <i>Experimental Parasitology</i> , 2018, 193, 5-19.	0.5	8
2942	MicroRNA-96 expression induced by low-dose cisplatin or doxorubicin regulates chemosensitivity, cell death and proliferation in gastric cancer SGC7901 cells by targeting FOXO1. <i>Oncology Letters</i> , 2018, 16, 4020-4026.	0.8	13
2943	MICEE is a ncRNA-protein complex that mediates epigenetic silencing and nucleolar organization. <i>Nature Genetics</i> , 2018, 50, 990-1001.	9.4	52

#	ARTICLE	IF	CITATIONS
2944	microRNA-124-3p inhibits the progression of congenital hypothyroidism via targeting programmed cell death protein 6. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 5001-5006.	0.8	7
2945	Zika Virus Alters the Expression Profile of microRNA-Related Genes in Liver, Lung, and Kidney Cell Lineages. <i>Viral Immunology</i> , 2018, 31, 583-588.	0.6	12
2946	Expanding the horizons of microRNA bioinformatics. <i>Rna</i> , 2018, 24, 1005-1017.	1.6	27
2947	Pterostilbene increases PTEN expression through the targeted downregulation of microRNA-19a in hepatocellular carcinoma. <i>Molecular Medicine Reports</i> , 2018, 17, 5193-5201.	1.1	16
2948	MiR-744-5p inducing cell death by directly targeting HNRNPC and NFIX in ovarian cancer cells. <i>Scientific Reports</i> , 2018, 8, 9020.	1.6	84
2949	MiR-1297 suppresses pancreatic cancer cell proliferation and metastasis by targeting MTDH. <i>Molecular and Cellular Probes</i> , 2018, 40, 19-26.	0.9	25
2950	Integrated micro/messenger RNA regulatory networks in essential thrombocytosis. <i>PLoS ONE</i> , 2018, 13, e0191932.	1.1	8
2951	Nanoparticle-antagomiR based targeting of miR-31 to induce osterix and osteocalcin expression in mesenchymal stem cells. <i>PLoS ONE</i> , 2018, 13, e0192562.	1.1	17
2952	Tumor Expression of miR-10b, miR-21, miR-143 and miR-145 is Related to Clinicopathological Features of Gastric Cancer in a Central European Population. <i>Anticancer Research</i> , 2018, 38, 3719-3724.	0.5	20
2953	miR-216a-3p Inhibits the Proliferation, Migration, and Invasion of Human Gastric Cancer Cells via Targeting RUNX1 and Activating the NF- κ B Signaling Pathway. <i>Oncology Research</i> , 2018, 26, 157-171.	0.6	29
2954	MicroRNA-21 Mediates the Protective Effects of Mesenchymal Stem Cells Derived from iPSCs to Human Bronchial Epithelial Cell Injury Under Hypoxia. <i>Cell Transplantation</i> , 2018, 27, 571-583.	1.2	11
2955	Triazophos-induced toxicity in zebrafish: miRNA-217 inhibits nup43. <i>Toxicology Research</i> , 2018, 7, 913-922.	0.9	7
2956	miRACA: A database for miRNAs associated with cancers and age related disorders (ARD). <i>Frontiers in Biology</i> , 2018, 13, 36-50.	0.7	0
2957	MicroRNA-296 Targets Specificity Protein 1 to Suppress Cell Proliferation and Invasion in Cervical Cancer. <i>Oncology Research</i> , 2018, 26, 775-783.	0.6	27
2958	Long noncoding RNA PVT1-214 promotes proliferation and invasion of colorectal cancer by stabilizing Lin28 and interacting with miR-128. <i>Oncogene</i> , 2019, 38, 164-179.	2.6	87
2959	MiR-214 is an important regulator of the musculoskeletal metabolism and disease. <i>Journal of Cellular Physiology</i> , 2019, 234, 231-245.	2.0	49
2960	Targeting transcriptional control of soluble guanylyl cyclase via NOTCH for prevention of cardiovascular disease. <i>Acta Physiologica</i> , 2019, 225, e13094.	1.8	6
2961	MicroRNAs in brown and beige fat. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 29-36.	1.2	40

#	ARTICLE	IF	CITATIONS
2962	Non-coding RNAs in lipid metabolism. <i>Vascular Pharmacology</i> , 2019, 114, 93-102.	1.0	32
2963	Caste-specific microRNA expression in termites: insights into soldier differentiation. <i>Insect Molecular Biology</i> , 2019, 28, 86-98.	1.0	14
2964	Environmental stressors and alcoholism development: Focus on molecular targets and their epigenetic regulation. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 106, 165-181.	2.9	17
2965	In situ imaging and interfering Dicer-mediated cleavage process via a versatile molecular beacon probe. <i>Analytica Chimica Acta</i> , 2019, 1079, 146-152.	2.6	5
2966	MicroRNA-142-3p suppresses endometriosis by regulating KLF9-mediated autophagy <i>in vitro</i> and <i>in vivo</i> . <i>RNA Biology</i> , 2019, 16, 1733-1748.	1.5	38
2967	Regulation of Eicosanoid Pathways by MicroRNAs. <i>Frontiers in Pharmacology</i> , 2019, 10, 824.	1.6	15
2968	MicroRNA expression profiling provides novel insights into immune-related pathways involved in gastric cancer. <i>Medical Oncology</i> , 2019, 36, 81.	1.2	4
2969	microRNA mir-598-3p mediates susceptibility to stress enhancement of remote fear memory. <i>Learning and Memory</i> , 2019, 26, 363-372.	0.5	8
2970	The Cervicovaginal Microbiota-Host Interaction Modulates <i>Chlamydia trachomatis</i> Infection. <i>MBio</i> , 2019, 10, .	1.8	107
2971	Cellular and Molecular Mechanisms in the Pathogenesis of Classical, Vascular, and Hypermobile Ehlers-Danlos Syndromes. <i>Genes</i> , 2019, 10, 609.	1.0	46
2972	miR-1 induces endothelial dysfunction in rat pulmonary arteries. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 519-529.	1.3	14
2973	Epigenomic adaptations of exercise in the control of metabolic disease and cancer. , 2019, , 289-316.		1
2974	Expression of microRNAs targeting heat shock protein B8 during <i>in vitro</i> expansion of dental pulp stem cells in regulating osteogenic differentiation. <i>Archives of Oral Biology</i> , 2019, 107, 104485.	0.8	9
2975	A combined experimental and computational study on peptide nucleic acid (PNA) analogues of tumor suppressive miRNA-34a. <i>Bioorganic Chemistry</i> , 2019, 91, 103165.	2.0	17
2976	MicroRNA-379 inhibits laryngeal carcinoma cell proliferation and invasion through directly targeting TCF4. <i>Kaohsiung Journal of Medical Sciences</i> , 2019, 35, 731-738.	0.8	3
2977	Temporal dynamics of miRNAs in human DLPFC and its association with miRNA dysregulation in schizophrenia. <i>Translational Psychiatry</i> , 2019, 9, 196.	2.4	27
2978	Upregulation of microRNA-1270 suppressed human glioblastoma cancer cell proliferation migration and tumorigenesis by acting through WT1. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 4839-4848.	1.0	21
2979	Biomarkers in neonatal hypoxic-ischemic encephalopathy" Review of the literature to date and future directions for research. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 162, 281-293.	1.0	32

#	ARTICLE	IF	CITATIONS
2980	MicroRNA-873 inhibits the proliferation and invasion of endometrial cancer cells by directly targeting hepatoma-derived growth factor. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 1291-1298.	0.8	16
2981	High expression of long intergenic non-coding RNA LINC00662 contributes to malignant growth of acute myeloid leukemia cells by upregulating ROCK1 via sponging microRNA-340-5p. <i>European Journal of Pharmacology</i> , 2019, 859, 172535.	1.7	27
2982	Immune reactions after modern lamellar (DALK, DSAEK, DMEK) versus conventional penetrating corneal transplantation. <i>Progress in Retinal and Eye Research</i> , 2019, 73, 100768.	7.3	173
2983	siRNA nanotherapeutics: a promising strategy for anti-HBV therapy. <i>IET Nanobiotechnology</i> , 2019, 13, 457-463.	1.9	8
2984	Protocols for the Analysis of microRNA Expression, Biogenesis, and Function in Immune Cells. <i>Current Protocols in Immunology</i> , 2019, 126, e78.	3.6	20
2985	Unravelling the MicroRNA-Mediated Gene Regulation in Developing Pongamia Seeds by High-Throughput Small RNA Profiling. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3509.	1.8	7
2986	The Role of Long Noncoding RNAs in Gene Expression Regulation. , 0, , .		26
2987	Expression Pattern of microRNAs, miR-21, miR-155 and miR-338 in Patients with Type 1 Diabetes. <i>Archives of Medical Research</i> , 2019, 50, 79-85.	1.5	17
2988	Discovery and Validation of Circulating Hsa-miR-210-3p as a Potential Biomarker for Primary Open-Angle Glaucoma. , 2019, 60, 2925.		21
2989	miR-19 targets PTEN and mediates high mobility group protein B1 (HMGB1)-induced proliferation and migration of human airway smooth muscle cells. <i>PLoS ONE</i> , 2019, 14, e0219081.	1.1	19
2990	Bone Health. , 2019, , .		4
2991	MicroRNA-486-3p functions as a tumor suppressor in oral cancer by targeting DDR1. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 281.	3.5	61
2992	The micro RNA hsa-miR-377-3p inhibits tumor growth in malignant melanoma. <i>RSC Advances</i> , 2019, 9, 19057-19064.	1.7	3
2993	Epigenetics: At the Crossroads Between Genetic and Environmental Determinants of Disease. , 2019, , 105-128.		0
2994	Loss of RNA binding protein, human antigen R enhances mitochondrial elongation by regulating Drp1 expression in SH-SY5Y cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 713-718.	1.0	3
2995	rs12416605:C>T in <i>MIR938</i> associates with gastric cancer through affecting the regulation of the <i>CXCL12</i> chemokine gene. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e832.	0.6	9
2996	The Emerging Role of microRNAs in Polyglutamine Diseases. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 156.	1.4	27
2997	miR-21 Expression Determines the Early Vaccine Immunity Induced by LdCen ^{+/+} Immunization. <i>Frontiers in Immunology</i> , 2019, 10, 2273.	2.2	20

#	ARTICLE	IF	CITATIONS
2998	The Role of MIR9-2 in Shared Susceptibility of Psychiatric Disorders during Childhood: A Population-Based Birth Cohort Study. <i>Genes</i> , 2019, 10, 626.	1.0	5
2999	Epigenetics, Stem Cells, and Autophagy: Exploring a Path Involving miRNA. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5091.	1.8	14
3001	Glycogen phosphorylase B promotes ovarian cancer progression via Wnt/ β -catenin signaling and is regulated by miR-133a-3p. <i>Biomedicine and Pharmacotherapy</i> , 2019, 120, 109449.	2.5	46
3002	DNA methylation, microRNA expression profiles and their relationships with transcriptome in grass-fed and grain-fed Angus cattle rumen tissue. <i>PLoS ONE</i> , 2019, 14, e0214559.	1.1	10
3003	miR-124 ameliorates depressive-like behavior by targeting STAT3 to regulate microglial activation. <i>Molecular and Cellular Probes</i> , 2019, 48, 101470.	0.9	41
3004	Osteoclastic microRNAs and their translational potential in skeletal diseases. <i>Seminars in Immunopathology</i> , 2019, 41, 573-582.	2.8	16
3005	Serum and tissue miRNAs: potential biomarkers for the diagnosis of cervical cancer. <i>Virology Journal</i> , 2019, 16, 116.	1.4	29
3006	lncRNA HOTAIR promotes gastric cancer proliferation and metastasis via targeting miR-126 to active CXCR4 and RhoA signaling pathway. <i>Cancer Medicine</i> , 2019, 8, 6768-6779.	1.3	38
3007	An Improved Particle Swarm Optimization Based on Hormone Modulation Mechanism. <i>Journal of Physics: Conference Series</i> , 2019, 1302, 042045.	0.3	0
3008	Role of epigenetics in alveolar bone resorption and regeneration around periodontal and peri-implant tissues. <i>European Journal of Oral Sciences</i> , 2019, 127, 477-493.	0.7	22
3009	MIENTURNET: an interactive web tool for microRNA-target enrichment and network-based analysis. <i>BMC Bioinformatics</i> , 2019, 20, 545.	1.2	228
3010	miRNAs derived from cancer-associated fibroblasts in colorectal cancer. <i>Epigenomics</i> , 2019, 11, 1627-1645.	1.0	58
3011	Translational offsetting as a mode of estrogen receptor β -dependent regulation of gene expression. <i>EMBO Journal</i> , 2019, 38, e101323.	3.5	33
3012	MicroRNAs Affect Complement Regulator Expression and Mitochondrial Activity to Modulate Cell Resistance to Complement-Dependent Cytotoxicity. <i>Cancer Immunology Research</i> , 2019, 7, 1970-1983.	1.6	10
3013	Upregulation of CENPM promotes hepatocarcinogenesis through multiple mechanisms. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 458.	3.5	49
3014	Polymeric Hybrid Nanomicelles for Cancer Theranostics: An Efficient and Precise Anticancer Strategy for the Codelivery of Doxorubicin/miR-34a and Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43865-43878.	4.0	31
3015	Survival advantage and clinicopathological significance of microRNA-22 in cancers: a meta-analysis. <i>Cancer Management and Research</i> , 2019, Volume 11, 8855-8868.	0.9	6
3016	Catalytic Self-Assembly of Quantum-Dot-Based MicroRNA Nanosensor Directed by Toehold-Mediated Strand Displacement Cascade. <i>Nano Letters</i> , 2019, 19, 6370-6376.	4.5	118

#	ARTICLE	IF	CITATIONS
3017	MicroRNA Signature in Human Normal and Tumoral Neural Stem Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4123.	1.8	22
3018	Decrypting noncoding RNA interactions, structures, and functional networks. <i>Genome Research</i> , 2019, 29, 1377-1388.	2.4	93
3019	Posttranscriptional Regulation of RhBRC1 (<i>Rosa hybrida</i> BRANCHED1) in Response to Sugars is Mediated via its Own 3' UTR Untranslated Region, with a Potential Role of RhPUF4 (Pumilio RNA-Binding) Tj ETQqO O1OrgBT /Overlock 10	0.1	1
3020	Biomarkers of Human Aging. <i>Healthy Ageing and Longevity</i> , 2019, , .	0.2	11
3021	Discovery and Validation of Serum MicroRNAs as Early Diagnostic Biomarkers for Prostate Cancer in Chinese Population. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	28
3022	Exosome reporter mice reveal the involvement of exosomes in mediating neuron to astroglia communication in the CNS. <i>Nature Communications</i> , 2019, 10, 4136.	5.8	212
3023	Connecting the molecular function of microRNAs to cell differentiation dynamics. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190437.	1.5	3
3024	The B side of rheumatoid arthritis pathogenesis. <i>Pharmacological Research</i> , 2019, 149, 104465.	3.1	13
3025	Cerebral Amyloid Angiopathy, Alzheimer's Disease and MicroRNA: miRNA as Diagnostic Biomarkers and Potential Therapeutic Targets. <i>NeuroMolecular Medicine</i> , 2019, 21, 369-390.	1.8	18
3026	Purification and Identification of miRNA Target Sites in Genome Using DNA Affinity Precipitation. <i>Frontiers in Genetics</i> , 2019, 10, 778.	1.1	10
3027	A six-micro RNA signature to predict outcomes of patients with gastric cancer. <i>FEBS Open Bio</i> , 2019, 9, 538-547.	1.0	6
3028	Efficient Knockdown and Lack of Passenger Strand Activity by Dicer-Independent shRNAs Expressed from Pol II-Driven MicroRNA Scaffolds. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 318-328.	2.3	13
3029	Substantial Dysregulation of miRNA Passenger Strands Underlies the Vascular Response to Injury. <i>Cells</i> , 2019, 8, 83.	1.8	10
3030	MiR-199a-3p mediates the adipogenic differentiation of bone marrow-derived mesenchymal stem cells by regulating KDM6A/WNT signaling. <i>Life Sciences</i> , 2019, 220, 84-91.	2.0	26
3031	Suppressing the secretion of exosomal miR-19b by gw4869 could regulate oxaliplatin sensitivity in colorectal cancer. <i>Neoplasia</i> , 2019, 66, 39-45.	0.7	26
3032	The Significance Role of microRNA-200c as a Prognostic Factor in Various Human Solid Malignant Neoplasms: A Meta-Analysis. <i>Journal of Cancer</i> , 2019, 10, 277-286.	1.2	5
3033	Overexpression of miR-138-5p suppresses MnCl ₂ -induced autophagy by targeting SIRT1 in SH-SY5Y cells. <i>Environmental Toxicology</i> , 2019, 34, 539-547.	2.1	20
3034	Identification and expression profiling of microRNAs in <i>Hymenolepis</i> . <i>International Journal for Parasitology</i> , 2019, 49, 211-223.	1.3	13

#	ARTICLE	IF	CITATIONS
3035	Nanoarchitecture Frameworks for Electrochemical miRNA Detection. Trends in Biochemical Sciences, 2019, 44, 433-452.	3.7	115
3036	mRNA and microRNA transcriptomics analyses in intermuscular bones of two carp species, rice flower carp (<i>Cyprinus carpio</i> var. <i>Quanzhounensis</i>) and Jian carp (<i>Cyprinus carpio</i> var. <i>Jian</i>). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 30, 71-80.	0.4	7
3037	Identification of the X-linked germ cell specific miRNAs (XmiRs) and their functions. PLoS ONE, 2019, 14, e0211739.	1.1	20
3038	Applying a multiscale systems biology approach to study the effect of chronic low-dose exposure to uranium in rat kidneys. International Journal of Radiation Biology, 2019, 95, 737-752.	1.0	11
3039	BiModule: biclique modularity strategy for identifying transcription factor and microRNA co-regulatory modules. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, , 1-1.	1.9	3
3040	Collagen-based materials combined with microRNA for repairing cornea wounds and inhibiting scar formation. Biomaterials Science, 2019, 7, 51-62.	2.6	38
3041	<p>miR-129-5p inhibits prostate cancer proliferation via targeting ETV1</p>. OncoTargets and Therapy, 2019, Volume 12, 3531-3544.	1.0	23
3042	miR-146a and miR-196a-2 genes polymorphisms and its circulating levels in lung cancer patients. Journal of Biochemistry, 2019, 166, 323-329.	0.9	11
3043	Pleiotropic microRNA-21 in pulmonary remodeling: novel insights for molecular mechanism and present advancements. Allergy, Asthma and Clinical Immunology, 2019, 15, 33.	0.9	21
3044	miRâ€‘27bâ€‘3p and miRâ€‘607 cooperatively regulate BLM gene expression by directly targeting the 3'â€‘UTR in PC3 cells. Molecular Medicine Reports, 2019, 19, 4819-4831.	1.1	9
3045	Delivery of MicroRNAs by Chitosan Nanoparticles to Functionally Alter Macrophage Cholesterol Efflux <i>in Vitro</i> and <i>in Vivo</i>. ACS Nano, 2019, 13, 6491-6505.	7.3	98
3046	Population substructure and signals of divergent adaptive selection despite admixture in the sponge <i>Dendrilla antarctica</i> from shallow waters surrounding the Antarctic Peninsula. Molecular Ecology, 2019, 28, 3151-3170.	2.0	23
3047	Downregulation of microRNA-302b-3p relieves oxygen-glucose deprivation/re-oxygenation induced injury in murine hippocampal neurons through up-regulating Nrf2 signaling by targeting fibroblast growth factor 15/19. Chemico-Biological Interactions, 2019, 309, 108705.	1.7	13
3048	Obesity, Insulin Resistance, and Colorectal Cancer: Could miRNA Dysregulation Play a Role?. International Journal of Molecular Sciences, 2019, 20, 2922.	1.8	45
3049	Can Epigenetics of Endothelial Dysfunction Represent the Key to Precision Medicine in Type 2 Diabetes Mellitus?. International Journal of Molecular Sciences, 2019, 20, 2949.	1.8	27
3050	Systems-level Analysis Reveals Multiple Modulators of Epithelial-mesenchymal Transition and Identifies DNAJB4 and CD81 as Novel Metastasis Inducers in Breast Cancer. Molecular and Cellular Proteomics, 2019, 18, 1756-1771.	2.5	29
3051	Immunomics in Pediatric Rheumatic Diseases. Frontiers in Medicine, 2019, 6, 111.	1.2	1
3052	letâ€‘7 and miRâ€‘17 promote selfâ€‘renewal and drive gefitinib resistance in nonâ€‘small cell lung cancer. Oncology Reports, 2019, 42, 495-508.	1.2	15

#	ARTICLE	IF	CITATIONS
3053	microRNA-Mediated Regulation of Bone Remodeling: A Brief Review. <i>JBMR Plus</i> , 2019, 3, e10213.	1.3	25
3054	The high-risk HPV oncogene E7 upregulates miR-182 expression through the TGF- β 2/Smad pathway in cervical cancer. <i>Cancer Letters</i> , 2019, 460, 75-85.	3.2	35
3055	MEF2A Regulates the MEG3-DIO3 miRNA Mega Cluster-Targeted PP2A Signaling in Bovine Skeletal Myoblast Differentiation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2748.	1.8	15
3056	Pharmacoeugenetics of Statins. , 2019, , 817-825.		0
3057	Alteration of the microRNA expression profile and identification of miRNA/mRNA negative regulation pairs in neural tube defects. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 761-765.	0.9	5
3058	Salivary microRNAs identified by small RNA sequencing and machine learning as potential biomarkers of alcohol dependence. <i>Epigenomics</i> , 2019, 11, 739-749.	1.0	19
3059	MicroRNA-1197 downregulation inhibits proliferation and migration in human non-small cell lung cancer cells by upregulating HOXC11. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109041.	2.5	19
3060	Targeted m6A reader proteins to study the epitranscriptome. <i>Methods in Enzymology</i> , 2019, 621, 1-16.	0.4	5
3061	The biomarker features of miR-145-3p determined via meta-analysis validated by qRT-PCR in metastatic cancer cell lines. <i>Gene</i> , 2019, 710, 341-353.	1.0	9
3062	MicroRNA Post-transcriptional Regulation of the NLRP3 Inflammasome in Immunopathologies. <i>Frontiers in Pharmacology</i> , 2019, 10, 451.	1.6	61
3063	microRNA-16-5p promotes 3T3-L1 adipocyte differentiation through regulating EPT1. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 1251-1256.	1.0	28
3064	miR-125a-5p: a novel regulator of SLC26A6 expression in intestinal epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C200-C208.	2.1	7
3065	Ergot alkaloid exposure during gestation alters: 3. Fetal growth, muscle fiber development, and miRNA transcriptome. <i>Journal of Animal Science</i> , 2019, 97, 3153-3168.	0.2	13
3066	The targeting of MTDH by miR-145-5p or miR-145-3p is associated with prognosis and regulates the growth and metastasis of prostate cancer cells. <i>International Journal of Oncology</i> , 2019, 54, 1955-1968.	1.4	10
3067	DPP-4 inhibition: A novel therapeutic approach to the treatment of pulmonary hypertension?. , 2019, 201, 1-7.		22
3068	MicroRNA-195 suppresses the progression of lung adenocarcinoma by directly targeting apelin. <i>Thoracic Cancer</i> , 2019, 10, 1419-1430.	0.8	20
3069	[ARTICLE WITHDRAWN] Long Noncoding RNA LINC01296 Harbors miR-21a to Regulate Colon Carcinoma Proliferation and Invasion. <i>Oncology Research</i> , 2019, 27, 541-549.	0.6	13
3070	A miR-567-PIK3AP1-PI3K/AKT-c-Myc feedback loop regulates tumour growth and chemoresistance in gastric cancer. <i>EBioMedicine</i> , 2019, 44, 311-321.	2.7	77

#	ARTICLE	IF	CITATIONS
3071	Landscape of microRNA in the aqueous humour of proliferative diabetic retinopathy as assessed by next-generation sequencing. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 925-936.	1.3	27
3072	Analysis of DNA Methylation Patterns Associated with In Vitro Propagated Globe Artichoke Plants Using an EpiRADseq-Based Approach. <i>Genes</i> , 2019, 10, 263.	1.0	7
3073	Functional MoS2 nanosheets for precursor and mature microRNA detection in living cells. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4559-4567.	1.9	10
3074	MicroRNA-508 is downregulated in clear cell renal cell carcinoma and targets ZEB1 to suppress cell proliferation and invasion. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 3814-3822.	0.8	19
3075	Let-7a inhibits proliferation and promotes apoptosis of human asthmatic airway smooth muscle cells. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 3327-3334.	0.8	5
3076	Import of human miRNA-RISC complex into <i>Plasmodium falciparum</i> and regulation of the parasite gene expression. <i>Journal of Biosciences</i> , 2019, 44, 1.	0.5	18
3077	Dauer signalling pathway model for <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , 2019, 12, 187.	1.0	25
3079	Differential MicroRNA Expressions in Human Peripheral Blood Mononuclear Cells Are Predictive of Renal Allograft Function. <i>Transplantation Proceedings</i> , 2019, 51, 715-721.	0.3	5
3080	The Influence of Diet on MicroRNAs that Impact Cardiovascular Disease. <i>Molecules</i> , 2019, 24, 1509.	1.7	64
3081	Impact of Polypharmacy on Candidate Biomarker miRNomes for the Diagnosis of Fibromyalgia and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: Striking Back on Treatments. <i>Pharmaceutics</i> , 2019, 11, 126.	2.0	14
3082	Association of miR-122, miR-124 miR-126 and miR-143 gene polymorphisms with ischemic stroke in the northern Chinese Han population. <i>International Journal of Neuroscience</i> , 2019, 129, 916-922.	0.8	6
3083	The intervention mechanism of folic acid for benzo(a)pyrene toxic effects in vitro and in vivo. <i>European Journal of Cancer Prevention</i> , 2019, 28, 355-364.	0.6	5
3084	The miR155HG/miR-185/ANXA2 loop contributes to glioblastoma growth and progression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 133.	3.5	79
3085	Forms of diagnostic material as sources of miRNA biomarkers in hepatocellular carcinoma: a preliminary study. <i>Biomarkers in Medicine</i> , 2019, 13, 523-534.	0.6	9
3087	Circular RNA expression profiles in neonatal rats following hypoxic-ischemic brain damage. <i>International Journal of Molecular Medicine</i> , 2019, 43, 1699-1708.	1.8	15
3088	MicroRNA-520e restricts the proliferation and invasion of glioma cells through the downregulation of Wnt/ β -catenin signaling by targeting fibroblast growth factor 19. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 619-625.	1.0	3
3089	Aberrant expression of miR-29a/29b and methylation level of mouse embryos after in vitro fertilization and vitrification at two-cell stage. <i>Journal of Cellular Physiology</i> , 2019, 234, 18942-18950.	2.0	10
3090	BRAF V600E mutation and microRNAs are helpful in distinguishing papillary thyroid malignant lesions: Tissues and fine needle aspiration cytology cases. <i>Life Sciences</i> , 2019, 223, 166-173.	2.0	14

#	ARTICLE	IF	CITATIONS
3091	Mir-455-3p-1 represses FGF7 expression to inhibit pulmonary arterial hypertension through inhibiting the RAS/ERK signaling pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 130, 23-35.	0.9	20
3092	OPTIMIR, a novel algorithm for integrating available genome-wide genotype data into miRNA sequence alignment analysis. <i>Rna</i> , 2019, 25, 657-668.	1.6	7
3093	MicroRNA-26b acts as an antioncogene and prognostic factor in cervical cancer. <i>Oncology Letters</i> , 2019, 17, 3418-3424.	0.8	10
3094	Multifunctional miR-155 Pathway in Avian Oncogenic Virus-Induced Neoplastic Diseases. <i>Non-coding RNA</i> , 2019, 5, 24.	1.3	17
3095	MicroRNA Target Identification. <i>Methods in Molecular Biology</i> , 2019, , .	0.4	2
3096	Pan-cancer analysis on microRNA-associated gene activation. <i>EBioMedicine</i> , 2019, 43, 82-97.	2.7	48
3097	MicroRNA-200c expression is decreased in hepatocellular carcinoma and associated with poor prognosis. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2019, 43, 715-721.	0.7	5
3098	circEIF4G2 modulates the malignant features of cervical cancer via the miR-218/HOXA1 pathway. <i>Molecular Medicine Reports</i> , 2019, 19, 3714-3722.	1.1	36
3099	The ELAV family of RNA-binding proteins in synaptic plasticity and long-term memory. <i>Neurobiology of Learning and Memory</i> , 2019, 161, 143-148.	1.0	26
3100	Identification of Disease-Associated miRNA Networks Across Different Cancer Types Using SWIM. <i>Methods in Molecular Biology</i> , 2019, 1970, 169-181.	0.4	5
3101	Catalyzing Transcriptomics Research in Cardiovascular Disease: The CardioRNA COST Action CA17129. <i>Non-coding RNA</i> , 2019, 5, 31.	1.3	14
3102	MicroRNA-384 is lowly expressed in human prostate cancer cells and has anti-tumor functions by acting on HOXB7. <i>Biomedicine and Pharmacotherapy</i> , 2019, 114, 108822.	2.5	13
3103	Serum miR-210-3p as a Potential Noninvasive Biomarker of Lung Adenocarcinoma: A Preliminary Study. <i>Genetic Testing and Molecular Biomarkers</i> , 2019, 23, 353-358.	0.3	28
3104	MiR-35 buffers apoptosis thresholds in the <i>C. elegans</i> germline by antagonizing both MAPK and core apoptosis pathways. <i>Cell Death and Differentiation</i> , 2019, 26, 2637-2651.	5.0	31
3105	CRISPR/Cas9-Mediated Knockout of MicroRNA-744 Improves Antibody Titer of CHO Production Cell Lines. <i>Biotechnology Journal</i> , 2019, 14, e1800477.	1.8	35
3106	The circRNA code: emerging implications for cancer diagnosis and treatment. <i>Molecular Oncology</i> , 2019, 13, 669-680.	2.1	300
3107	Interleukin-18 in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 649.	1.8	325
3108	Generic Neutravidin Biosensor for Simultaneous Multiplex Detection of MicroRNAs via Electrochemically Encoded Responsive Nanolabels. <i>ACS Sensors</i> , 2019, 4, 326-334.	4.0	56

#	ARTICLE	IF	CITATIONS
3109	Postnatal liver functional maturation requires Cnot complex-mediated decay of mRNAs encoding cell cycle and immature liver genes. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	18
3110	Reactive Oxygen Species Related Noncoding RNAs as Regulators of Cardiovascular Diseases. <i>International Journal of Biological Sciences</i> , 2019, 15, 680-687.	2.6	31
3112	Identification of microRNA-mRNA networks involved in cisplatin-induced renal tubular epithelial cells injury. <i>European Journal of Pharmacology</i> , 2019, 851, 1-12.	1.7	18
3113	Characterization of the salmon louse <i>Lepeophtheirus salmonis</i> miRNome: Sex-biased differences related to the coding and non-coding RNA interplay. <i>Marine Genomics</i> , 2019, 45, 38-47.	0.4	4
3114	GLUT1-mediated effective anti-miRNA21 pompon for cancer therapy. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 832-842.	5.7	25
3115	Functional interactions between scaffold proteins, noncoding RNAs, and genome loci induce liquid-liquid phase separation as organizing principle for 3-dimensional nuclear architecture: implications in cancer. <i>FASEB Journal</i> , 2019, 33, 5814-5822.	0.2	13
3116	MicroRNA-411 Inhibits Cervical Cancer Progression by Directly Targeting STAT3. <i>Oncology Research</i> , 2019, 27, 349-358.	0.6	29
3117	MiR145-5p inhibits proliferation of PMVECs via PAI-1 in experimental hepatopulmonary syndrome rat pulmonary microvascular hyperplasia. <i>Biology Open</i> , 2019, 8, .	0.6	3
3118	MicroRNA-548 regulates high mobility group box 1 expression in patients with preterm birth and chorioamnionitis. <i>Scientific Reports</i> , 2019, 9, 19746.	1.6	29
3119	The microRNA-708-5p/ZEB1/EMT axis mediates the metastatic potential of osteosarcoma. <i>Oncology Reports</i> , 2020, 43, 491-502.	1.2	15
3120	Hit two birds with one stone: the multiple properties of (viral) RNA silencing suppressors. <i>Virologie</i> , 2019, 23, 38-60.	0.1	0
3122	MicroRNAs in Pancreatic Cancer: biomarkers, prognostic, and therapeutic modulators. <i>BMC Cancer</i> , 2019, 19, 1130.	1.1	133
3123	MicroRNA-133b Alleviates Hypoxia Injury by Direct Targeting on NOD-Like Receptor Protein 3 in Rat H9c2 Cardiomyocyte. <i>Cardiology Research and Practice</i> , 2019, 2019, 1-8.	0.5	6
3124	Smooth Muscle Cells in Vascular Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, e247-e252.	1.1	54
3125	Potential Impact of MicroRNA Gene Polymorphisms in the Pathogenesis of Diabetes and Atherosclerotic Cardiovascular Disease. <i>Journal of Personalized Medicine</i> , 2019, 9, 51.	1.1	39
3126	The long non-coding RNA TUG1-miR-9a-5p axis contributes to ischemic injuries by promoting cardiomyocyte apoptosis via targeting KLF5. <i>Cell Death and Disease</i> , 2019, 10, 908.	2.7	41
3127	miR-636: A Newly-Identified Actor for the Regulation of Pulmonary Inflammation in Cystic Fibrosis. <i>Frontiers in Immunology</i> , 2019, 10, 2643.	2.2	11
3128	miRNA-Dependent Control of Homeostatic Plasticity in Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 536.	1.8	21

#	ARTICLE	IF	CITATIONS
3129	Cell-Free microRNAs as Potential Oral Cancer Biomarkers: From Diagnosis to Therapy. <i>Cells</i> , 2019, 8, 1653.	1.8	34
3130	MiRNA-disease interaction prediction based on kernel neighborhood similarity and multi-network bidirectional propagation. <i>BMC Medical Genomics</i> , 2019, 12, 185.	0.7	11
3131	Deciphering the role of miR-71 in <i>Echinococcus multilocularis</i> early development in vitro. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007932.	1.3	29
3132	Editorial focus: understanding off-target effects as the key to successful RNAi therapy. <i>Cellular and Molecular Biology Letters</i> , 2019, 24, 69.	2.7	85
3133	miR-1185-1 and miR-548q Are Biomarkers of Response to Weight Loss and Regulate the Expression of GSK3B. <i>Cells</i> , 2019, 8, 1548.	1.8	13
3134	Inhibition of miR-378a-3p by Inflammation Enhances IL-33 Levels: A Novel Mechanism of Alarmin Modulation in Ulcerative Colitis. <i>Frontiers in Immunology</i> , 2019, 10, 2449.	2.2	37
3135	A cell-based probabilistic approach unveils the concerted action of miRNAs. <i>PLoS Computational Biology</i> , 2019, 15, e1007204.	1.5	5
3136	Molecular expression profiles of selected microRNAs in colorectal adenocarcinoma in patients from south-eastern part of Romania. <i>Medicine (United States)</i> , 2019, 98, e18122.	0.4	7
3137	Liang-Ge-San, a Classic Traditional Chinese Medicine Formula, Attenuates Lipopolysaccharide-Induced Acute Lung Injury Through Up-Regulating miR-21. <i>Frontiers in Pharmacology</i> , 2019, 10, 1332.	1.6	20
3138	Epigenetics Mechanisms in Multiorgan Dysfunction Syndrome. <i>Anesthesia and Analgesia</i> , 2019, 129, 1422-1432.	1.1	11
3139	The Role of C-X-C Chemokine Receptor Type 4 (CXCR4) in Cell Adherence and Spheroid Formation of Human Ewing's Sarcoma Cells under Simulated Microgravity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6073.	1.8	11
3140	CircSLNN: Identifying RBP-Binding Sites on circRNAs via Sequence Labeling Neural Networks. <i>Frontiers in Genetics</i> , 2019, 10, 1184.	1.1	47
3141	DNA methylation directs microRNA biogenesis in mammalian cells. <i>Nature Communications</i> , 2019, 10, 5657.	5.8	89
3142	The Biology of mRNA: Structure and Function. <i>Advances in Experimental Medicine and Biology</i> , 2019, . .	0.8	3
3143	MiR-24-3p regulates cell proliferation and milk protein synthesis of mammary epithelial cells through menin in dairy cows. <i>Journal of Cellular Physiology</i> , 2019, 234, 1522-1533.	2.0	16
3144	miR-125b promotes tau phosphorylation by targeting the neural cell adhesion molecule in neuropathological progression. <i>Neurobiology of Aging</i> , 2019, 73, 41-49.	1.5	27
3145	The circulating miRNAs as diagnostic and prognostic markers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 932-953.	1.4	43
3146	DCAF1 (VprBP): emerging physiological roles for a unique dual-service E3 ubiquitin ligase substrate receptor. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 725-735.	1.5	26

#	ARTICLE	IF	CITATIONS
3147	miR-219a-5p inhibits tau phosphorylation by targeting TTBK1 and GSK-3 β in Alzheimer's disease. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 9936-9946.	1.2	39
3148	Relative antigenicity of components in vascularized composite allotransplants: An experimental study of microRNAs expression in rat hind limb transplantation model. <i>Microsurgery</i> , 2019, 39, 340-348.	0.6	13
3149	Cerebrospinal fluid biomarker for Parkinson's disease: An overview. <i>Molecular and Cellular Neurosciences</i> , 2019, 97, 60-66.	1.0	32
3150	MicroRNA-506 inhibits the proliferation and invasion of mantle cell lymphoma cells by targeting B7 H3. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 1067-1073.	1.0	24
3151	Patterns of expression of sperm and seminal plasma microRNAs in boar semen. <i>Theriogenology</i> , 2019, 125, 87-92.	0.9	8
3152	Induction of apoptosis in ovarian cancer cells by miR-493-3p directly targeting AKT2, STK38L, HMGA2, ETS1 and E2F5. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 539-559.	2.4	28
3153	Noncoding RNAs: potential regulators in cardiology. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H160-H168.	1.5	16
3154	Preliminary study on the effect of nucleolin specific aptamer-miRNA let-7d chimera on Janus kinase-2 expression level and activity in gastric cancer (MKN-45) cells. <i>Molecular Biology Reports</i> , 2019, 46, 207-215.	1.0	6
3156	The Role of microRNAs in the Gut-Liver Axis. , 2019, , 207-234.		0
3157	Novel upregulation of amyloid- β precursor protein (APP) by microRNA-346 via targeting of APP mRNA 5'-untranslated region: Implications in Alzheimer's disease. <i>Molecular Psychiatry</i> , 2019, 24, 345-363.	4.1	103
3158	Deep sequencing of small RNAs from 11 tissues of grass carp <i>Ctenopharyngodon idella</i> and discovery of sex-related microRNAs. <i>Journal of Fish Biology</i> , 2019, 94, 132-141.	0.7	5
3160	Elucidation for modulation of death receptor (DR) 5 to strengthen apoptotic signals in cancer cells. <i>Archives of Pharmacal Research</i> , 2019, 42, 88-100.	2.7	18
3161	Chronotypical characteristics and related miR-142-3p levels of children with attention deficit and hyperactivity disorder. <i>Psychiatry Research</i> , 2019, 273, 235-239.	1.7	13
3162	Role of SNHG7-miR-653-p53-STAT2 feedback loop in regulating neuroblastoma progression. <i>Journal of Cellular Physiology</i> , 2019, 234, 13403-13412.	2.0	46
3163	NOTCH1 Gene MicroRNA Target Variation and Ventricular Septal Defect Risk. <i>OMICS A Journal of Integrative Biology</i> , 2019, 23, 28-35.	1.0	6
3164	Long noncoding RNA NEAT1 promotes cell proliferation, migration, and invasion in hepatocellular carcinoma through interacting with miR-384. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 1997-2006.	1.2	22
3165	Let-7c regulates proliferation and osteodifferentiation of human adipose-derived mesenchymal stem cells under oxidative stress by targeting SCD-1. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C57-C69.	2.1	28
3166	Systems vaccinology and big data in the vaccine development chain. <i>Immunology</i> , 2019, 156, 33-46.	2.0	57

#	ARTICLE	IF	CITATIONS
3167	MicroRNAs in the Migration of Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 3-12.	5.6	15
3170	Detection of MicroRNA-Mediated Target mRNA Cleavage and 3' Uridylation in Human Cells by a SLA-RT-PCR Analysis. <i>Methods in Molecular Biology</i> , 2019, 1870, 125-136.	0.4	1
3171	miR-150-504-519d inhibits the growth of human colorectal cancer cell line SW48 and downregulates cFLIP receptor. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 7962-7969.	1.2	5
3172	Graphene oxide-based NET strategy for enhanced colorimetric sensing of miRNA. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 861-867.	4.0	35
3173	Fibromyalgia: Genetics and epigenetics insights may provide the basis for the development of diagnostic biomarkers. <i>Molecular Pain</i> , 2019, 15, 174480691881994.	1.0	88
3174	The Fibrillin-1 RGD Integrin Binding Site Regulates Gene Expression and Cell Function through microRNAs. <i>Journal of Molecular Biology</i> , 2019, 431, 401-421.	2.0	17
3175	Plant Epigenetics. , 2019, , 733-781.		2
3176	Paclitaxel resistance and the role of miRNAs in prostate cancer cell lines. <i>World Journal of Urology</i> , 2019, 37, 1117-1126.	1.2	19
3177	Let-7g inhibits synthesis of estradiol by downregulating activity of aromatase in JEG3 cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 1819-1826.	1.2	1
3178	Non-coding RNA regulation of endothelial and macrophage functions during atherosclerosis. <i>Vascular Pharmacology</i> , 2019, 114, 64-75.	1.0	60
3179	Silencing synaptic MicroRNA-411 reduces voluntary alcohol consumption in mice. <i>Addiction Biology</i> , 2019, 24, 604-616.	1.4	17
3180	A potential risk factor of essential hypertension in case-control study: MicroRNAs miR-10a-5p. <i>Clinical and Experimental Hypertension</i> , 2020, 42, 36-42.	0.5	4
3181	MicroRNA-301a promotes pancreatic cancer invasion and metastasis through the JAK/STAT3 signaling pathway by targeting SOCS5. <i>Carcinogenesis</i> , 2020, 41, 502-514.	1.3	46
3182	MIR137 polygenic risk is associated with schizophrenia and affects functional connectivity of the dorsolateral prefrontal cortex. <i>Psychological Medicine</i> , 2020, 50, 1510-1518.	2.7	9
3183	A novel lncRNA LINC01116 regulates tumorigenesis of glioma by targeting VEGFA. <i>International Journal of Cancer</i> , 2020, 146, 248-261.	2.3	67
3184	MicroRNA dysregulation in manic and euthymic patients with bipolar disorder. <i>Journal of Affective Disorders</i> , 2020, 261, 84-90.	2.0	29
3185	Evidence for miR-548c-5p regulation of FOXC2 transcription through a distal genomic target site in human podocytes. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2441-2459.	2.4	7
3186	RNA sequencing and functional analyses reveal regulation of novel drought-responsive, long-non-coding RNA in <i>Zanthoxylum bungeanum</i> Maxim. <i>Plant Growth Regulation</i> , 2020, 90, 425-440.	1.8	7

#	ARTICLE	IF	CITATIONS
3187	MicroRNA-140-5p inhibits the tumorigenesis of oral squamous cell carcinoma by targeting p21-activated kinase 4. <i>Cell Biology International</i> , 2020, 44, 145-154.	1.4	18
3188	The role of non-coding RNAs in neuroprotection and angiogenesis following ischemic stroke. <i>Metabolic Brain Disease</i> , 2020, 35, 31-43.	1.4	26
3189	MicroRNA-34a Regulates the Depression-like Behavior in Mice by Modulating the Expression of Target Genes in the Dorsal Raphe. <i>Molecular Neurobiology</i> , 2020, 57, 823-836.	1.9	18
3190	An investigation of the utility of plasma Cytomegalovirus (CMV) microRNA detection to predict CMV DNAemia in allogeneic hematopoietic stem cell transplant recipients. <i>Medical Microbiology and Immunology</i> , 2020, 209, 15-21.	2.6	8
3191	Liquiritigenin suppresses the activation of hepatic stellate cells via targeting miR-181b/PTEN axis. <i>Phytomedicine</i> , 2020, 66, 153108.	2.3	16
3192	Interactions between immune response to fungal infection and microRNAs: The pioneer tuners. <i>Mycoses</i> , 2020, 63, 4-20.	1.8	10
3193	A fluorescent signal "removal" sensor via duplex-specific nuclease-aided cleavage for miRNA detection in flow cytometry. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110570.	2.5	10
3194	MicroRNAs: Biological Regulators in Pathogen-Host Interactions. <i>Cells</i> , 2020, 9, 113.	1.8	61
3195	MicroRNAs: pivotal regulators in acute myeloid leukemia. <i>Annals of Hematology</i> , 2020, 99, 399-412.	0.8	14
3196	Circ_0009910 promotes imatinib resistance through ULK1-induced autophagy by sponging miR-34a-5p in chronic myeloid leukemia. <i>Life Sciences</i> , 2020, 243, 117255.	2.0	51
3197	A microRNA signature of toxic extrasynaptic N-methyl-D-aspartate (NMDA) receptor signaling. <i>Molecular Brain</i> , 2020, 13, 3.	1.3	7
3198	Identifying the differentially expressed microRNAs in autoimmunity: A systemic review and meta-analysis. <i>Autoimmunity</i> , 2020, 53, 122-136.	1.2	32
3199	The Role of MicroRNAs in Influencing Body Growth and Development. <i>Hormone Research in Paediatrics</i> , 2020, 93, 7-15.	0.8	24
3200	MicroRNAomic Transcriptomic Analysis Reveal Deregulation of Clustered Cellular Functions in Human Mesenchymal Stem Cells During in Vitro Passaging. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 222-238.	1.7	3
3201	miR-23a-3p and miR-23a-5p target CiGadd45ab to modulate inflammatory response and apoptosis in grass carp. <i>Fish and Shellfish Immunology</i> , 2020, 98, 34-44.	1.6	14
3202	MicroRNA-144 Silencing Protects Against Atherosclerosis in Male, but Not Female Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 412-425.	1.1	27
3203	Epigenetics of Autoimmune Diseases. , 2020, , 429-466.		1
3204	Regulation of the Poly(A) Status of Mitochondrial mRNA by Poly(A)-Specific Ribonuclease Is Conserved among Land Plants. <i>Plant and Cell Physiology</i> , 2020, 61, 470-480.	1.5	7

#	ARTICLE	IF	CITATIONS
3205	MicroRNA-147b promotes lung adenocarcinoma cell aggressiveness through negatively regulating microfibril-associated glycoprotein 4 (MFAP4) and affects prognosis of lung adenocarcinoma patients. <i>Gene</i> , 2020, 730, 144316.	1.0	23
3206	Influence of miRNA Gene Polymorphism on Recurrence and Age at Onset of Ischemic Stroke in a Chinese Han Population. <i>Neurotoxicity Research</i> , 2020, 37, 781-787.	1.3	6
3207	Integrating 808 nm Light-Excited Upconversion Luminescence Powering with DNA Tetrahedron Protection: An Exceptionally Precise and Stable Nanomachine for Intracellular MicroRNA Tracing. <i>ACS Sensors</i> , 2020, 5, 199-207.	4.0	17
3208	The role of microRNAs in acute lymphoblastic leukaemia: From biology to applications. <i>Cell Biochemistry and Function</i> , 2020, 38, 334-346.	1.4	9
3209	<i>Staphylococcus aureus</i> Biofilm Infection Compromises Wound Healing by Causing Deficiencies in Granulation Tissue Collagen. <i>Annals of Surgery</i> , 2020, 271, 1174-1185.	2.1	108
3210	MicroRNA-34a Acutely Regulates Synaptic Efficacy in the Adult Dentate Gyrus In Vivo. <i>Molecular Neurobiology</i> , 2020, 57, 1432-1445.	1.9	11
3211	microRNA-miRNA network model in patients with achalasia. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13764.	1.6	11
3212	2,5-hexanedione-induced deregulation of axon-related microRNA expression in rat nerve tissues. <i>Toxicology Letters</i> , 2020, 320, 95-102.	0.4	8
3213	microRNA: The Impact on Cancer Stemness and Therapeutic Resistance. <i>Cells</i> , 2020, 9, 8.	1.8	46
3214	miRNAs Predicted to Regulate Host Anti-viral Gene Pathways in IPNV-Challenged Atlantic Salmon Fry Are Affected by Viral Load, and Associated With the Major IPN Resistance QTL Genotypes in Late Infection. <i>Frontiers in Immunology</i> , 2020, 11, 2113.	2.2	28
3215	Exosome-mediated miR-9-5p promotes proliferation and migration of renal cancer cells both in vitro and in vivo by targeting SOCS4. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 1216-1224.	1.0	16
3216	Genome-wide profiling and predicted significance of post-mortem brain microRNA in Alzheimer's disease. <i>Mechanisms of Ageing and Development</i> , 2020, 191, 111352.	2.2	21
3217	MicroRNAs in oral cancer: Biomarkers with clinical potential. <i>Oral Oncology</i> , 2020, 110, 105002.	0.8	30
3218	Pinostilbene hydrate suppresses hepatic stellate cell activation via inhibition of miR-17-5p-mediated Wnt/ β^2 -catenin pathway. <i>Phytomedicine</i> , 2020, 79, 153321.	2.3	11
3219	Forsythoside A inhibits adhesion and migration of monocytes to type II alveolar epithelial cells in lipopolysaccharide-induced acute lung injury through upregulating miR-124. <i>Toxicology and Applied Pharmacology</i> , 2020, 407, 115252.	1.3	11
3220	microRNA-25 as a novel modulator of circadian Period2 gene oscillation. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1614-1626.	3.2	18
3221	Exosomes isolated from human cardiosphere-derived cells attenuate pressure overload-induced right ventricular dysfunction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 975-986.e6.	0.4	18
3222	Identification of Key Small Non-Coding MicroRNAs Controlling Pacemaker Mechanisms in the Human Sinus Node. <i>Journal of the American Heart Association</i> , 2020, 9, e016590.	1.6	17

#	ARTICLE	IF	CITATIONS
3223	MiR-200c sensitizes Olaparib-resistant ovarian cancer cells by targeting Neuropilin 1. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 3.	3.5	39
3224	Progressive Control of <i>Streptococcus agalactiae</i> -Induced Innate Inflammatory Response Is Associated with Time Course Expression of MicroRNA-223 by Neutrophils. <i>Infection and Immunity</i> , 2020, 88, .	1.0	8
3225	The Role of Micro-RNAs and Circulating Tumor Markers as Predictors of Response to Neoadjuvant Therapy in Locally Advanced Rectal Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7040.	1.8	26
3226	Zeptomolar-level one-pot simultaneous detection of multiple colorectal cancer microRNAs by cascade isothermal amplification. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112631.	5.3	19
3227	Factors affecting vitiligo response to treatment: do MiRNA 196a2C/T gene polymorphism and serum tyrosinase levels have any role?. <i>Journal of Dermatological Treatment</i> , 2022, 33, 1351-1355.	1.1	3
3228	microRNAs in oral cancer: Moving from bench to bed as next generation medicine. <i>Oral Oncology</i> , 2020, 111, 104916.	0.8	28
3229	Silencing miR-370-3p rescues funny current and sinus node function in heart failure. <i>Scientific Reports</i> , 2020, 10, 11279.	1.6	30
3230	MicroRNAs and Their Influence on the ZEB Family: Mechanistic Aspects and Therapeutic Applications in Cancer Therapy. <i>Biomolecules</i> , 2020, 10, 1040.	1.8	51
3231	QIMCMDA: MiRNA-Disease Association Prediction by q-Kernel Information and Matrix Completion. <i>Frontiers in Genetics</i> , 2020, 11, 594796.	1.1	1
3232	The promising role of noncoding RNAs in cancer-associated fibroblasts: an overview of current status and future perspectives. <i>Journal of Hematology and Oncology</i> , 2020, 13, 154.	6.9	28
3233	Tiny Regulators of Massive Tissue: MicroRNAs in Skeletal Muscle Development, Myopathies, and Cancer Cachexia. <i>Frontiers in Oncology</i> , 2020, 10, 598964.	1.3	23
3234	MicroRNA-381 is a Key Transcriptional Regulator: Its Biological Function and Clinical Application Prospects in Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 535665.	1.3	4
3235	microRNAs Biogenesis, Functions and Role in Tumor Angiogenesis. <i>Frontiers in Oncology</i> , 2020, 10, 581007.	1.3	122
3236	Regulation of Glycolysis by Non-coding RNAs in Cancer: Switching on the Warburg Effect. <i>Molecular Therapy - Oncolytics</i> , 2020, 19, 218-239.	2.0	87
3237	MiR-9-5p Inhibits the Proliferation, Migration and Invasion of Choroidal Melanoma by Targeting BRAF. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382095698.	0.8	7
3238	circ-NRIP1 Promotes Glycolysis and Tumor Progression by Regulating miR-186-5p/MYH9 Axis in Gastric Cancer. <i>Cancer Management and Research</i> , 2020, Volume 12, 5945-5956.	0.9	23
3239	Advances in oligonucleotide drug delivery. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 673-694.	21.5	1,036
3240	Inflammatory Breast Carcinoma: Elevated microRNA miR-181b-5p and Reduced miR-200b-3p, miR-200c-3p, and miR-203a-3p Expression as Potential Biomarkers with Diagnostic Value. <i>Biomolecules</i> , 2020, 10, 1059.	1.8	20

#	ARTICLE	IF	CITATIONS
3241	MicroRNA-Based Multitarget Approach for Alzheimer's Disease: Discovery of the First-In-Class Dual Inhibitor of Acetylcholinesterase and MicroRNA-15b Biogenesis. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9695-9704.	2.9	17
3242	Extracellular Vesicles in Acute Stroke Diagnostics. <i>Biomedicines</i> , 2020, 8, 248.	1.4	16
3243	Integrated analysis of mRNA and miRNA expression profiles reveals muscle growth differences between fast- and slow-growing king ratsnakes (<i>Elaphe carinata</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 248-249, 110482.	0.7	1
3244	Downregulation of miR-4755-5p promotes fluoride-induced osteoblast activation via targeting Cyclin D1. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 62, 126626.	1.5	5
3245	Serum-Derived microRNAs as Prognostic Biomarkers in Osteosarcoma: A Meta-Analysis. <i>Frontiers in Genetics</i> , 2020, 11, 789.	1.1	5
3246	Analytical Challenges in Development of Chemoresistance Predictors for Precision Oncology. <i>Analytical Chemistry</i> , 2020, 92, 12101-12110.	3.2	6
3247	Non-Coding RNAs and Nucleosome Remodeling Complexes: An Intricate Regulatory Relationship. <i>Biology</i> , 2020, 9, 213.	1.3	14
3248	Knockdown of Long Noncoding RNA Urothelial Carcinoma-Associated 1 Represses Gallbladder Cancer Advancement by Regulating SPOCK1 Expression Through Sponging miR-613. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2023, 38, 354-363.	0.7	3
3249	Phosphatase and Tensin Homolog (PTEN) of Japanese Flounder's Regulation by miRNA and Role in Autophagy, Apoptosis and Pathogen Infection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7725.	1.8	8
3250	The Effects of Single Nucleotide Polymorphisms in Cancer RNAi Therapies. <i>Cancers</i> , 2020, 12, 3119.	1.7	6
3251	Identification of Circulating miR-22-3p and miR-93-5p as Stable Endogenous Control in Tuberculosis Study. <i>Diagnostics</i> , 2020, 10, 868.	1.3	10
3252	MicroRNA-199a Inhibits Cell Proliferation, Migration, and Invasion and Activates AKT/mTOR Signaling Pathway by Targeting B7-H3 in Cervical Cancer. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382094224.	0.8	20
3253	The impact of miR-9 in osteosarcoma. <i>Medicine (United States)</i> , 2020, 99, e21902.	0.4	5
3254	Bioinformatics analysis of microRNA linked to ubiquitin proteasome system in traumatic osteonecrosis of the femoral head. <i>Medicine (United States)</i> , 2020, 99, e21706.	0.4	5
3255	AKT2 drives cancer progression and is negatively modulated by miR-124 in human lung adenocarcinoma. <i>Respiratory Research</i> , 2020, 21, 227.	1.4	23
3256	MiR-145-5p suppresses the proliferation, migration and invasion of gastric cancer epithelial cells via the ANGPT2/NOD_LIKE_RECEPTOR axis. <i>Cancer Cell International</i> , 2020, 20, 416.	1.8	28
3257	Small Non-coding RNAs: Do They Encode Answers for Controlling SARS-CoV-2 in the Future?. <i>Frontiers in Microbiology</i> , 2020, 11, 571553.	1.5	16
3258	MicroRNA miR-100 Decreases Glioblastoma Growth by Targeting SMARCA5 and ErbB3 in Tumor-Initiating Cells. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382096074.	0.8	14

#	ARTICLE	IF	CITATIONS
3259	<p></p>Carvedilol Alters Circulating MiR-1 and MiR-214 in Heart Failure</p>, Pharmacogenomics and Personalized Medicine, 2020, Volume 13, 375-383.	0.4	9
3260	Prognostic and Clinicopathological Significance of MiR-155 in Breast Cancer: A Systematic Review. International Journal of Molecular Sciences, 2020, 21, 5834.	1.8	17
3261	MicroRNAs: At the Interface of Metabolic Pathways and Inflammatory Responses by Macrophages. Frontiers in Immunology, 2020, 11, 1797.	2.2	22
3262	Epigenetic Mechanisms in Irritable Bowel Syndrome. Frontiers in Psychiatry, 2020, 11, 805.	1.3	23
3263	MicroRNA-203a regulates pancreatic β cell proliferation and apoptosis by targeting IRS2. Molecular Biology Reports, 2020, 47, 7557-7566.	1.0	4
3264	Plasma-Derived miRNA-222 as a Candidate Marker for Papillary Thyroid Cancer. International Journal of Molecular Sciences, 2020, 21, 6445.	1.8	20
3265	Interphotoreceptor Retinoid-Binding Protein (IRBP) in Retinal Health and Disease. Frontiers in Cellular Neuroscience, 2020, 14, 577935.	1.8	15
3266	miR-631 Inhibits Intrahepatic Metastasis of Hepatocellular Carcinoma by Targeting PTPRE. Frontiers in Oncology, 2020, 10, 565266.	1.3	15
3267	The Multifaceted Roles of MicroRNAs in Cystic Fibrosis. Diagnostics, 2020, 10, 1102.	1.3	13
3268	Extracellular RNAs in Bacterial Infections: From Emerging Key Players on Host-Pathogen Interactions to Exploitable Biomarkers and Therapeutic Targets. International Journal of Molecular Sciences, 2020, 21, 9634.	1.8	14
3269	Non-coding RNAs as Regulators of Cellular Senescence in Idiopathic Pulmonary Fibrosis and Chronic Obstructive Pulmonary Disease. Frontiers in Medicine, 2020, 7, 603047.	1.2	13
3270	MicroRNA-9 as a paradoxical but critical regulator of cancer metastasis: Implications in personalized medicine. Genes and Diseases, 2021, 8, 759-768.	1.5	5
3271	Morphine-mediated release of miR-138 in astrocyte-derived extracellular vesicles promotes microglial activation. Journal of Extracellular Vesicles, 2020, 10, e12027.	5.5	36
3272	The Role of Epigenetic Functionalization of Implants and Biomaterials in Osseointegration and Bone Regeneration—A Review. Molecules, 2020, 25, 5879.	1.7	7
3273	The Impact of Diet on the Involvement of Non-Coding RNAs, Extracellular Vesicles, and Gut Microbiome-Virome in Colorectal Cancer Initiation and Progression. Frontiers in Oncology, 2020, 10, 583372.	1.3	12
3274	Circular RNA Expression Profiling Identifies Glaucoma-Related Circular RNAs in Various Chronic Ocular Hypertension Rat Models. Frontiers in Genetics, 2020, 11, 556712.	1.1	15
3275	The Role of Circular RNAs in Pancreatic Ductal Adenocarcinoma and Biliary-Tract Cancers. Cancers, 2020, 12, 3250.	1.7	22
3276	<p></p>Epidemiologic Study of Gastric Cancer in Iran: A Systematic Review</p>. Clinical and Experimental Gastroenterology, 2020, Volume 13, 511-542.	1.0	26

#	ARTICLE	IF	CITATIONS
3277	Functional mechanism and clinical implications of <i>MicroRNAâ€“423</i> in human cancers. <i>Cancer Medicine</i> , 2020, 9, 9036-9051.	1.3	9
3278	Blockade of Discoidin Domain Receptor 2 as a Strategy for Reducing Inflammation and Joint Destruction in Rheumatoid Arthritis Via Altered Interleukinâ€“15 and Dkkâ€“1 Signaling in Fibroblastâ€“Like Synoviocytes. <i>Arthritis and Rheumatology</i> , 2020, 72, 943-956.	2.9	17
3279	miRNA regulation of social and anxiety-related behaviour. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4347-4364.	2.4	31
3280	Identification of microRNAs response to high light and salinity that involved in beta-carotene accumulation in microalga <i>Dunaliella salina</i> . <i>Algal Research</i> , 2020, 48, 101925.	2.4	17
3281	Exosomal miR-21 promotes proliferation, invasion and therapy resistance of colon adenocarcinoma cells through its target PDCD4. <i>Scientific Reports</i> , 2020, 10, 8271.	1.6	64
3282	Qiliqiangxin improves cardiac function and attenuates cardiac remodelling in doxorubicin-induced heart failure rats. <i>Pharmaceutical Biology</i> , 2020, 58, 417-426.	1.3	21
3283	<p>MiR-138 Suppresses the PDK1 Expression to Decrease the Oxaliplatin Resistance of Colorectal Cancer</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 3607-3618.	1.0	15
3284	The emerging roles of WBP2 oncogene in human cancers. <i>Oncogene</i> , 2020, 39, 4621-4635.	2.6	19
3285	The comprehensive upstream transcription and downstream targeting regulation network of miRNAs reveal potential diagnostic roles in gastric cancer. <i>Life Sciences</i> , 2020, 253, 117741.	2.0	6
3286	HuR promotes miRNA-mediated upregulation of NFÎ“B protein expression in MDSCs during murine sepsis. <i>Molecular Immunology</i> , 2020, 123, 97-105.	1.0	2
3287	Classification and function of <sc>RNA</sc>â€“protein interactions. <i>Wiley Interdisciplinary Reviews RNA</i> , 2020, 11, e1601.	3.2	26
3288	Identification and characterization of microRNAs (miRNAs) and their transposable element origins in the saltwater crocodile, <i>Crocodylus porosus</i> . <i>Analytical Biochemistry</i> , 2020, 602, 113781.	1.1	6
3289	A Loopâ€“Based and AGOâ€“Incorporated Virtual Screening Model Targeting AGOâ€“Mediated miRNAâ€“mRNA Interactions for Drug Discovery to Rescue Bone Phenotype in Genetically Modified Mice. <i>Advanced Science</i> , 2020, 7, 1903451.	5.6	111
3290	Base-pair conformational switch modulates miR-34a targeting of Sirt1 mRNA. <i>Nature</i> , 2020, 583, 139-144.	13.7	42
3291	Expression of MicroRNAs in Periodontal and Peri-Implant Diseases: A Systematic Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4147.	1.8	33
3292	Long non-coding RNA SNHG7 promotes neuroblastoma progression through sponging miR-323a-5p and miR-342-5p. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110293.	2.5	11
3293	Use of Stem Cell Extracellular Vesicles as a â€œHolisticâ€ Approach to CNS Repair. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 455.	1.8	24
3294	Immunomodulatory role for MicroRNAs: Regulation of PD-1/PD-L1 and CTLA-4 immune checkpoints expression. <i>Gene</i> , 2020, 754, 144888.	1.0	24

#	ARTICLE	IF	CITATIONS
3295	Non-coding RNAs in Ischemic Stroke: Roles in the Neuroinflammation and Cell Death. <i>Neurotoxicity Research</i> , 2020, 38, 564-578.	1.3	16
3296	Upregulation of microRNA-1303 is a potential prognostic marker of non-small cell lung cancer. <i>Cancer Biomarkers</i> , 2020, 28, 439-446.	0.8	10
3297	A species-specific miRNA participates in biomineralization by targeting CDS regions of Prasilkin-39 and ACCBP in <i>Pinctada fucata</i> . <i>Scientific Reports</i> , 2020, 10, 8971.	1.6	15
3298	LncRNA ZEB1-AS1 promotes pancreatic cancer progression by regulating miR-505-3p/TRIB2 axis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 644-649.	1.0	15
3299	MIR205HG acts as a ceRNA to expedite cell proliferation and progression in lung squamous cell carcinoma via targeting miR-299-3p/MAP3K2 axis. <i>BMC Pulmonary Medicine</i> , 2020, 20, 163.	0.8	24
3300	MicroRNA-182-5p protects human lens epithelial cells against oxidative stress-induced apoptosis by inhibiting NOX4 and p38 MAPK signalling. <i>BMC Ophthalmology</i> , 2020, 20, 233.	0.6	16
3301	miR-181a Modulation of ERK-MAPK Signaling Sustains DC-SIGN Expression and Limits Activation of Monocyte-Derived Dendritic Cells. <i>Cell Reports</i> , 2020, 30, 3793-3805.e5.	2.9	14
3302	miRNAs in NK Cell-Based Immune Responses and Cancer Immunotherapy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 119.	1.8	26
3303	Downregulation of miR-484 is associated with poor prognosis and tumor progression of gastric cancer. <i>Diagnostic Pathology</i> , 2020, 15, 25.	0.9	11
3304	MiR-130a-3p Inhibits PRL Expression and Is Associated With Heat Stress-Induced PRL Reduction. <i>Frontiers in Endocrinology</i> , 2020, 11, 92.	1.5	13
3305	Cellular and molecular features of skeletal muscle growth and plasticity. , 2020, , 163-183.		0
3306	MicroRNA-155 Implication in M1 Polarization and the Impact in Inflammatory Diseases. <i>Frontiers in Immunology</i> , 2020, 11, 625.	2.2	30
3307	miR-149 and miR-499 gene polymorphism and the incident of ischemic stroke in the Asian population: From a case-control study to meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2020, 193, 105789.	0.6	6
3308	Non-coding RNAs having strong positive interaction with mRNAs reveal their regulatory nature during flowering in a wild relative of pigeonpea (<i>Cajanus scarabaeoides</i>). <i>Molecular Biology Reports</i> , 2020, 47, 3305-3317.	1.0	11
3309	Mitochondria in the Pulmonary Vasculature in Health and Disease: Oxygen Sensing, Metabolism, and Dynamics. , 2020, 10, 713-765.		39
3310	miR-103a-3p Suppresses Cell Proliferation and Invasion by Targeting Tumor Protein D52 in Prostate Cancer. <i>Journal of Investigative Surgery</i> , 2021, 34, 984-992.	0.6	20
3311	Silencing of p53 reduces cell migration in human Tenon's fibroblasts induced by TGF- β 2. <i>International Ophthalmology</i> , 2020, 40, 1509-1516.	0.6	5
3312	Non-coding RNAs and nuclear architecture during epithelial-mesenchymal transition in lung cancer and idiopathic pulmonary fibrosis. <i>Cellular Signalling</i> , 2020, 70, 109593.	1.7	22

#	ARTICLE	IF	CITATIONS
3313	ACOD1 in immunometabolism and disease. <i>Cellular and Molecular Immunology</i> , 2020, 17, 822-833.	4.8	88
3314	LDL Receptor Pathway Regulation by miR-224 and miR-520d. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 81.	1.1	13
3315	Cholinergic Stress Signals Accompany MicroRNA-Associated Stereotypic Behavior and Glutamatergic Neuromodulation in the Prefrontal Cortex. <i>Biomolecules</i> , 2020, 10, 848.	1.8	2
3316	Pancreatic stellate cells derived exosomal miR-5703 promotes pancreatic cancer by downregulating CMTM4 and activating PI3K/Akt pathway. <i>Cancer Letters</i> , 2020, 490, 20-30.	3.2	58
3317	Differential expression of microRNAs in mud crab <i>Scylla paramamosain</i> in response to white spot syndrome virus (WSSV) infection. <i>Fish and Shellfish Immunology</i> , 2020, 105, 1-7.	1.6	9
3318	Statin Treatment-Induced Development of Type 2 Diabetes: From Clinical Evidence to Mechanistic Insights. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4725.	1.8	66
3319	miR-615 Fine-Tunes Growth and Development and Has a Role in Cancer and in Neural Repair. <i>Cells</i> , 2020, 9, 1566.	1.8	18
3320	MiRNA Targeted NP Genome of Live Attenuated Influenza Vaccines Provide Cross-Protection against a Lethal Influenza Virus Infection. <i>Vaccines</i> , 2020, 8, 65.	2.1	9
3321	Emergence of Circulating MicroRNAs in Breast Cancer as Diagnostic and Therapeutic Efficacy Biomarkers. <i>Molecular Diagnosis and Therapy</i> , 2020, 24, 153-173.	1.6	44
3322	MicroRNAs, DNA damage response and ageing. <i>Biogerontology</i> , 2020, 21, 275-291.	2.0	27
3323	CFIm25-regulated lncRNA acv3UTR promotes gastric tumorigenesis via miR-590-5p/YAP1 axis. <i>Oncogene</i> , 2020, 39, 3075-3088.	2.6	11
3324	Increased DSG2 plasmatic levels identified by transcriptomic-based secretome analysis is a potential prognostic biomarker in laryngeal carcinoma. <i>Oral Oncology</i> , 2020, 103, 104592.	0.8	12
3325	Plasma microRNA profiles: identification of miR-1229-3p as a novel chemoresistant and prognostic biomarker in gastric cancer. <i>Scientific Reports</i> , 2020, 10, 3161.	1.6	21
3326	Alteration in Expression of miR-32 and FBXW7 Tumor Suppressor in Plasma Samples of Patients with T-cell Acute Lymphoblastic Leukemia. <i>Cancer Management and Research</i> , 2020, Volume 12, 1253-1259.	0.9	7
3327	BDNF as a Promising Therapeutic Agent in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1170.	1.8	260
3328	Role of Endogenous Regulators of Hem- And Lymphangiogenesis in Corneal Transplantation. <i>Journal of Clinical Medicine</i> , 2020, 9, 479.	1.0	10
3329	Unraveling survivin expression in chronic myeloid leukemia: Molecular interactions and clinical implications. <i>Blood Reviews</i> , 2020, 43, 100671.	2.8	13
3330	MiR-326 targets MDK to regulate the progression of cardiac hypertrophy through blocking JAK/STAT and MAPK signaling pathways. <i>European Journal of Pharmacology</i> , 2020, 872, 172941.	1.7	21

#	ARTICLE	IF	CITATIONS
3331	Defining the origin and function of bovine milk proteins through genomics: The biological implications of manipulation and modification. , 2020, , 143-171.		2
3332	Monitoring Therapy Efficiency in Cancer through Extracellular Vesicles. <i>Cells</i> , 2020, 9, 130.	1.8	21
3333	Mir-let-7a/g Enhances Uterine Receptivity via Suppressing Wnt/ β -Catenin Under the Modulation of Ovarian Hormones. <i>Reproductive Sciences</i> , 2020, 27, 1164-1174.	1.1	17
3334	Oxidative Stress-Responsive MicroRNAs in Heart Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 358.	1.8	113
3335	MicroRNAs as major regulators of the autophagy pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118662.	1.9	56
3336	Inhibition of miR-155 in MCF7 breast cancer cell line by gold nanoparticles functionalized with antagomir and AS1411 aptamer. <i>Journal of Cellular Physiology</i> , 2020, 235, 6887-6895.	2.0	39
3337	miR-148 targets CiGadd45ba and CiGadd45bb to modulate the inflammatory response to bacterial infection in grass carp. <i>Developmental and Comparative Immunology</i> , 2020, 106, 103611.	1.0	12
3338	Small RNA and mRNA Sequencing Reveal the Roles of microRNAs Involved in Pomegranate Female Sterility. <i>International Journal of Molecular Sciences</i> , 2020, 21, 558.	1.8	6
3339	Significant changes in synovial fluid microRNAs after high tibial osteotomy in medial compartmental knee osteoarthritis: Identification of potential prognostic biomarkers. <i>PLoS ONE</i> , 2020, 15, e0227596.	1.1	19
3340	Highly-expressed microRNA-21 in adipose derived stem cell exosomes can enhance the migration and proliferation of the HaCaT cells by increasing the MMP-9 expression through the PI3K/AKT pathway. <i>Archives of Biochemistry and Biophysics</i> , 2020, 681, 108259.	1.4	85
3341	Adipose Stem Cell-Derived Extracellular Vesicles Induce Proliferation of Schwann Cells via Internalization. <i>Cells</i> , 2020, 9, 163.	1.8	33
3342	Potential Clinical Implications of miR-1 and miR-21 in Heart Disease and Cardioprotection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 700.	1.8	63
3343	Intragenic MicroRNAs Autoregulate Their Host Genes in Both Direct and Indirect Ways—A Cross-Species Analysis. <i>Cells</i> , 2020, 9, 232.	1.8	15
3344	MiR-93 Inhibits Trophoblast Cell Proliferation and Promotes Cell Apoptosis by Targeting BCL2L2 in Recurrent Spontaneous Abortion. <i>Reproductive Sciences</i> , 2020, 27, 152-162.	1.1	26
3345	MIR-429/200a/200b negatively regulate Notch1 signaling pathway to suppress CoCl ₂ -induced apoptosis in PC12 cells. <i>Toxicology in Vitro</i> , 2020, 65, 104787.	1.1	11
3346	Potential of activated microglia as a source of dysregulated extracellular microRNAs contributing to neurodegeneration in amyotrophic lateral sclerosis. <i>Journal of Neuroinflammation</i> , 2020, 17, 135.	3.1	25
3347	The Progressive Mutagenic Effects of Acidic Bile Refluxate in Hypopharyngeal Squamous Cell Carcinogenesis: New Insights. <i>Cancers</i> , 2020, 12, 1064.	1.7	12
3348	What microRNAs could tell us about the human X chromosome. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4069-4080.	2.4	46

#	ARTICLE	IF	CITATIONS
3349	Detection of cellular miRNAs in plasma of <i>Salmo salar</i> during an ISAV infection. <i>Aquaculture Reports</i> , 2020, 17, 100320.	0.7	5
3350	Long Non-Coding RNA CASC19 Promotes Oncogenicity of Clear Cell Renal Cell Carcinoma by Increasing ETS1 Expression. <i>Cancer Management and Research</i> , 2020, Volume 12, 2195-2207.	0.9	17
3351	Identification and characterization of hemocyte microRNAs in mud crab <i>Scylla paramamosain</i> in response to <i>Vibrio parahemolyticus</i> infection. <i>Aquaculture</i> , 2020, 524, 735288.	1.7	6
3352	Microparticles in the pathogenesis of TB: Novel perspectives for diagnostic and therapy management of <i>Mycobacterium tuberculosis</i> infection. <i>Microbial Pathogenesis</i> , 2020, 144, 104176.	1.3	3
3353	Environmental pollutants modulate RNA and DNA virus-activated miRNA-155 expression and innate immune system responses: Insights into new immunomodulative mechanisms*. <i>Journal of Immunotoxicology</i> , 2020, 17, 86-93.	0.9	21
3354	Formaldehyde Exposure and Epigenetic Effects: A Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2319.	1.3	8
3355	The Encystment-Related MicroRNAs and Its Regulation Molecular Mechanism in <i>Pseudourostyla cristata</i> Revealed by High Throughput Small RNA Sequencing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2309.	1.8	5
3356	circHMCU Promotes Proliferation and Metastasis of Breast Cancer by Sponging the let-7 Family. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 20, 518-533.	2.3	40
3357	Immune and central nervous system-related miRNAs expression profiling in monocytes of multiple sclerosis patients. <i>Scientific Reports</i> , 2020, 10, 6125.	1.6	27
3358	miRNA 146a-5p-loaded poly(D,L-lactic-co-glycolic acid) Nanoparticles impair pain behaviors by inhibiting multiple inflammatory pathways in microglia. <i>Nanomedicine</i> , 2020, 15, 1113-1126.	1.7	17
3359	Genomic and molecular alterations in human inflammatory bowel disease-associated colorectal cancer. <i>United European Gastroenterology Journal</i> , 2020, 8, 675-684.	1.6	25
3360	Lymphotoxin beta receptor is associated with regulation of microRNAs expression and nuclear factor-kappa B activation in lipopolysaccharides (LPS)-stimulated vascular smooth muscle cells. <i>Annals of Palliative Medicine</i> , 2020, 9, 805-815.	0.5	3
3361	Express and sensitive detection of multiple miRNAs via DNA cascade reactors functionalized photonic crystal array. <i>Science China Chemistry</i> , 2020, 63, 731-740.	4.2	11
3362	MicroRNA regulation of Toll-like receptor, RIG-like receptor and Nod-like receptor pathways in teleost fish. <i>Reviews in Aquaculture</i> , 2020, 12, 2177-2193.	4.6	35
3363	Targeting of CD38 by the Tumor Suppressor miR-26a Serves as a Novel Potential Therapeutic Agent in Multiple Myeloma. <i>Cancer Research</i> , 2020, 80, 2031-2044.	0.4	36
3364	Cullin-7 (CUL7) is overexpressed in glioma cells and promotes tumorigenesis via NF- κ B activation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 59.	3.5	41
3365	Translational Control of Secretory Proteins in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2538.	1.8	24
3366	Circulating miR-3135b and miR-107 are potential biomarkers for severe hypertension. <i>Journal of Human Hypertension</i> , 2021, 35, 343-350.	1.0	12

#	ARTICLE	IF	CITATIONS
3367	MiR-129-5p Restrains Apatinib Resistance in Human Gastric Cancer Cells Via Downregulating HOXC10. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2021, 36, 95-105.	0.7	6
3368	miR-122-5p Mediates Fluoride-Induced Osteoblast Activation by Targeting CDK4. <i>Biological Trace Element Research</i> , 2021, 199, 1215-1227.	1.9	8
3369	Synthetic Biological Circuits within an Orthogonal Central Dogma. <i>Trends in Biotechnology</i> , 2021, 39, 59-71.	4.9	42
3370	miR-30a-5p Inhibits Epithelial-to-Mesenchymal Transition by Targeting CDK6 in Nasal Polyps. <i>American Journal of Rhinology and Allergy</i> , 2021, 35, 152-163.	1.0	7
3371	The roles of <i>hnRNP A2/B1</i> in <i>RNA</i> biology and disease. <i>Wiley Interdisciplinary Reviews RNA</i> , 2021, 12, e1612.	3.2	79
3372	Oncogenic role of <i>MIR516A</i> in human bladder cancer was mediated by its attenuating PHLPP2 expression and BECN1-dependent autophagy. <i>Autophagy</i> , 2021, 17, 840-854.	4.3	12
3373	New Insights Into the Comorbidity of Coronary Heart Disease and Depression. <i>Current Problems in Cardiology</i> , 2021, 46, 100413.	1.1	32
3374	MicroRNA-155-5p/EPAS1/interleukin 6 pathway participated in the protection function of sphingosylphosphorylcholine to ischemic cardiomyocytes. <i>Life Sciences</i> , 2021, 264, 118692.	2.0	5
3375	DNA polymerase/NEase-assisted signal amplification coupled with silver nanoclusters for simultaneous detection of multiple microRNAs and molecular logic operations. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128915.	4.0	8
3376	Dietary microRNAs and cancer: A new therapeutic approach?. <i>Seminars in Cancer Biology</i> , 2021, 73, 19-29.	4.3	25
3377	miRNAs and radiotherapy response in prostate cancer. <i>Andrology</i> , 2021, 9, 529-545.	1.9	15
3378	MicroRNA-99 family in cancer and immunity. <i>Wiley Interdisciplinary Reviews RNA</i> , 2021, 12, e1635.	3.2	23
3379	miR-221 Exerts Neuroprotective Effects in Ischemic Stroke by Inhibiting the Proinflammatory Response. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105489.	0.7	17
3380	New insights into the interplay between miRNAs and autophagy in the aging of intervertebral discs. <i>Ageing Research Reviews</i> , 2021, 65, 101227.	5.0	46
3381	Interaction Between microRNA and DNA Methylation in Atherosclerosis. <i>DNA and Cell Biology</i> , 2021, 40, 101-115.	0.9	17
3382	Micro-RNAs in the regulation of immune response against SARS CoV-2 and other viral infections. <i>Journal of Advanced Research</i> , 2021, 30, 133-145.	4.4	45
3383	The miR-623/CXCL12 axis inhibits LPS-induced nucleus pulposus cell apoptosis and senescence. <i>Mechanisms of Ageing and Development</i> , 2021, 194, 111417.	2.2	23
3384	Human Serum Albumin@Gold Nanoparticle Based Impedimetric Sensor for Sensitive Detection of miRNA-200c. <i>Electroanalysis</i> , 2021, 33, 925-935.	1.5	7

#	ARTICLE	IF	CITATIONS
3385	Transferability of miRNA technology to bioprocessing: Influence of cultivation mode and media. <i>Biotechnology Progress</i> , 2021, 37, e3107.	1.3	7
3386	Thymoquinone alleviates liver fibrosis via miR-30a-mediated epithelial-mesenchymal transition. <i>Journal of Cellular Physiology</i> , 2021, 236, 3629-3640.	2.0	10
3387	Deep small RNA-Seq reveals microRNAs expression profiles in lactating mammary gland of 2 sheep breeds with different milk performance. <i>Domestic Animal Endocrinology</i> , 2021, 74, 106561.	0.8	8
3388	Linking emerging contaminants exposure to adverse health effects: Crosstalk between epigenome and environment. <i>Journal of Applied Toxicology</i> , 2021, 41, 878-897.	1.4	12
3389	Circulating miR-15b, miR-34a and miR-218 as promising novel early low-invasive biomarkers of cervical carcinogenesis. <i>Apmis</i> , 2021, 129, 70-79.	0.9	3
3390	Precise targeting of miR-141/200c cluster in chondrocytes attenuates osteoarthritis development. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 356-366.	0.5	40
3391	Probing the molecular mechanism of aggressive infection by antimony resistant <i>Leishmania donovani</i> . <i>Cytokine</i> , 2021, 145, 155245.	1.4	15
3392	miR-145 attenuates cardiac fibrosis through the AKT/GSK-3 β /E-catenin signaling pathway by directly targeting SOX9 in fibroblasts. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 209-221.	1.2	30
3393	Rosmarinic acid inhibits migration, invasion, and p38/AP-1 signaling via miR-1225-5p in colorectal cancer cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2021, 41, 284-293.	1.3	14
3394	The role of microRNAs in epithelial to mesenchymal transition and cancers; focusing on mir-200 family. <i>Cancer Treatment and Research Communications</i> , 2021, 28, 100385.	0.7	6
3395	Long non-coding RNA nuclear enriched abundant transcript 1 (NEAT1) sponges microRNA-124-3p to up-regulate phosphodiesterase 4B (PDE4B) to accelerate the progression of Parkinson's disease. <i>Bioengineered</i> , 2021, 12, 708-719.	1.4	29
3396	Hypoxia downregulated miR-4521 suppresses gastric carcinoma progression through regulation of IGF2 and FOXM1. <i>Molecular Cancer</i> , 2021, 20, 9.	7.9	41
3397	LINC01224 Promotes Colorectal Cancer Progression by Sponging miR-2467. <i>Cancer Management and Research</i> , 2021, Volume 13, 733-742.	0.9	8
3398	Crosslinking Immunoprecipitation and (CLIP-qPCR) Analysis to Map Interactions of Long Noncoding with Canonical and Non-canonical RNA-Binding. <i>Methods in Molecular Biology</i> , 2021, 2372, 11-18.	0.4	1
3399	MicroRNAs in the silkworm-pathogen interactions. <i>Methods in Microbiology</i> , 2021, 49, 97-113.	0.4	3
3400	Berberine exerts antidepressant-like effects via regulating miR-34a-synaptotagmin1/Bcl-2 axis. <i>Chinese Herbal Medicines</i> , 2021, 13, 116-123.	1.2	10
3401	The miR-199a/214 Cluster Controls Nephrogenesis and Vascularization in a Human Embryonic Stem Cell Model. <i>Stem Cell Reports</i> , 2021, 16, 134-148.	2.3	7
3402	Intracellular enzyme-powered DNA circuit with a tunable amplifier for miRNA imaging. <i>Chemical Communications</i> , 2021, 57, 3753-3756.	2.2	11

#	ARTICLE	IF	CITATIONS
3403	microRNAs as Early Biomarkers of Alzheimer's Disease: A Synaptic Perspective. <i>Cells</i> , 2021, 10, 113.	1.8	37
3404	Comparing the hippocampal miRNA expression profiles of wild and domesticated Chinese tree shrews (<i>Tupaia belangeri chinensis</i>). <i>Bmc Ecology and Evolution</i> , 2021, 21, 12.	0.7	2
3405	Association between Genetic Polymorphisms of miR-1307, miR-1269, miR-3117 and Breast Cancer Risk in a Sample of South East Iranian Women. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 201-208.	0.5	7
3406	MyoData: An expression knowledgebase at single cell/nucleus level for the discovery of coding-noncoding RNA functional interactions in skeletal muscle. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 4142-4155.	1.9	4
3407	Nutrients and phytonutrients as promising epigenetic nutraceuticals. , 2021, , 741-816.		1
3408	New Insights into the Role of Ferritin in Iron Homeostasis and Neurodegenerative Diseases. <i>Molecular Neurobiology</i> , 2021, 58, 2812-2823.	1.9	78
3410	Pterostilbene and cancer chemoprevention. , 2021, , 451-463.		0
3411	Tiny miRNAs Play a Big Role in the Treatment of Breast Cancer Metastasis. <i>Cancers</i> , 2021, 13, 337.	1.7	13
3412	miR299a-5p promotes renal fibrosis by suppressing the antifibrotic actions of follistatin. <i>Scientific Reports</i> , 2021, 11, 88.	1.6	5
3413	The G4 resolvase RHAU modulates mRNA translation and stability to sustain postnatal heart function and regeneration. <i>Journal of Biological Chemistry</i> , 2021, 296, 100080.	1.6	6
3414	Genetics of Fibromyalgia. , 2021, , 109-118.		0
3415	Effects of miR-185-5p on replication of hepatitis C virus. <i>Open Life Sciences</i> , 2021, 16, 752-757.	0.6	3
3416	RNA-Mediated Metabolic Defects in Microsatellite Expansion Diseases. , 2021, , 153-178.		0
3417	Oxidative Stress in the Pathogenesis of Crohn's Disease and the Interconnection with Immunological Response, Microbiota, External Environmental Factors, and Epigenetics. <i>Antioxidants</i> , 2021, 10, 64.	2.2	41
3418	Alcohol use disorder and associated alterations in brain epigenetic marks. , 2021, , 599-617.		0
3419	Evaluation of the clinical significance of RNase III enzyme DROSHA in pediatric acute lymphocytic leukemia. <i>Molecular Biology Reports</i> , 2021, 48, 451-456.	1.0	1
3420	Deterministic and stochastic dynamics in a gene regulatory network mediated by miRNA. <i>Nonlinear Dynamics</i> , 2021, 103, 2903-2916.	2.7	5
3421	Comprehensive analysis of regulation of DNA methyltransferase isoforms in human breast tumors. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 937-971.	1.2	19

#	ARTICLE	IF	CITATIONS
3422	Significant Changes in Serum MicroRNAs after High Tibial Osteotomy in Medial Compartmental Knee Osteoarthritis: Potential Prognostic Biomarkers. <i>Diagnostics</i> , 2021, 11, 258.	1.3	3
3423	Re-expression of miR-200s in claudin-1 low mammary tumor cells alters cell shape and reduces proliferation and invasion potentially through modulating other miRNAs and SÜZ12 regulated genes. <i>Cancer Cell International</i> , 2021, 21, 89.	1.8	9
3424	NCAPG upregulation mediated by four microRNAs combined with activation of the p53 signaling pathway is a predictor of poor prognosis in patients with breast cancer. <i>Oncology Letters</i> , 2021, 21, 323.	0.8	12
3425	Clinical Utility of microRNAs in Exhaled Breath Condensate as Biomarkers for Lung Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 111.	1.1	13
3426	Regulation of Latency and Reactivation by Human Cytomegalovirus miRNAs. <i>Pathogens</i> , 2021, 10, 200.	1.2	16
3428	Serum microRNA Levels in Diabetes Mellitus. <i>Diagnostics</i> , 2021, 11, 284.	1.3	9
3429	piRNAs as Modulators of Disease Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2373.	1.8	28
3430	Potential Target miR-455 Delaying Arterial Stenosis Progression Through PTEN. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 611116.	1.1	2
3431	Clinico-Pathological Importance of miR-146a in Lung Cancer. <i>Diagnostics</i> , 2021, 11, 274.	1.3	19
3432	Small RNAs as biomarkers to differentiate benign and malign prostate diseases: An alternative for transrectal punch biopsy of the prostate?. <i>PLoS ONE</i> , 2021, 16, e0247930.	1.1	12
3433	LINCO0958 promotes the proliferation of TSCC via miR-211-5p/CENPK axis and activating the JAK/STAT3 signaling pathway. <i>Cancer Cell International</i> , 2021, 21, 147.	1.8	21
3434	MALAT1 rs619586 A/G polymorphisms are associated with decreased risk of lung cancer. <i>Medicine (United States)</i> , 2021, 100, e23716.	0.4	8
3435	microRNA-21: a key modulator in oncogenic viral infections. <i>RNA Biology</i> , 2021, 18, 809-817.	1.5	8
3436	Exosomal microRNA-301a-3p promotes the proliferation and invasion of nasopharyngeal carcinoma cells by targeting BTG1 mRNA. <i>Molecular Medicine Reports</i> , 2021, 23, .	1.1	12
3437	Modifications of Plasma Membrane Organization in Cancer Cells for Targeted Therapy. <i>Molecules</i> , 2021, 26, 1850.	1.7	19
3438	MicroRNA 21 Emerging Role in Diabetic Complications: A Critical Update. <i>Current Diabetes Reviews</i> , 2021, 17, 122-135.	0.6	25
3439	Exosomal miR-106b-5p derived from melanoma cell promotes primary melanocytes epithelial-mesenchymal transition through targeting EphA4. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 107.	3.5	21
3440	Single-Nucleotide Variants in microRNAs Sequences or in their Target Genes Might Influence the Risk of Epilepsy: A Review. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 1645-1658.	1.7	5

#	ARTICLE	IF	CITATIONS
3441	Integrated microRNA and transcriptome profiling reveal key miRNA-mRNA interaction pairs associated with seed development in Tartary buckwheat (<i>Fagopyrum tataricum</i>). <i>BMC Plant Biology</i> , 2021, 21, 132.	1.6	11
3442	Non-coding RNAs in Cardiac Regeneration. <i>Frontiers in Physiology</i> , 2021, 12, 650566.	1.3	17
3443	Advances in single-molecule fluorescent nanosensors. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1716.	3.3	19
3444	Cooperative Regulation of Flavonoid and Lignin Biosynthesis in Plants. <i>Critical Reviews in Plant Sciences</i> , 2021, 40, 109-126.	2.7	42
3445	Two novel microRNAs and their association with absolute blood pressure parameters in an urban South African community. <i>Molecular Biology Reports</i> , 2021, 48, 2553-2560.	1.0	2
3446	miR-23a/b suppress cGAS-mediated innate and autoimmunity. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1235-1248.	4.8	15
3447	Tmprss2 specific miRNAs as promising regulators for SARS-CoV-2 entry checkpoint. <i>Virus Research</i> , 2021, 294, 198275.	1.1	28
3449	MicroRNA Let-7c-5p-Mediated Regulation of ERCC6 Disrupts Autophagic Flux in Age-Related Cataract via the Binding to VCP. <i>Current Eye Research</i> , 2021, 46, 1353-1362.	0.7	8
3450	MicroRNA-mediated regulation of glucose and lipid metabolism. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 425-438.	16.1	154
3451	Identification and integrated analysis of differentially expressed long non-coding RNAs associated with periodontitis in humans. <i>Journal of Periodontal Research</i> , 2021, 56, 679-689.	1.4	10
3453	MicroRNA-based therapy of postmyocardial infarction heart failure. <i>Hellenic Journal of Cardiology</i> , 2021, 62, 149-151.	0.4	2
3454	PI3 kinase signaling pathway in hematopoietic cancers: A glance in miRNA's role. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23725.	0.9	13
3455	LINC01116 promotes the proliferation and invasion of glioma by regulating the microRNA-744-MDM2-p53 axis. <i>Molecular Medicine Reports</i> , 2021, 23, .	1.1	5
3456	Monocyte chemoattractant protein-induced protein 1 directly degrades viral miRNAs with a specific motif and inhibits KSHV infection. <i>Nucleic Acids Research</i> , 2021, 49, 4456-4471.	6.5	3
3457	CRISPR-powered electrochemical microfluidic multiplexed biosensor for target amplification-free miRNA diagnostics. <i>Biosensors and Bioelectronics</i> , 2021, 177, 112887.	5.3	117
3458	LncRNA LINC01535 promotes colorectal cancer development and chemoresistance by sponging miR-761. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 685.	0.8	8
3459	Emerging urinary alpha-synuclein and miRNA biomarkers in Parkinson's disease. <i>Metabolic Brain Disease</i> , 2022, 37, 1687-1696.	1.4	4
3460	The usefulness of microRNA in urine and saliva as a biomarker of gastroenterological cancer. <i>International Journal of Clinical Oncology</i> , 2021, 26, 1431-1440.	1.0	12

#	ARTICLE	IF	CITATIONS
3461	miR-451a levels rather than human papillomavirus vaccine administration is associated with the severity of murine experimental autoimmune encephalomyelitis. <i>Scientific Reports</i> , 2021, 11, 9369.	1.6	4
3462	Meta-analysis of association of microRNAs genetic variants with susceptibility to rheumatoid arthritis and systemic lupus erythematosus. <i>Medicine (United States)</i> , 2021, 100, e25689.	0.4	6
3463	ДоєД,Ñ€ Д¼4Д,Д°Ñ€Д¼ДДДš Д³ДµД;Д°Ñ,Д³4Д±Д,Д»Д,Д°Ñ€Д¼Д³4Д¹ ÑД,ÑÑ,ДµД¼4Ñ«. ZdorovÉ1e Rebenka, 2021,016, 84-93.		
3464	Unresolved Issues in RNA Therapeutics in Vascular Diseases With a Focus on Aneurysm Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 571076.	1.1	4
3465	The Involvement of MicroRNAs in SARS-CoV-2 Infection Comorbid with HIV-Associated Preeclampsia. <i>Current Hypertension Reports</i> , 2021, 23, 20.	1.5	9
3466	MicroRNAs and thyroid hormone action. <i>Molecular and Cellular Endocrinology</i> , 2021, 525, 111175.	1.6	12
3467	Circulatory miR-221 & miR-542 expression profiles as potential molecular biomarkers in Hepatitis C Virus mediated liver cirrhosis and hepatocellular carcinoma. <i>Virus Research</i> , 2021, 296, 198341.	1.1	14
3468	GW182 Proteins Restrict Extracellular Vesicle-Mediated Export of MicroRNAs in Mammalian Cancer Cells. <i>Molecular and Cellular Biology</i> , 2021, 41, .	1.1	10
3469	Comparative transcriptome analyses revealed different heat stress responses in pigeonpea (<i>Cajanus</i>) Tj ETQq0 0 0 rBT /Overlock 10 Tf 2.8 6		
3470	LINC00908 Promotes Diffuse Large B-Cell Lymphoma Development by Down-Regulating miR-671-5p. <i>Cancer Management and Research</i> , 2021, Volume 13, 3589-3599.	0.9	5
3471	Speeding drug discovery targeting RNAs: An iterative âœœRNA selection-compounds screening cycleâœœ for exploring RNA-small molecule pairs. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 36, 116070.	1.4	1
3472	XIST: A Meaningful Long Noncoding RNA in NSCLC Process. <i>Current Pharmaceutical Design</i> , 2021, 27, 1407-1417.	0.9	4
3473	MicroRNAs as the critical regulators of Doxorubicin resistance in breast tumor cells. <i>Cancer Cell International</i> , 2021, 21, 213.	1.8	26
3474	Effects of Chemotherapy for Metastatic Colorectal Cancer on the TGF-Î² Signaling and Related miRNAs hsa-miR-17-5p, hsa-miR-21-5p and hsa-miR-93-5p. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 757-767.	0.9	9
3475	The fibrillinâœœ RGD motif posttranscriptionally regulates ERK1/2 signaling and fibroblast proliferation via miRâœœ1208. <i>FASEB Journal</i> , 2021, 35, e21598.	0.2	5
3477	Genomics and epigenomics of addiction. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2021, 186, 128-139.	1.1	13
3478	The Effect of RBP4 on microRNA Expression Profiles in Porcine Granulosa Cells. <i>Animals</i> , 2021, 11, 1391.	1.0	2
3479	Research progress on the regulatory role of microRNAs in spinal cord injury. <i>Regenerative Medicine</i> , 2021, 16, 465-476.	0.8	12

#	ARTICLE	IF	CITATIONS
3480	Cyclin D1: A Golden Gene in Cancer, Cardiotoxicity, and Cardioprotection. <i>Jundishapur Journal of Chronic Disease Care</i> , 2021, 10, .	0.1	4
3481	Alteration of twinfilin1 expression underlies opioid withdrawal-induced remodeling of actin cytoskeleton at synapses and formation of aversive memory. <i>Molecular Psychiatry</i> , 2021, , .	4.1	7
3482	Amyloid- β oligomers block lysosomal targeting of miRNPs to prevent miRNP recycling and target repression in glial cells. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	7
3483	miRNA dysregulation is an emerging modulator of genomic instability. <i>Seminars in Cancer Biology</i> , 2021, 76, 120-131.	4.3	49
3484	Impact of Nutritional Epigenetics in Essential Hypertension: Targeting microRNAs in the Gut-Liver Axis. <i>Current Hypertension Reports</i> , 2021, 23, 28.	1.5	4
3485	Aberrant microRNA expression in B lymphocytes from patients with primary warm autoimmune haemolytic anaemia. <i>Autoimmunity</i> , 2021, 54, 264-274.	1.2	1
3486	MicroRNA-dependent control of neuroplasticity in affective disorders. <i>Translational Psychiatry</i> , 2021, 11, 263.	2.4	33
3487	miR-590-5p targets RMND5A and promotes migration in pancreatic adenocarcinoma cell lines. <i>Oncology Letters</i> , 2021, 22, 532.	0.8	4
3488	Single-nucleotide polymorphisms in 3' untranslated region inducible costimulator gene and the important roles of miRNA in alopecia areata. <i>Skin Health and Disease</i> , 2021, 1, e34.	0.7	7
3489	Identification of miRNAs and Their Targets Involved in Flower and Fruit Development across Domesticated and Wild Capsicum Species. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4866.	1.8	13
3490	Amplification-free Detection of Cytomegalovirus miRNA Using a Modification-free Surface Plasmon Resonance Biosensor. <i>Analytical Chemistry</i> , 2021, 93, 8002-8009.	3.2	25
3491	Whole-Transcriptome Analysis of Yak and Cattle Heart Tissues Reveals Regulatory Pathways Associated With High-Altitude Adaptation. <i>Frontiers in Genetics</i> , 2021, 12, 579800.	1.1	4
3492	Non-canonical argonaute loading of extracellular vesicle-derived exogenous single-stranded miRNA in recipient cells. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	14
3493	LncRNA PCAT18 Promotes Non-Small Cell Lung Cancer Progression by Sponging miR-4319. <i>Cancer Management and Research</i> , 2021, Volume 13, 3761-3774.	0.9	4
3494	Role of novel biomarkers in diabetic cardiomyopathy. <i>World Journal of Diabetes</i> , 2021, 12, 685-705.	1.3	19
3495	Aberrant expression of HDL-bound microRNA induced by a high-fat diet in a pig model: implications in the pathogenesis of dyslipidaemia. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 280.	0.7	5
3496	Rheb-mTOR activation rescues β -induced cognitive impairment and memory function by restoring miR-146 activity in glial cells. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 868-887.	2.3	14
3497	The cell as matter: Connecting molecular biology to cellular functions. <i>Matter</i> , 2021, 4, 1863-1891.	5.0	16

#	ARTICLE	IF	CITATIONS
3498	The HSF1/miR-135b-5p axis induces protective autophagy to promote oxaliplatin resistance through the MUL1/ULK1 pathway in colorectal cancer. <i>Oncogene</i> , 2021, 40, 4695-4708.	2.6	28
3499	Ultrasensitive electrochemical detection of miRNA coupling tetrahedral DNA modified gold nanoparticles tags and catalyzed hairpin assembly. <i>Analytica Chimica Acta</i> , 2021, 1165, 338543.	2.6	20
3500	miR-181b-5p Promotes the Progression of Cholangiocarcinoma by Targeting PARK2 via PTEN/PI3K/AKT Signaling Pathway. <i>Biochemical Genetics</i> , 2022, 60, 223-240.	0.8	12
3501	Hypoxic TAM-derived exosomal miR-155-5p promotes RCC progression through HuR-dependent IGF1R/AKT/PI3K pathway. <i>Cell Death Discovery</i> , 2021, 7, 147.	2.0	28
3502	Small RNA Sequencing of Aqueous Humor and Plasma in Patients With Primary Open-Angle Glaucoma. , 2021, 62, 24.		15
3503	MiR-337-3p lowers serum LDL-C level through targeting PCSK9 in hyperlipidemic mice. <i>Metabolism: Clinical and Experimental</i> , 2021, 119, 154768.	1.5	12
3504	CXCR5 induces perineural invasion of salivary adenoid cystic carcinoma by inhibiting microRNA-187. <i>Aging</i> , 2021, 13, 15384-15399.	1.4	15
3505	MicroRNAs: emerging driver of cancer perineural invasion. <i>Cell and Bioscience</i> , 2021, 11, 117.	2.1	18
3506	Trace miRNA Assay Based on DNA Nanostructures Formed by Hybridization Chain Reaction and Gold Nanoparticle Tags. <i>ChemElectroChem</i> , 2021, 8, 2778-2782.	1.7	4
3507	Comprehensive Search for Novel Circulating miRNAs and Axon Guidance Pathway Proteins Associated with Risk of ESKD in Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 2331-2351.	3.0	20
3508	Current understanding of epigenetics in atopic dermatitis. <i>Experimental Dermatology</i> , 2021, 30, 1150-1155.	1.4	21
3509	MiR-133a is a potential target for arterial calcification in patients with end-stage renal disease. <i>International Urology and Nephrology</i> , 2021, , 1.	0.6	3
3511	Transcriptomic Analysis Reveals the MicroRNAs Responsible for Liver Regeneration Associated With Mortality in Alcohol-Associated Hepatitis. <i>Hepatology</i> , 2021, 74, 2436-2451.	3.6	15
3512	A hybrid CNN-LSTM model for pre-miRNA classification. <i>Scientific Reports</i> , 2021, 11, 14125.	1.6	36
3513	MiR-451a enhances the phagocytosis and affects both M1 and M2 polarization in macrophages. <i>Cellular Immunology</i> , 2021, 365, 104377.	1.4	9
3514	A Four-MicroRNA Panel in Peripheral Blood Identified as an Early Biomarker to Diagnose Acute Myocardial Infarction. <i>Frontiers in Physiology</i> , 2021, 12, 669590.	1.3	12
3515	Depletion of miR-155 hinders the myofibroblast activities and reactive oxygen species generation in oral submucous fibrosis. <i>Journal of the Formosan Medical Association</i> , 2022, 121, 467-472.	0.8	10
3516	High Throughput miRNA Screening Identifies miR-574-3p Hyperproductive Effect in CHO Cells. <i>Biomolecules</i> , 2021, 11, 1125.	1.8	2

#	ARTICLE	IF	CITATIONS
3517	Highlighting the interplay of microRNAs from <i>Leishmania</i> parasites and infected-host cells. <i>Parasitology</i> , 2021, 148, 1434-1446.	0.7	6
3518	MiR-519d-5p modulates the sensitivity of breast cancer to chemotherapy by forming a negative feedback loop with RELA. <i>Annals of Translational Medicine</i> , 2021, 9, 1171-1171.	0.7	0
3519	rs73092672 allele T is significantly associated with the higher risk of breast cancer incidence. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2021, 40, 779-789.	0.4	1
3520	The role and underlying mechanism of miR-1299 in cancer. <i>Future Science OA</i> , 2021, 7, FSO693.	0.9	8
3521	A review on interplay between small RNAs and oxidative stress in cancer progression. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 4117-4131.	1.4	3
3522	High-Throughput Screening Identifies MicroRNAs Regulating Human PCSK9 and Hepatic Low-Density Lipoprotein Receptor Expression. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 667298.	1.1	4
3523	MicroRNA in cardio-metabolic disorders. <i>Clinica Chimica Acta</i> , 2021, 518, 134-141.	0.5	10
3524	Circulating MicroRNAs in Gastrointestinal Cancer. <i>Cancers</i> , 2021, 13, 3348.	1.7	9
3525	Nanoliposomal Delivery of MicroRNA-203 Suppresses Migration of Triple-Negative Breast Cancer through Distinct Target Suppression. <i>Non-coding RNA</i> , 2021, 7, 45.	1.3	7
3526	MCU-Dependent mROS Generation Regulates Cell Metabolism and Cell Death Modulated by the AMPK/PGC-1 α /SIRT3 Signaling Pathway. <i>Frontiers in Medicine</i> , 2021, 8, 674986.	1.2	9
3527	Qilian Huaji decoction exerts an anti-cancer effect on hepatocellular carcinoma by upregulating miR-122. <i>Food Science and Technology</i> , 0, 42, .	0.8	0
3528	Identification of microRNA-like RNAs from <i>Trichoderma asperellum</i> DQ-1 during its interaction with tomato roots using bioinformatic analysis and high-throughput sequencing. <i>PLoS ONE</i> , 2021, 16, e0254808.	1.1	3
3529	Identification and profiles of microRNAs in different development stages of miniature pig secondary palate. <i>Genomics</i> , 2021, 113, 2634-2644.	1.3	7
3530	Waterlogging-Stress-Responsive LncRNAs, Their Regulatory Relationships with miRNAs and Target Genes in Cucumber (<i>Cucumis sativus</i> L.). <i>International Journal of Molecular Sciences</i> , 2021, 22, 8197.	1.8	12
3531	CircRNA PLOD2 enhances ovarian cancer propagation by controlling miR-378. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6260-6265.	1.8	12
3532	MicroRNAs in Woody Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 686831.	1.7	11
3533	Comparison of oncolytic virotherapy and nanotherapy as two new miRNA delivery approaches in lung cancer. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111755.	2.5	9
3534	Distinct temporal expression of the GW182 paralog TNRC6A in neurons regulates dendritic arborization. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	5

#	ARTICLE	IF	CITATIONS
3535	H3K27ac-induced FOXC2-AS1 accelerates tongue squamous cell carcinoma by upregulating E2F3. <i>Journal of Oral Pathology and Medicine</i> , 2021, 50, 1018-1030.	1.4	9
3536	Computational Detection of Pre-microRNAs. <i>Methods in Molecular Biology</i> , 2022, 2257, 167-174.	0.4	1
3537	Utilization of Transcriptome, Small RNA, and Degradome Sequencing to Provide Insights Into Drought Stress and Rewatering Treatment in <i>Medicago ruthenica</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 675903.	1.7	9
3538	Pro-tumoral functions of tumor-associated macrophage EV-miRNA. <i>Seminars in Cancer Biology</i> , 2022, 86, 58-63.	4.3	12
3539	The miR-200 family in normal mammary gland development. <i>BMC Developmental Biology</i> , 2021, 21, 12.	2.1	12
3540	New epigenetic players in stroke pathogenesis: From non-coding RNAs to exosomal non-coding RNAs. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111753.	2.5	29
3541	Novel Experimental Therapies for Treatment of Pulmonary Arterial Hypertension. <i>Journal of Experimental Pharmacology</i> , 2021, Volume 13, 817-857.	1.5	15
3542	Microglia extracellular vesicles: focus on molecular composition and biological function. <i>Biochemical Society Transactions</i> , 2021, 49, 1779-1790.	1.6	13
3543	GH and IGF System: The Regulatory Role of miRNAs and lncRNAs in Cancer. <i>Frontiers in Endocrinology</i> , 2021, 12, 701246.	1.5	9
3544	LAMTOR5 expression level is a biomarker for colorectal cancer and lncRNA LAMTOR5-AS1 predicting miRNA sponging effect. <i>Molecular Biology Reports</i> , 2021, 48, 6093-6101.	1.0	6
3545	Two Putative Cypovirus-Encoded miRNAs Co-regulate the Host Gene of GTP-Binding Nuclear Protein Ran and Facilitate Virus Replication. <i>Frontiers in Physiology</i> , 2021, 12, 663482.	1.3	7
3546	Endogenous miRNA Sponges. <i>Methods in Molecular Biology</i> , 2022, 2257, 91-104.	0.4	44
3547	Experimental MicroRNA Targeting Validation. <i>Methods in Molecular Biology</i> , 2022, 2257, 79-90.	0.4	3
3548	Abnormal regulation of microRNAs and related genes in pediatric β -thalassemia. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23945.	0.9	7
3549	Nerve Growth Factor: A Potential Therapeutic Target for Lung Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9112.	1.8	23
3550	microRNAs, the Link Between Dengue Virus and the Host Genome. <i>Frontiers in Microbiology</i> , 2021, 12, 714409.	1.5	7
3551	Genome-Wide Expression Difference of MicroRNAs in Basal Cell Carcinoma. <i>Journal of Immunology Research</i> , 2021, 2021, 1-11.	0.9	4
3552	A Novel Intronic Circular RNA Antagonizes Influenza Virus by Absorbing a microRNA That Degrades CREBBP and Accelerating IFN- β Production. <i>MBio</i> , 2021, 12, e0101721.	1.8	40

#	ARTICLE	IF	CITATIONS
3553	Expression of ssa-miR-155 during ISAV infection in vitro: Putative role as a modulator of the immune response in <i>Salmo salar</i> . <i>Developmental and Comparative Immunology</i> , 2021, 122, 104109.	1.0	4
3554	Pan-cancer proteogenomic investigations identify post-transcriptional kinase targets. <i>Communications Biology</i> , 2021, 4, 1112.	2.0	5
3555	Two birds, one stone: NFATc3 controls dual actions of miR-204 in foam cell formation. <i>European Heart Journal</i> , 2021, , .	1.0	2
3556	miRNA-223 as a regulator of inflammation and NLRP3 inflammasome, the main fragments in the puzzle of immunopathogenesis of different inflammatory diseases and COVID-19. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 2187-2195.	1.4	28
3557	Cerebrospinal Fluid MicroRNA Changes in Cognitively Normal Veterans With a History of Deployment-Associated Mild Traumatic Brain Injury. <i>Frontiers in Neuroscience</i> , 2021, 15, 720778.	1.4	3
3558	Biomarkers for Ehlers-Danlos Syndromes: There Is a Role?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10149.	1.8	8
3559	The importance of non-coding RNAs in environmental stress-related developmental brain disorders: A systematic review of evidence associated with exposure to alcohol, anesthetic drugs, nicotine, and viral infections. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 633-647.	2.9	14
3560	Sequence determinants as key regulators in gene expression of T cells. <i>Immunological Reviews</i> , 2021, 304, 10-29.	2.8	12
3561	Exosomes as mediators of intercellular crosstalk in metabolism. <i>Cell Metabolism</i> , 2021, 33, 1744-1762.	7.2	253
3562	In-Silico Analysis of rSNPs in miRNA:mRNA Duplex Involved in Insulin Signaling Genes Shows a Possible Pathogenesis of Insulin Resistance. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2021, 10, .	0.6	0
3563	The prognostic miR-532-5p-correlated ceRNA-mediated lipid droplet accumulation drives nodal metastasis of cervical cancer. <i>Journal of Advanced Research</i> , 2022, 37, 169-184.	4.4	17
3564	MicroRNA-23b attenuates tau pathology and inhibits oxidative stress by targeting G _n T-III in Alzheimer's disease. <i>Neuropharmacology</i> , 2021, 196, 108671.	2.0	16
3565	Exploring the Extracellular Vesicle MicroRNA Expression Repertoire in Patients with Rheumatoid Arthritis and Ankylosing Spondylitis Treated with TNF Inhibitors. <i>Disease Markers</i> , 2021, 2021, 1-15.	0.6	4
3566	Epigenetic Regulation of the Wnt/ β -Catenin Signaling Pathway in Cancer. <i>Frontiers in Genetics</i> , 2021, 12, 681053.	1.1	31
3567	Air pollution-induced epigenetic changes: disease development and a possible link with hypersensitivity pneumonitis. <i>Environmental Science and Pollution Research</i> , 2021, 28, 55981-56002.	2.7	24
3568	Bile reflux and hypopharyngeal cancer (Review). <i>Oncology Reports</i> , 2021, 46, .	1.2	20
3569	B Cells in Rheumatoid Arthritis: Pathogenic Mechanisms and Treatment Prospects. <i>Frontiers in Immunology</i> , 2021, 12, 750753.	2.2	60
3570	miRNome profiling in Duchenne muscular dystrophy; identification of asymptomatic and manifesting female carriers. <i>Bioscience Reports</i> , 2021, 41, .	1.1	0

#	ARTICLE	IF	CITATIONS
3571	Diabetes Microvascular Complications: An Overview of Epigenetic Modifications. , 0, , .		0
3572	MiR-129-5p prevents depressive-like behaviors by targeting MAPK1 to suppress inflammation. <i>Experimental Brain Research</i> , 2021, 239, 3359-3370.	0.7	6
3573	Diabetic Cardiomyopathy: Clinical and Metabolic Approach. <i>Current Vascular Pharmacology</i> , 2021, 19, 487-498.	0.8	1
3574	Small extracellular vesicle non-coding RNAs in pancreatic cancer: molecular mechanisms and clinical implications. <i>Journal of Hematology and Oncology</i> , 2021, 14, 141.	6.9	36
3575	Current and emerging techniques for oral cancer screening and diagnosis: a review. <i>Progress in Biomedical Engineering</i> , 2021, 3, 042003.	2.8	4
3576	PUF60 of Japanese flounder is regulated by pol-miR-novel_395 and involved in pathogen infection, autophagy, and apoptosis. <i>Developmental and Comparative Immunology</i> , 2021, 123, 104170.	1.0	3
3577	BAG2 mediates coelomocyte apoptosis in <i>Vibrio splendidus</i> challenged sea cucumber <i>Apostichopus japonicus</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 189, 34-43.	3.6	5
3578	Critical roles of microRNA-196 in normal physiology and non-malignant diseases: Diagnostic and therapeutic implications. <i>Experimental and Molecular Pathology</i> , 2021, 122, 104664.	0.9	6
3579	Immune role of the complement component 6 gene and its associated novel miRNA, miR-727, in half-smooth tongue sole (<i>Cynoglossus semilaevis</i>). <i>Developmental and Comparative Immunology</i> , 2021, 123, 104156.	1.0	8
3580	Recent Advances in the Discovery of Biomarkers for Canine Osteosarcoma. <i>Frontiers in Veterinary Science</i> , 2021, 8, 734965.	0.9	8
3581	MicroRNAs to guide medical decision-making in obstructive sleep apnea: A review. <i>Sleep Medicine Reviews</i> , 2021, 59, 101458.	3.8	17
3582	First passage time properties of miRNA-mediated protein translation. <i>Journal of Theoretical Biology</i> , 2021, 529, 110863.	0.8	5
3583	Role of miRNA and lncRNAs in organ fibrosis and aging. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112132.	2.5	72
3584	ZmmiR190 and its target regulate plant responses to drought stress through an ABA-dependent pathway. <i>Plant Science</i> , 2021, 312, 111034.	1.7	4
3585	Transgenic overexpression of the miR-200b/200a/429 cluster inhibits mammary tumor initiation. <i>Translational Oncology</i> , 2021, 14, 101228.	1.7	3
3586	The potential of microRNAs as putative biomarkers in major depressive disorder and suicidal behavior. <i>Biomarkers in Neuropsychiatry</i> , 2021, 5, 100035.	0.7	7
3587	Regulatory role of Non-canonical DNA Polymorphisms in human genome and their relevance in Cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1876, 188594.	3.3	13
3588	MicroRNAs and bone metastasis. , 2022, , 457-469.		0

#	ARTICLE	IF	CITATIONS
3590	MicroRNAs: immune modulators in cancer immunotherapy. Immunotherapy Advances, 2021, 1, .	1.2	15
3591	BRCA1 Protein Expression Predicts Survival in Glioblastoma Patients from an NRG Oncology RTOG Cohort. Oncology, 2021, 99, 580-588.	0.9	5
3592	Role of epigenetic mechanisms in propagating off-targeted effects following radiation based therapies â€“ A review. Mutation Research - Reviews in Mutation Research, 2021, 787, 108370.	2.4	1
3593	Epigenetic biomarkers of disease. , 2021, , 117-141.		0
3594	Isoliquiritin ameliorates depression by suppressing NLRP3-mediated pyroptosis via miRNA-27a/SYK/NF-Î²B axis. Journal of Neuroinflammation, 2021, 18, 1.	3.1	165
3596	MicroRNA In Situ Hybridization in Paraffin-Embedded Cultured Cells. Methods in Molecular Biology, 2020, 2148, 99-110.	0.4	1
3597	Computational microRNA Biology. , 2013, , 473-480.		1
3598	The Role of MicroRNAs in Hematopoietic Stem Cells and Leukemia Development. , 2014, , 139-157.		1
3599	Characterization of MicroRNAs and Their Targets. Methods in Molecular Biology, 2014, 1142, 55-63.	0.4	7
3600	Measuring MicroRNA Expression in Mouse Hematopoietic Stem Cells. Methods in Molecular Biology, 2014, 1185, 121-140.	0.4	2
3601	miRNAs Expression Profile in Zebrafish Developing Vessels. Methods in Molecular Biology, 2015, 1214, 129-150.	0.4	9
3602	RNA Systems Biology for Cancer: From Diagnosis to Therapy. Methods in Molecular Biology, 2016, 1386, 305-330.	0.4	1
3603	Cross-Linking Immunoprecipitation and qPCR (CLIP-qPCR) Analysis to Map Interactions Between Long Noncoding RNAs and RNA-Binding Proteins. Methods in Molecular Biology, 2016, 1402, 11-17.	0.4	38
3604	Translational Control of Cancer: Implications for Targeted Therapy. , 2009, , 237-255.		2
3605	Pharmacogenomics. Methods in Molecular Biology, 2009, 520, 231-245.	0.4	3
3606	Effective Pol III-Expressed Long Hairpin RNAs Targeted to Multiple Unique Sites of HIV-1. Methods in Molecular Biology, 2010, 629, 157-172.	0.4	8
3607	MicroRNA Northern Blotting, Precursor Cloning, and Ago2-Improved RNA Interference. Methods in Molecular Biology, 2011, 676, 85-100.	0.4	6
3608	Viral miRNAs. Methods in Molecular Biology, 2011, 721, 43-66.	0.4	63

#	ARTICLE	IF	CITATIONS
3609	Artificial Tethering of Argonaute Proteins for Studying their Role in Translational Repression of Target mRNAs. <i>Methods in Molecular Biology</i> , 2011, 725, 191-206.	0.4	5
3610	An Efficient System for Let-7 MicroRNA and GW182 Protein-Mediated Deadenylation In Vitro. <i>Methods in Molecular Biology</i> , 2011, 725, 207-217.	0.4	3
3611	Cell-Free microRNA-Mediated Translation Repression in <i>Caenorhabditis elegans</i> . <i>Methods in Molecular Biology</i> , 2011, 725, 219-232.	0.4	3
3612	Mapping of Ago2-GW182 Functional Interactions. <i>Methods in Molecular Biology</i> , 2011, 725, 45-62.	0.4	11
3613	Impact of MicroRNA in Normal and Pathological Respiratory Epithelia. <i>Methods in Molecular Biology</i> , 2011, 741, 171-191.	0.4	4
3614	5'-UTRs and the Control of Protein Expression in Space and Time. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1203, 133-148.	0.8	4
3615	The Biology of Toll-Like Receptors and NOD-Like Receptors: The Toggles of Inflammation. , 2013, , 1-25.		2
3616	Epigenetics, MicroRNAs and Human Cancer. , 2014, , 29-57.		1
3617	What Is the Transcriptome and How it is Evaluated?. , 2014, , 3-48.		5
3618	Translational Control of Endogenous MicroRNA Target Genes in <i>C. elegans</i> . <i>Progress in Molecular and Subcellular Biology</i> , 2010, 50, 21-40.	0.9	1
3619	Regulation of p27kip1 mRNA Expression by MicroRNAs. <i>Progress in Molecular and Subcellular Biology</i> , 2010, 50, 59-70.	0.9	9
3620	microRNAs in CNS Development and Neurodegeneration: Insights from <i>Drosophila</i> Genetics. <i>Research and Perspectives in Neurosciences</i> , 2010, , 69-77.	0.4	1
3622	Mechanistic Aspects of COX-2 Expression in Colorectal Neoplasia. <i>Recent Results in Cancer Research</i> , 2013, 191, 7-37.	1.8	79
3623	miRNAs in Malignant Melanoma. , 2011, , 105-136.		1
3624	MicroRNA-Based Approach to Improve Nitrogen Use Efficiency in Crop Plants. , 2015, , 221-235.		5
3625	Integrated Genomics Approaches in Evolutionary and Ecological Endocrinology. <i>Advances in Experimental Medicine and Biology</i> , 2014, 781, 299-319.	0.8	6
3626	Clinical Neurogenetics. , 2012, , 704-734.		3
3627	MicroRNA-299-3p suppresses proliferation and invasion by targeting VEGFA in human colon carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 1047-1054.	2.5	29

#	ARTICLE	IF	CITATIONS
3628	Tumor necrosis factor- α promotes Staphylococcus aureus-induced osteomyelitis through downregulating endothelial nitric oxide synthase. Journal of Microbiology, Immunology and Infection, 2021, 54, 1018-1027.	1.5	8
3629	MicroRNA epigenetic systems and cancer. , 0, , 134-153.		1
3630	MiR-128 promotes osteogenic differentiation of bone marrow mesenchymal stem cells in rat by targeting DKK2. Bioscience Reports, 2020, 40, .	1.1	15
3631	MiR-139-5p influences hepatocellular carcinoma cell invasion and proliferation capacities via decreasing SLITRK4 expression. Bioscience Reports, 2020, 40, .	1.1	19
3632	The Role of Epigenetics in the Regulation of Hemostatic Balance. Seminars in Thrombosis and Hemostasis, 2021, 47, 053-062.	1.5	7
3633	miR-183/TMSB4Y, a new potential signaling axis, involving in the progression of laryngeal cancer via modulating cell adhesion. Journal of Receptor and Signal Transduction Research, 2020, , 1-8.	1.3	5
3634	Genomic, phylogenetic, and cell biological insights into metazoan origins. , 2009, , 24-32.		16
3635	The mouth, the anus, and the blastopore“open questions about questionable openings. , 2009, , 33-40.		21
3636	Origins of metazoan body plans: the larval revolution. , 2009, , 43-51.		3
3637	Assembling the spiralian tree of life. , 2009, , 52-64.		32
3638	The origins and evolution of the Ecdysozoa. , 2009, , 71-79.		2
3639	Deciphering deuterostome phylogeny: molecular, morphological, and palaeontological perspectives. , 2009, , 80-92.		5
3640	Invertebrate Problematica: kinds, causes, and solutions. , 2009, , 107-126.		2
3641	Improvement of molecular phylogenetic inference and the phylogeny of Bilateria. , 2009, , 127-138.		1
3642	Beyond linear sequence comparisons: the use of genome-level characters for phylogenetic reconstruction. , 2009, , 139-147.		1
3643	The animal in the genome: comparative genomics and evolution. , 2009, , 148-156.		1
3644	MicroRNAs and metazoan phylogeny: big trees from little genes. , 2009, , 157-170.		29
3645	Reassembling animal evolution: a four-dimensional puzzle. , 2009, , 191-196.		2

#	ARTICLE	IF	CITATIONS
3646	MicroRNA-555 has potent antiviral properties against poliovirus. <i>Journal of General Virology</i> , 2016, 97, 659-668.	1.3	21
3654	Dynamical Analysis of the MicroRNA Mediated Protein Translation Process. <i>Biomath</i> , 2013, 2, .	0.3	2
3656	The Prognostic Significance of miR-21 Expression among Surgically Resected Hepatocellular Carcinoma Patients: Evidence from a Meta-Analysis and Retrospective Cohort Study. <i>BioMed Research International</i> , 2020, 2020, 1-9.	0.9	3
3657	Hypoxia-induced microRNA-424 expression in human endothelial cells regulates HIF-1 α isoforms and promotes angiogenesis. <i>Journal of Clinical Investigation</i> , 2010, 120, 4141-4154.	3.9	379
3658	Mice lacking microRNA 133a develop dynamin 2 dependent centronuclear myopathy. <i>Journal of Clinical Investigation</i> , 2011, 121, 3258-3268.	3.9	138
3660	Down-regulated microRNA-101 in bladder transitional cell carcinoma is associated with poor prognosis. <i>Medical Science Monitor</i> , 2014, 20, 812-817.	0.5	28
3661	Prognostic Role of MicroRNA-21 in Gastric Cancer: a Meta-Analysis. <i>Medical Science Monitor</i> , 2014, 20, 1668-1674.	0.5	47
3662	Mir-451 Correlates with Prognosis of Renal Cell Carcinoma Patients and Inhibits Cellular Proliferation of Renal Cell Carcinoma. <i>Medical Science Monitor</i> , 2016, 22, 183-190.	0.5	23
3663	MicroRNA-200c Inhibits Epithelial-Mesenchymal Transition by Targeting the BMI-1 Gene Through the Phospho-AKT Pathway in Endometrial Carcinoma Cells In Vitro. <i>Medical Science Monitor</i> , 2017, 23, 5139-5149.	0.5	18
3664	lncRNA Colorectal Neoplasia Differentially Expressed (CRNDE) Promotes Proliferation and Inhibits Apoptosis in Non-Small Cell Lung Cancer Cells by Regulating the miR-641/CDK6 Axis. <i>Medical Science Monitor</i> , 2019, 25, 2745-2755.	0.5	28
3665	MicroRNA-21 as a diagnostic marker for hepatocellular carcinoma: A systematic review and meta-analysis. <i>Pakistan Journal of Medical Sciences</i> , 2019, 35, 1466-1471.	0.3	22
3666	The distribution of circulating microRNA and their relation to coronary disease. <i>F1000Research</i> , 2012, 1, 50.	0.8	40
3667	Genetic compensation: A phenomenon in search of mechanisms. <i>PLoS Genetics</i> , 2017, 13, e1006780.	1.5	628
3668	Conservation of a microRNA cluster in parasitic nematodes and profiling of miRNAs in excretory-secretory products and microvesicles of <i>Haemonchus contortus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006056.	1.3	45
3669	p16INK4a Translation Suppressed by miR-24. <i>PLoS ONE</i> , 2008, 3, e1864.	1.1	231
3670	Comparative Analysis of mRNA Targets for Human PUF-Family Proteins Suggests Extensive Interaction with the miRNA Regulatory System. <i>PLoS ONE</i> , 2008, 3, e3164.	1.1	254
3671	Dysregulation of Mitochondrial Dynamics and the Muscle Transcriptome in ICU Patients Suffering from Sepsis Induced Multiple Organ Failure. <i>PLoS ONE</i> , 2008, 3, e3686.	1.1	137
3672	Genome-Wide Transcriptional Profiling Reveals MicroRNA-Correlated Genes and Biological Processes in Human Lymphoblastoid Cell Lines. <i>PLoS ONE</i> , 2009, 4, e5878.	1.1	64

#	ARTICLE	IF	CITATIONS
3673	Nuclear Receptor SHP Activates miR-206 Expression via a Cascade Dual Inhibitory Mechanism. PLoS ONE, 2009, 4, e6880.	1.1	45
3674	Identification of Gemin5 as a Novel 7-Methylguanosine Cap-Binding Protein. PLoS ONE, 2009, 4, e7030.	1.1	46
3675	Live Cell Monitoring of hiPSC Generation and Differentiation Using Differential Expression of Endogenous microRNAs. PLoS ONE, 2010, 5, e11834.	1.1	32
3676	Î²1-Syntrophin Modulation by miR-222 in mdx Mice. PLoS ONE, 2010, 5, e12098.	1.1	17
3677	Identification of Restricted Subsets of Mature microRNA Abnormally Expressed in Inactive Colonic Mucosa of Patients with Inflammatory Bowel Disease. PLoS ONE, 2010, 5, e13160.	1.1	234
3678	The Impact of miRNA Target Sites in Coding Sequences and in 3'UTRs. PLoS ONE, 2011, 6, e18067.	1.1	244
3679	Upregulated MicroRNA-29a by Hepatitis B Virus X Protein Enhances Hepatoma Cell Migration by Targeting PTEN in Cell Culture Model. PLoS ONE, 2011, 6, e19518.	1.1	156
3680	Potent Host-Directed Small-Molecule Inhibitors of Myxovirus RNA-Dependent RNA-Polymerases. PLoS ONE, 2011, 6, e20069.	1.1	39
3681	Assessing the Utility of Thermodynamic Features for microRNA Target Prediction under Relaxed Seed and No Conservation Requirements. PLoS ONE, 2011, 6, e20622.	1.1	24
3682	Regulation of Gene Expression in Plants through miRNA Inactivation. PLoS ONE, 2011, 6, e21330.	1.1	70
3683	Expression of MicroRNAs in the Stem Cell Niche of the Adult Mouse Incisor. PLoS ONE, 2011, 6, e24536.	1.1	34
3684	Neuronal Activity Regulates Hippocampal miRNA Expression. PLoS ONE, 2011, 6, e25068.	1.1	48
3685	High-Dose siRNAs Upregulate Mouse Eri-1 at both Transcription and Posttranscription Levels. PLoS ONE, 2011, 6, e26466.	1.1	11
3686	The microRNA-Processing Enzyme Dicer Is Essential for Thyroid Function. PLoS ONE, 2011, 6, e27648.	1.1	52
3687	miRNA-Mediated Relationships between Cis-SNP Genotypes and Transcript Intensities in Lymphocyte Cell Lines. PLoS ONE, 2012, 7, e31429.	1.1	15
3688	Decrease of miR-146b-5p in Monocytes during Obesity Is Associated with Loss of the Anti-Inflammatory but Not Insulin Signaling Action of Adiponectin. PLoS ONE, 2012, 7, e32794.	1.1	76
3689	microPIR: An Integrated Database of MicroRNA Target Sites within Human Promoter Sequences. PLoS ONE, 2012, 7, e33888.	1.1	34
3690	MicroRNA159 Can Act as a Switch or Tuning MicroRNA Independently of Its Abundance in Arabidopsis. PLoS ONE, 2012, 7, e34751.	1.1	45

#	ARTICLE	IF	CITATIONS
3691	A New Module in Neural Differentiation Control: Two MicroRNAs Upregulated by Retinoic Acid, miR-9 and -103, Target the Differentiation Inhibitor ID2. PLoS ONE, 2012, 7, e40269.	1.1	63
3692	Perturbation of microRNAs in Rat Heart during Chronic Doxorubicin Treatment. PLoS ONE, 2012, 7, e40395.	1.1	86
3693	Downregulation of miR-205 Modulates Cell Susceptibility to Oxidative and Endoplasmic Reticulum Stresses in Renal Tubular Cells. PLoS ONE, 2012, 7, e41462.	1.1	99
3694	MicroRNA Regulation of the Synaptic Plasticity-Related Gene Arc. PLoS ONE, 2012, 7, e41688.	1.1	84
3695	miR290-5p/292-5p Activate the Immunoglobulin kappa Locus in B Cell Development. PLoS ONE, 2012, 7, e43805.	1.1	4
3696	Seed-Milarity Confers to hsa-miR-210 and hsa-miR-147b Similar Functional Activity. PLoS ONE, 2012, 7, e44919.	1.1	33
3697	Abnormal Hippocampal BDNF and miR-16 Expression Is Associated with Depression-Like Behaviors Induced by Stress during Early Life. PLoS ONE, 2012, 7, e46921.	1.1	168
3698	Identifying Conserved and Novel MicroRNAs in Developing Seeds of Brassica napus Using Deep Sequencing. PLoS ONE, 2012, 7, e50663.	1.1	61
3699	MiR-27 as a Prognostic Marker for Breast Cancer Progression and Patient Survival. PLoS ONE, 2012, 7, e51702.	1.1	128
3700	Comparative Transcriptome Profiling of Dairy Goat MicroRNAs from Dry Period and Peak Lactation Mammary Gland Tissues. PLoS ONE, 2012, 7, e52388.	1.1	71
3701	An Integrative Genomic and Transcriptomic Analysis Reveals Potential Targets Associated with Cell Proliferation in Uterine Leiomyomas. PLoS ONE, 2013, 8, e57901.	1.1	22
3702	Increased Sensitivity to Chemotherapy Induced by CpG-ODN Treatment Is Mediated by microRNA Modulation. PLoS ONE, 2013, 8, e58849.	1.1	21
3703	Inhibition of Proliferation and Induction of Autophagy by Atorvastatin in PC3 Prostate Cancer Cells Correlate with Downregulation of Bcl2 and Upregulation of miR-182 and p21. PLoS ONE, 2013, 8, e70442.	1.1	60
3704	Identification and Characterization of MicroRNAs by High Through-Put Sequencing in Mesenchymal Stem Cells and Bone Tissue from Mice of Age-Related Osteoporosis. PLoS ONE, 2013, 8, e71895.	1.1	21
3705	Potential Role of microRNA-21 in the Diagnosis of Gastric Cancer: A Meta-Analysis. PLoS ONE, 2013, 8, e73278.	1.1	54
3706	Hormonal Regulation of MicroRNA Expression in Steroid Producing Cells of the Ovary, Testis and Adrenal Gland. PLoS ONE, 2013, 8, e78040.	1.1	62
3707	Hsa-miR-34b/c rs4938723 T>C and hsa-miR-423 rs6505162 C>A Polymorphisms Are Associated with the Risk of Esophageal Cancer in a Chinese Population. PLoS ONE, 2013, 8, e80570.	1.1	63
3708	The Antiapoptotic Function of miR-96 in Prostate Cancer by Inhibition of FOXO1. PLoS ONE, 2013, 8, e80807.	1.1	69

#	ARTICLE	IF	CITATIONS
3709	Structural Analysis of microRNA-Target Interaction by Sequential Seed Mutagenesis and Stem-Loop 3' RACE. PLoS ONE, 2013, 8, e81427.	1.1	5
3710	MicroRNA-494, Upregulated by Tumor Necrosis Factor- α , Desensitizes Insulin Effect in C2C12 Muscle Cells. PLoS ONE, 2013, 8, e83471.	1.1	31
3711	Cocaine Enhances HIV-1 Infectivity in Monocyte Derived Dendritic Cells by Suppressing microRNA-155. PLoS ONE, 2013, 8, e83682.	1.1	44
3712	miRNAs-19b, -29b-2* and -339-5p Show an Early and Sustained Up-Regulation in Ischemic Models of Stroke. PLoS ONE, 2013, 8, e83717.	1.1	41
3713	The MicroRNA Expression Signature of Bladder Cancer by Deep Sequencing: The Functional Significance of the miR-195/497 Cluster. PLoS ONE, 2014, 9, e84311.	1.1	142
3714	Analysis of Novel NEFL mRNA Targeting microRNAs in Amyotrophic Lateral Sclerosis. PLoS ONE, 2014, 9, e85653.	1.1	39
3715	MicroRNA-Dependent Regulation of Transcription in Non-Small Cell Lung Cancer. PLoS ONE, 2014, 9, e90524.	1.1	65
3716	MicroRNA Buffering and Altered Variance of Gene Expression in Response to Salmonella Infection. PLoS ONE, 2014, 9, e94352.	1.1	17
3717	Epigenetic Regulation of Thyroid Hormone Receptor Beta in Renal Cancer. PLoS ONE, 2014, 9, e97624.	1.1	26
3718	Hypoxia-Induced miR-15a Promotes Mesenchymal Ablation and Adaptation to Hypoxia during Lung Development in Chicken. PLoS ONE, 2014, 9, e98868.	1.1	24
3719	Identification of Maize Long Non-Coding RNAs Responsive to Drought Stress. PLoS ONE, 2014, 9, e98958.	1.1	148
3720	A Tri-Component Conservation Strategy Reveals Highly Confident MicroRNA-mRNA Interactions and Evolution of MicroRNA Regulatory Networks. PLoS ONE, 2014, 9, e103142.	1.1	3
3721	Traumatic Brain Injury Dysregulates MicroRNAs to Modulate Cell Signaling in Rat Hippocampus. PLoS ONE, 2014, 9, e103948.	1.1	83
3722	Germ Cell-Specific Targeting of DICER or DGCR8 Reveals a Novel Role for Endo-siRNAs in the Progression of Mammalian Spermatogenesis and Male Fertility. PLoS ONE, 2014, 9, e107023.	1.1	70
3723	Isolation of Dihydroflavonol 4-Reductase cDNA Clones from Angelonia x angustifolia and Heterologous Expression as GST Fusion Protein in Escherichia coli. PLoS ONE, 2014, 9, e107755.	1.1	24
3724	Reassessment of the Role of TSC, mTORC1 and MicroRNAs in Amino Acids-Meditated Translational Control of TOP mRNAs. PLoS ONE, 2014, 9, e109410.	1.1	27
3725	Deep Sequencing of RNA from Three Different Extracellular Vesicle (EV) Subtypes Released from the Human LIM1863 Colon Cancer Cell Line Uncovers Distinct Mirna-Enrichment Signatures. PLoS ONE, 2014, 9, e110314.	1.1	181
3726	MicroRNA-378 Regulates Adiponectin Expression in Adipose Tissue: A New Plausible Mechanism. PLoS ONE, 2014, 9, e111537.	1.1	40

#	ARTICLE	IF	CITATIONS
3727	Structural Determinants of Arabidopsis thaliana Hyponastic Leaves 1 Function In Vivo. PLoS ONE, 2014, 9, e113243.	1.1	9
3728	Next-Generation Sequencing Identifies Deregulation of MicroRNAs Involved in Both Innate and Adaptive Immune Response in ALK+ ALCL. PLoS ONE, 2015, 10, e0117780.	1.1	22
3729	circ-ITCH Plays an Inhibitory Role in Colorectal Cancer by Regulating the Wnt/ β -Catenin Pathway. PLoS ONE, 2015, 10, e0131225.	1.1	251
3730	MicroRNA-200c Promotes Suppressive Potential of Myeloid-Derived Suppressor Cells by Modulating PTEN and FOG2 Expression. PLoS ONE, 2015, 10, e0135867.	1.1	38
3731	MicroRNA-Sequence Profiling Reveals Novel Osmoregulatory MicroRNA Expression Patterns in Catadromous Eel <i>Anguilla marmorata</i> . PLoS ONE, 2015, 10, e0136383.	1.1	10
3732	RNA Whole-Mount In situ Hybridisation Proximity Ligation Assay (riSH-PLA), an Assay for Detecting RNA-Protein Complexes in Intact Cells. PLoS ONE, 2016, 11, e0147967.	1.1	20
3733	The Sequence and Structure Determine the Function of Mature Human miRNAs. PLoS ONE, 2016, 11, e0151246.	1.1	38
3734	Comparative Analyses between Skeletal Muscle miRNAs from Large White and Min Pigs Revealed MicroRNAs Associated with Postnatal Muscle Hypertrophy. PLoS ONE, 2016, 11, e0156780.	1.1	11
3735	Intratumoral Heterogeneity of MicroRNA Expression in Rectal Cancer. PLoS ONE, 2016, 11, e0156919.	1.1	16
3736	Identification and Characterization of Sex-Biased MicroRNAs in <i>Bactrocera dorsalis</i> (Hendel). PLoS ONE, 2016, 11, e0159591.	1.1	29
3737	Identification and Characterization of Microsatellite Loci in Maqui (<i>Aristotelia chilensis</i> [Molina]) Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 3	1.1	17
3738	Identification of miRNAs Potentially Involved in Bronchiolitis Obliterans Syndrome: A Computational Study. PLoS ONE, 2016, 11, e0161771.	1.1	6
3739	Regulation of HBEGF by Micro-RNA for Survival of Developing Human Trophoblast Cells. PLoS ONE, 2016, 11, e0163913.	1.1	2
3740	The Impact of MicroRNA-223-3p on IL-17 Receptor D Expression in Synovial Cells. PLoS ONE, 2017, 12, e0169702.	1.1	21
3741	Extracting microRNA-gene relations from biomedical literature using distant supervision. PLoS ONE, 2017, 12, e0171929.	1.1	33
3742	Expression and activity of multidrug resistance proteins in mature endothelial cells and their precursors: A challenging correlation. PLoS ONE, 2017, 12, e0172371.	1.1	14
3743	Characterization of basal and lipopolysaccharide-induced microRNA expression in equine peripheral blood mononuclear cells using Next-Generation Sequencing. PLoS ONE, 2017, 12, e0177664.	1.1	7
3744	Acute resistance exercise modulates microRNA expression profiles: Combined tissue and circulatory targeted analyses. PLoS ONE, 2017, 12, e0181594.	1.1	65

#	ARTICLE	IF	CITATIONS
3745	Differential regulation of germ line apoptosis and germ cell differentiation by CPEB family members in <i>C. elegans</i> . <i>PLoS ONE</i> , 2017, 12, e0182270.	1.1	5
3746	Long non-coding RNA Set and miR-155 regulate the <i>Tnfr\pm</i> gene allelic expression profile. <i>PLoS ONE</i> , 2017, 12, e0184788.	1.1	8
3747	MicroRNA-148a regulates low-density lipoprotein metabolism by repressing the (pro)renin receptor. <i>PLoS ONE</i> , 2020, 15, e0225356.	1.1	3
3748	MicroRNA: New Era for Therapeutic Strategy in Ischaemic Heart Disease. <i>Journal of Hypertension and Cardiology</i> , 2017, 2, 12-23.	1.0	1
3749	PGC-Enriched miRNAs Control Germ Cell Development. <i>Molecules and Cells</i> , 2015, 38, 895-903.	1.0	21
3750	miR-23a Regulates Cardiomyocyte Apoptosis by Targeting Manganese Superoxide Dismutase. <i>Molecules and Cells</i> , 2017, 40, 542-549.	1.0	49
3751	Update on molecular biomarkers for diagnosis and prediction of prognosis and treatment responses in gastric cancer. <i>Histology and Histopathology</i> , 2021, 36, 817-832.	0.5	3
3752	Temporal and Spatial Expression Patterns of miR-302 and miR-367 During Early Embryonic Chick Development. <i>International Journal of Stem Cells</i> , 2014, 7, 162-166.	0.8	6
3753	miR-15a/miR-16-1 expression inversely correlates with cyclin D1 levels in Men1 pituitary NETs. <i>Journal of Endocrinology</i> , 2019, 240, 41-50.	1.2	12
3754	Targeting epigenetic mechanisms as an emerging therapeutic strategy in pulmonary hypertension disease. <i>Vascular Biology (Bristol, England)</i> , 2020, 2, R17-R34.	1.2	21
3755	Plasma miRNA-155 Levels Predict Atrial Fibrillation Recurrence after Cardioversion. <i>Heart Surgery Forum</i> , 2019, 22, E140-E148.	0.2	6
3756	ANTI-AMYLOIDOGENIC EFFECT OF MiR-101 IN EXPERIMENTAL ALZHEIMERâ€™S DISEASE. <i>Biotechnologia Acta</i> , 2019, 12, 41-49.	0.3	5
3759	HITS-CLIP and PAR-CLIP Advance Viral MiRNA Targetome Analysis. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2014, 24, 101-116.	0.4	23
3761	Analysis of miRNA expression under stress in <i>Arabidopsis thaliana</i> . <i>Bosnian Journal of Basic Medical Sciences</i> , 2012, 12, 169.	0.6	29
3762	MicroRNA-466 (miR-466) functions as a tumor suppressor and prognostic factor in colorectal cancer (CRC). <i>Bosnian Journal of Basic Medical Sciences</i> , 2018, 18, 252-259.	0.6	38
3763	The Influence of microRNA on Signaling Pathways Activity in Radiosensitive and Radioresistant Cancer Cell Lines after Radiation Exposure. <i>Sovremennye Tehnologii V Medicine</i> , 2017, 9, 29.	0.4	1
3765	miR-211 promotes lens epithelial cells apoptosis by targeting silent mating-type information regulation 2 homolog 1 in age-related cataracts. <i>International Journal of Ophthalmology</i> , 2018, 11, 201-207.	0.5	10
3766	miRNA-141 as the Biomarker for Human Cancers. <i>Asian Journal of Pharmaceutical Research and Health Care</i> , 2018, 10, 42-49.	0.0	5

#	ARTICLE	IF	CITATIONS
3767	MiR-320a induces diabetic nephropathy via inhibiting MafB. <i>Aging</i> , 2019, 11, 3055-3079.	1.4	43
3768	Overexpression of KLF5 is associated with poor survival and G1/S progression in pancreatic cancer. <i>Aging</i> , 2019, 11, 5035-5057.	1.4	25
3769	Curcumin suppresses osteogenesis by inducing miR-126a-3p and subsequently suppressing the WNT/LRP6 pathway. <i>Aging</i> , 2019, 11, 6983-6998.	1.4	19
3770	Suppression of long noncoding RNA LINC00324 restricts cell proliferation and invasion of papillary thyroid carcinoma through downregulation of TRIM29 via upregulating microRNA-195-5p. <i>Aging</i> , 2020, 12, 26000-26011.	1.4	11
3771	XIAP RING domain mediates miR-4295 expression and subsequently inhibiting p63 Δ protein translation and promoting transformation of bladder epithelial cells. <i>Oncotarget</i> , 2016, 7, 56540-56557.	0.8	29
3772	miR-29 regulates Tet1 expression and contributes to early differentiation of mouse ESCs. <i>Oncotarget</i> , 2016, 7, 64932-64941.	0.8	30
3773	Circulating microRNA profiles in plasma: identification of miR-224 as a novel diagnostic biomarker in hepatocellular carcinoma independent of hepatic function. <i>Oncotarget</i> , 2016, 7, 53820-53836.	0.8	53
3774	miRNA-193a-5p repression of p73 controls Cisplatin chemoresistance in primary bone tumors. <i>Oncotarget</i> , 2016, 7, 54503-54514.	0.8	37
3775	Radiation induces premature chromatid separation via the miR-142-3p/Bod1 pathway in carcinoma cells. <i>Oncotarget</i> , 2016, 7, 60432-60445.	0.8	15
3776	Plasma microRNA profiles: identification of miR-23a as a novel biomarker for chemoresistance in esophageal squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 62034-62048.	0.8	32
3777	Dihydroartemisinin suppresses pancreatic cancer cells via a microRNA-mRNA regulatory network. <i>Oncotarget</i> , 2016, 7, 62460-62473.	0.8	27
3778	Crucial Role for Early Growth Response-1 in the Transcriptional Regulation of miR-20b in Breast Cancer. <i>Oncotarget</i> , 2013, 4, 1373-1387.	0.8	57
3779	The other face of miR-17-92a cluster, exhibiting tumor suppressor effects in prostate cancer. <i>Oncotarget</i> , 2016, 7, 73739-73753.	0.8	52
3780	Dual-strand tumor-suppressor <i>microRNA-145</i> (<i>miR-145-5p</i> and <i>miR-145-3p</i>) coordinately targeted <i>MTDH</i> in lung squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 72084-72098.	0.8	79
3781	Coordinated Targeting of the EGFR Signaling Axis by MicroRNA-27a*. <i>Oncotarget</i> , 2013, 4, 1388-1398.	0.8	44
3782	Investigation on tissue specific effects of pro-apoptotic micro RNAs revealed miR-147b as a potential biomarker in ovarian cancer prognosis. <i>Oncotarget</i> , 2017, 8, 18773-18791.	0.8	22
3783	microRNA-210-3p depletion by CRISPR/Cas9 promoted tumorigenesis through revival of TWIST1 in renal cell carcinoma. <i>Oncotarget</i> , 2017, 8, 20881-20894.	0.8	57
3784	Re-expression of miR-200c suppresses proliferation, colony formation and in vivo tumor growth of murine claudin-low mammary tumor cells. <i>Oncotarget</i> , 2017, 8, 23727-23749.	0.8	19

#	ARTICLE	IF	CITATIONS
3785	The association between miR-423 rs6505162 polymorphism and cancer susceptibility: a systematic review and meta-analysis. <i>Oncotarget</i> , 2017, 8, 40204-40213.	0.8	16
3786	CDK3, target of miR-4469, suppresses breast cancer metastasis <i>via</i> inhibiting Wnt/ β -catenin pathway. <i>Oncotarget</i> , 2017, 8, 84917-84927.	0.8	19
3787	Meta-analysis of the association between three microRNA polymorphisms and breast cancer susceptibility. <i>Oncotarget</i> , 2017, 8, 68809-68824.	0.8	14
3788	Epigenetic silencing of the non-coding RNA nc886 provokes oncogenes during human esophageal tumorigenesis. <i>Oncotarget</i> , 2014, 5, 3472-3481.	0.8	61
3789	miR-33a is a tumor suppressor microRNA that is decreased in prostate cancer. <i>Oncotarget</i> , 2017, 8, 60243-60256.	0.8	34
3790	Low plasma levels of miR-101 are associated with tumor progression in gastric cancer. <i>Oncotarget</i> , 2017, 8, 106538-106550.	0.8	36
3791	miR-15b represses BACE1 expression in sporadic Alzheimer's disease. <i>Oncotarget</i> , 2017, 8, 91551-91557.	0.8	40
3792	miR-1 as a tumor suppressive microRNA targeting TAGLN2 in head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2011, 2, 29-42.	0.8	162
3793	MIR-124 acts as a target for Alzheimer's disease by regulating BACE1. <i>Oncotarget</i> , 2017, 8, 114065-114071.	0.8	93
3794	MiR-153 regulates expression of hypoxia-inducible factor-1 α in refractory epilepsy. <i>Oncotarget</i> , 2018, 9, 8542-8547.	0.8	20
3795	miR-524-5p suppresses the growth of oncogenic BRAF melanoma by targeting BRAF and ERK2. <i>Oncotarget</i> , 2014, 5, 9444-9459.	0.8	62
3796	Genetic rearrangements, hotspot mutations, and microRNA expression in the progression of metastatic adenoid cystic carcinoma of the salivary gland. <i>Oncotarget</i> , 2018, 9, 19675-19687.	0.8	15
3797	FOXP3 and miR-155 cooperate to control the invasive potential of human breast cancer cells by down regulating ZEB2 independently of ZEB1. <i>Oncotarget</i> , 2018, 9, 27708-27727.	0.8	20
3798	A three-step approach identifies novel shear stress-sensitive endothelial microRNAs involved in vasculoprotective effects of high-intensity interval training (HIIT). <i>Oncotarget</i> , 2019, 10, 3625-3640.	0.8	14
3799	MicroRNA (miR) dysregulation during <i>Helicobacter pylori</i> -induced gastric inflammation and cancer development: critical importance of miR-155. <i>Oncotarget</i> , 2020, 11, 894-904.	0.8	19
3800	MicroRNA-155 expression is independently predictive of outcome in chordoma. <i>Oncotarget</i> , 2015, 6, 9125-9139.	0.8	38
3801	Secreted uPAR isoform 2 (uPAR7b) is a novel direct target of miR-221. <i>Oncotarget</i> , 2015, 6, 8103-8114.	0.8	13
3802	Prognostic microRNAs modulate the RHO adhesion pathway: A potential therapeutic target in undifferentiated pleomorphic sarcomas. <i>Oncotarget</i> , 2015, 6, 39127-39139.	0.8	14

#	ARTICLE	IF	CITATIONS
3803	Expression of miR-27a-3p is an independent predictive factor for recurrence in clear cell renal cell carcinoma. <i>Oncotarget</i> , 2015, 6, 21645-21654.	0.8	37
3804	Serum miR-26a as a diagnostic and prognostic biomarker in cholangiocarcinoma. <i>Oncotarget</i> , 2015, 6, 18631-18640.	0.8	52
3805	Tumor suppressive microRNA-1285 regulates novel molecular targets: Aberrant expression and functional significance in renal cell carcinoma. <i>Oncotarget</i> , 2012, 3, 44-57.	0.8	173
3806	microRNA-1/133a and microRNA-206/133b clusters: Dysregulation and functional roles in human cancers. <i>Oncotarget</i> , 2012, 3, 9-21.	0.8	218
3807	MiR-497 decreases cisplatin resistance in ovarian cancer cells by targeting mTOR/P70S6K1. <i>Oncotarget</i> , 2015, 6, 26457-26471.	0.8	70
3808	Exposure to airborne PM2.5 suppresses microRNA expression and deregulates target oncogenes that cause neoplastic transformation in NIH3T3 cells. <i>Oncotarget</i> , 2015, 6, 29428-29439.	0.8	46
3809	The NF- κ B p65/miR-23a-27a-24 cluster is a target for leukemia treatment. <i>Oncotarget</i> , 2015, 6, 33554-33567.	0.8	19
3810	The potent tumor suppressor miR-497 inhibits cancer phenotypes in nasopharyngeal carcinoma by targeting <i>ANLN</i> and <i>HSPA4L</i> . <i>Oncotarget</i> , 2015, 6, 35893-35907.	0.8	52
3811	miR-302b enhances breast cancer cell sensitivity to cisplatin by regulating E2F1 and the cellular DNA damage response. <i>Oncotarget</i> , 2016, 7, 786-797.	0.8	70
3812	MicroRNA-584-3p, a novel tumor suppressor and prognostic marker, reduces the migration and invasion of human glioma cells by targeting hypoxia-induced ROCK1. <i>Oncotarget</i> , 2016, 7, 4785-4805.	0.8	36
3813	Interplay between PCBP2 and miRNA modulates <i>ARHGDI1</i> expression and function in glioma migration and invasion. <i>Oncotarget</i> , 2016, 7, 19483-19498.	0.8	39
3814	Hypoxia-regulated gene expression explains differences between melanoma cell line-derived xenografts and patient-derived xenografts. <i>Oncotarget</i> , 2016, 7, 23801-23811.	0.8	13
3815	The role of glycogen synthase kinase-3 β (GSK-3 β) in endometrial carcinoma: A carcinogenesis, progression, prognosis, and target therapy marker. <i>Oncotarget</i> , 2016, 7, 27538-27551.	0.8	23
3816	MiR-17-5p regulates cell proliferation and migration by targeting transforming growth factor- β receptor 2 in gastric cancer. <i>Oncotarget</i> , 2016, 7, 33286-33296.	0.8	44
3817	Long non-coding RNA Malat1 promotes gallbladder cancer development by acting as a molecular sponge to regulate miR-206. <i>Oncotarget</i> , 2016, 7, 37857-37867.	0.8	95
3818	Associations between genetic variants located in mature microRNAs and risk of lung cancer. <i>Oncotarget</i> , 0, 7, 41715-41724.	0.8	24
3819	Epigenetics in Smoking-Associated Cardiovascular Diseases. , 0, , .		1
3820	RNAs that make a heart beat. <i>Annals of Translational Medicine</i> , 2016, 4, 469-469.	0.7	5

#	ARTICLE	IF	CITATIONS
3821	Interactions Between lncRNA TUG1 and miR-9-5p Modulate the Resistance of Breast Cancer Cells to Doxorubicin by Regulating eIF5A2. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 13159-13170.	1.0	23
3822	CRISPR-Cas9, A Promising Therapeutic Tool for Cancer Therapy: A Review. <i>Protein and Peptide Letters</i> , 2020, 27, 931-944.	0.4	20
3823	MicroRNA Therapeutics in Neurological Disease. <i>Current Pharmaceutical Design</i> , 2014, 20, 6022-6027.	0.9	33
3824	Hypolipidaemic Drug Treatment: Yesterday is Not Gone Yet, Today is Challenging and Tomorrow is Coming Soon; let us Combine them all. <i>Current Pharmaceutical Design</i> , 2014, 20, 6350-6357.	0.9	9
3825	A Comprehensive Review on the Genetic Regulation of Cisplatin-induced Nephrotoxicity. <i>Current Genomics</i> , 2016, 17, 279-293.	0.7	27
3826	ISCHEMIRs: Finding a Way Through the Obstructed Cerebral Arteries. <i>Current Drug Targets</i> , 2016, 17, 800-810.	1.0	11
3827	MicroRNA Therapeutics: the Next Magic Bullet?. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 15, 467-474.	1.1	194
3828	MicroRNAs in Abdominal Aortic Aneurysm. <i>Current Vascular Pharmacology</i> , 2015, 13, 280-290.	0.8	21
3829	MicroRNAs as Therapeutic Targets for Anticancer Drugs in Lung Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 1883-1894.	0.9	3
3830	MicroRNAs: Newcomers into the ALS Picture. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 194-207.	0.8	35
3831	Noncoding RNAs and Intracerebral Hemorrhage. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019, 18, 205-211.	0.8	18
3832	Role of MicroRNAs in Fibrosis. <i>Open Rheumatology Journal</i> , 2012, 6, 130-139.	0.1	144
3833	Alternative Polyadenylation and Its Impact on Cellular Processes. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2019, 10, 23.	0.6	23
3834	Aberrant Expression of MicroRNAs in B-cell Lymphomas. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2016, 5, 87-105.	0.6	5
3835	MicroRNA-224 (rs188519172 A>G) Gene Variability is Associated with a Decreased Susceptibility to Coronary Artery Disease: A Case-Control Study. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2019, 8, 198-205.	0.6	7
3836	MicroRNAs: Synthesis, Gene Regulation and Osteoblast Differentiation. <i>Current Issues in Molecular Biology</i> , 2013, , .	1.0	29
3837	Prognostic Significance of MicroRNA-21 Expression in Patients with Unresectable Metastatic Colon Cancer. <i>Anticancer Research</i> , 2016, 36, 5145-5152.	0.5	7
3838	MicroRNA-96 Promotes Tumor Invasion in Colorectal Cancer via RECK. <i>Anticancer Research</i> , 2018, 38, 2031-2035.	0.5	15

#	ARTICLE	IF	CITATIONS
3839	Abnormal hippocampal miR-1b expression is ameliorated by regular treadmill exercise in the sleep-deprived female rats. Iranian Journal of Basic Medical Sciences, 2019, 22, 485-490.	1.0	6
3840	Scenario and future prospects of microRNAs in gastric cancer: A review. Iranian Journal of Basic Medical Sciences, 2019, 22, 345-352.	1.0	14
3841	rs6505162 Is Associated with The Increased Risk of Breast Cancer in Isfahan Central Province of Iran. Cell Journal, 2020, 22, 110-116.	0.2	3
3842	Biomarcadores en flujos biológicos y su potencial uso como indicadores de nefritis lúpica en individuos con lupus eritematoso sistémico. Revista Colombiana De Nefrología, 2014, 1, 39-47.	0.1	2
3843	MiR-30b-5p promotes myocardial cell apoptosis in rats with myocardial infarction through regulating Wnt/ β -catenin signaling pathway. Minerva Medica, 2023, 114, .	0.3	9
3844	miReg: a resource for microRNA regulation. Journal of Integrative Bioinformatics, 2010, 7, .	1.0	6
3845	Plasma Level of MicroRNAs, MiR-107, MiR-194 and MiR-210 as Potential Biomarkers for Diagnosis Intestinal-Type Gastric Cancer in Human. Asian Pacific Journal of Cancer Prevention, 2019, 20, 1421-1426.	0.5	21
3846	Interaction of heat shock protein 60 (HSP60) with microRNA in Chinese mitten crab during Spiroplasma eriocheiris infection. Diseases of Aquatic Organisms, 2017, 125, 207-215.	0.5	3
3847	Induction of MicroRNA-24 by HIF-1 Protects Against Ischemic Injury in Rat Cardiomyocytes. Physiological Research, 2012, 61, 555-565.	0.4	38
3848	The Profiling and Role of miRNAs in Diabetes Mellitus. , 2019, 1, 5-23.		39
3850	MicroRNAs, development of Barrett's esophagus, and progression to esophageal adenocarcinoma. World Journal of Gastroenterology, 2010, 16, 531.	1.4	41
3852	MicroRNA-185-5p mediates regulation of SREBP2 expression by hepatitis C virus core protein. World Journal of Gastroenterology, 2015, 21, 4517-4525.	1.4	22
3853	MicroRNA in inflammatory bowel disease: Translational research and clinical implication. World Journal of Gastroenterology, 2015, 21, 12274.	1.4	50
3854	Role of mast cell-miR-490-5p in irritable bowel syndrome. World Journal of Gastroenterology, 2017, 23, 93.	1.4	14
3855	Polymorphisms of microRNA target genes <i>IL12B</i> , <i>INSR</i> , <i>CCND1</i> and <i>IL10</i> in gastric cancer. World Journal of Gastroenterology, 2017, 23, 3480.	1.4	19
3856	Three-microRNA signature identified by bioinformatics analysis predicts prognosis of gastric cancer patients. World Journal of Gastroenterology, 2018, 24, 1206-1215.	1.4	39
3857	Examining pathogenic concepts of autoimmune hepatitis for cues to future investigations and interventions. World Journal of Gastroenterology, 2019, 25, 6579-6606.	1.4	23
3859	Of Lives and Livers: Emerging Responses to the Hepatitis C Virus. Journal of Infection in Developing Countries, 2011, 5, 001-017.	0.5	7

#	ARTICLE	IF	CITATIONS
3860	Long non-coding RNA MEG3 is involved in osteogenic differentiation and bone diseases (Review). <i>Biomedical Reports</i> , 2020, 13, 15-21.	0.9	24
3861	Integrated microRNA and proteome analysis reveal a regulatory module in hepatic lipid metabolism disorders in mice with subclinical hypothyroidism. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 897-906.	0.8	7
3862	miR-199a decreases Neuritin expression involved in the development of Alzheimer's disease in APP/PS1 mice. <i>International Journal of Molecular Medicine</i> , 2020, 46, 384-396.	1.8	12
3863	MicroRNA-125a-5p controls the proliferation, apoptosis, migration and PTEN/MEK1/2/ERK1/2 signaling pathway in MCF-7 breast cancer cells. <i>Molecular Medicine Reports</i> , 2019, 20, 4507-4514.	1.1	8
3864	Upregulation of microRNA-1 inhibits proliferation and metastasis of breast cancer. <i>Molecular Medicine Reports</i> , 2020, 22, 454-464.	1.1	21
3865	miR-489-3p inhibits proliferation and migration of bladder cancer cells through downregulation of histone deacetylase 2. <i>Oncology Letters</i> , 2020, 20, 8.	0.8	6
3866	MicroRNA-150 suppresses p27 ^{Kip1} expression and promotes cell proliferation in HeLa human cervical cancer cells. <i>Oncology Letters</i> , 2020, 20, 1-1.	0.8	6
3867	MicroRNAs target the Wnt/ β -catenin signaling pathway to regulate epithelial-mesenchymal transition in cancer (Review). <i>Oncology Reports</i> , 2020, 44, 1299-1313.	1.2	28
3868	Body fluid biomarkers in Alzheimer's disease. <i>Annals of Translational Medicine</i> , 2015, 3, 70.	0.7	17
3869	Text Mining on Big and Complex Biomedical Literature. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2015, , 21-45.	0.2	4
3870	Bioinformatics Methods for Studying MicroRNA and ARE-Mediated Regulation of Post-Transcriptional Gene Expression. <i>International Journal of Knowledge Discovery in Bioinformatics</i> , 2010, 1, 97-112.	0.8	4
3871	MicroRNAs - Biology and clinical applications. <i>Journal of Oral and Maxillofacial Pathology</i> , 2014, 18, 229.	0.3	112
3872	miR-148b-3p promotes migration of Schwann cells by targeting cullin-associated and neddylation-dissociated 1. <i>Neural Regeneration Research</i> , 2016, 11, 1001.	1.6	15
3873	DROSHA rs642321 polymorphism influence susceptibility to childhood acute lymphoblastic leukemia: A preliminary report. <i>Indian Journal of Medical and Paediatric Oncology</i> , 2017, 38, 416.	0.1	5
3874	Gastric Carcinogenesis in the miR-222/221 Transgenic Mouse Model. <i>Cancer Research and Treatment</i> , 2017, 49, 150-160.	1.3	5
3875	Monosodium luminol upregulates the expression of Bcl-2 and VEGF in retrovirus-infected mice through downregulation of corresponding miRNAs. <i>Acta Virologica</i> , 2010, 54, 27-32.	0.3	5
3877	MicroRNA and Cardiac Stem Cell Therapy. <i>Journal of Clinical & Experimental Cardiology</i> , 2012, 01, .	0.0	2
3878	Regulation of the Tissue Factor Isoform Expression and Thrombogenicity of HMEC-1 by miR-126 and miR-19a. <i>Cell Biology: Research & Therapy</i> , 2013, 02, .	0.2	5

#	ARTICLE	IF	CITATIONS
3879	Extracellular Micro-RNAs in Health and Disease: Basic Science, Biogenesis and Release. American Journal of Molecular Biology, 2016, 06, 1-11.	0.1	3
3880	A Simple Approach for Evaluating Total MicroRNA Extraction from Mouse Brain Tissues. Journal of Analytical Sciences Methods and Instrumentation, 2012, 02, 5-12.	0.1	1
3881	Oncomorphic &TP&53 Mutations in Gynecologic Cancers Lose the Normal Protein:Protein Interactions with the microRNA Microprocessing Complex. Journal of Cancer Therapy, 2014, 05, 506-516.	0.1	12
3882	Recent advances of miRNA involvement in hepatocellular carcinoma and cholangiocarcinoma. Open Journal of Internal Medicine, 2012, 02, 135-162.	0.1	7
3883	Identification and abundance of miRNA in chicken hypothalamus tissue determined by Solexa sequencing. Genetics and Molecular Research, 2012, 11, 4682-4694.	0.3	13
3884	Hepatitis C virus infection, microRNA and liver disease progression. World Journal of Hepatology, 2013, 5, 479.	0.8	58
3886	Pancreatic cancer diagnosis by free and exosomal miRNA. World Journal of Gastrointestinal Pathophysiology, 2013, 4, 74.	0.5	67
3887	Antiviral Efficacy of a Short PNA Targeting microRNA-122 Using Galactosylated Cationic Liposome as a Carrier for the Delivery of the PNA-DNA Hybrid to Hepatocytes. Bulletin of the Korean Chemical Society, 2013, 34, 735-742.	1.0	4
3888	Polycystic kidney disease and therapeutic approaches. BMB Reports, 2011, 44, 359-368.	1.1	17
3889	MicroRNA let-7c inhibits Bcl-xl expression and regulates ox-LDL-induced endothelial apoptosis. BMB Reports, 2012, 45, 464-469.	1.1	48
3890	An Update on the Role of PCSK9 in Atherosclerosis. Journal of Atherosclerosis and Thrombosis, 2020, 27, 909-918.	0.9	47
3891	Circular RNA expression profiles in the porcine liver of two distinct phenotype pig breeds. Asian-Australasian Journal of Animal Sciences, 2018, 31, 812-819.	2.4	23
3892	MicroRNAs regulate granulosa cells apoptosis and follicular development â€” A review. Asian-Australasian Journal of Animal Sciences, 2020, 33, 1714-1724.	2.4	9
3893	Single-nucleotide polymorphisms among microRNA: big effects on cancer. Chinese Journal of Cancer, 2011, 30, 381-391.	4.9	22
3894	The expression and functions of microRNAs in pancreatic adenocarcinoma and hepatocellular carcinoma. Chinese Journal of Cancer, 2011, 30, 540-550.	4.9	18
3895	Principles of microRNA involvement in human cancers. Chinese Journal of Cancer, 2011, 30, 739-748.	4.9	29
3896	MicroRNA-Mediated Regulation and the Genetic Susceptibility to Anxiety Disorders. , 0, , .		3
3897	microRNAs as Therapeutic Targets to Combat Diverse Human Diseases. , 0, , .		1

#	ARTICLE	IF	CITATIONS
3898	A Novel Type of Non-coding RNA, nc886, Implicated in Tumor Sensing and Suppression. <i>Genomics and Informatics</i> , 2015, 13, 26.	0.4	36
3899	Identification of host encoded microRNAs interacting with novel swine-origin influenza A (H1N1) virus and swine influenza virus. <i>Bioinformatics</i> , 2009, 4, 112-118.	0.2	33
3900	MiR-196a2 rs11614913 T>C Polymorphism is Associated with an Increased Risk of Tetralogy of Fallot in a Chinese Population. <i>Acta Cardiologica Sinica</i> , 2015, 31, 18-23.	0.1	10
3901	miR-19a Promotes Cell Growth and Tumorigenesis through Targeting SOCS1 in Gastric Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 835-840.	0.5	46
3902	Association of mir-499 and mir-149 Polymorphisms with Cancer Risk in the Chinese Population: Evidence from Published Studies. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 2337-2342.	0.5	13
3903	MicroRNA-497 Suppresses Proliferation and Induces Apoptosis in Prostate Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 3499-3502.	0.5	37
3904	Effect of miR27a on Proliferation and Invasion in Colonic Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 4675-4678.	0.5	16
3905	MicroRNA-122 Promotes Proliferation, Invasion and Migration of Renal Cell Carcinoma Cells Through the PI3K/Akt Signaling Pathway. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 5017-5021.	0.5	47
3906	MiRNA Molecular Profiles in Human Medical Conditions: Connecting Lung Cancer and Lung Development Phenomena. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 9557-9565.	0.5	26
3907	How to Explain the Contradiction of microRNA 200c Expression and Survival in Solid Tumors?: a Meta-analysis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 3687-3690.	0.5	10
3908	A component of the mir-17-92 polycistronic oncomir promotes oncogene-dependent apoptosis. <i>ELife</i> , 2013, 2, e00822.	2.8	75
3909	The genome of the crustacean <i>Parhyale hawaiiensis</i> , a model for animal development, regeneration, immunity and lignocellulose digestion. <i>ELife</i> , 2016, 5, .	2.8	130
3910	On revealing the gene targets of Ebola virus microRNAs involved in the human skin microbiome. <i>PeerJ</i> , 2018, 6, e4138.	0.9	4
3911	Analysis of the laccase gene family and miR397-/miR408-mediated posttranscriptional regulation in <i>Salvia miltiorrhiza</i> . <i>PeerJ</i> , 2019, 7, e7605.	0.9	18
3912	Evolution of a research field—a micro (RNA) example. <i>PeerJ</i> , 2015, 3, e829.	0.9	15
3913	The Effect of Cytokines on MicroRNA Expression in TW01 Nasopharyngeal Carcinoma Cells. <i>British Journal of Medicine and Medical Research</i> , 2013, 3, 543-554.	0.2	3
3914	Noncoding-RNA-Mediated Regulation in Response to Macronutrient Stress in Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11205.	1.8	7
3915	Regulation of autophagy by miRNAs in human diseases. <i>Nucleus (India)</i> , 2021, 64, 317-329.	0.9	12

#	ARTICLE	IF	CITATIONS
3916	MicroRNA-139-5p Alleviates High Glucose-Triggered Human Retinal Pigment Epithelial Cell Injury by Targeting LIM-Only Factor 4. Mediators of Inflammation, 2021, 2021, 1-10.	1.4	6
3917	The proliferation role of LH on porcine primordial germ cell-like cells (pPGCLCs) through ceRNA network construction. Clinical and Translational Medicine, 2021, 11, e560.	1.7	5
3918	miR-152 Regulates Bovine Myoblast Proliferation by Targeting KLF6. Animals, 2021, 11, 3001.	1.0	5
3919	A blueprint from nature: miRNome comparison of plasma cells and CHO cells to optimize therapeutic antibody production. New Biotechnology, 2022, 66, 79-88.	2.4	8
3920	Zeptomole Imaging of Cytosolic MicroRNA Cancer Biomarkers with A Light-Controlled Nanoantenna. Nano-Micro Letters, 2021, 13, 213.	14.4	1
3921	MicroRNAs in Stem Cells and Cancer Stem Cells. , 2009, , 61-89.		1
3922	Conserved developmental processes and the evolution of novel traits: wounds, embryos, veins, and butterfly eyespots. , 2009, , 183-190.		0
3923	The Ediacaran emergence of bilaterians: congruence between the genetic and the geological fossil records. , 2009, , 15-23.		0
3924	The evolution of nervous system centralization. , 2009, , 65-70.		0
3925	The evolution of developmental gene networks: lessons from comparative studies on holometabolous insects. , 2009, , 171-182.		0
3926	The earliest fossil record of the animals and its significance. , 2009, , 3-14.		0
3927	Molecular genetic insights into deuterostome evolution from the direct-developing hemichordate <i>Saccoglossus kowalevskii</i> . , 2009, , 93-104.		0
3928	Epigenetics and its Applications to a Revised Progression Model of Pancreatic Cancer. , 2010, , 143-169.		0
3929	Control of Hormone Gene Expression. , 2010, , 13-25.		0
3930	RNA Secondary Structure Prediction and Gene Regulation by Small RNAs. Computational Biology, 2010, , 19-37.	0.1	1
3931	Regulation of mRNA Turnover by Cellular Stress. , 2010, , 2247-2255.		1
3932	Gene Profiling of the Failing Heart: Epigenetics. , 2010, , 23-42.		0
3933	BioVLAB. , 2010, , 309-327.		1

#	ARTICLE	IF	CITATIONS
3934	Analysis of Transcriptome Alterations in Parkinson's Disease. , 0, , .		0
3935	MicroRNAs as Biomarkers and Therapeutic Targets in Melanoma. , 2012, , 127-144.		0
3936	Small RNAs and Their Role in Herpesvirus-Mediated Cancers. , 2012, , 793-817.		0
3937	microRNAs in Human Diseases and Viral Infections. , 2012, , 525-551.		0
3938	Programming and Implementation of Age-Related Changes. , 0, , .		0
3939	MicroRNA Dysregulation in Squamous Cell Carcinoma of Head and Neck. , 0, , .		0
3940	Translational Control in Myeloid Disease. , 0, , .		0
3941	The Role of microRNAs in Gliomas and Their Potential Applications for Diagnosis and Treatment. , 0, , .		0
3942	Epigenetic Regulation of Myeloma Within Its Bone Marrow Microenvironment. , 2013, , 255-282.		0
3943	TGF- β 2 Signaling Pathway and MicroRNAs in Cardiovascular Disease. , 2013, , 349-368.		0
3944	The Role of MicroRNA in Head and Neck Cancer. , 2013, , 1019-1048.		0
3945	Differential Expression of miR-130a in Postmortem Prefrontal Cortex of Subjects with Alcohol Use Disorders. Journal of Addiction Research & Therapy, 2013, 04, .	0.2	13
3946	Epigenetic Regulation of EZH2 and Its Targeted MicroRNAs. , 2013, , 33-61.		0
3947	miRNAs and Neurodevelopmental Disorders. , 2013, , 251-265.		1
3948	MicroRNAs and Tissue Response to Acute Ischemia. Contributions To Statistics, 2013, , 97-112.	0.2	0
3949	MicroRNA, Target Regulation. , 2013, , 1346-1350.		1
3951	MicroRNAs in Cardiometabolic Diseases. Indonesian Biomedical Journal, 2013, 5, 67.	0.2	0
3953	Analysis of Small RNA-Guided Endonuclease Activity in Endogenous Piwi Protein Complexes from Mouse Testes. Methods in Molecular Biology, 2014, 1093, 111-121.	0.4	0

#	ARTICLE	IF	CITATIONS
3954	A Concise Review on Epigenetic Regulation. , 2013, , 23-64.		0
3956	MicroRNAs and Chronic Lymphocytic Leukemia. , 2014, , 159-178.		0
3957	Prostate Cancer Detection Using a Noninvasive Method for Quantifying miRNAs. Methods in Molecular Biology, 2014, 1165, 81-87.	0.4	0
3958	Nanocarriers and MicroRNA-Based Scenarios for Cancer Therapy. , 2014, , 387-411.		0
3959	Transcriptome-Wide Analysis of Regulatory Interactions of the RNA-Binding Protein HuR. Springer Theses, 2014, , 35-54.	0.0	0
3960	Rol biolÃ³gico y aplicaciones de los miRNAs en cÃ¡ncer de seno. Revista Colombiana De BiotecnologÃa, 2014, 16, 188.	0.5	0
3961	MicroRNAs with Impact on Adipose Tissue Inflammation in Obesity. , 2015, , 163-184.		0
3962	Assessment of single nucleotide polymorphisms in screening 52 DNA repair and cell cycle control genes in Fanconi anemia patients. Genetika, 2015, 47, 695-710.	0.1	0
3963	Regulatory Noncoding RNAs in Cardiovascular Disease: Shedding Light on "Dark Matter"™. Journal of Cardiovascular Disease, 2015, 3, .	0.5	1
3964	MicroRNA and Sodium and Water Balance in Mammals. , 2015, , 173-190.		0
3965	Micro RNAs and Tooth Development; Model for Organogenesis?. Journal of Dentistry and Oral Care, 2015, 1, 1-3.	0.1	0
3968	Abstract 185: MicroRNA-375 suppresses extracellular matrix degradation and invadopodial activity in head and neck squamous cell carcinoma. , 2015, , .		0
3969	MicroRNAs: As A Novel Potential Tool For Diagnosis, Prognosis, And Therapeutic Agents In Hypertension. Journal of Hypertension and Cardiology, 2015, 1, 14-22.	1.0	2
3970	Alterations of Biomarkers by Neoadjuvant Endocrine Therapy. , 2016, , 217-231.		0
3971	MicroRNAs expression profile of gefitinib resistant non-small cell lung cancer HCC827 cells. Journal of Biology (Vietnam), 2016, 37, .	0.0	0
3972	Association between gene polymorphism rs11614913 in microRNA196a2, with Non-small cell lung cancer risk in the population of southern Iran. Yaftah, 2016, 3, 15-23.	0.1	0
3973	Epigenetics and Its Applications to the Progression Model of Pancreatic Cancer. , 2017, , 1-32.		0
3974	The Timing of Neonatal Brain Damage. , 2017, , 1-20.		0

#	ARTICLE	IF	CITATIONS
3975	The role of microRNAs in oral lichenoid disorders. Systematic review. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2017, 22, 0-0.	0.7	6
3977	Detecting of Functional Short Non-Coding RNAs using Bioinformatics Methods in Sheep and Goat. <i>Research on Animal Production</i> , 2017, 8, 161-170.	0.2	1
3978	Posttranscriptional Control of Gene Expression and Role of Small RNAs in <i>Streptococcus mutans&/i>. <i>Advances in Microbiology</i> , 2018, 08, 138-160.	0.3	0
3979	Text Mining on Big and Complex Biomedical Literature. , 2018, , 129-154.		0
3981	COMPUTATIONAL IDENTIFICATION OF MICRORNA IN FIVE WOODY OIL TREE CROPS AND THEIR miRNA TARGET SEQUENCES. <i>Journal of Oil Palm Research</i> , 0, , .	2.1	0
3982	miR-211 regulates the antioxidant function of lens epithelial cells affected by age-related cataracts. <i>International Journal of Ophthalmology</i> , 2018, 11, 349-353.	0.5	6
3983	The search for microRNAs potentially involved in the selfrenewal maintaining ofÂlaboratory rat pluripotent stem cells. <i>Vavilovskii Zhurnal Genetiki I Seleksii</i> , 2018, 22, 179-186.	0.4	0
3985	Chemical Induced Liver Injury: Types, Mechanisms and Biomarkers. <i>Anatomical Science</i> , 2018, 1, .	0.0	0
3986	MicroRNA in Chronic Kidney Disease and Heart Failure. <i>Cardiologia Croatica</i> , 2018, 13, 270-276.	0.0	1
3988	Effects of miR-22 on viability, migration, invasion and apoptosis in retinoblastoma Y79 cells by targeting high-mobility group box 1. <i>International Journal of Ophthalmology</i> , 2018, 11, 1600-1607.	0.5	12
3990	miRNAs in the Odontogenesis Process. <i>International Journal of Medical and Surgical Sciences</i> , 2018, 2, 499-505.	0.0	0
3994	Liquid biopsies in myeloid malignancies. , 2019, 2, 1044-1061.		5
3995	Advances in Research on MicroRNAs Regulating Host Antiviral Innate Immunity. <i>Advances in Microbiology</i> , 2019, 08, 15-21.	0.0	1
3996	Biophysical and Biochemical Approaches in the Analysis of Argonauteâ€MicroRNA Complexes. <i>Biological and Medical Physics Series</i> , 2019, , 167-188.	0.3	0
3997	Validation of microRNA expression profile in Oral Lichenoid Disease through cytological samples. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2019, 24, 0-0.	0.7	2
3998	Epigenetics of Brain Aging: Lessons from Chemo Brain and Tumor Brain. <i>Healthy Ageing and Longevity</i> , 2019, , 185-202.	0.2	0
3999	Transcriptome Analysis of <i>Salvia miltiorrhiza</i> . <i>Compendium of Plant Genomes</i> , 2019, , 83-96.	0.3	1
4000	Dynamics of MicroRNA Biogenesis. <i>Biological and Medical Physics Series</i> , 2019, , 211-249.	0.3	1

#	ARTICLE	IF	CITATIONS
4006	Colorectal cancer cells differentially impact migration and microRNA expression in endothelial cells. <i>Oncology Letters</i> , 2019, 18, 6361-6370.	0.8	4
4007	Epigenetic Biomarkers for the Detection of Gastrointestinal Cancers. <i>Diagnostics and Therapeutic Advances in GI Malignancies</i> , 2020, , 59-82.	0.2	1
4008	Long non-coding RNA PRNCR1 exerts oncogenic effects in tongue squamous cell carcinoma in vivo and in vitro by sponging microRNA-944 and thereby increasing HOXB5 expression. <i>International Journal of Molecular Medicine</i> , 2020, 46, 119-130.	1.8	8
4011	MicroRNA-32 promotes ovarian cancer cell proliferation and motility by targeting SMG1. <i>Oncology Letters</i> , 2020, 20, 733-741.	0.8	10
4013	Developing a Portable Device for the Identification of miRNAs in Fluids. <i>Methods in Molecular Biology</i> , 2021, 2174, 73-88.	0.4	0
4014	MicroRNA-188-5p inhibits the progression of breast cancer by targeting zinc finger protein 91. <i>Oncology Reports</i> , 2020, 44, 1479-1488.	1.2	6
4015	Classical and noncanonical functions of miRNAs in cancers. <i>Trends in Genetics</i> , 2022, 38, 379-394.	2.9	94
4016	Redox sensitive miR-27a/b/Nrf2 signaling in Cr(VI)-induced carcinogenesis. <i>Science of the Total Environment</i> , 2022, 809, 151118.	3.9	15
4017	MiR-548d-3p Promotes Gastric Cancer by Targeting RSK4. <i>Cancer Management and Research</i> , 2020, Volume 12, 13325-13337.	0.9	6
4018	miR-21-5p promotes cell proliferation by targeting BCL11B in Thp-1 cells. <i>Oncology Letters</i> , 2020, 21, 119.	0.8	15
4021	Curcumin Inhibits Retinoblastoma Cell Proliferation by miR-26a Targeting the Tumor Suppressor Gene Rb1 in Y79 Cells. <i>Journal of Analytical Oncology</i> , 0, 9, 63-71.	0.1	2
4023	MicroRNA regulation and host interaction in response to Aspergillus exposure. <i>Biocell</i> , 2022, 46, 339-356.	0.4	2
4024	Micro RNA, circular RNA, neutrophils, and myeloperoxidases in autoimmune diseases. , 2022, , 235-254.		1
4025	microRNAs in Obesity and Metabolic Diseases. , 2020, , 71-95.		1
4026	The Role of Epigenetics in Type 1 Diabetes. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1253, 223-257.	0.8	18
4027	Origin and Differentiation of Osteoclasts. , 2020, , 162-180.		0
4030	Current concepts in melasma - A review article. <i>Journal of Skin and Sexually Transmitted Diseases</i> , 0, 2, 13-17.	0.0	2
4032	Advances in Non-Coding RNA Sequencing. <i>Non-coding RNA</i> , 2021, 7, 70.	1.3	14

#	ARTICLE	IF	CITATIONS
4033	Non-Coding RNAs Associated With Radioresistance in Triple-Negative Breast Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 752270.	1.3	10
4034	Regulation of CDK inhibitor p27 by microRNA 222 in breast cancer patients. <i>Experimental and Molecular Pathology</i> , 2021, 123, 104718.	0.9	4
4035	Autophagy Regulation by Crosstalk between miRNAs and Ubiquitination System. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11912.	1.8	10
4036	Bioinformatics Methods for Studying MicroRNA and ARE-Mediated Regulation of Post-Transcriptional Gene Expression. , 0, , 156-173.		0
4037	Toll-Like Receptor 4 and the World of microRNAs. <i>Agents and Actions Supplements</i> , 2021, , 143-157.	0.2	0
4039	Regulator Non-coding RNAs: miRNA, siRNA, piRNA, lncRNA, circRNA. <i>Journal of Clinical Medicine of Kazakhstan</i> , 2020, 6, 29-39.	0.1	0
4040	MiRNAs: A New Approach to Predict and Overcome Resistance to Anticancer Drugs. <i>Clinical Cancer Drugs</i> , 2020, 7, 65-77.	0.3	0
4041	Role of miR-29b on the regulation of the extracellular matrix in human trabecular meshwork cells under chronic oxidative stress. <i>Molecular Vision</i> , 2009, 15, 2488-97.	1.1	123
4042	miRNA studies in in vitro and in vivo activated hepatic stellate cells. <i>World Journal of Gastroenterology</i> , 2011, 17, 2748-73.	1.4	23
4043	Extracellular/circulating microRNAs and their potential role in cardiovascular disease. <i>American Journal of Cardiovascular Disease</i> , 2011, 1, 138-149.	0.5	132
4045	Lack of association of miR-146a and Ets-1 gene polymorphisms with Fuchs uveitis syndrome in Chinese Han patients. <i>Molecular Vision</i> , 2012, 18, 426-30.	1.1	8
4046	MicroRNAs: Processing, Maturation, Target Recognition and Regulatory Functions. <i>Molecular and Cellular Pharmacology</i> , 2011, 3, 83-92.	1.7	650
4047	MicroRNAs in ischemia-reperfusion injury. <i>American Journal of Cardiovascular Disease</i> , 2012, 2, 237-47.	0.5	55
4048	Oncogenic microRNA 17-92 cluster is regulated by epithelial cell adhesion molecule and could be a potential therapeutic target in retinoblastoma. <i>Molecular Vision</i> , 2012, 18, 2279-87.	1.1	37
4049	miR-155 Down Regulation by LNA Inhibitor can Reduce Cell Growth and Proliferation in PC12 Cell Line. <i>Avicenna Journal of Medical Biotechnology</i> , 2011, 3, 61-6.	0.2	11
4050	Study on the clinical significance of Argonaute2 expression in colonic carcinoma by tissue microarray. <i>International Journal of Clinical and Experimental Pathology</i> , 2013, 6, 476-84.	0.5	6
4051	Down-regulation of miR-302b, an ESC-specific microRNA, in Gastric Adenocarcinoma. <i>Cell Journal</i> , 2012, 13, 251-8.	0.2	22
4052	Mood stabilizer-regulated miRNAs in neuropsychiatric and neurodegenerative diseases: identifying associations and functions. <i>American Journal of Translational Research (discontinued)</i> , 2013, 5, 450-64.	0.0	29

#	ARTICLE	IF	CITATIONS
4053	miR-451 Up-regulation, Induce Erythroid Differentiation of CD133+cells Independent of Cytokine Cocktails. Iranian Journal of Basic Medical Sciences, 2013, 16, 756-63.	1.0	17
4056	Identification of microRNAs involved in Alzheimer's progression using a rabbit model of the disease. American Journal of Neurodegenerative Disease, 2014, 3, 33-44.	0.1	26
4058	Association between mir-24 and mir-378 in formalin-fixed paraffin-embedded tissues of breast cancer. International Journal of Clinical and Experimental Pathology, 2014, 7, 4261-7.	0.5	20
4060	mir-155 regulates cardiac allograft rejection by targeting the expression of suppressor of cytokine signaling-1 (DOCS1) in dendritic cells. International Journal of Clinical and Experimental Medicine, 2014, 7, 4572-83.	1.3	4
4061	MiR-29a promotes intestinal epithelial apoptosis in ulcerative colitis by down-regulating Mcl-1. International Journal of Clinical and Experimental Pathology, 2014, 7, 8542-52.	0.5	31
4062	In situ hybridization analysis of the expression of miR-106b in colonic cancer. International Journal of Clinical and Experimental Pathology, 2015, 8, 786-92.	0.5	10
4063	Effects of sleep deprivation on behaviors and abnormal hippocampal BDNF/miR-10B expression in rats with chronic stress depression. International Journal of Clinical and Experimental Pathology, 2015, 8, 586-93.	0.5	19
4065	MicroRNA-222 promotes human non-small cell lung cancer H460 growth by targeting p27. International Journal of Clinical and Experimental Medicine, 2015, 8, 5534-40.	1.3	19
4066	MiR-29a suppresses prostate cell proliferation and induces apoptosis via KDM5B protein regulation. International Journal of Clinical and Experimental Medicine, 2015, 8, 5329-39.	1.3	24
4067	Inflammatory response of macrophages cultured with Helicobacter pylori strains was regulated by miR-155. International Journal of Clinical and Experimental Pathology, 2015, 8, 4545-54.	0.5	16
4068	TGF- β 2 stimulates Tenon's capsule fibroblast proliferation in patients with glaucoma via suppression of miR-29b expression regulated by Nrf2. International Journal of Clinical and Experimental Pathology, 2015, 8, 4799-806.	0.5	16
4069	Inhibition of MiR-155 suppresses cell migration in nasopharyngeal carcinoma through targeting ZDHHC2. International Journal of Clinical and Experimental Medicine, 2015, 8, 8472-84.	1.3	7
4070	Impact of Alcohol Abuse on the Adaptive Immune System. , 2015, 37, 185-97.		68
4071	MicroRNA-323 regulates ischemia/reperfusion injury-induced neuronal cell death by targeting BR13. International Journal of Clinical and Experimental Pathology, 2015, 8, 10725-33.	0.5	16
4072	Expression of miR-203 is decreased and associated with the prognosis of melanoma patients. International Journal of Clinical and Experimental Pathology, 2015, 8, 13249-54.	0.5	16
4073	Expression and functional role of miR-29b in renal cell carcinoma. International Journal of Clinical and Experimental Pathology, 2015, 8, 14161-70.	0.5	8
4074	MiR-451 inhibits synovial fibroblasts proliferation and inflammatory cytokines secretion in rheumatoid arthritis through mediating p38MAPK signaling pathway. International Journal of Clinical and Experimental Pathology, 2015, 8, 14562-7.	0.5	31
4075	microRNA-451 inhibited cell proliferation, migration and invasion through regulation of MIF in renal cell carcinoma. International Journal of Clinical and Experimental Pathology, 2015, 8, 15611-21.	0.5	16

#	ARTICLE	IF	CITATIONS
4076	Circulating miR-21 as an independent predictive biomarker for chemoresistance in esophageal squamous cell carcinoma. <i>American Journal of Cancer Research</i> , 2016, 6, 1511-23.	1.4	26
4077	MicroRNA-17-5p promotes gastric cancer proliferation, migration and invasion by directly targeting early growth response 2. <i>American Journal of Cancer Research</i> , 2016, 6, 2010-2020.	1.4	12
4078	Alpinumisoflavone suppresses tumour growth and metastasis of clear-cell renal cell carcinoma. <i>American Journal of Cancer Research</i> , 2017, 7, 999-1015.	1.4	8
4079	KSRP promotes the maturation of a group of miRNA precursors. <i>Advances in Experimental Medicine and Biology</i> , 2010, 700, 36-42.	0.8	11
4080	TBL1XR1 promotes migration and invasion in osteosarcoma cells and is negatively regulated by miR-186-5p. <i>American Journal of Cancer Research</i> , 2018, 8, 2481-2493.	1.4	9
4081	MicroRNA-874 functions as a tumor suppressor in rhabdomyosarcoma by directly targeting GEFT. <i>American Journal of Cancer Research</i> , 2019, 9, 668-681.	1.4	8
4082	MiR-424 is over-expressed and attenuates ischemia-reperfusion kidney injury via p53 and death receptor 6 pathway. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 1965-1979.	0.0	4
4083	A three-step approach identifies novel shear stress-sensitive endothelial microRNAs involved in vasculoprotective effects of high-intensity interval training (HIIT). <i>Oncotarget</i> , 2019, 10, 3625-3640.	0.8	8
4085	miR-196 acts as a tumor suppressor in osteosarcoma by targeting HOXA9. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 4579-4584.	0.5	4
4086	Knockdown of miR-572 suppresses cell proliferation and promotes apoptosis in renal cell carcinoma cells by targeting the NF2/Hippo signaling pathway. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 5705-5714.	0.5	3
4087	The diagnostic and prognostic value of serum miR-206 in colorectal cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 7528-7533.	0.5	2
4088	MicroRNA-21-5p antagonizes oxidant-mediated apoptosis in alveolar epithelial type II cells by targeting PDCD4. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 10315-10324.	0.5	0
4089	MicroRNA-181a knockdown protects HepaRG cells from Dichlorvos-induced oxidative stress and apoptosis. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 10883-10891.	0.5	2
4090	MiR-22 functions as a biomarker and regulates cell proliferation, cycle, apoptosis, migration and invasion in renal cell carcinoma. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 11425-11437.	0.5	2
4092	MicroRNA-218 inhibits tumor angiogenesis of human renal cell carcinoma by targeting GAB2. <i>Oncology Reports</i> , 2020, 44, 1961-1970.	1.2	3
4093	suppresses cell growth via MET/STAT3 signaling in lung cancer. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 1221-1232.	0.0	2
4094	Circular RNA transcriptome analysis responses to heat stress in the hypothalamus of sows. <i>Journal of Applied Animal Research</i> , 2021, 49, 440-446.	0.4	0
4095	MicroRNAs and their role in immunogenetic-dysregulation. , 2022, , 193-225.		0

#	ARTICLE	IF	CITATIONS
4096	Diagnostic Potential of miR-30a and miR-200c in Invasive Breast Ductal Carcinoma. , 2021, 1, .		0
4097	MicroRNA-5195-3p alleviates high glucose-induced injury in human ARPE-19 cells by targeting GMFB. PLoS ONE, 2021, 16, e0260071.	1.1	4
4098	Genome-wide identification and expression profiling of Alba gene family members in response to abiotic stress in tomato (<i>Solanum lycopersicum</i> L.). BMC Plant Biology, 2021, 21, 530.	1.6	6
4099	A Cotton Lignin Biosynthesis Gene, GhLAC4, Fine-Tuned by ghr-miR397 Modulates Plant Resistance Against <i>Verticillium dahliae</i> . Frontiers in Plant Science, 2021, 12, 743795.	1.7	28
4100	Changes in Exosomal miRNA Composition in Thyroid Cancer Cells after Prolonged Exposure to Real Microgravity in Space. International Journal of Molecular Sciences, 2021, 22, 12841.	1.8	9
4101	<scp>LINC00473</scp>-modified bone marrow mesenchymal stem cells incorporated thermosensitive <scp>PLGA</scp> hydrogel transplantation for steroid-induced osteonecrosis of femoral head: A detailed mechanistic study and validity evaluation. Bioengineering and Translational Medicine, 2022, 7, e10275.	3.9	10
4102	Micro-RNA Implications in Type-1 Diabetes Mellitus: A Review of Literature. International Journal of Molecular Sciences, 2021, 22, 12165.	1.8	18
4103	MicroRNAs affect GPCR and Ion channel genes needed for influenza replication. Journal of General Virology, 2021, 102, .	1.3	0
4104	Pharmacological and Epigenetic Regulators of NLRP3 Inflammasome Activation in Alzheimer's Disease. Pharmaceuticals, 2021, 14, 1187.	1.7	17
4105	MicroRNA-Related Strategies to Improve Cardiac Function in Heart Failure. Frontiers in Cardiovascular Medicine, 2021, 8, 773083.	1.1	13
4106	Fowl adenovirus serotype 4 uses gga-miR-181a-5p expression to facilitate viral replication via targeting of STING. Veterinary Microbiology, 2021, 263, 109276.	0.8	6
4107	Inhibition of extracellular vesicle-associated MMP2 abrogates intercellular hepatic miR-122 transfer to liver macrophages and curtails inflammation. IScience, 2021, 24, 103428.	1.9	6
4108	Uncovering the impacts of alternative splicing on the proteome with current omics techniques. Wiley Interdisciplinary Reviews RNA, 2022, 13, e1707.	3.2	22
4109	Ablation of microRNAs in VIP ⁺ interneurons impairs olfactory discrimination and decreases neural activity in the olfactory bulb. Acta Physiologica, 2022, 234, e13767.	1.8	5
4110	Cholinergic blockade of neuroinflammation: from tissue to RNA regulators. Neuronal Signaling, 2022, 6, NS20210035.	1.7	11
4111	Characterization of XR_311113.2 as a MicroRNA Sponge for Pre-ovulatory Ovarian Follicles of Goats via Long Noncoding RNA Profile and Bioinformatics Analysis. Frontiers in Genetics, 2021, 12, 760416.	1.1	1
4112	HY5 regulates light-dependent expression and accumulation of miR858a-encoded peptide, miPEP858a. Biochemical and Biophysical Research Communications, 2022, 589, 204-208.	1.0	10
4113	The role of microRNAs in glaucoma. Experimental Eye Research, 2022, 215, 108909.	1.2	10

#	ARTICLE	IF	CITATIONS
4114	A Review of epigenetics in psychiatry: focus on environmental risk factors. <i>Medizinische Genetik</i> , 2020, 32, 57-64.	0.1	4
4115	MicroRNA-218 inhibits tumor angiogenesis of human renal cell carcinoma by targeting GAB2. <i>Oncology Reports</i> , 2020, 44, 1961-1970.	1.2	11
4116	Neurobiological Opportunities in Diabetic Polyneuropathy. <i>Neurotherapeutics</i> , 2021, 18, 2303-2323.	2.1	5
4117	Regular Intake of Green Tea Polyphenols Suppresses the Development of Nonmelanoma Skin Cancer through miR-29-Mediated Epigenetic Modifications. <i>Journal of Clinical Medicine</i> , 2022, 11, 398.	1.0	12
4118	Current Advances in Coptidis Rhizoma for Gastrointestinal and Other Cancers. <i>Frontiers in Pharmacology</i> , 2021, 12, 775084.	1.6	12
4119	A new self-attenuated therapeutic influenza vaccine that uses host cell-restricted attenuation by artificial microRNAs. <i>International Journal of Pharmaceutics</i> , 2022, 612, 121325.	2.6	1
4120	Discovery and validation of human genomic safe harbor sites for gene and cell therapies. <i>Cell Reports Methods</i> , 2022, 2, 100154.	1.4	22
4121	Plant RNA-mediated gene regulatory network. <i>Genomics</i> , 2022, 114, 409-442.	1.3	17
4122	Spectrum of microRNAs and their target genes in cancer: intervention in diagnosis and therapy. <i>Molecular Biology Reports</i> , 2022, 49, 6827-6846.	1.0	4
4123	tRF3008A suppresses the progression and metastasis of colorectal cancer by destabilizing FOXK1 in an ACO-dependent manner. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 32.	3.5	23
4124	Epigenomic Modifications in Modern and Ancient Genomes. <i>Genes</i> , 2022, 13, 178.	1.0	7
4125	LINC00974 sponges miR-33a to facilitate cell proliferation, invasion, and EMT of ovarian cancer through HMGB2 upregulation. <i>Genetics and Molecular Biology</i> , 2022, 45, e20210224.	0.6	2
4127	Diagnosis and staging of HCV associated fibrosis, cirrhosis and hepatocellular carcinoma with target identification for miR-650, 552-3p, 676-3p, 512-5p and 147b. <i>Cancer Biomarkers</i> , 2022, , 1-18.	0.8	4
4128	Amino Acids and IGF1 Regulation of Fish Muscle Growth Revealed by Transcriptome and microRNAome Integrative Analyses of Pacu (<i>Piaractus mesopotamicus</i>) Myotubes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1180.	1.8	12
4129	Docetaxel-triggered SIDT2/NOX4/JNK/HuR signaling axis is associated with TNF- α -mediated apoptosis of cancer cells. <i>Biochemical Pharmacology</i> , 2022, 195, 114865.	2.0	10
4130	Alternative splicing and MicroRNA: epigenetic mystique in male reproduction. <i>RNA Biology</i> , 2022, 19, 162-175.	1.5	13
4131	Rice <i>microRNA171f/SCL6</i> module enhances drought tolerance by regulation of flavonoid biosynthesis genes. <i>Plant Direct</i> , 2022, 6, e374.	0.8	19
4132	MicroRNAs as biomarkers in spontaneous intracerebral hemorrhage: A systematic review of recent clinical evidence. <i>Clinical Neurology and Neurosurgery</i> , 2022, 213, 107130.	0.6	3

#	ARTICLE	IF	CITATIONS
4133	E2F1-induced microRNA-224-5p expression is associated with hepatocellular carcinoma cell migration, invasion and epithelial-mesenchymal transition via MREG. <i>Oncology Letters</i> , 2022, 23, 82.	0.8	5
4134	The Landscape of PDK1 in Breast Cancer. <i>Cancers</i> , 2022, 14, 811.	1.7	10
4135	Blood Circulating Non-Coding RNAs for the Clinical Management of Triple-Negative Breast Cancer. <i>Cancers</i> , 2022, 14, 803.	1.7	5
4136	Resveratrol ameliorates nutritional steatohepatitis through the miR-599/PXR pathway. <i>International Journal of Molecular Medicine</i> , 2022, 49, .	1.8	6
4137	Atorvastatin Restores PPAR α Inhibition of Lipid Metabolism Disorders by Downregulating miR-21 Expression to Improve Mitochondrial Function and Alleviate Diabetic Nephropathy Progression. <i>Frontiers in Pharmacology</i> , 2022, 13, 819787.	1.6	7
4138	MiR-155: An Important Regulator of Neuroinflammation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 90.	1.8	52
4139	Expression of and among Iranian Patients with Lung Cancer and Their Relationship with Smoking and Infection.. <i>Cell Journal</i> , 2021, 23, 723-729.	0.2	1
4140	Import of human miRNA-RISC complex into and regulation of the parasite gene expression. <i>Journal of Biosciences</i> , 2019, 44, .	0.5	7
4142	A multi-network integration approach for measuring disease similarity based on ncRNA regulation and heterogeneous information. <i>BMC Bioinformatics</i> , 2022, 23, 89.	1.2	0
4144	Physiological and Genetically Engineered Expression Modulation Methods Do Not Affect Cellular Levels of the Heat Shock Protein HSP60 in Prostate Cancer Cells. <i>In Vivo</i> , 2022, 36, 596-602.	0.6	1
4146	Modulation of miRISC-Mediated Gene Silencing in Eukaryotes. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 832916.	1.6	7
4147	Loss of miR-34 in <i>Drosophila</i> dysregulates protein translation and protein turnover in the aging brain. <i>Aging Cell</i> , 2022, 21, e13559.	3.0	13
4148	Differential Effects on the Translation of Immune-Related Alternatively Polyadenylated mRNAs in Melanoma and T Cells by eIF4A Inhibition. <i>Cancers</i> , 2022, 14, 1177.	1.7	5
4149	MicroRNA let-7 and viral infections: focus on mechanisms of action. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, 14.	2.7	59
4150	Genome-wide in silico analysis indicates the involvement of OsSWEET transporters in abiotic and heavy metal (loid) stress responses in rice. <i>Biologia (Poland)</i> , 0, , 1.	0.8	1
4151	The Role of Epigenetic Modifications in Human Cancers and the Use of Natural Compounds as Epidrugs: Mechanistic Pathways and Pharmacodynamic Actions. <i>Biomolecules</i> , 2022, 12, 367.	1.8	38
4152	CPEB1 directs muscle stem cell activation by reprogramming the translational landscape. <i>Nature Communications</i> , 2022, 13, 947.	5.8	16
4153	Sequential Delivery of Different MicroRNA Nanocarriers Facilitates the M1-to-M2 Transition of Macrophages. <i>ACS Omega</i> , 2022, 7, 8174-8183.	1.6	4

#	ARTICLE	IF	CITATIONS
4155	MiR-139-5p/ENAH Affects Progression of Hepatocellular Carcinoma Cells. <i>Biochemical Genetics</i> , 2022, 60, 2106-2119.	0.8	2
4156	An Insight Into the microRNA Profile of the Ectoparasitic Mite <i>Varroa destructor</i> (Acari: Varroidae), the Primary Vector of Honey Bee Deformed Wing Virus. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 847000.	1.8	2
4157	MicroRNAs as Potential Liquid Biopsy Biomarker for Patients with Castration-Resistant Prostate Cancer. <i>Research and Reports in Urology</i> , 2022, Volume 14, 63-70.	0.6	3
4158	Association between miRNA-499 gene polymorphism and autoimmune diseases: A meta-analysis. <i>PLoS ONE</i> , 2022, 17, e0266265.	1.1	1
4159	MicroRNAs in Pulmonary Hypertension, from Pathogenesis to Diagnosis and Treatment. <i>Biomolecules</i> , 2022, 12, 496.	1.8	8
4160	Regulation of Ferroptosis by Non-Coding RNAs in Head and Neck Cancers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3142.	1.8	6
4161	Downregulation of miR-21 is Involved in the Pathogenesis of Infection-Induced Preterm Birth by Targeting NF- κ B. <i>Reproductive Sciences</i> , 2022, 29, 1950-1958.	1.1	3
4163	The role of miRNAs as a big master regulator of signaling pathways involved in lymphoblastic leukemia. <i>Journal of Cellular Physiology</i> , 2022, 237, 2128-2139.	2.0	3
4164	Bioactivity and miRNome Profiling of Native Extracellular Vesicles in Human Induced Pluripotent Stem Cell-Cardiomyocyte Differentiation. <i>Advanced Science</i> , 2022, 9, e2104296.	5.6	14
4165	Alternate Causes for Pathogenesis of Exfoliation Glaucoma, a Multifactorial Elastotic Disorder: A Literature Review. <i>Current Issues in Molecular Biology</i> , 2022, 44, 1191-1202.	1.0	8
4166	MiR-5195-3p functions as a tumor suppressor in prostate cancer via targeting CCNL1. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, 25.	2.7	4
4167	Changes in microRNA Expression Profiles in Diabetic Cardiomyopathy Rats Following H3 Relaxin Treatment. <i>Journal of Cardiovascular Pharmacology</i> , 2022, 79, 530-538.	0.8	2
4168	MicroRNAs Regulate TASK κ 1 and Are Linked to Myocardial Dilatation in Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2022, 11, e023472.	1.6	16
4169	Identification and Validation of Dilated Cardiomyopathy-Related Genes via Bioinformatics Analysis. <i>International Journal of General Medicine</i> , 2022, Volume 15, 3663-3676.	0.8	5
4170	Identifying the oncogenic potential of gene fusions exploiting miRNAs. <i>Journal of Biomedical Informatics</i> , 2022, 129, 104057.	2.5	7
4171	Ethylene regulates miRNA-mediated lignin biosynthesis and leaf serration in <i>Arabidopsis thaliana</i> . <i>Biochemical and Biophysical Research Communications</i> , 2022, 605, 51-55.	1.0	7
4172	microRNA-150 targets major epigenetic repressors and inhibits cell proliferation. <i>Experimental Cell Research</i> , 2022, 415, 113110.	1.2	1
4173	MicroRNA 1228 Mediates the Viability of High Glucose-Cultured Renal Tubule Cells through Targeting Thrombospondin 2 and PI3K/AKT Signaling Pathway. <i>Kidney and Blood Pressure Research</i> , 2022, 47, 1-12.	0.9	8

#	ARTICLE	IF	CITATIONS
4174	Some Aspects of the Current State of Prenatal Stress and the Role of Oxidative Stress in the Realization of Its Consequences. <i>Biology Bulletin Reviews</i> , 2021, 11, 583-596.	0.3	0
4175	Opportunities Offered by Graphene Nanoparticles for MicroRNAs Delivery for Amyotrophic Lateral Sclerosis Treatment. <i>Materials</i> , 2022, 15, 126.	1.3	5
4176	The Role of microRNAs in the Mammary Gland Development, Health, and Function of Cattle, Goats, and Sheep. <i>Non-coding RNA</i> , 2021, 7, 78.	1.3	14
4177	Regulation of Methylase METTL3 on Fat Deposition. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 4843-4852.	1.1	3
4178	Lucanthone, Autophagy Inhibitor, Enhances the Apoptotic Effects of TRAIL through miR-216a-5p-Mediated DR5 Upregulation and DUB3-Mediated Mcl-1 Downregulation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 17.	1.8	3
4179	Photocaged amplified FRET nanoflares: spatiotemporal controllable of mRNA-powered nanomachines for precise and sensitive microRNA imaging in live cells. <i>Nucleic Acids Research</i> , 2022, 50, e40-e40.	6.5	17
4180	Pax-5 Protein Expression Is Regulated by Transcriptional 3'UTR Editing. <i>Cells</i> , 2022, 11, 76.	1.8	2
4181	MicroRNA-101 Regulates 6-Hydroxydopamine-Induced Cell Death by Targeting Suppressor/Enhancer Lin-12-Like in SH-SY5Y Cells. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 748026.	1.4	2
4182	mmu-miR-145a-5p Accelerates Diabetic Wound Healing by Promoting Macrophage Polarization Toward the M2 Phenotype. <i>Frontiers in Medicine</i> , 2021, 8, 775523.	1.2	11
4183	Identifying lncRNA- and Transcription Factor-Associated Regulatory Networks in the Cortex of Rats With Deep Hypothermic Circulatory Arrest. <i>Frontiers in Genetics</i> , 2021, 12, 746757.	1.1	2
4184	Methylation of DROSHA and DICER as a Biomarker for the Detection of Lung Cancer. <i>Cancers</i> , 2021, 13, 6139.	1.7	7
4185	Pathophysiology of miR-146a in lung cancer. Prospects of rising of efficiency of targeted therapy. <i>Reviews on Clinical Pharmacology and Drug Therapy</i> , 2021, 19, 359-381.	0.2	2
4186	Advanced graphene oxide-based paper sensor for colorimetric detection of miRNA. <i>Mikrochimica Acta</i> , 2022, 189, 35.	2.5	15
4187	miRNA'lar: Biyogenezî, Analiz Yöntemleri ve Biyobelirteş Potansiyeli. <i>Van Sağlık Bilimleri Dergisi</i> , 0, , .	0.6	0
4188	Polysaccharides Produced by the Mushroom <i>Trametes robiniophila</i> Murr Boosts the Sensitivity of Hepatoma Cells to Oxaliplatin via the miR-224-5p/ABCB1/P-gp Axis. <i>Integrative Cancer Therapies</i> , 2022, 21, 153473542210902.	0.8	6
4189	Investigation of the relationship between miR-33a, miR-122, erythrocyte membrane fatty acids profile, and serum lipids with components of metabolic syndrome in type 2 diabetic patients. <i>Research in Pharmaceutical Sciences</i> , 2022, 17, 242.	0.6	5
4190	Evolution of the ErbB gene family and analysis of regulators of Egfr expression during development of the rat spinal cord. <i>Neural Regeneration Research</i> , 2022, 17, 2484.	1.6	1
4191	MicroRNAs in Leukemias: A Clinically Annotated Compendium. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3469.	1.8	7

#	ARTICLE	IF	CITATIONS
4192	Inducible MicroRNA-132 Inhibits the Production of Inflammatory Cytokines by Targeting TRAF6, TAK1, and TAB1 in Teleost Fish. <i>Infection and Immunity</i> , 2022, 90, e0012022.	1.0	5
4193	Isotope Labels Combined with Solution NMR Spectroscopy Make Visible the Invisible Conformations of Small-to-Large RNAs. <i>Chemical Reviews</i> , 2022, 122, 9357-9394.	23.0	12
4194	Effects of salinity acclimation on histological characteristics and miRNA expression profiles of scales in juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>BMC Genomics</i> , 2022, 23, 300.	1.2	9
4195	Targeting of Mcl-1 Expression by MiRNA-3614-5p Promotes Cell Apoptosis of Human Prostate Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4194.	1.8	5
4196	Elevated Expression of miR-200c/141 in MDA-MB-231 Cells Suppresses MXRA8 Levels and Impairs Breast Cancer Growth and Metastasis In Vivo. <i>Genes</i> , 2022, 13, 691.	1.0	7
4197	A Proposed Role for Interactions between Argonautes, miRISC, and RNA Binding Proteins in the Regulation of Local Translation in Neurons and Glia. <i>Journal of Neuroscience</i> , 2022, 42, 3291-3301.	1.7	5
4243	Novel Pharmacological Targets for Pulmonary Arterial Hypertension. , 2021, 11, 2297-2349.		5
4244	Transcriptional and post-transcriptional regulation of checkpoint genes on the tumour side of the immunological synapse. <i>Heredity</i> , 2022, 129, 64-74.	1.2	4
4245	Suppression of <i>SIN3A</i> by miR-183 Promotes Breast Cancer Metastasis. <i>Molecular Cancer Research</i> , 2022, 20, 883-894.	1.5	5
4246	Stem cells and germ cells: microRNA and gene expression signatures. <i>Histology and Histopathology</i> , 2010, 25, 505-13.	0.5	19
4247	The Argonaute Proteins ALG-1 and ALG-2 Are Linked to Stress Resistance and Proteostasis. <i>MicroPublication Biology</i> , 2021, 2021, .	0.1	2
4248	How miRNAs Regulate Schwann Cells during Peripheral Nerve Regeneration? A Systemic Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3440.	1.8	12
4251	Depletion of tumor suppressor miRNA-148a in plasma relates to tumor progression and poor outcomes in gastric cancer.. <i>American Journal of Cancer Research</i> , 2021, 11, 6133-6146.	1.4	0
4252	<i>enrichMiR</i> predicts functionally relevant microRNAs based on target collections. <i>Nucleic Acids Research</i> , 2022, 50, W280-W289.	6.5	5
4253	Recent perspectives on therapeutic significance of microRNAs in hepatocellular carcinoma. , 2022, , 377-400.		0
4254	The Placental Epigenome as a Molecular Link Between Prenatal Exposures and Fetal Health Outcomes Through the DOHaD Hypothesis. <i>Current Environmental Health Reports</i> , 2022, 9, 490-501.	3.2	29
4255	Effects of Desflurane exposure and Laparotomy on genomic biomarkers and hepatic histopathology in an experimentally induced liver injury model: A pilot study. <i>Egyptian Journal of Anaesthesia</i> , 2022, 38, 242-248.	0.2	0
4256	Mechanical Cues Regulate Histone Modifications and Cell Behavior. <i>Stem Cells International</i> , 2022, 2022, 1-9.	1.2	2

#	ARTICLE	IF	CITATIONS
4257	MicroRNA Signature and Cellular Characterization of Undifferentiated and Differentiated House Ear Institute-Organ of Corti 1 (HEI-OC1) Cells. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2022, 23, 467-489.	0.9	4
4258	Long non-coding RNA LSAMP-1 is down-regulated in non-small cell lung cancer and predicts a poor prognosis. <i>Cancer Cell International</i> , 2022, 22, 181.	1.8	6
4259	LINC00152 Drives a Competing Endogenous RNA Network in Human Hepatocellular Carcinoma. <i>Cells</i> , 2022, 11, 1528.	1.8	6
4260	A2A Adenosine Receptor: A Possible Therapeutic Target for Alzheimer's Disease by Regulating NLRP3 Inflammasome Activity?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5056.	1.8	9
4261	Host and viral non-coding RNAs in dengue pathogenesis. <i>Reviews in Medical Virology</i> , 2022, 32, e2360.	3.9	6
4262	The pathogenicity and virulence of <i>Leishmania</i> - interplay of virulence factors with host defenses. <i>Virulence</i> , 2022, 13, 903-935.	1.8	15
4263	De Novo Large Deletion Leading to Fragile X Syndrome. <i>Frontiers in Genetics</i> , 2022, 13, .	1.1	1
4264	TiO ₂ @Ag nanozyme enhanced electrochemiluminescent biosensor coupled with DNA nanoframework-carried emitters and enzyme-assisted target recycling amplification for ultrasensitive detection of microRNA. <i>Chemical Engineering Journal</i> , 2022, 445, 136820.	6.6	19
4265	MicroRNAs and Noncoding RNAs as Gene Regulators and Potential Therapeutic Agents. , 2022, , 213-234.		1
4266	Advances in exosome biomarkers for cervical cancer. <i>Cancer Medicine</i> , 2022, 11, 4966-4978.	1.3	5
4267	Integrate Small RNA and Degradome Sequencing to Reveal Drought Memory Response in Wheat (<i>Triticum aestivum</i> L.). <i>International Journal of Molecular Sciences</i> , 2022, 23, 5917.	1.8	11
4268	Flow cytometry-based high-throughput RNAi screening for miRNAs regulating MHC class II HLA-DR surface expression. <i>European Journal of Immunology</i> , 2022, 52, 1452-1463.	1.6	4
4270	Immunomodulatory Properties of Human Breast Milk: MicroRNA Contents and Potential Epigenetic Effects. <i>Biomedicines</i> , 2022, 10, 1219.	1.4	18
4271	The Role, Significance, and Association of MicroRNA-10a/b in Physiology of Cancer. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2022, 11, 118-138.	0.6	1
4272	Three-in-One System Based on Multi-Path Nucleic Acid Amplification for Bioanalysis of Pre-miRNA/miRNA and Dicer Activity. <i>Analytical Chemistry</i> , 2022, 94, 8258-8266.	3.2	5
4273	Expression Profile of mRNAs and miRNAs Related to the Oxidative-Stress Phenomenon in the Ishikawa Cell Line Treated Either Cisplatin or Salinomycin. <i>Biomedicines</i> , 2022, 10, 1190.	1.4	3
4274	Noncoding RNAs: A New Layer of Functional RNAs. <i>Current Pharmaceutical Biotechnology</i> , 2023, 24, 856-871.	0.9	2
4278	MicroRNA Expression in Plasma of Esophageal Squamous Cell Carcinoma Patients. <i>Journal of Korean Medical Science</i> , 2022, 37, .	1.1	7

#	ARTICLE	IF	CITATIONS
4279	miR-335-5p regulates the proliferation, migration and phenotypic switching of vascular smooth muscle cells in aortic dissection by directly regulating SP1. <i>Acta Biochimica Et Biophysica Sinica</i> , 2022, 54, 961-973.	0.9	8
4280	Exosomes derived from stem cells from apical papilla promote angiogenesis via miR-126 under hypoxia. <i>Oral Diseases</i> , 2023, 29, 3408-3419.	1.5	4
4281	Circulating miRNAs as Potential Biomarkers for Patient Stratification in Bipolar Disorder: A Combined Review and Data Mining Approach. <i>Genes</i> , 2022, 13, 1038.	1.0	5
4282	The Role of MicroRNA in the Regulation of Tumor Epithelial-Mesenchymal Transition. <i>Cells</i> , 2022, 11, 1981.	1.8	14
4283	Construction and analysis of a ceRNA network and patterns of immune infiltration in chronic rhinosinusitis with nasal polyps: based on data mining and experimental verification. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
4284	Research progress and clinical application prospects of miRNAs in oral cancer. <i>Molecular Biology Reports</i> , 0, , .	1.0	3
4285	The Breast Cancer Protooncogenes HER2, BRCA1 and BRCA2 and Their Regulation by the iNOS/NOS2 Axis. <i>Antioxidants</i> , 2022, 11, 1195.	2.2	8
4286	Long non-coding RNA growth arrest specific 5 regulates the T helper 17/regulatory T balance by targeting miR-23a in myasthenia gravis. <i>Journal of International Medical Research</i> , 2022, 50, 030006052110537.	0.4	3
4287	Specific miRNAs Change After 3 Months of GH treatment and Contribute to Explain the Growth Response After 12 Months. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	1
4288	Prognostic MicroRNA Panel for HCV-Associated HCC: Integrating Computational Biology and Clinical Validation. <i>Cancers</i> , 2022, 14, 3036.	1.7	5
4289	Pathogenic Role of MicroRNA Dysregulation in Podocytopathies. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	2
4290	Sequence-Specific Features of Short Double-Strand, Blunt-End RNAs Have RIG-I- and Type 1 Interferon-Dependent or -Independent Anti-Viral Effects. <i>Viruses</i> , 2022, 14, 1407.	1.5	1
4291	Non-Coding RNAs and Oral Cancer: Small Molecules With Big Functions. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	5
4292	The Role of Inflammation-associated microRNA-4257 as a Promoter of Malignancy in Colorectal Cancer. <i>Anticancer Research</i> , 2022, 42, 3349-3360.	0.5	0
4293	miR449 Protects Airway Regeneration by Controlling AURKA/HDAC6-Mediated Ciliary Disassembly. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7749.	1.8	1
4294	Enhancing drought tolerance in pearl millet (<i>Pennisetum glaucum</i> L.): integrating traditional and omics approaches. <i>Euphytica</i> , 2022, 218, .	0.6	5
4295	Liquid Biopsy beyond Cancer: A miRNA Detection in Serum with Electrochemical Chip for Non-Invasive Coeliac Disease Diagnosis. <i>Advanced NanoBiomed Research</i> , 0, , 2200015.	1.7	0
4296	MiRNAs as Promising Translational Strategies for Neuronal Repair and Regeneration in Spinal Cord Injury. <i>Cells</i> , 2022, 11, 2177.	1.8	13

#	ARTICLE	IF	CITATIONS
4297	Multiomics to investigate the mechanisms contributing to repression of <i>PTPRC</i> and <i>SOCS2</i> in pediatric ALL: Focus on miR-363-3p and promoter methylation. <i>Genes Chromosomes and Cancer</i> , 0, .	1.5	1
4298	Adipocyte differentiation between obese and lean conditions depends on changes in miRNA expression. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
4299	miR-124-dependent tagging of synapses by synaptopodin enables input-specific homeostatic plasticity. <i>EMBO Journal</i> , 2022, 41, .	3.5	14
4300	miR-218: A Stress-Responsive Epigenetic Modifier. <i>Non-coding RNA</i> , 2022, 8, 55.	1.3	4
4306	MicroRNA target prediction and validation. , 2022, , 53-67.		0
4307	Time to go: neural crest cell epithelial-to-mesenchymal transition. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	10
4308	Green tea epigallocatechin gallate suppresses 3T3-L1 cell growth via microRNA-143/MAPK7 pathways. <i>Experimental Biology and Medicine</i> , 2022, 247, 1670-1679.	1.1	4
4309	Research progress of lncRNA and miRNA in hepatic ischemia-reperfusion injury. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2023, 22, 45-53.	0.6	5
4310	Analysis of ROQUIN, Tristetraprolin (TTP), and BDNF/miR-16/TTP regulatory axis in late onset Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	7
4311	Role of Epigenetic Mechanisms in Chronic Pain. <i>Cells</i> , 2022, 11, 2613.	1.8	13
4312	Molecular-Genetic Bases of Mammary Gland Development Using the Example of Cattle and Other Animal Species: I. Embryonic and Pubertal Developmental Stage. <i>Russian Journal of Genetics</i> , 2022, 58, 899-914.	0.2	1
4313	Advances of Epigenetic Biomarkers and Epigenome Editing for Early Diagnosis in Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9521.	1.8	8
4314	The Role of miRNAs in Metabolic Diseases. <i>Current Medicinal Chemistry</i> , 2023, 30, 1922-1944.	1.2	12
4315	Nectin-4 promotes osteosarcoma progression and metastasis through activating PI3K/AKT/NF- κ B signaling by down-regulation of miR-520c-3p. <i>Cancer Cell International</i> , 2022, 22, .	1.8	6
4316	Dietary stilbenes as modulators of specific miRNAs in prostate cancer. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	5
4318	Regulation of SMAD Signaling Pathway by miRNAs Associated with Myocardial Fibrosis: In silico Analysis of Target Gene Networks. <i>Biochemistry (Moscow)</i> , 2022, 87, 832-838.	0.7	0
4319	Liquid Biopsy and Circulating Biomarkers for the Diagnosis of Precancerous and Cancerous Oral Lesions. <i>Non-coding RNA</i> , 2022, 8, 60.	1.3	14
4320	Genome-wide identification and expression analysis of carotenoid cleavage oxygenase genes in Litchi (<i>Litchi chinensis</i> Sonn.). <i>BMC Plant Biology</i> , 2022, 22, .	1.6	13

#	ARTICLE	IF	CITATIONS
4321	LncRNA TPTEP1 inhibits the migration and invasion of gastric cancer cells through miR-548d-3p/KLF9/PER1 axis. <i>Pathology Research and Practice</i> , 2022, 237, 154054.	1.0	4
4322	In silico study on miRNA regulation and NSs protein interactome characterization of the SFTS virus. <i>Journal of Molecular Graphics and Modelling</i> , 2022, 117, 108291.	1.3	0
4323	22AG G-quadruplex RNA/OnMorpholine-mediated fluorimetric detection of miR-21. <i>Analytical Biochemistry</i> , 2022, 656, 114879.	1.1	2
4324	Salvianolic acid B suppresses hepatic stellate cell activation and liver fibrosis by inhibiting the NF- κ B signaling pathway via miR-6499-3p/LncRNA-ROR. <i>Phytomedicine</i> , 2022, 107, 154435.	2.3	7
4325	Multimiomics techniques for plant secondary metabolism engineering: Pathways to shape the bioeconomy. , 2023, , 205-252.		0
4326	Point-of-care electrochemical biosensors using CRISPR/Cas for RNA analysis. , 2022, , 317-333.		2
4327	Maturation of microRNAs. , 2022, , 19-30.		0
4328	miRNA-Mediated Oxidative Stress Management in Cancer. , 2022, , 1491-1510.		0
4329	Prediction of Disease-Linked miRNAs Based on SODNMF-DM. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
4330	Small RNAs and their protein partners in animal meiosis. <i>Current Topics in Developmental Biology</i> , 2022, , .	1.0	1
4331	MicroRNA-382-5p Promotes Oral Squamous Cell Carcinoma Development and Progression by Negatively Regulating PTEN Expression. <i>Journal of Oral and Maxillofacial Surgery</i> , 2022, 80, 2015-2023.	0.5	1
4332	Aberrant expression of miR-133a in endothelial cells inhibits angiogenesis by reducing pro-angiogenic but increasing anti-angiogenic gene expression. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
4333	MiRNA as a Potential Target for Multiple Myeloma Therapy-Current Knowledge and Perspectives. <i>Journal of Personalized Medicine</i> , 2022, 12, 1428.	1.1	4
4334	mgr-mir-9 implicates <i>Meloidogyne graminicola</i> infection in rice by targeting the effector MgPDI. <i>Journal of Integrative Agriculture</i> , 2022, , .	1.7	0
4335	Evidence that Transcriptional Alterations in <i>Sarcoptes scabiei</i> Are under Tight Post-Transcriptional (microRNA) Control. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9719.	1.8	1
4336	Carboxyl Group-Modified Myoglobin Induces TNF- α -Mediated Apoptosis in Leukemia Cells. <i>Pharmaceuticals</i> , 2022, 15, 1066.	1.7	2
4337	Targeting epigenetic regulators for treating diabetic nephropathy. <i>Biochimie</i> , 2022, 202, 146-158.	1.3	4
4338	LincRNA RMRP regulates phenylephrine-induced cardiomyocyte hypertrophy via targeting miR-1. <i>Journal of Cardiovascular Pharmacology</i> , 2022, Publish Ahead of Print, .	0.8	3

#	ARTICLE	IF	CITATIONS
4339	Inhibition of USP1 enhances anticancer drugs-induced cancer cell death through downregulation of survivin and miR-216a-5p-mediated upregulation of DR5. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	11
4340	Macrophage derived miR-7219â€“3p-containing exosomes mediate fibroblast trans-differentiation by targeting SPRY1 in silicosis. <i>Toxicology</i> , 2022, 479, 153310.	2.0	5
4341	<sc>mRNA</sc> isoform balance in neuronal development and disease. <i>Wiley Interdisciplinary Reviews RNA</i> , 2023, 14, .	3.2	4
4342	Unveiling caspase-2 regulation by non-coding RNAs. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	2
4343	Emerging Roles of Noncoding RNAs in Bovine Mastitis Diseases. <i>Pathogens</i> , 2022, 11, 1009.	1.2	6
4344	Upregulation of miRNA-26a Enhances the Apoptosis of Cerebral Neurons by Targeting EphA2 and Inhibiting the MAPK Pathway. <i>Developmental Neuroscience</i> , 2022, 44, 615-628.	1.0	2
4345	miRNA-1260b Promotes Breast Cancer Cell Migration and Invasion by Downregulating CCDC134. <i>Current Gene Therapy</i> , 2023, 23, 60-71.	0.9	3
4346	<sc>Hsaâ€“microRNA</sc>â€“370â€“3p targeting Snail and Twist1 suppresses <sc>IL</sc>â€“8/<sc>STAT3</sc>â€“driven hepatocellular carcinoma metastasis. <i>Cancer Science</i> , 2022, 113, 4120-4134.	1.7	11
4347	NLRP3 inflammasome activation mechanism and its role in autoimmune liver disease. <i>Acta Biochimica Et Biophysica Sinica</i> , 2022, 54, 1577-1586.	0.9	12
4348	The clinical significance of circulating microRNA-21 in patients with IgA nephropathy. <i>Kosin Medical Journal</i> , 2022, 37, 242-248.	0.1	0
4349	Genetic variants in miR-145 gene are associated with the risk of asthma in Taiwan. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
4350	MiR-30a-5p and miR-153-3p regulate LPS-induced neuroinflammatory response and neuronal apoptosis by targeting NeuroD1. <i>BMB Reports</i> , 2022, 55, 447-452.	1.1	5
4351	Is there a potential of circulating miRNAs as biomarkers in rheumatic diseases?. <i>Genes and Diseases</i> , 2023, 10, 1263-1278.	1.5	1
4352	Downregulation of NHE-3 (SLC9A3) expression by MicroRNAs in intestinal epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C1720-C1727.	2.1	3
4354	miR-125-3p and miR-276b-3p Regulate the Spermatogenesis of <i>Bactrocera dorsalis</i> by Targeting the orb2 Gene. <i>Genes</i> , 2022, 13, 1861.	1.0	4
4356	miR-17-5p Promotes Glucose Uptake of HTR8/SVneo Trophoblast Cells by Inhibiting TXNIP/NLRP3 Inflammasome Pathway. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 0, Volume 15, 3361-3374.	1.1	7
4357	Comprehensive Genome-Wide Analysis and Expression Pattern Profiling of the SIHVA22 Gene Family Unravels Their Likely Involvement in the Abiotic Stress Adaptation of Tomato. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12222.	1.8	4
4358	Dysregulation of miR-1-3p: An Early Event in Colitis-Associated Dysplasia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13024.	1.8	1

#	ARTICLE	IF	CITATIONS
4359	The Role of miR-155 in Antitumor Immunity. <i>Cancers</i> , 2022, 14, 5414.	1.7	10
4360	Urinary exosomes: Diagnostic impact with a bioinformatic approach. <i>Advances in Clinical Chemistry</i> , 2022, , 69-99.	1.8	6
4361	The Role of MicroRNAs in Cancer Biology and Therapy from a Systems Biology Perspective. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 1-22.	0.8	2
4362	<sc>MicroRNA</sc> signature of smallâ€œcell lung cancer after treatment failure: impact on oncogenic targets by <i>miRâ€œ30aâ€œ3p</i> control. <i>Molecular Oncology</i> , 2023, 17, 328-343.	2.1	3
4363	Use of serum procalcitonin (PCT) level and PCT mRNA expression as a potential clinical biomarker in cats with bacterial and viral infections. <i>Journal of Feline Medicine and Surgery</i> , 2022, 24, e595-e602.	0.6	2
4364	Integration of small RNAs from plasma and cerebrospinal fluid for classification of multiple sclerosis. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	0
4365	Expression profiling of miR-146a-3p and miR-1343 with their target genes after classical swine fever vaccination. <i>Indian Journal of Animal Sciences</i> , 2022, 90, 191-194.	0.1	0
4366	MicroRNAs and Vascular Activity. , 2022, , 267-285.		0
4367	Long noncoding RNA TUG1 decreases bladder cancer chemo-sensitivity toward doxorubicin through elevating KPNA2 expression and activating the PI3K/AKT pathway via adsorbing miR-582-5p. <i>Anti-Cancer Drugs</i> , 2023, 34, 144-154.	0.7	2
4368	MicroRNA Profiling Using a PCR-Based Method. <i>Methods in Molecular Biology</i> , 2023, , 159-170.	0.4	1
4369	miRNA Biogenesis and Regulation of Diseases: An Updated Overview. <i>Methods in Molecular Biology</i> , 2023, , 1-12.	0.4	22
4370	MicroRNAs as novel peripheral markers for suicidality in patients with major depressive disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	1
4371	RNA:RNA interaction in ternary complexes resolved by chemical probing. <i>Rna</i> , 2023, 29, 317-329.	1.6	2
4372	miRBind: A Deep Learning Method for miRNA Binding Classification. <i>Genes</i> , 2022, 13, 2323.	1.0	6
4373	Glomerular Endothelial Cell-Derived miR-200c Impairs Glomerular Homeostasis by Targeting Podocyte VEGF-A. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15070.	1.8	2
4374	Assessing the expression of two post-transcriptional BDNF regulators, TTP and miR-16 in the peripheral blood of patients with Schizophrenia. <i>BMC Psychiatry</i> , 2022, 22, .	1.1	1
4376	Expression of miRNA-Targeted and Not-Targeted Reporter Genes Shows Mutual Influence and Intercellular Specificity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15059.	1.8	1
4377	MicroRNA-378a-3p prevents initiation and growth of colorectal cancer by fine tuning polyamine synthesis. <i>Cell and Bioscience</i> , 2022, 12, .	2.1	3

#	ARTICLE	IF	CITATIONS
4378	PABPC1 mRNA stability, protein translation and tumorigenesis. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	9
4379	Exosomes: special nano-therapeutic carrier for cancers, overview on anticancer drugs. , 2023, 40, .		5
4380	Extracellular vesicles secreted by adenomyosis endometrial organoids contain miRNAs involved in embryo implantation and pregnancy. <i>Reproductive BioMedicine Online</i> , 2023, 46, 470-481.	1.1	4
4381	Allulose Supplementation Prevents Diet-Induced Hepatic Lipid Accumulation via miR-130a-Mediated Regulation in C57BL/6 Mice. <i>Molecular Nutrition and Food Research</i> , 0, , 2200748.	1.5	0
4382	In vivo PIWI slicing in mouse testes deviates from rules established in vitro. <i>Rna</i> , 2023, 29, 308-316.	1.6	5
4383	Advances and Highlights of miRNAs in Asthma: Biomarkers for Diagnosis and Treatment. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1628.	1.8	5
4384	MicroRNAs in Ruminants and Their Potential Role in Nutrition and Physiology. <i>Veterinary Sciences</i> , 2023, 10, 57.	0.6	2
4385	Brain-enriched miR-128: Reduced in exosomes from Parkinson's patient plasma, improves synaptic integrity, and prevents 6-OHDA mediated neuronal apoptosis. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	10
4386	Prognostic and therapeutic potential of microRNAs for fracture healing processes and non-union fractures: A systematic review. <i>Clinical and Translational Medicine</i> , 2023, 13, .	1.7	3
4387	An insight into the sprawling microverse of microRNAs in depression pathophysiology and treatment response. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 146, 105040.	2.9	4
4388	Secreted PGK1 and IGFBP2 contribute to the bystander effect of miR-10b gene editing in glioma. <i>Molecular Therapy - Nucleic Acids</i> , 2023, 31, 265-275.	2.3	1
4389	Role and Dysregulation of miRNA in Patients with Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2023, 24, 712.	1.8	8
4390	bta-miR-2904 inhibits bovine viral diarrhea virus replication by targeting viral-infection-induced autophagy via ATG13. <i>Archives of Virology</i> , 2023, 168, .	0.9	2
4391	MicroRNAs as Biomarkers for Coronary Artery Disease Related to Type 2 Diabetes Mellitus-From Pathogenesis to Potential Clinical Application. <i>International Journal of Molecular Sciences</i> , 2023, 24, 616.	1.8	5
4392	Mapping miRNA Research in Schizophrenia: A Scientometric Review. <i>International Journal of Molecular Sciences</i> , 2023, 24, 436.	1.8	10
4393	Epigenetics Analysis Using Artificial Intelligence in the Era of Precision Oncology. , 2023, , 117-137.		0
4394	miRNAs as Epigenetic Cancer Biomarker. , 2023, , 241-271.		0
4395	The sodium new houttuyfonate suppresses NSCLC via activating pyroptosis through TCONS-14036/miR-1228-5p/PRKCDBP pathway. <i>Cell Proliferation</i> , 2023, 456, .		2

#	ARTICLE	IF	CITATIONS
4396	Long-term potentiation and depression regulatory microRNAs were highlighted in Bisphenol A induced learning and memory impairment by microRNA sequencing and bioinformatics analysis. PLoS ONE, 2023, 18, e0279029.	1.1	3
4397	Regulation of mRNA stability contributes to the function of innate lymphoid cells in various diseases. Frontiers in Immunology, 0, 14, .	2.2	1
4401	Implications of miRNA in autoimmune and inflammatory skin diseases. , 2023, , 209-234.		0
4402	New insights on the cardiovascular effects of IGF-1. Frontiers in Endocrinology, 0, 14, .	1.5	7
4403	The Role of Non-coding RNAs in Methamphetamine-Induced Neurotoxicity. Cellular and Molecular Neurobiology, 0, , .	1.7	3
4404	Research progress of non-coding RNAs regulation on intramuscular adipocytes in domestic animals. Gene, 2023, 860, 147226.	1.0	3
4405	Downregulation of microRNAâ€494 inhibits cell proliferation in lung squamous cell carcinoma via the induction of PUMAâ€mediated apoptosis. Experimental and Therapeutic Medicine, 2023, 25, .	0.8	1
4406	miRNA let-7a inhibits invasion, migration, anchorage-independent growth by suppressing EZH2 and promotes mesenchymal to epithelial transition in MDAMB-231. Gene Reports, 2023, 31, 101752.	0.4	1
4407	Circulating lipoprotein-carried miRNome analysis reveals novel VLDL-enriched microRNAs that strongly correlate with the HDL-microRNA profile. Biomedicine and Pharmacotherapy, 2023, 162, 114623.	2.5	4
4408	Combinations of grape seed procyanidin extract and milk thistle silymarin extract against lung cancer â€ The role of MiR-663a and FHIT. Life Sciences, 2023, 318, 121492.	2.0	2
4409	MicroRNA-125b-Î³-induzierte Downregulation des Vitamin-D-Rezeptors bei systemischem Lupus erythematodes. Zeitschrift Fur Rheumatologie, 2024, 83, 132-139.	0.5	2
4410	MicroRNA-Mediated Responses: Adaptations to Marine Extreme Environments. Journal of Marine Science and Engineering, 2023, 11, 361.	1.2	1
4411	Circular RNAs and Untranslated Regions in Acute Myeloid Leukemia. International Journal of Molecular Sciences, 2023, 24, 3215.	1.8	0
4412	miR-124 Exacerbates depressive-like behavior by targeting Ezh2 to induce autophagy. Behavioural Pharmacology, 2023, 34, 131-140.	0.8	1
4413	Autophagy as a self-digestion signal in human cancers: Regulation by microRNAs in affecting carcinogenesis and therapy response. Pharmacological Research, 2023, 189, 106695.	3.1	4
4414	Novel Biotherapeutics Targeting Biomolecular and Cellular Approaches in Diabetic Wound Healing. Biomedicines, 2023, 11, 613.	1.4	7
4415	Not1 and Not4 inversely determine mRNA solubility that sets the dynamics of co-translational events. Genome Biology, 2023, 24, .	3.8	4
4416	miR-130a targets CiGadd45bb to modulate the inflammatory response to bacterial infection in Ctenopharyngodon idella kidney (CIK) cells. Fish and Shellfish Immunology, 2023, 135, 108633.	1.6	0

#	ARTICLE	IF	CITATIONS
4417	MicroRNA miR-252a-5p regulates the Notch signaling pathway by targeting <i>Rab6</i> in <i>Drosophila</i> wing development. <i>Insect Science</i> , 2023, 30, 1431-1444.	1.5	1
4419	Arsenic-induced liver injury. , 2023, , 355-380.		0
4420	Using Attribution Sequence Alignment to Interpret Deep Learning Models for miRNA Binding Site Prediction. <i>Biology</i> , 2023, 12, 369.	1.3	1
4421	microRNA: Sebuah panduan pemula untuk klinisi dan peneliti. <i>Journal of Medicine & Health</i> , 2023, 5, 80-94.	0.2	0
4422	Expression analysis and targets prediction of microRNAs in OGD/R treated astrocyte-derived exosomes by smallRNA sequencing. <i>Genomics</i> , 2023, 115, 110594.	1.3	2
4423	Low myoglobin concentration in skeletal muscle of elite cyclists is associated with low mRNA expression levels. <i>European Journal of Applied Physiology</i> , 0, , .	1.2	0
4424	Dysregulation of Serum MicroRNA after Intracerebral Hemorrhage in Aged Mice. <i>Biomedicines</i> , 2023, 11, 822.	1.4	3
4425	Arsenic causing gallbladder cancer disease in Bihar. <i>Scientific Reports</i> , 2023, 13, .	1.6	6
4426	Arsenic resistance protein 2 and microRNA biogenesis: Biological implications in cancer development. , 2023, 244, 108386.		0
4427	Shared miRNA landscapes of COVID-19 and neurodegeneration confirm neuroinflammation as an important overlapping feature. <i>Frontiers in Molecular Neuroscience</i> , 0, 16, .	1.4	2
4428	Latexin regulates sex dimorphism in hematopoiesis via gender-specific differential expression of microRNA 98-3p and thrombospondin 1. <i>Cell Reports</i> , 2023, 42, 112274.	2.9	1
4429	Epigenetics in Canine Mammary Tumors: Upregulation of miR-18a and miR-18b Oncogenes Is Associated with Decreased ERS1 Target mRNA Expression and ER α Immunoprecipitation in Highly Proliferating Carcinomas. <i>Animals</i> , 2023, 13, 1086.	1.0	2
4430	MicroRNA in the Diagnosis and Treatment of Doxorubicin-Induced Cardiotoxicity. <i>Biomolecules</i> , 2023, 13, 568.	1.8	4
4431	Circulating miRNA as a Biomarker in Oral Cancer Liquid Biopsy. <i>Biomedicines</i> , 2023, 11, 965.	1.4	4
4432	Nutriepigenomics in Environmental-Associated Oxidative Stress. <i>Antioxidants</i> , 2023, 12, 771.	2.2	3
4433	MicroRNA control of the myogenic cell transcriptome and proteome: the role of miR-16. <i>American Journal of Physiology - Cell Physiology</i> , 2023, 324, C1101-C1109.	2.1	5
4434	The Role of MicroRNA in the Pathogenesis of Diabetic Nephropathy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6214.	1.8	5
4435	Non-coding RNAs: The recently accentuated molecules in the regulation of cell autophagy for ovarian cancer pathogenesis and therapeutic response. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	4

#	ARTICLE	IF	CITATIONS
4437	Long Noncoding RNA AROD Inhibits Host Antiviral Innate Immunity via the miR-324-5pâ€“CUEDC2 Axis. <i>Microbiology Spectrum</i> , 0, , .	1.2	0
4438	MicroRNA-146b-5p Suppresses Pro-Inflammatory Mediator Synthesis via Targeting TRAF6, IRAK1, and RELA in Lipopolysaccharide-Stimulated Human Dental Pulp Cells. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7433.	1.8	0
4443	microRNA, epi-microRNA, and cancer. , 2023, , 85-107.		0
4444	MicroRNAs in Neural Stem Cells. , 2015, , 167-186.		0
4445	Regulation of Bone Homeostasis and Regeneration by MicroRNAs. , 2023, , 741-770.		0
4446	MicroRNAs in Renal Development and Regeneration. , 2023, , 293-313.		0
4450	Model Reduction and Implicitâ€“Explicit Rungeâ€“Kutta Schemes for Nonlinear Stiff Initial-Value Problems. <i>Springer Proceedings in Mathematics and Statistics</i> , 2023, , 107-122.	0.1	0
4456	MicroRNA Expression Profile in Patients Admitted to ICU as Novel and Reliable Approach for Diagnostic and Therapeutic Purposes. <i>Molecular Biotechnology</i> , 0, , .	1.3	0
4461	Non-coding RNAs. , 2023, , 89-138.		0
4474	Pharmacogenomics - A Prospective Journey Towards Precision Medicine. , 0, , .		0
4496	Glucocorticoid Effect in Cancer Patients. <i>Methods in Molecular Biology</i> , 2023, , 339-352.	0.4	0
4513	Clinical Radiobiology for Radiation Oncology. , 2023, , 237-309.		0
4522	Resistance of prostate cancer to topoisomerase inhibitors. , 2024, , 157-178.		0
4525	Functional Role of MicroRNAs in Embryogenesis. , 0, , .		0
4526	How dendritic spines shape is determined by MMP-9 activity in FXS. <i>International Review of Neurobiology</i> , 2023, , 171-185.	0.9	0
4537	Molecular features for timely cancer diagnosis and treatment â€“ tumors of the ovary, fallopian tube and endometrium. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 0, , .	1.4	0
4545	Controlled Delivery of Target-Specific MicroRNA Analogs as a Key to RNAi Therapeutics in Cancer. , 2024, , .		0
4557	Calcium and Phosphate Ion Efflux from Cells: The Roles of Matrix Vesicles, Extracellular Vesicles, and Other Membrane-invested Transporters in Vertebrate Hard Tissue Mineralization. , 2023, , 237-294.		0

#	ARTICLE	IF	CITATIONS
4559	The evolutionary significance of post-transcriptional gene regulation. <i>Heredity</i> , 2024, 132, 117-119.	1.2	0