Silencing of microRNAs in vivo with â€˜antagomirsâ€

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#	Article	IF	Citations
1	Therapeutic applications of anti-sense mechanisms for the treatment of cancer. , 0, , 893-902.		0
2	Title is missing!. Genome Biology, 2005, 6, P14.	13.9	1
3	Experimental approaches to identify non-coding RNAs. Nucleic Acids Research, 2006, 34, 635-646.	6.5	480
4	A role for Dicer in immune regulation. Journal of Experimental Medicine, 2006, 203, 2519-2527.	4.2	490
5	Positive and Negative Modulation of Viral and Cellular mRNAs by Liver-specific MicroRNA miR-122. Cold Spring Harbor Symposia on Quantitative Biology, 2006, 71, 369-376.	2.0	109
6	MicroRNAs as Therapeutic Targets. New England Journal of Medicine, 2006, 354, 1194-1195.	13.9	124
7	Host-virus interaction: a new role for microRNAs. Retrovirology, 2006, 3, 68.	0.9	209
8	Employment of microRNA profiles and RNA interference and antagomirs for the characterization and treatment of respiratory disease. Drug Discovery Today: Therapeutic Strategies, 2006, 3, 325-332.	0.5	2
9	Interpreting Oligonucleotide Microarray Data To Determine RNA Secondary Structure:Â Application to the 3â€˜ End ofBombyx moriR2 RNAâ€. Biochemistry, 2006, 45, 9819-9832.	1.2	20
10	Identification of microRNAs from different tissues of chicken embryo and adult chicken. FEBS Letters, 2006, 580, 3610-3616.	1.3	59
11	Relief of microRNA-Mediated Translational Repression in Human Cells Subjected to Stress. Cell, 2006, 125, 1111-1124.	13.5	1,186
12	Knocking down Disease with siRNAs. Cell, 2006, 126, 231-235.	13.5	186
13	miR-122 regulation of lipid metabolism revealed by in vivo antisense targeting. Cell Metabolism, 2006, 3, 87-98.	7.2	1,969
14	MicroRNAs: A new class of regulatory genes affecting metabolism. Cell Metabolism, 2006, 4, 9-12.	7.2	370
15	Abundant transcripts from retrotransposons are unstable in fully grown mouse oocytes. Biochemical and Biophysical Research Communications, 2006, 347, 36-43.	1.0	27
16	Inhibition of PRL-3 gene expression in gastric cancer cell line SGC7901 via microRNA suppressed reduces peritoneal metastasis. Biochemical and Biophysical Research Communications, 2006, 348, 229-237.	1.0	100
17	MicroRNAs as oncogenes. Current Opinion in Genetics and Development, 2006, 16, 4-9.	1.5	389
18	MicroRNA therapeutics: a new niche for antisense nucleic acids. Trends in Molecular Medicine, 2006, 12, 99-101.	3.5	89

#	Article	IF	Citations
19	MicroRNA expression and function in cancer. Trends in Molecular Medicine, 2006, 12, 580-587.	3.5	699
21	MicroRNAs control angiogenesis. Blood, 2006, 108, 2887-2888.	0.6	1
22	Stress-induced Reversal of MicroRNA Repression and mRNA P-body Localization in Human Cells. Cold Spring Harbor Symposia on Quantitative Biology, 2006, 71, 513-521.	2.0	147
23	Deep Conservation of MicroRNA-target Relationships and 3'UTR Motifs in Vertebrates, Flies, and Nematodes. Cold Spring Harbor Symposia on Quantitative Biology, 2006, 71, 149-156.	2.0	101
24	MicroRNA Function and Mechanism: Insights from Zebra Fish. Cold Spring Harbor Symposia on Quantitative Biology, 2006, 71, 195-203.	2.0	66
25	Viruses and microRNAs. Nature Genetics, 2006, 38, S25-S30.	9.4	365
26	microRNA target predictions in animals. Nature Genetics, 2006, 38, S8-S13.	9.4	987
27	Strategies to determine the biological function of microRNAs. Nature Genetics, 2006, 38, S14-S19.	9.4	234
28	Augmentation of tumor angiogenesis by a Myc-activated microRNA cluster. Nature Genetics, 2006, 38, 1060-1065.	9.4	1,000
29	Natural selection on human microRNA binding sites inferred from SNP data. Nature Genetics, 2006, 38, 1452-1456.	9.4	431
30	MicroRNAs: 'ribo-regulators' of glucose homeostasis. Nature Medicine, 2006, 12, 36-38.	15.2	135
32	Oncomirs â€" microRNAs with a role in cancer. Nature Reviews Cancer, 2006, 6, 259-269.	12.8	6,509
33	MicroRNA signatures in human cancers. Nature Reviews Cancer, 2006, 6, 857-866.	12.8	7,008
34	MicroRNAs hit the big time. Nature Reviews Drug Discovery, 2006, 5, 5-5.	21.5	6
35	MicroRNAs: expression, avoidance and subversion by vertebrate viruses. Nature Reviews Microbiology, 2006, 4, 651-659.	13.6	109
36	Fatality in mice due to oversaturation of cellular microRNA/short hairpin RNA pathways. Nature, 2006, 441, 537-541.	13.7	1,518
37	MicroRNAs and the hallmarks of cancer. Oncogene, 2006, 25, 6170-6175.	2.6	344
38	A small piece in the cancer puzzle: microRNAs as tumor suppressors and oncogenes. Oncogene, 2006, 25, 6188-6196.	2.6	661

#	Article	IF	Citations
39	RNA interference in cancer. New Biotechnology, 2006, 23, 17-34.	2.7	116
40	Zebrafish MiR-430 Promotes Deadenylation and Clearance of Maternal mRNAs. Science, 2006, 312, 75-79.	6.0	1,405
41	Epigenetic regulation of immune escape genes in cancer. Cancer Immunology, Immunotherapy, 2006, 55, 1159-1184.	2.0	108
42	RNAi, microRNAs, and human disease. Cancer Chemotherapy and Pharmacology, 2006, 58, 63-68.	1.1	104
43	Hairpin RNA: a secondary structure of primary importance. Cellular and Molecular Life Sciences, 2006, 63, 901-908.	2.4	176
44	Somatic stem cells and the origin of cancer. Clinical and Translational Oncology, 2006, 8, 647-663.	1.2	49
45	Genetic regulation by non-coding RNAs. Science in China Series C: Life Sciences, 2006, 49, 201-217.	1.3	8
46	Role of miRNA and miRNA processing factors in development and disease. Birth Defects Research Part C: Embryo Today Reviews, 2006, 78, 107-117.	3.6	47
47	MicroRNAs and cell differentiation in mammalian development. Birth Defects Research Part C: Embryo Today Reviews, 2006, 78, 140-149.	3.6	120
48	The evolving role of microRNAs in animal gene expression. BioEssays, 2006, 28, 449-452.	1.2	38
49	MicroRNAsâ€"Future Drug Targets?. Angewandte Chemie - International Edition, 2006, 45, 5048-5050.	7.2	80
50	Downregulation of miR-122 in the rodent and human hepatocellular carcinomas. Journal of Cellular Biochemistry, 2006, 99, 671-678.	1.2	575
51	MicroRNA and cancer: Current status and prospective. International Journal of Cancer, 2006, 120, 953-960.	2.3	231
53	Immense Promises for Tiny Molecules: Uncovering miRNA Functions. Cell Cycle, 2006, 5, 1415-1421.	1.3	31
54	Effects of Dicer and Argonaute down-regulation on mRNA levels in human HEK293 cells. Nucleic Acids Research, 2006, 34, 4801-4815.	6.5	178
55	MicroRNA trafficking and human cancer. Cancer Biology and Therapy, 2006, 5, 573-578.	1.5	37
56	microRNA Control of Lifespan and Metabolism. Cell Cycle, 2006, 5, 837-840.	1.3	137
57	Denoising feedback loops by thresholding--a new role for microRNAs. Genes and Development, 2006, 20, 2769-2772.	2.7	87

#	Article	IF	Citations
58	Epigenetic Activation of Tumor Suppressor MicroRNAs in Human Cancer Cells. Cell Cycle, 2006, 5, 2220-2222.	1.3	266
59	Cell-type-specific signatures of microRNAs on target mRNA expression. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2746-2751.	3.3	602
60	A Limited Set of Human MicroRNA Is Deregulated in Follicular Thyroid Carcinoma. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3584-3591.	1.8	285
61	Drosophila lacking microRNA miR-278 are defective in energy homeostasis. Genes and Development, 2006, 20, 417-422.	2.7	211
62	MicroRNAs direct rapid deadenylation of mRNA. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 4034-4039.	3.3	1,009
63	Efficient and Persistent Splice Switching by Systemically Delivered LNA Oligonucleotides in Mice. Molecular Therapy, 2006, 14, 471-475.	3.7	102
64	805. Fatality in Mice Due to Oversaturation of Cellular Micro/Short Hairpin RNA Pathways. Molecular Therapy, 2006, 13, S312.	3.7	0
65	Improved targeting of miRNA with antisense oligonucleotides. Nucleic Acids Research, 2006, 34, 2294-2304.	6.5	392
66	Reprogramming somatic cells into stem cells. Reproduction, 2006, 132, 709-720.	1.1	43
67	MicroRNA-21 Knockdown Disrupts Glioma Growth In vivo and Displays Synergistic Cytotoxicity with Neural Precursor Cellâ€"Delivered S-TRAIL in Human Gliomas. Cancer Research, 2007, 67, 8994-9000.	0.4	416
68	Noncoding RNAs in the Brain. Journal of Neuroscience, 2007, 27, 11856-11859.	1.7	33
69	A simple array platform for microRNA analysis and its application in mouse tissues. Rna, 2007, 13, 1803-1822.	1.6	101
70	Therapeutic silencing of mutant huntingtin with siRNA attenuates striatal and cortical neuropathology and behavioral deficits. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17204-17209.	3.3	378
71	MicroRNA-192 in diabetic kidney glomeruli and its function in TGF-beta-induced collagen expression via inhibition of E-box repressors. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3432-3437.	3.3	664
72	MicroRNA-21 Targets the Tumor Suppressor Gene Tropomyosin 1 (TPM1). Journal of Biological Chemistry, 2007, 282, 14328-14336.	1.6	944
73	Dynamic regulation of miRNA expression in ordered stages of cellular development. Genes and Development, 2007, 21, 578-589.	2.7	417
74	MicroRNAs and Regenerative Medicine. DNA and Cell Biology, 2007, 26, 257-264.	0.9	26
75	miRGator: an integrated system for functional annotation of microRNAs. Nucleic Acids Research, 2007, 36, D159-D164.	6.5	155

#	Article	IF	Citations
76	Enjoy the Silence: The Story of let-7 MicroRNA and Cancer. Current Genomics, 2007, 8, 229-233.	0.7	78
77	Small Interfering RNA in Drug Metabolism and Transport. Current Drug Metabolism, 2007, 8, 700-708.	0.7	38
78	Molecular therapy in the microRNA era. Pharmacogenomics Journal, 2007, 7, 297-304.	0.9	69
79	Selective Photo-Cross-Linking of 2â€²-O-Psoralen-Conjugated Oligonucleotide with Rnas Having Point Mutations. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 277-290.	0.4	22
80	Targeted Inhibition of miRNA Maturation with Morpholinos Reveals a Role for miR-375 in Pancreatic Islet Development. PLoS Biology, 2007, 5, e203.	2.6	416
81	True Antisense Oligonucleotides with Modified Nucleotides Restricted in the Nconformation. Current Topics in Medicinal Chemistry, 2007, 7, 661-665.	1.0	25
82	At Tachment of Cholesterol to Amino-LNA: Synthesis and Hybridization Properties. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1645-1647.	0.4	12
83	MicroRNAs in Tumorigenesis. Current Pharmaceutical Biotechnology, 2007, 8, 320-325.	0.9	50
84	Future of molecular profiling of human hepatocellular carcinoma. Future Oncology, 2007, 3, 429-439.	1.1	19
85	Double-stranded regions are essential design components of potent inhibitors of RISC function. Rna, 2007, 13, 723-730.	1.6	99
86	miRNAs. Organogenesis, 2007, 3, 25-33.	0.4	4
87	Global analysis of microRNA target gene expression reveals that miRNA targets are lower expressed in mature mouse and Drosophila tissues than in the embryos. Nucleic Acids Research, 2007, 35, 152-164.	6.5	123
88	MicroRNA with a MacroFunction. Cell Cycle, 2007, 6, 1850-1855.	1.3	33
89	Revealing a Role of MicroRNAs in the Regulation of the Biological Clock. Cell Cycle, 2007, 6, 3034-3038.	1.3	41
90	Drug discovery using the regulation of gene expression. Expert Opinion on Drug Discovery, 2007, 2, 987-1000.	2.5	0
91	Regulation of MicroRNA by Antagomirs. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 8-12.	1.4	76
92	Regulatory mechanisms of microRNAs involvement in cancer. Expert Opinion on Biological Therapy, 2007, 7, 1009-1019.	1.4	150
93	Cellular cofactors affecting hepatitis C virus infection and replication. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12884-12889.	3.3	511

#	Article	IF	Citations
94	MicroRNA and Brain Tumors: A Cause and a Cure?. DNA and Cell Biology, 2007, 26, 301-310.	0.9	31
95	Dicer Dependent MicroRNAs Regulate Gene Expression and Functions in Human Endothelial Cells. Circulation Research, 2007, 100, 1164-1173.	2.0	656
96	Aberrant allele frequencies of the SNPs located in microRNA target sites are potentially associated with human cancers. Nucleic Acids Research, 2007, 35, 4535-4541.	6.5	254
97	MicroRNAs in synapse development: tiny molecules to remember. Expert Opinion on Biological Therapy, 2007, 7, 1823-1831.	1.4	17
99	The Micro-Ribonucleic Acid (miRNA) miR-206 Targets the Human Estrogen Receptor-Î± (ERÎ±) and Represses ERÎ± Messenger RNA and Protein Expression in Breast Cancer Cell Lines. Molecular Endocrinology, 2007, 21, 1132-1147.	3.7	456
100	Transcripts Targeted by the MicroRNA-16 Family Cooperatively Regulate Cell Cycle Progression. Molecular and Cellular Biology, 2007, 27, 2240-2252.	1.1	516
101	miR-122 targeting with LNA/2â€²-O-methyl oligonucleotide mixmers, peptide nucleic acids (PNA), and PNAâ€“peptide conjugates. Rna, 2008, 14, 336-346.	1.6	234
102	MicroRNAs in human cancer: from research to therapy. Journal of Cell Science, 2007, 120, 1833-1840.	1.2	222
103	Resizing the Genomic Regulation of Restenosis. Circulation Research, 2007, 100, 1537-1539.	2.0	7
104	Coordinate Suppression of ERBB2 and ERBB3 by Enforced Expression of Micro-RNA miR-125a or miR-125b. Journal of Biological Chemistry, 2007, 282, 1479-1486.	1.6	551
105	Most Caenorhabditis elegans microRNAs Are Individually Not Essential for Development or Viability. PLoS Genetics, 2007, 3, e215.	1.5	412
106	microRNAs in Adult Rodent Liver Are Refractory to Dioxin Treatment. Toxicological Sciences, 2007, 99, 470-487.	1.4	78
107	Manipulation of small RNAs to modify the chicken transcriptome and enhance productivity traits. Cytogenetic and Genome Research, 2007, 117, 158-164.	0.6	2
108	Emerging Role of MicroRNAs in Cardiovascular Biology. Circulation Research, 2007, 101, 1225-1236.	2.0	272
109	Specificity, duplex degradation and subcellular localization of antagomirs. Nucleic Acids Research, 2007, 35, 2885-2892.	6.5	433
110	Distance constraints between microRNA target sites dictate efficacy and cooperativity. Nucleic Acids Research, 2007, 35, 2333-2342.	6.5	308
111	Expression of the miR-17-92 polycistron in chronic myeloid leukemia (CML) CD34+ cells. Blood, 2007, 109, 4399-4405.	0.6	333
112	Genetics and molecular biology: micro RNAs are welcome to the lipid field. Current Opinion in Lipidology, 2007, 18, 375-377.	1.2	2

#	Article	IF	Citations
113	Skeletal muscle remodeling. Current Opinion in Rheumatology, 2007, 19, 542-549.	2.0	43
114	Recent Patents on the Identification and Clinical Application of microRNAs and Target Genes. Recent Patents on DNA & Gene Sequences, 2007, 1, 116-24.	0.7	4
115	microRNAs as oncogenes and tumor suppressors. Developmental Biology, 2007, 302, 1-12.	0.9	2,285
116	Analysis of microRNA effector functions in vitro. Methods, 2007, 43, 91-104.	1.9	20
117	Isolation of microRNA targets using biotinylated synthetic microRNAs. Methods, 2007, 43, 162-165.	1.9	152
118	microRNA Modulation of Circadian-Clock Period and Entrainment. Neuron, 2007, 54, 813-829.	3.8	520
119	Transactivation of miR-34a by p53 BroadlyÂInfluences Gene Expression andÂPromotesÂApoptosis. Molecular Cell, 2007, 26, 745-752.	4.5	1,844
120	The role of microRNAs in cancer: No small matter. European Journal of Cancer, 2007, 43, 1529-1544.	1.3	318
121	MicroRNAs preferentially target the genes with high transcriptional regulation complexity. Biochemical and Biophysical Research Communications, 2007, 352, 733-738.	1.0	130
122	Blockade of invasion and metastasis of breast cancer cells via targeting CXCR4 with an artificial microRNA. Biochemical and Biophysical Research Communications, 2007, 363, 542-546.	1.0	122
123	miR-181a Is an Intrinsic Modulator of T Cell Sensitivity and Selection. Cell, 2007, 129, 147-161.	13.5	1,088
124	A Mammalian microRNA Expression Atlas Based on Small RNA Library Sequencing. Cell, 2007, 129, 1401-1414.	13.5	3,390
125	Drosophila microRNAs Are Sorted into Functionally Distinct Argonaute Complexes after Production by Dicer-1. Cell, 2007, 130, 287-297.	13.5	378
126	MicroRNA Targeting Specificity in Mammals: Determinants beyond Seed Pairing. Molecular Cell, 2007, 27, 91-105.	4.5	3,386
127	The MUC1 and Galectin-3 Oncoproteins Function in a MicroRNA-Dependent Regulatory Loop. Molecular Cell, 2007, 27, 992-1004.	4.5	165
128	Identification and characterization of microRNAs from the bovine adipose tissue and mammary gland. FEBS Letters, 2007, 581, 981-988.	1.3	147
129	MicroRNAs as therapeutic targets in human diseases. Expert Opinion on Therapeutic Targets, 2007, 11, 1119-1129.	1.5	51
130	MicroRNAs in Tumorigenesis. American Journal of Pathology, 2007, 171, 728-738.	1.9	200

#	Article	IF	Citations
131	MicroRNAs in the Human Heart. Circulation, 2007, 116, 258-267.	1.6	852
132	Expression profiling in vivo demonstrates rapid changes in lung microRNA levels following lipopolysaccharide-induced inflammation but not in the anti-inflammatory action of glucocorticoids. BMC Genomics, 2007, 8, 240.	1.2	266
133	Design and Creation of New Nanomaterials for Therapeutic RNAi. ACS Chemical Biology, 2007, 2, 237-241.	1.6	75
134	Lung Delivery Studies Using siRNA Conjugated to TAT(48â˜'60) and Penetratin Reveal Peptide Induced Reduction in Gene Expression and Induction of Innate Immunity. Bioconjugate Chemistry, 2007, 18, 1450-1459.	1.8	312
135	The roles of binding site arrangement and combinatorial targeting in microRNA repression of gene expression. Genome Biology, 2007, 8, R166.	13.9	131
136	Polycation-based nanoparticle delivery for improved RNA interference therapeutics. Expert Opinion on Biological Therapy, 2007, 7, 1811-1822.	1.4	44
137	Cyclin G1 Is a Target of miR-122a, a MicroRNA Frequently Down-regulated in Human Hepatocellular Carcinoma. Cancer Research, 2007, 67, 6092-6099.	0.4	782
138	The muscle-specific microRNAs miR-1 and miR-133 produce opposing effects on apoptosis by targeting HSP60, HSP70 and caspase-9 in cardiomyocytes. Journal of Cell Science, 2007, 120, 3045-3052.	1.2	420
139	MicroRNAs in Disease and Potential Therapeutic Applications. Molecular Therapy, 2007, 15, 2070-2079.	3.7	346
140	MicroRNA miR-133 Represses HERG K+ Channel Expression Contributing to QT Prolongation in Diabetic Hearts. Journal of Biological Chemistry, 2007, 282, 12363-12367.	1.6	211
141	Disrupting the Pairing Between let-7 and Hmga2 Enhances Oncogenic Transformation. Science, 2007, 315, 1576-1579.	6.0	1,060
142	Lentivirus-mediated antagomir expression for specific inhibition of miRNA function. Nucleic Acids Research, 2007, 35, e149-e149.	6.5	171
143	Use of RNA in drug design. Expert Opinion on Drug Discovery, 2007, 2, 889-903.	2.5	7
144	Noncoding miRNAs as key controllers of pancreatic Î²-cell functions. Expert Review of Endocrinology and Metabolism, 2007, 2, 461-468.	1.2	0
145	Roles of microRNAs and their targets in cancer. Expert Opinion on Biological Therapy, 2007, 7, 1833-1840.	1.4	12
146	Technology Insight: small, noncoding RNA molecules as tools to study and treat endocrine diseases. Nature Clinical Practice Endocrinology and Metabolism, 2007, 3, 827-834.	2.9	7
147	MicroRNAs as Cancer Players: Potential Clinical and Biological Effects. DNA and Cell Biology, 2007, 26, 273-282.	0.9	62
148	microRNAs put their signatures on the heart. Physiological Genomics, 2007, 31, 365-366.	1.0	51

#	Article	IF	Citations
149	miRNA. American Journal of Clinical Pathology, 2007, 128, 830-836.	0.4	76
150	miRNAs in cancer: approaches, aetiology, diagnostics and therapy. Human Molecular Genetics, 2007, 16, R106-R113.	1.4	174
151	MicroRNAs in biological processes and carcinogenesis. Carcinogenesis, 2007, 28, 2-12.	1.3	229
152	MicroRNAs in carcinogenesis. Cytogenetic and Genome Research, 2007, 118, 252-259.	0.6	66
153	Revisiting adverse effects of cross-hybridization in Affymetrix gene expression data: do they matter for correlation analysis?. Biology Direct, 2007, 2, 28.	1.9	8
154	miRNAs and their potential for use against cancer and other diseases. Future Oncology, 2007, 3, 521-537.	1.1	99
155	MicroRNA Detection and Target Prediction: Integration of Computational and Experimental Approaches. DNA and Cell Biology, 2007, 26, 321-337.	0.9	86
156	MicroRNA-21 Regulates Expression of the PTEN Tumor Suppressor Gene in Human Hepatocellular Cancer. Gastroenterology, 2007, 133, 647-658.	0.6	2,499
157	Reciprocal Effects of Micro-RNA-122 on Expression of Heme Oxygenase-1 and Hepatitis C Virus Genes in Human Hepatocytes. Gastroenterology, 2007, 133, 1166-1174.	0.6	157
158	MicroRNA in Cutaneous Wound Healing: A New Paradigm. DNA and Cell Biology, 2007, 26, 227-237.	0.9	103
159	Nucleic Acids (Deoxyribonucleic Acid and Ribonucleic Acid). , 2007, , 1037-1052.		1
160	The versatility of oligonucleotides as potential therapeutics. Expert Opinion on Biological Therapy, 2007, 7, 1021-1034.	1.4	72
161	MicroRNA expression in lymphoma. Expert Opinion on Biological Therapy, 2007, 7, 1363-1374.	1.4	46
162	Role of miRNA in carcinogenesis and biomarker selection: a methodological view. Expert Review of Molecular Diagnostics, 2007, 7, 569-603.	1.5	80
163	Transport of Sequence-Specific RNA Interference Information Between Cells. Annual Review of Genetics, 2007, 41, 305-330.	3.2	112
164	microRNAs in Vertebrate Physiology and Human Disease. Annual Review of Genomics and Human Genetics, 2007, 8, 215-239.	2.5	400
165	MicroRNAs in Vertebrate Synapse Development. Scientific World Journal, The, 2007, 7, 167-177.	0.8	26
167	MicroRNA function in the nervous system. , 2007, , 115-128.		1

#	Article	IF	Citations
168	Computational prediction of microRNA targets in vertebrates, fruitflies and nematodes. , 0, , 172-186.		0
169	Detection and analysis of microRNAs using LNA (locked nucleic acid)-modified probes. , 2007, , 229-241.		0
170	Roles of microRNAs in cancer and development. , 2007, , 322-337.		0
171	miR-122 in mammalian liver. , 0, , 338-349.		1
172	MicroRNA gene expression in malignant lymphoproliferative disorders. Chinese Medical Journal, 2007, 120, 996-999.	0.9	9
173	MicroRNAs and cancer. British Journal of Surgery, 2007, 94, 23-30.	0.1	89
174	Macrocyclic Helixâ€Threading Peptides for Targeting RNA. Angewandte Chemie - International Edition, 2007, 46, 7044-7047.	7.2	65
175	Macrocyclic Helixâ€Threading Peptides for Targeting RNA. Angewandte Chemie, 2007, 119, 7174-7177.	1.6	10
176	MicroRNA epigenetic alterations in human cancer: One step forward in diagnosis and treatment. International Journal of Cancer, 2008, 122, 963-968.	2.3	84
179	Method validation ofin vitro RNA transcript analysis on the Agilent 2100 Bioanalyzer. Electrophoresis, 2007, 28, 2368-2378.	1.3	22
180	MicroRNA gene expression profile of hepatitis C virus-associated hepatocellular carcinoma. Hepatology, 2008, 47, 1223-1232.	3.6	384
181	Prediction and preliminary validation of oncogene regulation by miRNAs. BMC Molecular Biology, 2007, 8, 79.	3.0	62
182	miR-21-mediated tumor growth. Oncogene, 2007, 26, 2799-2803.	2.6	1,459
183	MicroRNA expression alterations are linked to tumorigenesis and non-neoplastic processes in pancreatic ductal adenocarcinoma. Oncogene, 2007, 26, 4442-4452.	2.6	617
184	Apoptosis induction by antisense oligonucleotides against miR-17-5p and miR-20a in lung cancers overexpressing miR-17-92. Oncogene, 2007, 26, 6099-6105.	2.6	336
185	Noncoding RNAs. Biochemistry (Moscow), 2007, 72, 1161-1178.	0.7	29
186	MicroRNA gets down to business. Nature Biotechnology, 2007, 25, 631-638.	9.4	129
187	MicroRNAs 17-5pâ€“20aâ€“106a control monocytopoiesis through AML1 targeting and M-CSF receptor upregulation. Nature Cell Biology, 2007, 9, 775-787.	4.6	413

#	Article	IF	Citations
188	MicroRNA may have macro effect on sudden death. Nature Medicine, 2007, 13, 410-411.	15.2	13
189	T effectors outfox T regulators in autoimmunity. Nature Medicine, 2007, 13, 411-413.	15.2	13
190	The muscle-specific microRNA miR-1 regulates cardiac arrhythmogenic potential by targeting GJA1 and KCNJ2. Nature Medicine, 2007, 13, 486-491.	15.2	1,070
191	MicroRNA-133 controls cardiac hypertrophy. Nature Medicine, 2007, 13, 613-618.	15.2	1,652
192	MicroRNA sponges: competitive inhibitors of small RNAs in mammalian cells. Nature Methods, 2007, 4, 721-726.	9.0	1,922
193	The evolution of gene regulation by transcription factors and microRNAs. Nature Reviews Genetics, 2007, 8, 93-103.	7.7	1,371
194	Illuminating the silence: understanding the structure and function of small RNAs. Nature Reviews Molecular Cell Biology, 2007, 8, 23-36.	16.1	931
195	Regulation of the p27Kip1 tumor suppressor by miR-221 and miR-222 promotes cancer cell proliferation. EMBO Journal, 2007, 26, 3699-3708.	3.5	749
196	A viral microRNA functions as an orthologue of cellular miR-155. Nature, 2007, 450, 1096-1099.	13.7	541
197	Effective RNAi-mediated gene silencing without interruption of the endogenous microRNA pathway. Nature, 2007, 449, 745-747.	13.7	145
198	Profile: John Maraganore. Nature Biotechnology, 2007, 25, 375-376.	9.4	1
199	Host-virus genome interactions: macro roles for microRNAs. Cellular Microbiology, 2007, 9, 2784-2794.	1.1	60
200	microRNAs and the regulation of glucose and lipid metabolism. Diabetes, Obesity and Metabolism, 2007, 9, 67-73.	2.2	160
201	MicroRNAs and cancer. Apmis, 2007, 115, 1090-1106.	0.9	162
202	Inference of miRNA targets using evolutionary conservation and pathway analysis. BMC Bioinformatics, 2007, 8, 69.	1.2	282
203	Characterization of microRNA expression profiles in normal human tissues. BMC Genomics, 2007, 8, 166.	1.2	902
204	Classifying microRNAs in cancer: The good, the bad and the ugly. Biochimica Et Biophysica Acta: Reviews on Cancer, 2007, 1775, 274-282.	3.3	38
205	MicroRNA expression dynamics during murine and human erythroid differentiation. Experimental Hematology, 2007, 35, 1015-1025.	0.2	150

#	Article	IF	Citations
206	microRNAs: a new emerging class of players for disease diagnostics and gene therapy. Journal of Cellular and Molecular Medicine, 2008, 12, 3-21.	1.6	125
207	Repression of protein synthesis by miRNAs: how many mechanisms?. Trends in Cell Biology, 2007, 17, 118-126.	3.6	1,007
208	RNAi therapeutics: Principles, prospects and challenges. Advanced Drug Delivery Reviews, 2007, 59, 75-86.	6.6	780
209	Therapeutic potential for microRNAs. Advanced Drug Delivery Reviews, 2007, 59, 101-114.	6.6	174
210	microRNA Functions. Annual Review of Cell and Developmental Biology, 2007, 23, 175-205.	4.0	2,617
211	Cardiac regeneration by resident stem and progenitor cells in the adult heart. Basic Research in Cardiology, 2007, 102, 101-114.	2.5	76
212	Incorporation of two modified nucleosides allows selective platination of an oligonucleotide making it suitable for duplex cross-linking. Journal of Biological Inorganic Chemistry, 2007, 12, 901-911.	1.1	9
213	MiRNAs, epigenetics, and cancer. Mammalian Genome, 2008, 19, 517-25.	1.0	75
214	Ectopic expression of miR-126*, an intronic product of the vascular endothelial EGF-like 7 gene, regulates prostein translation and invasiveness of prostate cancer LNCaP cells. Journal of Molecular Medicine, 2008, 86, 313-322.	1.7	145
215	miRNAs at the heart of the matter. Journal of Molecular Medicine, 2008, 86, 771-783.	1.7	80
216	MicroRNAs in brain function and disease. Current Neurology and Neuroscience Reports, 2008, 8, 190-197.	2.0	60
217	MicroRNAs in the diagnosis, prognosis and treatment of cancer. Oncology Reviews, 2008, 2, 203-213.	0.8	4
218	MicroRNAâ€"implications for cancer. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2008, 452, 1-10.	1.4	386
219	microRNA and stem cell function. Cell and Tissue Research, 2008, 331, 57-66.	1.5	145
220	MYCN regulates oncogenic MicroRNAs in neuroblastoma. International Journal of Cancer, 2008, 122, 699-704.	2.3	251
221	Nonalcoholic steatohepatitis is associated with altered hepatic MicroRNA expression. Hepatology, 2008, 48, 1810-1820.	3.6	589
222	Expression of microRNAâ€146 in rheumatoid arthritis synovial tissue. Arthritis and Rheumatism, 2008, 58, 1284-1292.	6.7	675
223	A fluorescence probe for assaying micro RNA maturation. Bioorganic and Medicinal Chemistry, 2008, 16, 49-55.	1.4	54

#	Article	IF	Citations
224	2â€²-Lipid-modified oligonucleotides via a â€˜Staudingerâ€“Vilarrasaâ€™ reaction. Tetrahedron Letters, 2008, 49, 6838-6840.	0.7	17
225	Role of microRNAs in vascular diseases, inflammation, and angiogenesis. Cardiovascular Research, 2008, 79, 581-588.	1.8	773
226	Cell penetrating peptide conjugates of steric block oligonucleotides. Advanced Drug Delivery Reviews, 2008, 60, 517-529.	6.6	168
227	MicroRNAs â€“ micro in size but macro in function. FEBS Journal, 2008, 275, 4929-4944.	2.2	132
228	Everything you wanted to know about small RNA but were afraid to ask. Laboratory Investigation, 2008, 88, 569-578.	1.7	107
229	MicroRNAs and noncoding RNAs in hematological malignancies: molecular, clinical and therapeutic implications. Leukemia, 2008, 22, 1095-1105.	3.3	142
230	A skin microRNA promotes differentiation by repressing â€˜stemnessâ€™. Nature, 2008, 452, 225-229.	13.7	735
231	LNA-mediated microRNA silencing in non-human primates. Nature, 2008, 452, 896-899.	13.7	1,512
232	Tackling heart failure in the twenty-first century. Nature, 2008, 451, 919-928.	13.7	363
233	The impact of microRNAs on protein output. Nature, 2008, 455, 64-71.	13.7	3,270
234	MicroRNA-21 contributes to myocardial disease by stimulating MAP kinase signalling in fibroblasts. Nature, 2008, 456, 980-984.	13.7	2,111
235	MicroRNAs control de novo DNA methylation through regulation of transcriptional repressors in mouse embryonic stem cells. Nature Structural and Molecular Biology, 2008, 15, 259-267.	3.6	451
236	MiR-221 controls CDKN1C/p57 and CDKN1B/p27 expression in human hepatocellular carcinoma. Oncogene, 2008, 27, 5651-5661.	2.6	619
237	Integrin Î²3 expression is regulated by let-7a miRNA in malignant melanoma. Oncogene, 2008, 27, 6698-6706.	2.6	197
238	MicroRNAs as potential cancer therapeutics. Oncogene, 2008, 27, S52-S57.	2.6	197
239	Noncoding human Y RNAs are overexpressed in tumours and required for cell proliferation. British Journal of Cancer, 2008, 98, 981-988.	2.9	103
240	A combinatorial library of lipid-like materials for delivery of RNAi therapeutics. Nature Biotechnology, 2008, 26, 561-569.	9.4	1,076
241	A three-step pathway comprising PLZF/miR-146a/CXCR4 controls megakaryopoiesis. Nature Cell Biology, 2008, 10, 788-801.	4.6	214

#	Article	IF	Citations
242	The miR-15aâ€“miR-16-1 cluster controls prostate cancer by targeting multiple oncogenic activities. Nature Medicine, 2008, 14, 1271-1277.	15.2	919
243	Design and delivery of antisense oligonucleotides to block microRNA function in cultured Drosophila and human cells. Nature Protocols, 2008, 3, 1537-1549.	5.5	91
244	Mechanisms of post-transcriptional regulation by microRNAs: are the answers in sight?. Nature Reviews Genetics, 2008, 9, 102-114.	7.7	4,577
245	MicroRNA Involvement in Brain Tumors: From Bench to Bedside. Brain Pathology, 2008, 18, 122-129.	2.1	90
246	Recent Updates on Genetics: Teaching Old Dogmas New Tricks. Pediatric Dermatology, 2008, 25, 99-108.	0.5	3
247	MicroRNA epigenetic alterations: predicting biomarkers and therapeutic targets in human diseases. Clinical Genetics, 2008, 74, 307-315.	1.0	80
248	MicroRNAs in development and disease. Clinical Genetics, 2008, 74, 296-306.	1.0	206
249	MicroRNAs and cancer. Journal of Internal Medicine, 2008, 263, 366-375.	2.7	117
250	Beyond HPV: Oncomirs as new players in cervical cancer. FEBS Letters, 2008, 582, 4113-4116.	1.3	50
251	miR-296 Regulates Growth Factor Receptor Overexpression in Angiogenic Endothelial Cells. Cancer Cell, 2008, 14, 382-393.	7.7	441
252	microRNA expression in lymphoid malignancies: new hope for diagnosis and therapy?. Journal of Cellular and Molecular Medicine, 2008, 12, 1432-1444.	1.6	52
253	MicroRNA involvement in hepatocellular carcinoma. Journal of Cellular and Molecular Medicine, 2008, 12, 2189-2204.	1.6	248
254	miRâ€21: a small multiâ€faceted RNA. Journal of Cellular and Molecular Medicine, 2009, 13, 39-53.	1.6	868
255	MicroRNAs as New Players in the Genomic Galaxy and Disease Puzzles. Clinical and Translational Science, 2008, 1, 50-56.	1.5	4
256	Changes in miRNA expression in solid tumors: An miRNA profiling in melanomas. Seminars in Cancer Biology, 2008, 18, 111-122.	4.3	68
257	The utility of LNA in microRNA-based cancer diagnostics and therapeutics. Seminars in Cancer Biology, 2008, 18, 89-102.	4.3	175
258	MicroRNAs and immunity: Novel players in the regulation of normal immune function and inflammation. Seminars in Cancer Biology, 2008, 18, 131-140.	4.3	478
259	Closer to the completed unity: Messenger and microRNA profiling. Seminars in Cancer Biology, 2008, 18, 77-78.	4.3	2

#	Article	IF	Citations
260	Discovery, biology and therapeutic potential of RNA interference, microRNA and antagomirs. , 2008, 117, 94-104.		84
261	MicroRNAs flex their muscles. Trends in Genetics, 2008, 24, 159-166.	2.9	314
262	Epigenetics and Plant Breeding. , 2008, , 49-177.		27
263	Nucleoside, nucleotide and oligonucleotide based amphiphiles: a successful marriage of nucleic acids with lipids. Organic and Biomolecular Chemistry, 2008, 6, 1324.	1.5	160
264	Pancreatic Cancer. Annual Review of Pathology: Mechanisms of Disease, 2008, 3, 157-188.	9.6	634
265	MicroRNAs as targets for antisense-based therapeutics. Expert Opinion on Biological Therapy, 2008, 8, 59-81.	1.4	105
266	Chapter 2 Cutting the Gordian Knot-Development and Biological Relevance of Hepatitis C Virus Cell Culture Systems. Advances in Virus Research, 2008, 71, 51-133.	0.9	88
267	Not miR-ly small RNAs: Big potential for microRNAs in therapy. Journal of Allergy and Clinical Immunology, 2008, 121, 309-319.	1.5	63
268	MicroRNAs in cardiac hypertrophy and failure. Drug Discovery Today Disease Mechanisms, 2008, 5, e279-e283.	0.8	3
269	Current Perspectives in microRNAs (miRNA). , 2008, , .		3
270	Individual mRNA expression profiles reveal the effects of specific microRNAs. Genome Biology, 2008, 9, R82.	13.9	45
271	MicroRNA-221 and -222 pathway controls melanoma progression. Expert Review of Anticancer Therapy, 2008, 8, 1759-1765.	1.1	63
272	MicroRNAs as biomarkers and therapeutic drugs in human cancer. Biomarkers, 2008, 13, 658-670.	0.9	95
273	Liver-Specific MicroRNA miR-122 Enhances the Replication of Hepatitis C Virus in Nonhepatic Cells. Journal of Virology, 2008, 82, 8215-8223.	1.5	214
274	Toward MicroRNAâ€“Based Therapeutics for Heart Disease. Circulation Research, 2008, 103, 919-928.	2.0	367
275	Cellular versus viral microRNAs in host-virus interaction. Nucleic Acids Research, 2008, 37, 1035-1048.	6.5	174
276	miR-122, a paradigm for the role of microRNAs in the liver. Journal of Hepatology, 2008, 48, 648-656.	1.8	330
277	MicroRNA-10a Binds the 5â€²UTR of Ribosomal Protein mRNAs and Enhances Their Translation. Molecular Cell, 2008, 30, 460-471.	4.5	1,168

#	Article	IF	Citations
278	Taking microRNAs to heart. Trends in Molecular Medicine, 2008, 14, 254-260.	3.5	106
279	microRNAs and the immune response. Trends in Immunology, 2008, 29, 343-351.	2.9	494
280	Inhibition of microRNA with antisense oligonucleotides. Methods, 2008, 44, 55-60.	1.9	224
281	Targeting microRNA expression to regulate angiogenesis. Trends in Pharmacological Sciences, 2008, 29, 12-15.	4.0	245
282	A Double-Negative Feedback Loop between ZEB1-SIP1 and the microRNA-200 Family Regulates Epithelial-Mesenchymal Transition. Cancer Research, 2008, 68, 7846-7854.	0.4	956
283	MicroRNA Expression Profiles Associated With Prognosis and Therapeutic Outcome in Colon Adenocarcinoma. JAMA - Journal of the American Medical Association, 2008, 299, 425-36.	3.8	1,386
284	Reactive oxygen species and HIF-1 signalling in cancer. Cancer Letters, 2008, 266, 12-20.	3.2	186
285	Differential expression of microRNA species in human uterine leiomyoma versus normal myometrium. Fertility and Sterility, 2008, 89, 1771-1776.	0.5	115
286	MicroRNA profiling as a tool to understand prognosis, therapy response and resistance in breast cancer. European Journal of Cancer, 2008, 44, 2753-2759.	1.3	138
287	The roles of microRNAs in mammalian virus infection. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2008, 1779, 706-711.	0.9	126
288	The art of microRNA: Various strategies leading to gene silencing via an ancient pathway. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2008, 1779, 655-662.	0.9	40
290	MicroRNAs are tightly associated with RNA-induced gene silencing complexes in vivo. Biochemical and Biophysical Research Communications, 2008, 372, 24-29.	1.0	26
291	Viral and Cellular MicroRNAs as Determinants of Viral Pathogenesis and Immunity. Cell Host and Microbe, 2008, 3, 375-387.	5.1	378
292	Position-Dependent Function for a Tandem MicroRNA miR-122-Binding Site Located in the Hepatitis C Virus RNA Genome. Cell Host and Microbe, 2008, 4, 77-85.	5.1	388
293	Implication of microRNAs in the cardiovascular system. Current Opinion in Pharmacology, 2008, 8, 181-188.	1.7	50
294	MicroRNA-Mediated Control of Cell Fate in Megakaryocyte-Erythrocyte Progenitors. Developmental Cell, 2008, 14, 843-853.	3.1	336
295	MicroRNAs in the Hox network: an apparent link to posterior prevalence. Nature Reviews Genetics, 2008, 9, 789-796.	7.7	167
296	Molecular characterization of human Argonaute-containing ribonucleoprotein complexes and their bound target mRNAs. Rna, 2008, 14, 2580-2596.	1.6	327

#	Article	IF	Citations
297	Mechanisms and strategies for effective delivery of antisense and siRNA oligonucleotides. Nucleic Acids Research, 2008, 36, 4158-4171.	6.5	402
298	The Promyelocytic Leukemia Zinc Fingerâ€“MicroRNA-221/-222 Pathway Controls Melanoma Progression through Multiple Oncogenic Mechanisms. Cancer Research, 2008, 68, 2745-2754.	0.4	357
299	Modulation of miRNA activity in human cancer: a new paradigm for cancer gene therapy?. Cancer Gene Therapy, 2008, 15, 341-355.	2.2	230
300	Small RNA Technologies: siRNA, miRNA, antagomiR, Target Mimicry, miRNA Sponge and miRNA Profiling. , 2008, , 17-33.		3
301	Evolutionarily Conserved Function of a Viral MicroRNA. Journal of Virology, 2008, 82, 9823-9828.	1.5	187
302	Pancreatic Carcinogenesis. Pancreatology, 2008, 8, 110-125.	0.5	155
303	Inhibitory effects of anti-miRNA oligonucleotides (AMOs) on A549 cell growth. Journal of Drug Targeting, 2008, 16, 688-693.	2.1	25
304	MicroRNA expression in the adult mouse central nervous system. Rna, 2008, 14, 432-444.	1.6	427
305	Advances in MicroRNAs: Implications for Gene Therapists. Human Gene Therapy, 2008, 19, 27-38.	1.4	46
306	Viral miRNAs: tiny but mighty helpers for large and small DNA viruses. Future Virology, 2008, 3, 291-298.	0.9	6
307	MicroRNAs: A new class of gene regulators. Annals of Medicine, 2008, 40, 197-208.	1.5	187
308	The 4-(N-Dichloroacetyl-N-methylamino)benzyloxymethyl Group for 2â€˜-Hydroxyl Protection of Ribonucleosides in the Solid-Phase Synthesis of Oligoribonucleotides. Journal of Organic Chemistry, 2008, 73, 2774-2783.	1.7	24
309	Genomic Loss of microRNA-101 Leads to Overexpression of Histone Methyltransferase EZH2 in Cancer. Science, 2008, 322, 1695-1699.	6.0	995
310	Epigenetic and microRNA-mediated regulation in diabetes. Nephrology Dialysis Transplantation, 2008, 24, 1088-1096.	0.4	68
311	MicroRNAs as Prognostic Indicators and Therapeutic Targets: Potential Effect on Breast Cancer Management. Clinical Cancer Research, 2008, 14, 360-365.	3.2	150
312	Programmed Cell Death 4 (PDCD4) Is an Important Functional Target of the MicroRNA miR-21 in Breast Cancer Cells. Journal of Biological Chemistry, 2008, 283, 1026-1033.	1.6	1,001
313	Altered MicroRNA Expression in Cervical Carcinomas. Clinical Cancer Research, 2008, 14, 2535-2542.	3.2	293
314	Dysregulation of microRNAs after myocardial infarction reveals a role of miR-29 in cardiac fibrosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13027-13032.	3.3	1,637

#	Article	IF	Citations
315	Down-regulation of miR-1/miR-133 Contributes to Re-expression of Pacemaker Channel Genes HCN2 and HCN4 in Hypertrophic Heart*. Journal of Biological Chemistry, 2008, 283, 20045-20052.	1.6	159
316	Molecular medicine of microRNAs: structure, function and implications for diabetes. Expert Reviews in Molecular Medicine, 2008, 10, e24.	1.6	61
317	Right into the heart of microRNA-133a: Figure 1.. Genes and Development, 2008, 22, 3227-3231.	2.7	43
318	miRNAs: Effectors of Environmental Influences on Gene Expression and Disease. Toxicological Sciences, 2008, 103, 228-240.	1.4	101
319	siRNA screening reveals JNK2 as an evolutionary conserved regulator of triglyceride homeostasis. Journal of Lipid Research, 2008, 49, 2427-2440.	2.0	15
320	An Overview of MicroRNA. , 2008, , 3-15.		4
321	Functional integration of microRNAs into oncogenic and tumor suppressor pathways. Cell Cycle, 2008, 7, 2493-2499.	1.3	53
322	The multifaceted small RNAs. RNA Biology, 2008, 5, 61-64.	1.5	19
323	MicroRNAs as new biomarkers in oncology. Expert Opinion on Medical Diagnostics, 2008, 2, 115-127.	1.6	4
324	Targeting miRNAs in Alzheimerâ€™s disease. Expert Review of Neurotherapeutics, 2008, 8, 1615-1616.	1.4	11
325	Involvement of MicroRNAs in Breast Cancer. Seminars in Reproductive Medicine, 2008, 26, 522-536.	0.5	44
326	miR-375 Targets 3â€²-Phosphoinositideâ€“Dependent Protein Kinase-1 and Regulates Glucose-Induced Biological Responses in Pancreatic Î²-Cells. Diabetes, 2008, 57, 2708-2717.	0.3	407
327	RNA Interference and Cancer: Endogenous Pathways and Therapeutic Approaches. Advances in Experimental Medicine and Biology, 2008, 615, 299-329.	0.8	31
328	Peptideâ€“Peptide Nucleic Acid Conjugates for Modulation of Gene Expression. RSC Biomolecular Sciences, 2008, , 80-102.	0.4	4
329	Stressing out over miRNA. Science-Business EXchange, 2008, 1, 693-693.	0.0	0
330	Aging differentially affects human skeletal muscle microRNA expression at rest and after an anabolic stimulus of resistance exercise and essential amino acids. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E1333-E1340.	1.8	208
331	MicroRNA miR-199a* Regulates the MET Proto-oncogene and the Downstream Extracellular Signal-regulated Kinase 2 (ERK2). Journal of Biological Chemistry, 2008, 283, 18158-18166.	1.6	197
332	microRNA-138 modulates cardiac patterning during embryonic development. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17830-17835.	3.3	214

#	Article	IF	Citations
333	Helper-dependent Adenovirus-mediated Short Hairpin RNA Expression in the Liver Activates the Interferon Response. Journal of Biological Chemistry, 2008, 283, 2120-2128.	1.6	33
334	Controlling morpholino experiments: don't stop making antisense. Development (Cambridge), 2008, 135, 1735-1743.	1.2	523
335	Rapid Changes in MicroRNA-146a Expression Negatively Regulate the IL-1Î²-Induced Inflammatory Response in Human Lung Alveolar Epithelial Cells. Journal of Immunology, 2008, 180, 5689-5698.	0.4	424
336	MicroRNAs: novel regulators in cardiac development and disease. Cardiovascular Research, 2008, 79, 562-570.	1.8	310
337	MicroRNA-21 Targets Sprouty2 and Promotes Cellular Outgrowths. Molecular Biology of the Cell, 2008, 19, 3272-3282.	0.9	354
338	MicroRNA-184 antagonizes microRNA-205 to maintain SHIP2 levels in epithelia. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19300-19305.	3.3	256
339	Sustained expression of microRNA-155 in hematopoietic stem cells causes a myeloproliferative disorder. Journal of Experimental Medicine, 2008, 205, 585-594.	4.2	644
340	Inducible expression of microRNA-194 is regulated by HNF-1Î± during intestinal epithelial cell differentiation. Rna, 2008, 14, 1433-1442.	1.6	129
341	Multiple layers of molecular controls modulate self-renewal and neuronal lineage specification of embryonic stem cells. Human Molecular Genetics, 2008, 17, R67-R75.	1.4	16
342	New Insights into Germ Cell Tumor Formation. Hormone and Metabolic Research, 2008, 40, 342-346.	0.7	5
343	MicroRNAs-Based Therapeutic Strategy for Virally Induced Diseases. Current Drug Discovery Technologies, 2008, 5, 49-58.	0.6	22
344	Interfering RNA and HIV: Reciprocal Interferences. PLoS Pathogens, 2008, 4, e1000162.	2.1	27
345	Roles for MicroRNAs, miR-93 and miR-130b, and Tumor Protein 53â€“Induced Nuclear Protein 1 Tumor Suppressor in Cell Growth Dysregulation by Human T-Cell Lymphotrophic Virus 1. Cancer Research, 2008, 68, 8976-8985.	0.4	172
346	MicroRNA and Cancer: Tiny Molecules with Major Implications. Current Genomics, 2008, 9, 97-109.	0.7	77
347	Deadenylation is a widespread effect of miRNA regulation. Rna, 2009, 15, 21-32.	1.6	345
348	Host-Directed Drug Targeting of Factors Hijacked by Pathogens. Science Signaling, 2008, 1, re8.	1.6	112
349	miR-210 links hypoxia with cell cycle regulation and is deleted in human epithelial ovarian cancer. Cancer Biology and Therapy, 2008, 7, 255-264.	1.5	324
350	The Emerging Role of MicroRNAs in Cardiac Remodeling and Heart Failure. Circulation Research, 2008, 103, 1072-1083.	2.0	247

#	Article	IF	Citations
351	MicroRNA and Erythroid Differentiation. , 2008, , 97-117.		0
352	MicroRNAs and Regenerative Medicine. , 2008, , 145-166.		0
353	microRNA in Cutaneous Wound Healing. , 2008, , 349-366.		5
354	microRNA-Associated Therapies. , 2008, , 395-429.		3
355	MicroRNA regulation and the variability of human cortical gene expression. Nucleic Acids Research, 2008, 36, 4621-4628.	6.5	27
356	An intronic microRNA silences genes that are functionally antagonistic to its host gene. Nucleic Acids Research, 2008, 36, 5232-5241.	6.5	94
357	Experimental identification of microRNA-140 targets by silencing and overexpressing miR-140. Rna, 2008, 14, 2513-2520.	1.6	102
358	Antagonism of microRNA-122 in mice by systemically administered LNA-antimiR leads to up-regulation of a large set of predicted target mRNAs in the liver. Nucleic Acids Research, 2008, 36, 1153-1162.	6.5	630
359	Epstein-Barr Virus-Induced miR-155 Attenuates NF-ÎºB Signaling and Stabilizes Latent Virus Persistence. Journal of Virology, 2008, 82, 10436-10443.	1.5	207
360	MicroRNAs Impair MET-Mediated Invasive Growth. Cancer Research, 2008, 68, 10128-10136.	0.4	168
361	Abnormalities of Lipid Metabolism in Nonalcoholic Fatty Liver Disease. Seminars in Liver Disease, 2008, 28, 351-359.	1.8	100
362	Applications of emerging molecular technologies in glioblastoma multiforme. Expert Review of Neurotherapeutics, 2008, 8, 1497-1506.	1.4	22
363	Potential Therapeutic Applications of miRNA-Based Technology in Hematological Malignancies. Current Pharmaceutical Design, 2008, 14, 2040-2050.	0.9	23
364	Small noncoding RNA: novel targets for antiviral therapy. Future Microbiology, 2008, 3, 585-588.	1.0	1
365	Locked Nucleic Acid Holds Promise in the Treatment of Cancer. Current Pharmaceutical Design, 2008, 14, 1138-1142.	0.9	37
366	Regulation of ABCG2 Expression at the 3â€² Untranslated Region of Its mRNA through Modulation of Transcript Stability and Protein Translation by a Putative MicroRNA in the S1 Colon Cancer Cell Line. Molecular and Cellular Biology, 2008, 28, 5147-5161.	1.1	149
367	p53-Responsive MicroRNAs 192 and 215 Are Capable of Inducing Cell Cycle Arrest. Cancer Research, 2008, 68, 10094-10104.	0.4	412
368	MicroRNAs in malignant progression. Cell Cycle, 2008, 7, 570-572.	1.3	116

#	Article	IF	Citations
370	The emerging role of miR-200 family of MicroRNAs in epithelial-mesenchymal transition and cancer metastasis. RNA Biology, 2008, 5, 115-119.	1.5	344
371	MicroRNAs and cancer: An overview. Cell Cycle, 2008, 7, 2485-2492.	1.3	325
372	Computational Modeling of Post-Transcriptional Gene Regulation by MicroRNAs. Journal of Computational Biology, 2008, 15, 305-316.	0.8	53
373	Genomic and epigenetic alterations deregulate microRNA expression in human epithelial ovarian cancer. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7004-7009.	3.3	491
375	Identification of genes targeted by microRNAs. Biochemical Society Transactions, 2008, 36, 1194-1196.	1.6	13
376	Targeting of microRNAs for therapeutics. Biochemical Society Transactions, 2008, 36, 1197-1200.	1.6	48
377	MicroRNA: an Emerging Therapeutic Target and Intervention Tool. International Journal of Molecular Sciences, 2008, 9, 978-999.	1.8	158
378	Recent Developments in Peptide-Based Nucleic Acid Delivery. International Journal of Molecular Sciences, 2008, 9, 1276-1320.	1.8	78
379	MicroRNAs. Cancer Journal (Sudbury, Mass), 2008, 14, 1-6.	1.0	171
380	SiLEncing SLE: the power and promise of small noncoding RNAs. Current Opinion in Rheumatology, 2008, 20, 526-531.	2.0	21
381	RNA as a Therapeutic Molecule. , 2008, , 691-699.		0
382	Novel MicroRNA Candidates and miRNA-mRNA Pairs in Embryonic Stem (ES) Cells. PLoS ONE, 2008, 3, e2548.	1.1	48
383	The Inhibition of the Highly Expressed Mir-221 and Mir-222 Impairs the Growth of Prostate Carcinoma Xenografts in Mice. PLoS ONE, 2008, 3, e4029.	1.1	219
384	The role of microRNAs in primary liver cancer. Annals of Hepatology, 2008, 7, 104-113.	0.6	48
385	Expression and function of micro RNAs in immune cells during normal or disease state. International Journal of Medical Sciences, 2008, 5, 73-79.	1.1	82
386	rna Interference and micro-rnaâ€“Oriented Therapy in Cancer: Rationales, Promises, and Challenges. Current Oncology, 2009, 16, 61-66.	0.9	29
387	Insights Into the Role of microRNAs in Cardiac Diseases: From Biological Signalling to Therapeutic Targets. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2009, 7, 82-90.	0.4	42
388	Towards the Synthesis of Inosine Building Blocks for the Preparation of Oligonucleotides with Hydrophobic Alkyl Chains Between the Nucleotide Units. Molecules, 2009, 14, 4326-4336.	1.7	7

#	Article	IF	Citations
389	Evidence for X-Chromosomal Schizophrenia Associated with microRNA Alterations. PLoS ONE, 2009, 4, e6121.	1.1	84
390	Apoptosis in Carcinogenesis and Chemotherapy. , 2009, , .		10
391	MicroRNAs As Novel Regulators of Angiogenesis. Circulation Research, 2009, 104, 442-454.	2.0	383
392	miR-146a Is Critical for Endotoxin-induced Tolerance. Journal of Biological Chemistry, 2009, 284, 34590-34599.	1.6	351
393	Chronic lymphocytic leukemia: interplay between noncoding RNAs and protein-coding genes. Blood, 2009, 114, 4761-4770.	0.6	100
394	MiR-21 Indicates Poor Prognosis in Tongue Squamous Cell Carcinomas as an Apoptosis Inhibitor. Clinical Cancer Research, 2009, 15, 3998-4008.	3.2	390
395	MicroRNAs and cardiac pathology. Nature Reviews Cardiology, 2009, 6, 418-429.	6.1	282
396	The effects of unnatural base pairs and mispairs on DNA duplex stability and solvation. Nucleic Acids Research, 2009, 37, 4757-4763.	6.5	23
397	Selective stabilization of mammalian microRNAs by 3â€² adenylation mediated by the cytoplasmic poly(A) polymerase GLD-2. Genes and Development, 2009, 23, 433-438.	2.7	378
398	MicroRNA-21 Regulates the Proliferation and Invasion in Esophageal Squamous Cell Carcinoma. Clinical Cancer Research, 2009, 15, 1915-1922.	3.2	254
399	A Short Hairpin DNA Analogous to miR-125b Inhibits C-Raf Expression, Proliferation, and Survival of Breast Cancer Cells. Molecular Cancer Research, 2009, 7, 1635-1644.	1.5	47
401	Mammalian cell penetration, siRNA transfection, and DNA transfection by supercharged proteins. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6111-6116.	3.3	236
402	MicroRNAs Induced During Adipogenesis that Accelerate Fat Cell Development Are Downregulated in Obesity. Diabetes, 2009, 58, 1050-1057.	0.3	530
403	Platinated Oligonucleotides: Synthesis and Applications for the Control of Gene Expression. , 0, , 273-300.		4
404	(micro)Genomic medicine: microRNAs as therapeutics and biomarkers. RNA Biology, 2009, 6, 324-328.	1.5	29
405	MicroRNAs in Cardiovascular Biology and Heart Disease. Circulation: Cardiovascular Genetics, 2009, 2, 402-408.	5.1	85
406	An Integrated Approach for Experimental Target Identification of Hypoxia-induced miR-210. Journal of Biological Chemistry, 2009, 284, 35134-35143.	1.6	248
407	MicroRNA Silencing in Primates: Towards Development of Novel Therapeutics: Figure 1.. Cancer Research, 2009, 69, 393-395.	0.4	70

#	Article	IF	Citations
408	MicroRNAs: new players in acute myeloid leukaemia. British Journal of Cancer, 2009, 101, 743-748.	2.9	20
409	Micromanaging Vascular Biology: Tiny MicroRNAs Play Big Band. Journal of Vascular Research, 2009, 46, 527-540.	0.6	94
410	MicroRNAs and Beyond. Hypertension, 2009, 54, 1189-1194.	1.3	37
411	Dicer-Dependent MicroRNA Pathway Controls Invariant NKT Cell Development. Journal of Immunology, 2009, 183, 2506-2512.	0.4	82
412	Potent inhibition of microRNA in vivo without degradation. Nucleic Acids Research, 2009, 37, 70-77.	6.5	189
413	Vectors expressing efficient RNA decoys achieve the long-term suppression of specific microRNA activity in mammalian cells. Nucleic Acids Research, 2009, 37, e43-e43.	6.5	278
414	Antagonism of microRNA-126 suppresses the effector function of T _H 2 cells and the development of allergic airways disease. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18704-18709.	3.3	401
415	MicroRNA-221 Targets Bmf in Hepatocellular Carcinoma and Correlates with Tumor Multifocality. Clinical Cancer Research, 2009, 15, 5073-5081.	3.2	298
417	MicroRNAs: Crucial multi-tasking components in the complex circuitry of tumor metastasis. Cell Cycle, 2009, 8, 3506-3512.	1.3	78
418	MicroRNA-1 Negatively Regulates Expression of the Hypertrophy-Associated Calmodulin and Mef2a Genes. Molecular and Cellular Biology, 2009, 29, 2193-2204.	1.1	358
419	miR-181a Regulates Cap-Dependent Translation of p27^{kip1} mRNA in Myeloid Cells. Molecular and Cellular Biology, 2009, 29, 2841-2851.	1.1	78
420	An expanded seed sequence definition accounts for full regulation of the hid 3â€² UTR by bantam miRNA. Rna, 2009, 15, 814-822.	1.6	32
421	MicroRNAs as a New Potential Therapeutic Opportunity in Gastrointestinal Cancer. Oncology, 2009, 77, 75-89.	0.9	6
422	MiRNA-21: a key to controlling the cardiac fibroblast compartment?. Cardiovascular Research, 2009, 82, 1-3.	1.8	11
423	Expression profile of microRNA in epithelial cancer: diagnosis, classification and prediction. Expert Opinion on Medical Diagnostics, 2009, 3, 25-36.	1.6	4
424	MicroRNAs in cholangiociliopathies. Cell Cycle, 2009, 8, 1324-1328.	1.3	22
425	Activation of hepatitis c virus translation by a liver-specific microRNA. Cell Cycle, 2009, 8, 1473-1477.	1.3	77
426	Micromanipulating cancer: microRNA-based therapeutics?. RNA Biology, 2009, 6, 335-340.	1.5	37

#	Article	IF	Citations
427	Glioma angiogenesis. Cell Adhesion and Migration, 2009, 3, 230-235.	1.1	41
428	Differential microRNA expression between bone marrow side population cells and hepatocytes in adult mice. International Journal of Molecular Medicine, 2009, 24, 35-43.	1.8	1
429	MicroRNAs: Novel components in a muscle gene regulatory network. Cell Cycle, 2009, 8, 1833-1837.	1.3	17
430	MicroRNAs and Lung Cancer: New Oncogenes and Tumor Suppressors, New Prognostic Factors and Potential Therapeutic Targets. Current Medicinal Chemistry, 2009, 16, 1047-1061.	1.2	89
431	Human- and Virus-Encoded microRNAs as Potential Targets of Antiviral Therapy. Mini-Reviews in Medicinal Chemistry, 2009, 9, 927-937.	1.1	20
432	Riboregulators and Metabolic Disorders: Getting Closer Towards Understanding the Pathogenesis of Diabetes Mellitus?. Current Molecular Medicine, 2009, 9, 281-286.	0.6	12
433	Oncomirs: From Tumor Biology to Molecularly Targeted Anticancer Strategies. Mini-Reviews in Medicinal Chemistry, 2009, 9, 70-80.	1.1	41
434	The Potential of Modulating Small RNA Activity In Vivo. Mini-Reviews in Medicinal Chemistry, 2009, 9, 235-248.	1.1	14
435	MicroRNAs: Opening a New Vein in Angiogenesis Research. Science Signaling, 2009, 2, pe1.	1.6	142
436	Relative contribution of sequence and structure features to the mRNA binding of Argonaute/EIF2Câ€“miRNA complexes and the degradation of miRNA targets. Genome Research, 2009, 19, 2009-2020.	2.4	88
437	MicroRNAs and Their Role in Progressive Kidney Diseases. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 1255-1266.	2.2	143
438	Adenosine deamination in human transcripts generates novel microRNA binding sites. Human Molecular Genetics, 2009, 18, 4801-4807.	1.4	125
439	MicroRNA: a new frontier in kidney and blood pressure research. American Journal of Physiology - Renal Physiology, 2009, 297, F553-F558.	1.3	89
440	MirZ: an integrated microRNA expression atlas and target prediction resource. Nucleic Acids Research, 2009, 37, W266-W272.	6.5	83
441	Silencing Viral MicroRNA as a Novel Antiviral Therapy?. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-18.	3.0	30
442	MicroRNA: Biogenesis, Regulation, and Role in Primary Brain Tumors. , 2009, , 327-354.		1
443	Integration of microRNA miR-122 in hepatic circadian gene expression. Genes and Development, 2009, 23, 1313-1326.	2.7	349
444	REV-ERBÎ± Participates in Circadian SREBP Signaling and Bile Acid Homeostasis. PLoS Biology, 2009, 7, e1000181.	2.6	368

#	Article	IF	Citations
445	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
446	microRNAs and muscle disorders. Journal of Cell Science, 2009, 122, 13-20.	1.2	136
447	Methodological obstacles in knocking down small noncoding RNAs. Rna, 2009, 15, 1797-1804.	1.6	29
448	In ovo application of antagomiRs indicates a role for miR-196 in patterning the chick axial skeleton through Hox gene regulation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18610-18615.	3.3	80
449	MicroRNA Expression in Squamous Cell Carcinoma and Adenocarcinoma of the Esophagus: Associations with Survival. Clinical Cancer Research, 2009, 15, 6192-6200.	3.2	347
450	Differential expression of microRNAs in mouse liver under aberrant energy metabolic status. Journal of Lipid Research, 2009, 50, 1756-1765.	2.0	168
451	Assaying microRNA loss-of-function phenotypes in mammalian cells: Emerging tools and their potential therapeutic utility. RNA Biology, 2009, 6, 541-545.	1.5	12
452	Short non-coding RNA biology and neurodegenerative disorders: novel disease targets and therapeutics. Human Molecular Genetics, 2009, 18, R27-R39.	1.4	70
453	MicroRNAs. Circulation, 2009, 119, 2217-2224.	1.6	86
454	Absolute quantification of microRNAs by using a universal reference. Rna, 2009, 15, 2375-2384.	1.6	172
455	Emerging roles of microRNAs as molecular switches in the integrated circuit of the cancer cell. Rna, 2009, 15, 1443-1461.	1.6	147
456	MicroRNA regulation of Alzheimer's Amyloid precursor protein expression. Neurobiology of Disease, 2009, 33, 422-428.	2.1	386
457	microRNA expression in the eyes and their significance in relation to functions. Progress in Retinal and Eye Research, 2009, 28, 87-116.	7.3	96
458	Regulating the regulators: mechanisms controlling the maturation of microRNAs. Trends in Biotechnology, 2009, 27, 27-36.	4.9	97
459	Maternal high fat diet during pregnancy and lactation alters hepatic expression of insulin like growth factor-2 and key microRNAs in the adult offspring. BMC Genomics, 2009, 10, 478.	1.2	179
460	Insight into microRNA regulation by analyzing the characteristics of their targets in humans. BMC Genomics, 2009, 10, 594.	1.2	38
461	Merkel cell polyomavirus encodes a microRNA with the ability to autoregulate viral gene expression. Virology, 2009, 383, 183-187.	1.1	155
462	Applications of MicroRNA in Cancer: Exploring the Advantages of miRNA. Clinical and Translational Science, 2009, 2, 248-249.	1.5	9

#	Article	IF	Citations
463	Antagomirâ€mediated silencing of endothelial cell specific microRNAâ€126 impairs ischemiaâ€induced angiogenesis. Journal of Cellular and Molecular Medicine, 2009, 13, 1577-1585.	1.6	236
464	MicroRNAs and micromanaging the skeleton in disease, development and evolution. Journal of Cellular and Molecular Medicine, 2009, 13, 606-618.	1.6	37
465	MicroRNA profiling of clear cell renal cell cancer identifies a robust signature to define renal malignancy. Journal of Cellular and Molecular Medicine, 2009, 13, 3918-3928.	1.6	217
466	Epigenetic therapy in myeloproliferative neoplasms: evidence and perspectives. Journal of Cellular and Molecular Medicine, 2009, 13, 1437-1450.	1.6	23
467	MicroRNAs in brain development and physiology. Current Opinion in Neurobiology, 2009, 19, 461-470.	2.0	136
468	MicroRNAs: Novel regulators of immunity. Autoimmunity Reviews, 2009, 8, 520-524.	2.5	132
469	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
470	Epithelialâ€“mesenchymal transition in cancer metastasis: Mechanisms, markers and strategies to overcome drug resistance in the clinic. Biochimica Et Biophysica Acta: Reviews on Cancer, 2009, 1796, 75-90.	3.3	463
471	Little but loud: Small RNAs have a resounding affect on ear development. Brain Research, 2009, 1277, 104-114.	1.1	36
472	Overâ€expressed microRNAâ€27a and 27b influence fat accumulation and cell proliferation during rat hepatic stellate cell activation. FEBS Letters, 2009, 583, 759-766.	1.3	275
473	Frequent Amplification of a chr19q13.41 MicroRNA Polycistron in Aggressive Primitive Neuroectodermal Brain Tumors. Cancer Cell, 2009, 16, 533-546.	7.7	207
474	MicroRNA control of muscle development and disease. Current Opinion in Cell Biology, 2009, 21, 461-469.	2.6	326
475	Mechanisms of miRNA-mediated post-transcriptional regulation in animal cells. Current Opinion in Cell Biology, 2009, 21, 452-460.	2.6	639
477	Hepatic function is preserved in the absence of mature microRNAs. Hepatology, 2009, 49, 618-626.	3.6	99
478	MicroRNA-122, a tumor suppressor microRNA that regulates intrahepatic metastasis of hepatocellular carcinoma. Hepatology, 2009, 49, 1571-1582.	3.6	531
479	Role of microRNA-155 at early stages of hepatocarcinogenesis induced by choline-deficient and amino acid-defined diet in C57BL/6 mice. Hepatology, 2009, 50, 1152-1161.	3.6	274
480	Role of microRNAs in cardiac hypertrophy and heart failure. IUBMB Life, 2009, 61, 566-571.	1.5	51
481	Microâ€RNAâ€155 inhibits IFNâ€Î³ signaling in CD4⁺ T cells. European Journal of Immunology, 2010, 40, 225-231.	1.6	234

#	Article	IF	Citations
482	Short and Efficient Synthesis of Alkyneâ€Modified Amino Glycoside Building Blocks. European Journal of Organic Chemistry, 2009, 2009, 2788-2794.	1.2	22
483	RNAiâ€based therapeuticsâ€“current status, challenges and prospects. EMBO Molecular Medicine, 2009, 1, 142-151.	3.3	238
484	Characterization of Bâ€and Tâ€lineage acute lymphoblastic leukemia by integrated analysis of MicroRNA and mRNA expression profiles. Genes Chromosomes and Cancer, 2009, 48, 1069-1082.	1.5	87
485	microRNAs in acute myeloid leukemia: Expression patterns, correlations with genetic and clinical parameters, and prognostic significance. Genes Chromosomes and Cancer, 2010, 49, 193-203.	1.5	18
486	Antagomirzymes: Oligonucleotide Enzymes That Specifically Silence MicroRNA Function. Angewandte Chemie - International Edition, 2009, 48, 2557-2560.	7.2	49
487	Expression of MicroRNAâ€146a in osteoarthritis cartilage. Arthritis and Rheumatism, 2009, 60, 1035-1041.	6.7	423
488	Induction of apoptosis in the synovium of mice with autoantibodyâ€mediated arthritis by the intraarticular injection of doubleâ€stranded MicroRNAâ€15a. Arthritis and Rheumatism, 2009, 60, 2677-2683.	6.7	104
489	MicroRNAs are novel biomarkers of colorectal cancer. British Journal of Surgery, 2009, 96, 702-710.	0.1	107
490	Oncogenic role of microRNAs in brain tumors. Acta Neuropathologica, 2009, 117, 599-611.	3.9	116
491	MicroRNA-132 Potentiates Cholinergic Anti-Inflammatory Signaling by Targeting Acetylcholinesterase. Immunity, 2009, 31, 965-973.	6.6	399
492	Emerging functions of microRNAs in glioblastoma. Journal of Neuro-Oncology, 2009, 92, 297-306.	1.4	104
493	Noninvasive Visualization of microRNA by Bioluminescence Imaging. Molecular Imaging and Biology, 2009, 11, 61-63.	1.3	8
494	The Therapeutic Potential of microRNAs in Nervous System Damage, Degeneration, and Repair. NeuroMolecular Medicine, 2009, 11, 153-161.	1.8	43
496	Small RNA: A Large Contributor to Carcinogenesis?. Journal of Gastrointestinal Surgery, 2009, 13, 1379-1388.	0.9	34
497	MicroRNAs Challenge the Status Quo of Therapeutic Targeting. Journal of Cardiovascular Translational Research, 2009, 2, 100-107.	1.1	7
499	Trends in microRNA detection. Analytical and Bioanalytical Chemistry, 2009, 394, 1109-1116.	1.9	139
500	The role of microRNAs in metastasis and epithelial-mesenchymal transition. Cellular and Molecular Life Sciences, 2009, 66, 1682-1699.	2.4	116
501	Profiling of 95ÂMicroRNAs in Pancreatic Cancer Cell Lines and Surgical Specimens by Realâ€Time PCR Analysis. World Journal of Surgery, 2009, 33, 698-709.	0.8	288

#	Article	IF	Citations
502	MicroRNAs: Control and Loss of Control in Human Physiology and Disease. World Journal of Surgery, 2009, 33, 667-684.	0.8	189
503	A Genetic Strategy for Single and Combinatorial Analysis of miRNA Function in Mammalian Hematopoietic Stem Cells. Stem Cells, 2010, 28, 287-296.	1.4	77
504	Expression patterns of microRNAs in the chorioamniotic membranes: a role for microRNAs in human pregnancy and parturition. Journal of Pathology, 2009, 217, 113-121.	2.1	91
505	MicroRNA-125a is over-expressed in insulin target tissues in a spontaneous rat model of Type 2 Diabetes. BMC Medical Genomics, 2009, 2, 54.	0.7	105
506	miR-145 and miR-143 regulate smooth muscle cell fate and plasticity. Nature, 2009, 460, 705-710.	13.7	1,412
507	Transfection of small RNAs globally perturbs gene regulation by endogenous microRNAs. Nature Biotechnology, 2009, 27, 549-555.	9.4	470
508	Tandem arrayâ€“based expression screens identify host mRNA targets of virus-encoded microRNAs. Nature Genetics, 2009, 41, 130-134.	9.4	198
509	An endogenous positively selecting peptide enhances mature T cell responses and becomes an autoantigen in the absence of microRNA miR-181a. Nature Immunology, 2009, 10, 1162-1169.	7.0	235
510	Inhibiting microRNA function in vivo. Nature Methods, 2009, 6, 37-38.	9.0	31
511	Use of microRNA sponges to explore tissue-specific microRNA functions in vivo. Nature Methods, 2009, 6, 873-874.	9.0	32
512	MicroRNAs â€" the micro steering wheel of tumour metastases. Nature Reviews Cancer, 2009, 9, 293-302.	12.8	740
513	Exploiting and antagonizing microRNA regulation for therapeutic and experimental applications. Nature Reviews Genetics, 2009, 10, 578-585.	7.7	362
514	Causes and consequences of microRNA dysregulation in cancer. Nature Reviews Genetics, 2009, 10, 704-714.	7.7	2,791
515	Loss of miR-122 expression in liver cancer correlates with suppression of the hepatic phenotype and gain of metastatic properties. Oncogene, 2009, 28, 3526-3536.	2.6	674
516	MiR-17-92 cluster is associated with 13q gain and c-myc expression during colorectal adenoma to adenocarcinoma progression. British Journal of Cancer, 2009, 101, 707-714.	2.9	245
517	RNA Silencing: Small RNAâ€Mediated Posttranscriptional Regulation of mRNA and the Implications for Heart Electropathophysiology. Journal of Cardiovascular Electrophysiology, 2009, 20, 230-237.	0.8	18
518	A study of microRNAs inâ€ƒsilico and inâ€ƒvivo: diagnostic and therapeutic applications in cancer. FEBS Journal, 2009, 276, 2157-2164.	2.2	30
519	CHANGES IN microRNA (miR) PROFILE AND EFFECTS OF miRâ€320 IN INSULINâ€RESISTANT 3T3â€L1 ADIPOCYTES. Clinical and Experimental Pharmacology and Physiology, 2009, 36, e32-9.	0.9	174

#	Article	IF	Citations
520	MicroRNAs and apoptosis: implications in the molecular therapy of human disease. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 951-960.	0.9	66
521	Role and therapeutic potential of microRNAs in diabetes. Diabetes, Obesity and Metabolism, 2009, 11, 118-129.	2.2	67
522	MicroRNA Expression Profile in Lieberâ€DeCarli Dietâ€Induced Alcoholic and Methionine Choline Deficient Dietâ€Induced Nonalcoholic Steatohepatitis Models in Mice. Alcoholism: Clinical and Experimental Research, 2009, 33, 1704-1710.	1.4	171
523	Identification and functional validation of therapeutic targets for malignant melanoma. Critical Reviews in Oncology/Hematology, 2009, 72, 194-214.	2.0	10
524	MicroRNAs in Cancer. Annual Review of Pathology: Mechanisms of Disease, 2009, 4, 199-227.	9.6	1,218
525	Therapeutic MicroRNA Strategies in Human Cancer. AAPS Journal, 2009, 11, 747-57.	2.2	153
526	MicroRNA Regulation of Cancer Stem Cells and Therapeutic Implications. AAPS Journal, 2009, 11, 682-92.	2.2	140
527	MicroRNAs in Cancer: Small Molecules With a Huge Impact. Journal of Clinical Oncology, 2009, 27, 5848-5856.	0.8	907
528	A novel microRNA targeting HDAC5 regulates osteoblast differentiation in mice and contributes to primary osteoporosis in humans. Journal of Clinical Investigation, 2009, 119, 3666-3677.	3.9	429
529	Proteomic approaches in neuroblastoma: a complementary clinical platform for the future. Expert Review of Proteomics, 2009, 6, 387-394.	1.3	2
530	Polycomb group protein gene silencing, non-coding RNA, stem cells, and cancerThis paper is one of a selection of papers published in this Special Issue, entitled The 30th Annual International Asilomar Chromatin and Chromosomes Conference, and has undergone the Journal's usual peer review process.. Biochemistry and Cell Biology, 2009, 87, 711-746.	0.9	70
531	Small silencing RNAs: State-of-the-art. Advanced Drug Delivery Reviews, 2009, 61, 672-703.	6.6	164
532	MicroRNA profiling of multiple sclerosis lesions identifies modulators of the regulatory protein CD47. Brain, 2009, 132, 3342-3352.	3.7	528
533	The Mammalian Ovary from Genesis to Revelation. Endocrine Reviews, 2009, 30, 624-712.	8.9	630
534	Nucleic Acid Therapeutic Carriers with On-Demand Triggered Release. Bioconjugate Chemistry, 2009, 20, 1773-1782.	1.8	17
535	The database of experimentally supported targets: a functional update of TarBase. Nucleic Acids Research, 2009, 37, D155-D158.	6.5	364
536	MiR-122/Cyclin G1 Interaction Modulates p53 Activity and Affects Doxorubicin Sensitivity of Human Hepatocarcinoma Cells. Cancer Research, 2009, 69, 5761-5767.	0.4	380
537	Pharmaceutical Perspectives of Cancer Therapeutics. , 2009, , .		15

#	Article	IF	Citations
538	MicroRNAs: Key players in carcinogenesis and novel therapeutic targets. European Journal of Surgical Oncology, 2009, 35, 339-347.	0.5	119
539	MicroRNAs in the pathogenesis of neuroblastoma. Cancer Letters, 2009, 274, 10-15.	3.2	37
540	MicroRNAs: Novel regulators in the hallmarks of human cancer. Cancer Letters, 2009, 285, 116-126.	3.2	394
541	MicroRNAs: Target Recognition and Regulatory Functions. Cell, 2009, 136, 215-233.	13.5	17,802
542	MicroRNAs and Cancer: Short RNAs Go a Long Way. Cell, 2009, 136, 586-591.	13.5	824
543	Therapeutic microRNA Delivery Suppresses Tumorigenesis in a Murine Liver Cancer Model. Cell, 2009, 137, 1005-1017.	13.5	1,634
544	Cholesterol Paves the Way for Topically Applied Viricides. Cell Host and Microbe, 2009, 5, 6-7.	5.1	5
545	All for One and One for All: Herpesviral MicroRNAs Close in on Their Prey. Cell Host and Microbe, 2009, 5, 315-317.	5.1	2
546	miR-155 gene: A typical multifunctional microRNA. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2009, 1792, 497-505.	1.8	659
547	Role of Dicer in female fertility. Trends in Endocrinology and Metabolism, 2009, 20, 265-272.	3.1	68
548	Meta-regulation: microRNA regulation of glucose and lipid metabolism. Trends in Endocrinology and Metabolism, 2009, 20, 452-459.	3.1	169
549	Alterations of the microRNA network cause neurodegenerative disease. Trends in Neurosciences, 2009, 32, 199-206.	4.2	430
550	MicroRNAs in Solid Tumors. Journal of Surgical Research, 2009, 154, 349-354.	0.8	38
551	Unravelling the importance of microRNAs during hepatitis C virus infection in the human liver. Journal of Hepatology, 2009, 51, 606-609.	1.8	10
552	The complexities of hepatitis C virus entry. Journal of Hepatology, 2009, 51, 609-611.	1.8	8
553	Towards the definition of prostate cancer-related microRNAs: where are we now?. Trends in Molecular Medicine, 2009, 15, 381-390.	3.5	54
554	Prospects of RNAi and microRNA-based therapies for hepatitis C. Expert Opinion on Biological Therapy, 2009, 9, 713-724.	1.4	20
555	MicroRNAs as regulatory molecules in cancer: a focus on models defining miRNA functions. Drug Discovery Today: Disease Models, 2009, 6, 13-19.	1.2	1

#	Article	IF	Citations
556	Role of microRNAs in hematological malignancies. Expert Review of Hematology, 2009, 2, 415-423.	1.0	3
557	Down-regulated miR-9 and miR-433 in human gastric carcinoma. Journal of Experimental and Clinical Cancer Research, 2009, 28, 82.	3.5	162
558	The microRNA-30 Family Is Required for Vertebrate Hepatobiliary Development. Gastroenterology, 2009, 136, 1081-1090.	0.6	125
559	MicroRNAs Make Inroads Into Liver Development. Gastroenterology, 2009, 136, 770-772.	0.6	5
560	Disruption of Dicer1 Induces Dysregulated Fetal Gene Expression and Promotes Hepatocarcinogenesis. Gastroenterology, 2009, 136, 2304-2315.e4.	0.6	167
561	MicroRNAs in Pancreatic Ductal Adenocarcinoma: New Diagnostic and Therapeutic Clues. Pancreatology, 2009, 9, 66-72.	0.5	18
562	RNA Inhibition, MicroRNAs, and New Therapeutic Agents for Cancer Treatment. Clinical Lymphoma and Myeloma, 2009, 9, S313-S318.	1.4	30
563	MicroRNAs in colorectal cancer: translation of molecular biology into clinical application. Molecular Cancer, 2009, 8, 102.	7.9	302
564	Suppression of HIV-1 replication by microRNA effectors. Retrovirology, 2009, 6, 26.	0.9	98
565	MicroRNAs in Cancer. Annual Review of Medicine, 2009, 60, 167-179.	5.0	1,702
566	MicroRNA-Based Therapeutics for Cancer. BioDrugs, 2009, 23, 15-23.	2.2	140
567	Role of microRNAs in the regulation of drug metabolism and disposition. Expert Opinion on Drug Metabolism and Toxicology, 2009, 5, 1513-1528.	1.5	58
568	MicroRNAs in Diabetes: Tiny Players in Big Disease. Cellular Physiology and Biochemistry, 2009, 23, 221-232.	1.1	166
569	Chapter 5 MicroRNA-Mediated Gene Silencing. Progress in Molecular Biology and Translational Science, 2009, 90, 187-210.	0.9	15
570	Targeting microRNAs in obesity. Expert Opinion on Therapeutic Targets, 2009, 13, 1227-1238.	1.5	93
571	mRNA expression profiles show differential regulatory effects of microRNAs between estrogen receptor-positive and estrogen receptor-negative breast cancer. Genome Biology, 2009, 10, R90.	13.9	90
572	MicroRNAs sound off. Genome Medicine, 2009, 1, 59.	3.6	8
573	MicroRNA Interference Technologies. , 2009, , .		19

#	Article	IF	Citations
575	siRNA and miRNA Gene Silencing. Methods in Molecular Biology, 2009, , .	0.4	5
576	Systemic Delivery and Pre-clinical Evaluation of Nanoparticles Containing Antisense Oligonucleotides and siRNAs. Methods in Molecular Biology, 2009, 480, 65-83.	0.4	24
577	MicroRNA-122 Inhibits Tumorigenic Properties of Hepatocellular Carcinoma Cells and Sensitizes These Cells to Sorafenib. Journal of Biological Chemistry, 2009, 284, 32015-32027.	1.6	441
578	Chapter 4 Micromanagers of Immune Cell Fate and Function. Advances in Immunology, 2009, 102, 227-244.	1.1	14
579	A single anti-microRNA antisense oligodeoxyribonucleotide (AMO) targeting multiple microRNAs offers an improved approach for microRNA interference. Nucleic Acids Research, 2009, 37, e24-e24.	6.5	137
580	Activation of miR-17-92 by NK-like homeodomain proteins suppresses apoptosis via reduction of E2F1 in T-cell acute lymphoblastic leukemia. Leukemia and Lymphoma, 2009, 50, 101-108.	0.6	69
581	miR-375 maintains normal pancreatic Î±- and Î²-cell mass. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5813-5818.	3.3	710
582	RNA Interference Technologies and Therapeutics. BioDrugs, 2009, 23, 305-332.	2.2	42
583	Triplet-repeat oligonucleotide-mediated reversal of RNA toxicity in myotonic dystrophy. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13915-13920.	3.3	245
584	Large-scale studies to identify biomarkers for heart disease: a role for proteomics?. Expert Opinion on Medical Diagnostics, 2009, 3, 133-141.	1.6	2
585	Regulation of Epidermal Growth Factor Receptor Signaling in Human Cancer Cells by MicroRNA-7. Journal of Biological Chemistry, 2009, 284, 5731-5741.	1.6	399
586	MiRNAs and Cancer. American Journal of Pathology, 2009, 174, 1131-1138.	1.9	387
587	Lost in translation: an assessment and perspective for computational microRNA target identification. Bioinformatics, 2009, 25, 3049-3055.	1.8	299
588	Small RNA molecules in the regulation of spermatogenesis. Reproduction, 2009, 137, 901-911.	1.1	141
589	MicroRNA-320 Is Involved in the Regulation of Cardiac Ischemia/Reperfusion Injury by Targeting Heat-Shock Protein 20. Circulation, 2009, 119, 2357-2366.	1.6	476
590	MicroRNAs and their antagonists as novel therapeutics. European Journal of Cancer, 2009, 45, 388-390.	1.3	6
591	MicroRNA-92a Controls Angiogenesis and Functional Recovery of Ischemic Tissues in Mice. Science, 2009, 324, 1710-1713.	6.0	1,114
592	MicroRNA identification in plasma and serum: a new tool to diagnose and monitor diseases. Expert Opinion on Biological Therapy, 2009, 9, 703-711.	1.4	372

#	Article	IF	Citations
593	MicroRNAs: The Jack of All Trades. Clinical Leukemia, 2009, 3, 20-32.	0.2	2
594	MicroRNAs and the kidney: coming of age. Current Opinion in Nephrology and Hypertension, 2009, 18, 317-323.	1.0	119
595	Antisense Inhibition of microRNA-21 or -221 Arrests Cell Cycle, Induces Apoptosis, and Sensitizes the Effects of Gemcitabine in Pancreatic Adenocarcinoma. Pancreas, 2009, 38, e190-e199.	0.5	255
596	Computational Biology of Small Regulatory RNAs. , 2009, , 115-145.		0
597	Gfi1 regulates miR-21 and miR-196b to control myelopoiesis. Blood, 2009, 113, 4720-4728.	0.6	151
598	MicroRNA is a New Diagnostic and Therapeutic Target for Cardiovascular Disease and Regenerative Medicine. Circulation Journal, 2009, 73, 1397-1398.	0.7	10
599	microRNA: human disease and development. International Journal of Bioinformatics Research and Applications, 2009, 5, 479.	0.1	28
600	Epigenetics in Human Melanoma. Cancer Control, 2009, 16, 200-218.	0.7	87
601	The tiny world of microRNAs in the cross hairs of the mammalian eye. Human Genomics, 2009, 3, 332.	1.4	11
602	MicroRNA Gene Networks in Oncogenesis. Current Genomics, 2009, 10, 35-41.	0.7	92
603	Targeting Myc in Pediatric Malignancies of the Central and Peripheral Nervous System. Current Cancer Drug Targets, 2009, 9, 176-188.	0.8	12
604	MicroRNAs and Ischemic Heart Disease: Towards a Better Comprehension of Pathogenesis, New Diagnostic Tools and New Therapeutic Targets. Recent Patents on Cardiovascular Drug Discovery, 2009, 4, 109-118.	1.5	50
605	MicroRNAs in Leukemias: Emerging Diagnostic Tools and Therapeutic Targets. Current Drug Targets, 2010, 11, 801-811.	1.0	9
606	Regulation of Myocardial Fibrosis by MicroRNAs. Journal of Cardiovascular Pharmacology, 2010, 56, 454-459.	0.8	69
607	MicroRNA Target Prediction: Problems and Possible Solutions. Current Bioinformatics, 2010, 5, 81-88.	0.7	10
608	Expression and Function of MicroRNAs in Heart Disease. Current Drug Targets, 2010, 11, 913-925.	1.0	62
609	Development of Novel Cardiovascular Therapeutics From Small Regulatory RNA Molecules - An Outline of Key Requirements. Current Pharmaceutical Design, 2010, 16, 2252-2268.	0.9	13
610	MicroRNAs: Macro Challenges on Understanding Human Biological Functions and Neurological Diseases. Current Molecular Medicine, 2010, 10, 692-704.	0.6	12

#	Article	IF	Citations
611	Targeting the Perpetrator: Breast Cancer Stem Cell Therapeutics. Current Drug Targets, 2010, 11, 1147-1156.	1.0	12
612	Feud or Friend? The Role of the miR-17-92 Cluster in Tumorigenesis. Current Genomics, 2010, 11, 129-135.	0.7	72
613	MicroRNA: Biogenesis, Function and Role in Cancer. Current Genomics, 2010, 11, 537-561.	0.7	1,372
614	Therapeutics Based on microRNA: A New Approach for Liver Cancer. Current Genomics, 2010, 11, 311-325.	0.7	38
615	microRNA Regulation as a Therapeutic Strategy for Cardiovascular Disease. Current Drug Targets, 2010, 11, 936-942.	1.0	162
616	MicroRNA-21: From Cancer to Cardiovascular Disease. Current Drug Targets, 2010, 11, 926-935.	1.0	204
617	Small Non-Coding RNAs as Novel Therapeutics. Current Molecular Medicine, 2010, 10, 361-368.	0.6	69
618	MicroRNAs and cancer epigenetics: a macrorevolution. Current Opinion in Oncology, 2010, 22, 35-45.	1.1	121
619	Role of MicroRNAs in Cardiovascular Disease: Therapeutic Challenges and Potentials. Journal of Cardiovascular Pharmacology, 2010, 56, 444-453.	0.8	55
620	Small Players With Big Roles: MicroRNAs as Targets to Inhibit Breast Cancer Progression. Current Drug Targets, 2010, 11, 1059-1073.	1.0	32
621	Targeting miRNAs for Drug Discovery: A New Paradigm. Current Molecular Medicine, 2010, 10, 503-510.	0.6	15
622	Mechanism of human Hb switching: a possible role of the kit receptor/miR 221-222 complex. Haematologica, 2010, 95, 1253-1260.	1.7	45
623	Intracellular Delivery Strategies for MicroRNAs and Potential Therapies for Human Cardiovascular Diseases. Science Signaling, 2010, 3, pe40.	1.6	13
624	Regulation and biological function of the liver-specific miR-122. Biochemical Society Transactions, 2010, 38, 1553-1557.	1.6	126
625	microRNA and Cancer. AAPS Journal, 2010, 12, 309-317.	2.2	138
626	A Novel Ultrasensitive Hybridization-Based ELISA Method for 2-Methoxyphosphorothiolate MicroRNAs and Its In vitro and In vivo Application. AAPS Journal, 2010, 12, 556-568.	2.2	19
627	microRNA: A Master Regulator of Cellular Processes for Bioengineering Systems. Annual Review of Biomedical Engineering, 2010, 12, 1-27.	5.7	217
628	Antagonizing MicroRNA-122 and treatment of hepatitis C virus infection. Hepatology, 2010, 51, 1461-1463.	3.6	2

#	Article	IF	Citations
629	Delivery of RNAi mediators. Wiley Interdisciplinary Reviews RNA, 2010, 1, 341-350.	3.2	11
630	Targeting miRNAs in osteoblast differentiation and bone formation. Expert Opinion on Therapeutic Targets, 2010, 14, 1109-1120.	1.5	62
631	Emerging Molecular Targets for the Treatment of Nonalcoholic Fatty Liver Disease. Annual Review of Medicine, 2010, 61, 375-392.	5.0	77
632	MicroRNAs in atherosclerosis and lipoprotein metabolism. Current Opinion in Endocrinology, Diabetes and Obesity, 2010, 17, 150-155.	1.2	68
633	MIR152, MIR200B, and MIR338, human positional and functional neuroblastoma candidates, are involved in neuroblast differentiation and apoptosis. Journal of Molecular Medicine, 2010, 88, 1041-1053.	1.7	37
634	MicroRNAs in Cardiac Development and Remodeling. Pediatric Cardiology, 2010, 31, 357-362.	0.6	14
635	MicroRNAs and cancer. Chinese-German Journal of Clinical Oncology, 2010, 9, 547-554.	0.1	4
636	Role of Specific MicroRNAs in Regulation of Vascular Smooth Muscle Cell Differentiation and the Response to Injury. Journal of Cardiovascular Translational Research, 2010, 3, 246-250.	1.1	54
637	MicroRNAs in Cardiac Remodeling and Disease. Journal of Cardiovascular Translational Research, 2010, 3, 212-218.	1.1	26
638	MicroRNAs in Cardiovascular Diseases: Biology and Potential Clinical Applications. Journal of Cardiovascular Translational Research, 2010, 3, 256-270.	1.1	36
639	miRNAs as Therapeutic Targets in Ischemic Heart Disease. Journal of Cardiovascular Translational Research, 2010, 3, 280-289.	1.1	49
640	MicroRNAs and Ultraconserved Genes as Diagnostic Markers and Therapeutic Targets in Cancer and Cardiovascular Diseases. Journal of Cardiovascular Translational Research, 2010, 3, 271-279.	1.1	41
641	MicroRNA expression in ACTH-producing pituitary tumors: up-regulation of microRNA-122 and -493 in pituitary carcinomas. Endocrine, 2010, 38, 67-75.	1.1	83
642	Small RNA Regulators of T Cell-Mediated Autoimmunity. Journal of Clinical Immunology, 2010, 30, 347-357.	2.0	25
643	Regulation of microRNAs by Natural Agents: An Emerging Field in Chemoprevention and Chemotherapy Research. Pharmaceutical Research, 2010, 27, 1027-1041.	1.7	188
644	A Direct Comparison of Anti-microRNA Oligonucleotide Potency. Pharmaceutical Research, 2010, 27, 1788-1799.	1.7	169
645	Cell-penetrating peptides, electroporation and drug delivery. IET Systems Biology, 2010, 4, 367-378.	0.8	19
646	Altered miRNA expression in T regulatory cells in course of multiple sclerosis. Journal of Neuroimmunology, 2010, 226, 165-171.	1.1	188

#	Article	IF	Citations
647	Cloning and bioinformatic identification of small RNAs in the filarial nematode, Brugia malayi. Molecular and Biochemical Parasitology, 2010, 169, 87-94.	0.5	44
648	microRNA: Emerging therapeutic targets in acute ischemic diseases. , 2010, 125, 92-104.		166
649	Molecular distinction between physiological and pathological cardiac hypertrophy: Experimental findings and therapeutic strategies. , 2010, 128, 191-227.		694
650	microRNAs: a role in drug resistance in parasitic nematodes?. Trends in Parasitology, 2010, 26, 428-433.	1.5	43
651	Rupture of Vulnerable Atherosclerotic Plaques: MicroRNAs Conducting the Orchestra?. Trends in Cardiovascular Medicine, 2010, 20, 65-71.	2.3	42
652	MicroRNA Regulation of Angiogenesis and Arteriogenesis. Trends in Cardiovascular Medicine, 2010, 20, 253-262.	2.3	18
653	B-lymphocyte homeostasis and BLyS-directed immunotherapy in transplantation. Transplantation Reviews, 2010, 24, 207-221.	1.2	31
654	Involvement of microRNAs in physiological and pathological processes in the lung. Respiratory Research, 2010, 11, 159.	1.4	97
655	Parallel multiplicity and error discovery rate (EDR) in microarray experiments. BMC Bioinformatics, 2010, 11, 465.	1.2	3
656	MicroRNAs show diverse and dynamic expression patterns in multiple tissues of Bombyx mori. BMC Genomics, 2010, 11, 85.	1.2	58
657	Deregulation of miRâ€92a expression is implicated in hepatocellular carcinoma development. Pathology International, 2010, 60, 351-357.	0.6	168
658	Cancer therapy via modulation of micro RNA levels: a promising future. Drug Discovery Today, 2010, 15, 733-740.	3.2	64
659	MicroRNAs in the tumor endothelium: Novel controls on the angioregulatory switchboard. Biochimica Et Biophysica Acta: Reviews on Cancer, 2010, 1805, 87-96.	3.3	45
660	Helpers of the cellular gatekeeperâ€"miRNAs dance in P53 network. Biochimica Et Biophysica Acta: Reviews on Cancer, 2010, 1805, 218-225.	3.3	5
661	High-throughput experimental studies to identify miRNA targets directly, with special focus on the mammalian brain. Brain Research, 2010, 1338, 122-130.	1.1	20
662	miR-106b aberrantly expressed in a double transgenic mouse model for Alzheimer's disease targets TGF-î² type II receptor. Brain Research, 2010, 1357, 166-174.	1.1	120
663	Modulation of K-Ras-Dependent Lung Tumorigenesis by MicroRNA-21. Cancer Cell, 2010, 18, 282-293.	7.7	551
664	Impact of microRNAs for pathogenesis and treatment of hepatitis C virus infection. Gastroenterologie Clinique Et Biologique, 2010, 34, 431-435.	0.9	22

#	Article	IF	Citations
665	Identification of the potential target genes of microRNA-146a induced by PMA treatment in human microvascular endothelial cells. Experimental Cell Research, 2010, 316, 1119-1126.	1.2	18
666	MicroRNA mir-16 is anti-proliferative in enterocytes and exhibits diurnal rhythmicity in intestinal crypts. Experimental Cell Research, 2010, 316, 3512-3521.	1.2	39
667	MicroRNAs as Immune Regulators: Implications for Transplantation. American Journal of Transplantation, 2010, 10, 713-719.	2.6	84
668	Acceleration of muscle regeneration by local injection of muscleâ€specific microRNAs in rat skeletal muscle injury model. Journal of Cellular and Molecular Medicine, 2010, 14, 2495-2505.	1.6	188
669	The role of microRNAs in ovarian cancer initiation and progression. Journal of Cellular and Molecular Medicine, 2010, 14, 2240-2249.	1.6	46
670	The role of microRNAs in normal and malignant hematopoiesis. European Journal of Haematology, 2010, 84, 1-16.	1.1	169
671	Therapeutic RNA manipulation in liver disease. Hepatology, 2010, 51, 1055-1061.	3.6	27
672	MicroRNAs control hepatocyte proliferation during liver regeneration. Hepatology, 2010, 51, 1735-1743.	3.6	192
673	Patatin-like phospholipase domain containing 3: A case in point linking genetic susceptibility for alcoholic and nonalcoholic liver disease. Hepatology, 2010, 51, 1463-1465.	3.6	26
674	Liver-enriched transcription factors regulate MicroRNA-122 that targets CUTL1 during liver development. Hepatology, 2010, 52, 1431-1442.	3.6	246
675	Delivery of Oligonucleotides and Analogues: The Oligonucleotide Conjugateâ€Based Approach. ChemBioChem, 2010, 11, 1493-1500.	1.3	23
676	MicroRNAâ€29, a key regulator of collagen expression in systemic sclerosis. Arthritis and Rheumatism, 2010, 62, 1733-1743.	6.7	470
678	An Aptamer Targeting the Apicalâ€Loop Domain Modulates priâ€miRNA Processing. Angewandte Chemie - International Edition, 2010, 49, 4674-4677.	7.2	49
679	Hepatic differentiation of liver-derived progenitor cells and their characterization by microRNA analysis. Liver Transplantation, 2010, 16, 1086-1097.	1.3	21
680	New self-assembling systems based on bola-type pyrimidinic surfactants. Journal of Colloid and Interface Science, 2010, 342, 119-127.	5.0	36
681	An automated algorithm for sequence confirmation of chemically modified oligonucleotides by tandem mass spectrometry. Analytical Biochemistry, 2010, 405, 213-223.	1.1	7
682	MicroRNA and leukemia: Tiny molecule, great function. Critical Reviews in Oncology/Hematology, 2010, 74, 149-155.	2.0	61
683	Emerging role of small ribonucleic acids in gastrointestinal tumors. Critical Reviews in Oncology/Hematology, 2010, 76, 173-185.	2.0	0

#	Article	IF	Citations
684	Regulation of cytokines by small RNAs during skin inflammation. Journal of Biomedical Science, 2010, 17, 53.	2.6	39
685	Prediction of microRNAs affecting mRNA expression during retinal development. BMC Developmental Biology, 2010, 10, 1.	2.1	86
686	MicroRNA-146a expresses in interleukin-17 producing T cells in rheumatoid arthritis patients. BMC Musculoskeletal Disorders, 2010, 11, 209.	0.8	208
687	Specificity and functionality of microRNA inhibitors. Silence: A Journal of RNA Regulation, 2010, 1, 10.	8.0	69
688	Inhibiting miRNA in Caenorhabditis elegans using a potent and selective antisense reagent. Silence: A Journal of RNA Regulation, 2010, 1, 9.	8.0	14
689	Proteomic identification of microRNAâ€122a target proteins in hepatocellular carcinoma. Proteomics, 2010, 10, 3723-3731.	1.3	44
690	Nonâ€coding RNAs: regulators of disease. Journal of Pathology, 2010, 220, 126-139.	2.1	906
691	The genetics of cardiovascular disease: new insights from emerging approaches. Journal of Pathology, 2010, 220, 186-197.	2.1	16
692	Acute liver injury upregulates microRNA-491-5p in mice, and its overexpression sensitizes Hep G2 cells for tumour necrosis factor-Î±-induced apoptosis. Liver International, 2010, 30, 376-387.	1.9	26
693	Reproducible pattern of microRNA in normal human skin. Experimental Dermatology, 2010, 19, e201-5.	1.4	20
694	Epithelialâ€“mesenchymal transition in cancer development and its clinical significance. Cancer Science, 2010, 101, 293-299.	1.7	691
695	Regression of murine lung tumors by the let-7 microRNA. Oncogene, 2010, 29, 1580-1587.	2.6	465
696	TGFÎ²-mediated upregulation of hepatic miR-181b promotes hepatocarcinogenesis by targeting TIMP3. Oncogene, 2010, 29, 1787-1797.	2.6	338
697	Tumor-suppressive microRNA-22 inhibits the transcription of E-box-containing c-Myc target genes by silencing c-Myc binding protein. Oncogene, 2010, 29, 4980-4988.	2.6	120
698	MicroRNA dysregulation in gastric cancer: a new player enters the game. Oncogene, 2010, 29, 5761-5771.	2.6	267
699	Responses of microRNAs 124a and 223 following spinal cord injury in mice. Spinal Cord, 2010, 48, 192-196.	0.9	92
700	Hepatitis C virus' Achilles' heel â€“ dependence on liver-specific microRNA miR-122. Cell Research, 2010, 20, 247-249.	5.7	7
701	Squamous Cell Carcinoma of the Skin Shows a Distinct MicroRNA Profile Modulated by UV Radiation. Journal of Investigative Dermatology, 2010, 130, 2686-2689.	0.3	73

#	Article	IF	Citations
702	Mammalian microRNAs predominantly act to decrease target mRNA levels. Nature, 2010, 466, 835-840.	13.7	3,513
703	Therapeutic silencing of miR-10b inhibits metastasis in a mouse mammary tumor model. Nature Biotechnology, 2010, 28, 341-347.	9.4	696
704	Antagonizing metastasis. Nature Biotechnology, 2010, 28, 331-332.	9.4	4
705	p53-independent upregulation of miR-34a during oncogene-induced senescence represses MYC. Cell Death and Differentiation, 2010, 17, 236-245.	5.0	314
706	miR-10 in development and cancer. Cell Death and Differentiation, 2010, 17, 209-214.	5.0	141
707	MicroRNA-mediated control in the skin. Cell Death and Differentiation, 2010, 17, 229-235.	5.0	97
708	MicroRNA-199b targets the nuclear kinase Dyrk1a in an auto-amplification loop promoting calcineurin/NFAT signalling. Nature Cell Biology, 2010, 12, 1220-1227.	4.6	289
709	The microRNA miR-182 is induced by IL-2 and promotes clonal expansion of activated helper T lymphocytes. Nature Immunology, 2010, 11, 1057-1062.	7.0	304
710	Rapid electronic detection of probe-specific microRNAs using thin nanopore sensors. Nature Nanotechnology, 2010, 5, 807-814.	15.6	632
711	Targeting microRNAs in cancer: rationale, strategies and challenges. Nature Reviews Drug Discovery, 2010, 9, 775-789.	21.5	1,308
712	MicroRNA control of signal transduction. Nature Reviews Molecular Cell Biology, 2010, 11, 252-263.	16.1	1,145
713	Review: The role of microRNAs in kidney disease. Nephrology, 2010, 15, 599-608.	0.7	124
714	Role of microRNAs in obesity and the metabolic syndrome. Obesity Reviews, 2010, 11, 354-361.	3.1	185
715	MicroRNAs in common diseases and potential therapeutic applications. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 102-107.	0.9	50
716	Angiogenesis and lymphangiogenesis in bronchial asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 946-958.	2.7	113
717	Physiological and Pathological Functions of Mammalian MicroRNAs. , 2010, , 427-446.		6
718	Challenges and strategies for generating therapeutic patient-specific hemangioblasts and hematopoietic stem cells from human pluripotent stem cells. International Journal of Developmental Biology, 2010, 54, 965-990.	0.3	29
719	Antiangiogenic Therapy and Mechanisms of Tumor Resistance in Malignant Glioma. Journal of Oncology, 2010, 2010, 1-16.	0.6	78

#	Article	IF	Citations
720	Molecular Genetic Markers in Female Reproductive Cancers. Journal of Oncology, 2010, 2010, 1-2.	0.6	1
721	MicroRNAs as Novel Biomarkers for Breast Cancer. Journal of Oncology, 2010, 2010, 1-7.	0.6	121
722	Mechanisms of microRNA-mediated regulation of angiogenesis. Frontiers in Bioscience - Elite, 2010, E2, 1304-1319.	0.9	6
723	Stem cells as a therapeutic target for diabetes. Frontiers in Bioscience - Landmark, 2010, 15, 461.	3.0	42
724	The DIANA-mirExTra Web Server: From Gene Expression Data to MicroRNA Function. PLoS ONE, 2010, 5, e9171.	1.1	74
725	miR-24 Regulates Apoptosis by Targeting the Open Reading Frame (ORF) Region of FAF1 in Cancer Cells. PLoS ONE, 2010, 5, e9429.	1.1	209
726	RNAi Experiments in D. melanogaster: Solutions to the Overlooked Problem of Off-Targets Shared by Independent dsRNAs. PLoS ONE, 2010, 5, e13119.	1.1	16
727	Expression of Versican 3â€²-Untranslated Region Modulates Endogenous MicroRNA Functions. PLoS ONE, 2010, 5, e13599.	1.1	129
728	Controlling SIRT1 expression by microRNAs in health and metabolic disease. Aging, 2010, 2, 527-534.	1.4	94
729	Microrna Let-7: An Emerging Next-Generation Cancer Therapeutic. Current Oncology, 2010, 17, 70-80.	0.9	226
730	Discovery of chicken microRNAs associated with lipogenesis and cell proliferation. Physiological Genomics, 2010, 41, 185-193.	1.0	37
731	Modulation of Hepatitis C Virus RNA Abundance and the Isoprenoid Biosynthesis Pathway by MicroRNA miR-122 Involves Distinct Mechanisms. Journal of Virology, 2010, 84, 666-670.	1.5	107
732	Expression of miR-122 mediated by adenoviral vector induces apoptosis and cell cycle arrest of cancer cells.. Cancer Biology and Therapy, 2010, 9, 554-561.	1.5	136
733	MicroRNA-494 Targeting Both Proapoptotic and Antiapoptotic Proteins Protects Against Ischemia/Reperfusion-Induced Cardiac Injury. Circulation, 2010, 122, 1308-1318.	1.6	296
734	Locked nucleic acids (LNAs) reveal sequence requirements and kinetics of Xist RNA localization to the X chromosome. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22196-22201.	3.3	144
735	Specific Alterations of MicroRNA Transcriptome and Global Network Structure in Colorectal Carcinoma after Cetuximab Treatment. Molecular Cancer Therapeutics, 2010, 9, 3396-3409.	1.9	95
736	A putative role of micro RNA in regulation of cholesterol 7Î±-hydroxylase expression in human hepatocytes. Journal of Lipid Research, 2010, 51, 2223-2233.	2.0	69
737	Efficient inhibition of miR-155 function in vivo by peptide nucleic acids. Nucleic Acids Research, 2010, 38, 4466-4475.	6.5	195

#	Article	IF	Citations
738	MicroRNAs: a complex regulatory network drives the acquisition of malignant cell phenotype. Endocrine-Related Cancer, 2010, 17, F51-F75.	1.6	53
739	MicroRNA-328 Contributes to Adverse Electrical Remodeling in Atrial Fibrillation. Circulation, 2010, 122, 2378-2387.	1.6	403
740	Quantitative Proteomic Profiling of Prostate Cancer Reveals a Role for miR-128 in Prostate Cancer. Molecular and Cellular Proteomics, 2010, 9, 298-312.	2.5	113
741	MicroRNA miR-125a controls hematopoietic stem cell number. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14229-14234.	3.3	330
742	microRNA miR-275 is indispensable for blood digestion and egg development in the mosquito Aedes aegypti. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22391-22398.	3.3	146
743	Sequence-non-specific effects of RNA interference triggers and microRNA regulators. Nucleic Acids Research, 2010, 38, 1-16.	6.5	485
744	New Strategies in Hepatocellular Carcinoma: Genomic Prognostic Markers. Clinical Cancer Research, 2010, 16, 4688-4694.	3.2	114
745	Inhibition and Role of let-7d in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 220-229.	2.5	454
746	Cancer Stem Cells in Pancreatic Cancer. Cancers, 2010, 2, 1629-1641.	1.7	21
747	Ischaemic preconditioning-regulated miR-21 protects heart against ischaemia/reperfusion injury via anti-apoptosis through its target PDCD4. Cardiovascular Research, 2010, 87, 431-439.	1.8	296
748	Translational Implications of MicroRNAs in Clinical Diagnostics and Therapeutics. , 2010, , 2965-2981.		5
749	Molecular diagnostics: between chips and customized medicine. Clinical Chemistry and Laboratory Medicine, 2010, 48, 973-982.	1.4	17
750	Members of the microRNA-17-92 cluster exhibit a cell-intrinsic antiangiogenic function in endothelial cells. Blood, 2010, 115, 4944-4950.	0.6	333
751	MicroRNA-33 and the SREBP Host Genes Cooperate to Control Cholesterol Homeostasis. Science, 2010, 328, 1566-1569.	6.0	865
752	Post-transcriptional Regulation of Î±-Synuclein Expression by mir-7 and mir-153. Journal of Biological Chemistry, 2010, 285, 12726-12734.	1.6	421
753	Targeting miR-21 in glioma: a small RNA with big potential. Expert Opinion on Therapeutic Targets, 2010, 14, 1247-1257.	1.5	47
754	Role of epigenomics in ovarian and endometrial cancers. Epigenomics, 2010, 2, 419-447.	1.0	46
755	CREB up-regulates long non-coding RNA, HULC expression through interaction with microRNA-372 in liver cancer. Nucleic Acids Research, 2010, 38, 5366-5383.	6.5	905

#	Article	IF	Citations
756	The Interface of MicroRNAs and Transcription Factor Networks. , 2010, , 109-137.		1
757	Expression of miR-33 from an SREBP2 Intron Inhibits Cholesterol Export and Fatty Acid Oxidation*. Journal of Biological Chemistry, 2010, 285, 33652-33661.	1.6	313
758	Silencing microRNA-34a inhibits chondrocyte apoptosis in a rat osteoarthritis model in vitro. Rheumatology, 2010, 49, 2054-2060.	0.9	134
759	Acute Myelogenous Leukemia. Cancer Treatment and Research, 2010, , .	0.2	1
760	MicroRNAs Regulate Human Hepatocyte Nuclear Factor 4Î±, Modulating the Expression of Metabolic Enzymes and Cell Cycle. Journal of Biological Chemistry, 2010, 285, 4415-4422.	1.6	139
761	High-risk myeloma is associated with global elevation of miRNAs and overexpression of EIF2C2/AGO2. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7904-7909.	3.3	187
762	RNAi nanomedicines: challenges and opportunities within the immune system. Nanotechnology, 2010, 21, 232001.	1.3	42
763	Targeting microRNA-122 to Treat Hepatitis C Virus Infection. Viruses, 2010, 2, 1382-1393.	1.5	42
764	Oncoproteomics of Neuroblastoma: A Blueprint for Future Progress. Current Proteomics, 2010, 7, 1-14.	0.1	0
765	Identification of microRNA activity by Targets' Reverse EXpression. Bioinformatics, 2010, 26, 91-97.	1.8	39
766	Downregulation of microRNA-29 by antisense inhibitors and a PPAR-Î³ agonist protects against myocardial ischaemiaâ€“reperfusion injury. Cardiovascular Research, 2010, 87, 535-544.	1.8	195
767	Micro RNAs of Epstein-Barr Virus Promote Cell Cycle Progression and Prevent Apoptosis of Primary Human B Cells. PLoS Pathogens, 2010, 6, e1001063.	2.1	197
768	Temporal Proteome and Lipidome Profiles Reveal Hepatitis C Virus-Associated Reprogramming of Hepatocellular Metabolism and Bioenergetics. PLoS Pathogens, 2010, 6, e1000719.	2.1	361
769	Cardiac-targeted delivery of regulatory RNA molecules and genes for the treatment of heart failure. Cardiovascular Research, 2010, 86, 353-364.	1.8	39
770	Green and Sustainable Pharmacy. , 2010, , .		28
771	MicroRNAs as a target for novel antipsychotics: a systematic review of an emerging field. International Journal of Neuropsychopharmacology, 2010, 13, 395.	1.0	35
772	MicroRNAs and cancer therapy: The next wave or here to stay?. Cancer Biology and Therapy, 2010, 9, 479-482.	1.5	30
773	Lung cancer. Cell Adhesion and Migration, 2010, 4, 107-113.	1.1	15

#	Article	IF	Citations
774	Role of microRNAs in Non-Alcoholic Steatohepatitis. Current Pharmaceutical Design, 2010, 16, 1952-1957.	0.9	22
775	Oncogenic Role of miR-483-3p at the IGF2/483 Locus. Cancer Research, 2010, 70, 3140-3149.	0.4	272
776	Targeting MYC-Regulated miRNAs to Combat Cancer. Genes and Cancer, 2010, 1, 660-667.	0.6	49
777	Myc: Maestro of MicroRNAs. Genes and Cancer, 2010, 1, 568-575.	0.6	123
778	Trisomy-21 gene dosage over-expression of miRNAs results in the haploinsufficiency of specific target proteins. RNA Biology, 2010, 7, 540-547.	1.5	74
779	Anti-miR-21 oligonucleotide enhances chemosensitivity of leukemic HL60 cells to arabinosylcytosine by inducing apoptosis. Hematology, 2010, 15, 215-221.	0.7	51
780	Clinical applications of miRNAs in cardiac remodeling and heart failure. Personalized Medicine, 2010, 7, 531-548.	0.8	26
782	Defective erythroid differentiation in miR-451 mutant mice mediated by 14-3-3Î¶. Genes and Development, 2010, 24, 1614-1619.	2.7	156
783	Signatures of RNA binding proteins globally coupled to effective microRNA target sites. Genome Research, 2010, 20, 1010-1019.	2.4	102
784	miRNAs as biomarkers for management of patients with colorectal cancer. Biomarkers in Medicine, 2010, 4, 761-770.	0.6	17
785	Epigenetic targets in human neoplasms. Epigenomics, 2010, 2, 221-232.	1.0	6
786	The role of microRNAs in endometriosis and associated reproductive conditions. Human Reproduction Update, 2010, 16, 142-165.	5.2	255
787	Target RNAâ€“Directed Trimming and Tailing of Small Silencing RNAs. Science, 2010, 328, 1534-1539.	6.0	514
788	MicroRNAs and prostate cancer. Endocrine-Related Cancer, 2010, 17, F1-F17.	1.6	139
789	MicroRNAs as Potential Diagnostics and Therapeutics. Modecular Medicine and Medicinal, 2010, , 213-236.	0.4	0
790	Reducing the Ecological Footprint of Pharmaceutical Usage: Linkages Between Healthcare Practices and the Environment. , 2010, , 77-102.		4
791	Gap junctions and connexins as therapeutic targets in cancer. Expert Opinion on Therapeutic Targets, 2010, 14, 681-692.	1.5	117
792	The neural crest-enriched microRNA miR-452 regulates epithelial-mesenchymal signaling in the first pharyngeal arch. Development (Cambridge), 2010, 137, 4307-4316.	1.2	64

#	Article	IF	Citations
793	microRNA-1 and microRNA-206 regulate skeletal muscle satellite cell proliferation and differentiation by repressing Pax7. Journal of Cell Biology, 2010, 190, 867-879.	2.3	530
794	MicroRNAs: a novel class of potential therapeutic targets for cardiovascular diseases. Acta Pharmacologica Sinica, 2010, 31, 1-9.	2.8	72
795	The clinical potential of microRNAs. Journal of Hematology and Oncology, 2010, 3, 37.	6.9	97
796	Role of miR-10b in breast cancer metastasis. Breast Cancer Research, 2010, 12, 210.	2.2	145
797	miR-122 Continues to Blaze the Trail for MicroRNA Therapeutics. Molecular Therapy, 2010, 18, 240-242.	3.7	43
799	microRNA-34a expression correlates with MDM2 SNP309 polymorphism and treatment-free survival in chronic lymphocytic leukemia. Blood, 2010, 115, 4191-4197.	0.6	99
800	MicroRNAs Add a New Dimension to Cardiovascular Disease. Circulation, 2010, 121, 1022-1032.	1.6	536
801	Regulatory RNA in Gene Therapy. , 2010, , 103-122.		1
802	MicroRNA hsa-miR-135b Regulates Mineralization in Osteogenic Differentiation of Human Unrestricted Somatic Stem Cells. Stem Cells and Development, 2010, 19, 877-885.	1.1	90
803	microRNAâ€122 as a regulator of mitochondrial metabolic gene network in hepatocellular carcinoma. Molecular Systems Biology, 2010, 6, 402.	3.2	169
804	Inflammation and cancer: interweaving microRNA, free radical, cytokine and p53 pathways. Carcinogenesis, 2010, 31, 37-49.	1.3	559
805	MiR-33 Contributes to the Regulation of Cholesterol Homeostasis. Science, 2010, 328, 1570-1573.	6.0	1,095
806	Nanoparticles Modified With Tumor-targeting scFv Deliver siRNA and miRNA for Cancer Therapy. Molecular Therapy, 2010, 18, 1650-1656.	3.7	488
807	Design and Assembly of New Nonviral RNAi Delivery Agents by Microwave-Assisted Quaternization (MAQ) of Tertiary Amines. Bioconjugate Chemistry, 2010, 21, 1581-1587.	1.8	7
808	Genome-wide Dissection of MicroRNA Functions and Cotargeting Networks Using Gene Set Signatures. Molecular Cell, 2010, 38, 140-153.	4.5	212
809	Expanding the MicroRNA Targeting Code: Functional Sites with Centered Pairing. Molecular Cell, 2010, 38, 789-802.	4.5	534
810	MicroRNA Functions in Stress Responses. Molecular Cell, 2010, 40, 205-215.	4.5	740
811	Intronic miR-211 Assumes the Tumor Suppressive Function of Its Host Gene in Melanoma. Molecular Cell, 2010, 40, 841-849.	4.5	246

#	Article	IF	Citations
812	Le monde complexe et mouvant des ARN. Seconde partieÂ: les microARNs. Immuno-Analyse Et Biologie Specialisee, 2010, 25, 219-240.	0.0	1
813	Experimental identification of microRNA targets. Gene, 2010, 451, 1-5.	1.0	87
814	Additional layers of gene regulatory complexity from recently discovered microRNA mechanisms. International Journal of Biochemistry and Cell Biology, 2010, 42, 1236-1242.	1.2	13
815	The road toward microRNA therapeutics. International Journal of Biochemistry and Cell Biology, 2010, 42, 1298-1305.	1.2	89
816	Riboregulators in kidney development and function. Biochimie, 2010, 92, 217-225.	1.3	15
817	MiRNAs as biomarkers and therapeutic targets in cancer. Current Opinion in Pharmacology, 2010, 10, 543-550.	1.7	222
818	MicroRNA-25 functions in regulation of pigmentation by targeting the transcription factor MITF in alpaca (Lama pacos) skin melanocytes. Domestic Animal Endocrinology, 2010, 38, 200-209.	0.8	82
819	Implication of microRNAs in drug resistance for designing novel cancer therapy. Drug Resistance Updates, 2010, 13, 57-66.	6.5	192
820	miR signatures and the role of miRs in acute myeloid leukaemia. European Journal of Cancer, 2010, 46, 1520-1527.	1.3	33
821	The peripheral blood mononuclear cell microRNA signature of coronary artery disease. Biochemical and Biophysical Research Communications, 2010, 394, 792-797.	1.0	202
822	miR-122-induced down-regulation of HO-1 negatively affects miR-122-mediated suppression of HBV. Biochemical and Biophysical Research Communications, 2010, 398, 771-777.	1.0	145
823	A MicroRNA Targeting Dicer for Metastasis Control. Cell, 2010, 141, 1195-1207.	13.5	619
824	Megarole for MicroRNA in Muscle Disease. Cell Metabolism, 2010, 12, 425-426.	7.2	11
825	microRNAs and cholesterol metabolism. Trends in Endocrinology and Metabolism, 2010, 21, 699-706.	3.1	127
826	Therapy for persistent HIV. Trends in Pharmacological Sciences, 2010, 31, 206-211.	4.0	14
827	MicroRNAs: A New Paradigm on Molecular Urological Oncology. Urology, 2010, 76, 521-527.	0.5	26
828	MicroRNAs and cancer: Current state and future perspectives in urologic oncology. Urologic Oncology: Seminars and Original Investigations, 2010, 28, 4-13.	0.8	76
829	A robust methodology to study urine microRNA as tumor marker: microRNA-126 and microRNA-182 are related to urinary bladder cancer. Urologic Oncology: Seminars and Original Investigations, 2010, 28, 655-661.	0.8	572

#	Article	IF	Citations
830	Lentivirus-Mediated Antagomir Expression. Methods in Molecular Biology, 2010, 667, 237-248.	0.4	8
831	RNA Targeting Therapeutics: Molecular Mechanisms of Antisense Oligonucleotides as a Therapeutic Platform. Annual Review of Pharmacology and Toxicology, 2010, 50, 259-293.	4.2	1,136
832	Recent developments in oligonucleotide conjugation. Chemical Society Reviews, 2010, 39, 2054.	18.7	215
833	Chromosome 21-derived MicroRNAs Provide an Etiological Basis for Aberrant Protein Expression in Human Down Syndrome Brains*. Journal of Biological Chemistry, 2010, 285, 1529-1543.	1.6	100
834	Hostâ€“virus interactions during hepatitis C virus infection: a complex and dynamic molecular biosystem. Molecular BioSystems, 2010, 6, 1131.	2.9	29
835	Regulation of Hepatitis C Virus Translation and Infectious Virus Production by the MicroRNA miR-122. Journal of Virology, 2010, 84, 6615-6625.	1.5	282
836	Robust and specific inhibition of microRNAs in Caenorhabditis elegans. Journal of Biology, 2010, 9, 20.	2.7	1
837	Desperately seeking microRNA targets. Nature Structural and Molecular Biology, 2010, 17, 1169-1174.	3.6	456
838	Relation between microRNA expression and progression and prognosis of gastric cancer: a microRNA expression analysis. Lancet Oncology, The, 2010, 11, 136-146.	5.1	752
839	Nanotubes Functionalized with Lipids and Natural Amino Acid Dendrimers: A New Strategy to Create Nanomaterials for Delivering Systemic RNAi. Bioconjugate Chemistry, 2010, 21, 56-63.	1.8	65
840	Non-viral nanovectors for gene delivery: factors that govern successful therapeutics. Expert Opinion on Drug Delivery, 2010, 7, 721-735.	2.4	47
841	MicroRNAs as Biomarkers in Colorectal Cancer. American Journal of Pathology, 2010, 177, 1592-1599.	1.9	71
842	MicroRNA Regulation of Cardiac Development and Disease. , 2010, , 729-740.		0
843	Alterations of MicroRNAs in Solid Cancers and Their Prognostic Value. Cancers, 2010, 2, 1328-1353.	1.7	15
844	An Omics Perspective on Cancer Research. , 2010, , .		20
845	microRNAs in heart disease: putative novel therapeutic targets?. European Heart Journal, 2010, 31, 649-658.	1.0	148
846	Therapeutic Nucleic Acids. , 2010, , 9-45.		0
847	MicroRNAs and the Immune System. Methods in Molecular Biology, 2010, , .	0.4	1

#	Article	IF	Citations
850	The activity and expression of microRNAs in prostate cancers. Molecular BioSystems, 2010, 6, 2561.	2.9	20
851	Diagnostic, prognostic and therapeutic implications of microRNAs in urologic tumors. Nature Reviews Urology, 2010, 7, 286-297.	1.9	93
852	Targeting viral infection by microRNA inhibition. Genome Biology, 2010, 11, 201.	13.9	15
853	Non-coding RNAs: a key to future personalized molecular therapy?. Genome Medicine, 2010, 2, 12.	3.6	97
854	Peptide- and polymer-based delivery of therapeutic RNA. Soft Matter, 2010, 6, 226-234.	1.2	34
855	Modulation of microRNA function by synthetic ribozymes. Molecular BioSystems, 2010, 6, 1807.	2.9	7
856	Roles for miRNA-378/378* in adipocyte gene expression and lipogenesis. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E198-E206.	1.8	228
857	MicroRNA sponges: Progress and possibilities. Rna, 2010, 16, 2043-2050.	1.6	634
858	Oligonucleotide-Based Tools for Studying Zebrafish Development. Zebrafish, 2010, 7, 31-40.	0.5	28
859	Site-Specific DNA Photocleavage and Photomodulation by Oligonucleotide Conjugates. Oligonucleotides, 2010, 20, 263-275.	2.7	6
860	The Emerging Role of MicroRNAs as a Therapeutic Target for Cardiovascular Disease. BioDrugs, 2010, 24, 147-155.	2.2	10
861	miRNA therapeutics: delivery and biological activity of peptide nucleic acids targeting miRNAs. Epigenomics, 2011, 3, 733-745.	1.0	39
862	Elevated miR-155 Promotes Inflammation in Cystic Fibrosis by Driving Hyperexpression of Interleukin-8. Journal of Biological Chemistry, 2011, 286, 11604-11615.	1.6	196
863	MicroRNAs: a potential interface between the circadian clock and human health. Genome Medicine, 2011, 3, 10.	3.6	49
864	Nucleolipid nanovectors as molecular carriers for potential applications in drug delivery. Molecular BioSystems, 2011, 7, 3075.	2.9	45
865	PNA-based artificial nucleases as antisense and anti-miRNA oligonucleotide agents. Molecular BioSystems, 2011, 7, 2490.	2.9	38
866	Hybrid lipid oligonucleotide conjugates: synthesis, self-assemblies and biomedical applications. Chemical Society Reviews, 2011, 40, 5844.	18.7	106
867	MicroRNA in colorectal cancer: from benchtop to bedside. Carcinogenesis, 2011, 32, 247-253.	1.3	133

#	Article	IF	Citations
869	A microRNA circuit mediates transforming growth factor-Î²1 autoregulation in renal glomerular mesangial cells. Kidney International, 2011, 80, 358-368.	2.6	219
870	Long Intergenic Noncoding RNAs: New Links in Cancer Progression. Cancer Research, 2011, 71, 3-7.	0.4	676
871	Targeted Delivery of Antisense Inhibitor of miRNA for Antiangiogenesis Therapy Using cRGD-Functionalized Nanoparticles. Molecular Pharmaceutics, 2011, 8, 250-259.	2.3	94
872	Experimental strategies for microRNA target identification. Nucleic Acids Research, 2011, 39, 6845-6853.	6.5	493
873	microRNAs, an active and versatile group in cancers. International Journal of Oral Science, 2011, 3, 165-175.	3.6	62
875	Contribution of biomarkers and imaging in the management of hepatocellular carcinoma. Clinics and Research in Hepatology and Gastroenterology, 2011, 35, S21-S30.	0.7	18
876	Microribonucleic Acids for Prevention of Plaque Rupture and In-Stent Restenosis. Journal of the American College of Cardiology, 2011, 57, 383-389.	1.2	33
877	Inhibition of house dust miteâ€“induced allergic airways disease by antagonism of microRNA-145 is comparable to glucocorticoid treatment. Journal of Allergy and Clinical Immunology, 2011, 128, 160-167.e4.	1.5	200
878	MicroRNAs and gastroenterological cancers. Drug Discovery Today Disease Mechanisms, 2011, 8, e95-e102.	0.8	0
879	The Liver-Specific MicroRNA miR-122: Biology and Therapeutic Potential. , 2011, , 221-238.		26
880	Diabetes Complications: The MicroRNA Perspective. Diabetes, 2011, 60, 1832-1837.	0.3	258
881	Systems Biology in Immunology: A Computational Modeling Perspective. Annual Review of Immunology, 2011, 29, 527-585.	9.5	167
882	Cancer Epigenetics. , 2011, , 521-534.		4
883	MicroRNAs in Gastric Cancer. , 2011, , 135-143.		4
884	Molecular Mechanisms of Muscle Plasticity with Exercise. , 2011, 1, 1383-1412.		86
885	To Be Targeted: Is the Magic Bullet Concept a Viable Option for Synthetic Nucleic Acid Therapeutics?. Human Gene Therapy, 2011, 22, 799-807.	1.4	43
886	MicroRNAs in cardiac disease. Translational Research, 2011, 157, 226-235.	2.2	67
887	Involvement of microRNAs in lung cancer biology and therapy. Translational Research, 2011, 157, 200-208.	2.2	34

#	Article	IF	Citations
888	MicroRNAs and liver disease. Translational Research, 2011, 157, 241-252.	2.2	94
889	Diabetes mellitus, a microRNA-related disease?. Translational Research, 2011, 157, 253-264.	2.2	261
890	MicroRNAs in kidney function and disease. Translational Research, 2011, 157, 236-240.	2.2	41
891	MicroRNAs in idiopathic pulmonary fibrosis. Translational Research, 2011, 157, 191-199.	2.2	274
892	Genetics of Circadian Rhythms in Mammalian Model Organisms. Advances in Genetics, 2011, 74, 175-230.	0.8	468
893	The Principles of MiRNA-Masking Antisense Oligonucleotides Technology. Methods in Molecular Biology, 2011, 676, 43-49.	0.4	80
894	The Role of MicroRNAs in Viral Infection. Progress in Molecular Biology and Translational Science, 2011, 102, 101-139.	0.9	83
895	Serum miR-122 as a Biomarker of Necroinflammation in Patients With Chronic Hepatitis C Virus Infection. American Journal of Gastroenterology, 2011, 106, 1663-1669.	0.2	171
896	Developing therapeutic microRNAs for cancer. Gene Therapy, 2011, 18, 1121-1126.	2.3	305
897	Implication of miRNA in the diagnosis and treatment of breast cancer. Expert Review of Anticancer Therapy, 2011, 11, 1265-1275.	1.1	20
898	MicroRNAs as mediators and therapeutic targets in chronic kidney disease. Nature Reviews Nephrology, 2011, 7, 286-294.	4.1	191
899	Dystrophin Orchestrates the Epigenetic Profile of Muscle Cells Via miRNAs. Frontiers in Genetics, 2011, 2, 64.	1.1	16
900	MicroRNAs in Cancer Translational Research. , 2011, , .		5
902	MicroRNA Knock Down by Cholesterol-Conjugated Antisense Oligos in Mouse Organ Culture. Methods in Molecular Biology, 2011, 732, 89-97.	0.4	4
903	MicroRNA Cluster 302â€“367 Enhances Somatic Cell Reprogramming by Accelerating a Mesenchymal-to-Epithelial Transition. Journal of Biological Chemistry, 2011, 286, 17359-17364.	1.6	231
904	Epigenetics and Disease. , 2011, , .		5
905	Chemical modification and design of anti-miRNA oligonucleotides. Gene Therapy, 2011, 18, 1111-1120.	2.3	363
906	The Art of MicroRNA Research. Circulation Research, 2011, 108, 219-234.	2.0	482

#	Article	IF	Citations
907	MicroRNA and Cancer. Methods in Molecular Biology, 2011, , .	0.4	8
908	Targeted Therapies. , 2011, , .		4
909	RNA. Methods in Molecular Biology, 2011, , .	0.4	5
910	The emerging role of microRNAs in multiple sclerosis. Nature Reviews Neurology, 2011, 7, 56-59.	4.9	110
911	miRNAs: roles and clinical applications in vascular disease. Expert Review of Molecular Diagnostics, 2011, 11, 79-89.	1.5	86
912	Functional Polymer Conjugates for Medicinal Nucleic Acid Delivery. Advances in Polymer Science, 2011, , 1-29.	0.4	6
914	RNAi-based therapeutic strategies for metabolic disease. Nature Reviews Endocrinology, 2011, 7, 473-484.	4.3	86
915	Role of microRNAs in cardiac hypertrophy, myocardial fibrosis and heart failure. Acta Pharmaceutica Sinica B, 2011, 1, 1-7.	5.7	28
916	miRNA Expression Profile after Status Epilepticus and Hippocampal Neuroprotection by Targeting miR-132. American Journal of Pathology, 2011, 179, 2519-2532.	1.9	194
917	Regulation of Lipid Homeostasis by the Bifunctional SREBF2-miR33a Locus. Cell Metabolism, 2011, 13, 241-247.	7.2	73
918	The oncogenic and tumour suppressive roles of microRNAs in cancer and apoptosis. European Journal of Cancer, 2011, 47, 1127-1137.	1.3	185
919	miRNA cassettes in viral vectors: Problems and solutions. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2011, 1809, 732-745.	0.9	77
920	Differences in islet-enriched miRNAs in healthy and glucose intolerant human subjects. Biochemical and Biophysical Research Communications, 2011, 404, 16-22.	1.0	93
921	MicroRNA-22 and microRNA-140 suppress NF-Î¹B activity by regulating the expression of NF-Î¹B coactivators. Biochemical and Biophysical Research Communications, 2011, 411, 826-831.	1.0	69
922	Metastamirs: a stepping stone towards improved cancer management. Nature Reviews Clinical Oncology, 2011, 8, 75-84.	12.5	174
923	Probing the furanose conformation in the 2â€²â€“5â€²strand of isoDNAâ€‰:â€‰RNA duplexes by freezing the nucleoside conformations. Chemical Communications, 2011, 47, 4007.	2.2	11
924	Small RNA Discovery and Characterisation in Eukaryotes Using High-Throughput Approaches. Advances in Experimental Medicine and Biology, 2011, 722, 239-254.	0.8	6
925	MicroRNA-223 expression in neutrophils in the early phase of secondary damage after spinal cord injury. Neuroscience Letters, 2011, 492, 114-118.	1.0	58

#	Article	IF	Citations
926	miRNAs got rhythm. Life Sciences, 2011, 88, 373-383.	2.0	13
927	Positive regulation of hepatic miR-122 expression by HNF4Î±. Journal of Hepatology, 2011, 55, 602-611.	1.8	124
928	microRNAs and the Operon Paper. Journal of Molecular Biology, 2011, 409, 70-75.	2.0	14
929	The Emerging Role of microRNAs in Adult Stem Cells. , 2011, , 57-94.		1
930	MicroRNA-758 Regulates Cholesterol Efflux Through Posttranscriptional Repression of ATP-Binding Cassette Transporter A1. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2707-2714.	1.1	218
931	Small molecule enoxacin is a cancer-specific growth inhibitor that acts by enhancing TAR RNA-binding protein 2-mediated microRNA processing. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4394-4399.	3.3	222
932	Identification of cardiovascular microRNA targetomes. Journal of Molecular and Cellular Cardiology, 2011, 51, 674-681.	0.9	14
933	MicroRNAs and Aneurysm Formation. Trends in Cardiovascular Medicine, 2011, 21, 172-177.	2.3	40
934	MicroRNAs: Potential biomarker in organ transplantation. Transplant Immunology, 2011, 24, 210-215.	0.6	37
935	Making sense of therapeutics using antisense technology. Expert Opinion on Drug Discovery, 2011, 6, 507-526.	2.5	25
936	Therapeutic Inhibition of miR-208a Improves Cardiac Function and Survival During Heart Failure. Circulation, 2011, 124, 1537-1547.	1.6	538
937	Weak seed-pairing stability and high target-site abundance decrease the proficiency of lsy-6 and other microRNAs. Nature Structural and Molecular Biology, 2011, 18, 1139-1146.	3.6	803
938	Development and utilization of non-coding RNAâ€“small molecule interactions. Organic and Biomolecular Chemistry, 2011, 9, 7969.	1.5	23
939	MicroRNA Epigenetics. BioDrugs, 2011, 25, 27-41.	2.2	23
940	Effective delivery of anti-miRNA DNA oligonucleotides by functionalized gold nanoparticles. Journal of Biotechnology, 2011, 155, 287-292.	1.9	61
941	miR-146a is modulated in human endothelial cell with aging. Atherosclerosis, 2011, 217, 326-330.	0.4	168
942	Cancer, Senescence, and Aging: Translation from Basic Research to Clinics. Journal of Aging Research, 2011, 2011, 1-2.	0.4	1
943	Translational Research on Breast Cancer: miRNA, siRNA and Immunoconjugates in Conjugation with Nanotechnology for Clinical Studies. , 0, , .		0

#	Article	IF	Citations
944	Gene Modulation by Peptide Nucleic Acids (PNAs) Targeting microRNAs (miRs). , 0, , .		4
945	The emerging important role of microRNAs in the pathogenesis, diagnosis and treatment of human cancers. Pathology, 2011, 43, 657-671.	0.3	40
946	MicroRNAsâ€"Basic Biology and Therapeutic Potential. Annual Reports in Medicinal Chemistry, 2011, , 351-365.	0.5	2
948	MiRNAs-based Gene Therapy on the Horizon: Novel and Effective Therapeutic Advancement. , 2011, , .		0
949	Diagnostic and Prognostic Molecular Markers in Hepatocellular Carcinoma. Disease Markers, 2011, 31, 181-190.	0.6	67
950	Systems Biology Reveals MicroRNA-Mediated Gene Regulation. Frontiers in Genetics, 2011, 2, 29.	1.1	28
951	MicroRNAs as New Characters in the Plot between Epigenetics and Prostate Cancer. Frontiers in Genetics, 2011, 2, 62.	1.1	14
952	MicroRNA-122: a Therapeutic Target For Hepatitis C Virus (HCV) Infection. Frontiers in Bioscience - Scholar, 2011, S3, 1032.	0.8	19
953	Mechanisms and role of microRNA deregulation in cancer onset and progression. Genetics and Molecular Biology, 2011, 34, 363-370.	0.6	97
954	Serum MicroRNAs as Biomarkers for Hepatocellular Carcinoma in Chinese Patients with Chronic Hepatitis B Virus Infection. PLoS ONE, 2011, 6, e28486.	1.1	262
955	Quantitative Proteomics Identify Novel miR-155 Target Proteins. PLoS ONE, 2011, 6, e22146.	1.1	28
956	MicroRNA-96 Directly Inhibits Î³-Globin Expression in Human Erythropoiesis. PLoS ONE, 2011, 6, e22838.	1.1	65
957	Epigenetic Modulation of miR-122 Facilitates Human Embryonic Stem Cell Self-Renewal and Hepatocellular Carcinoma Proliferation. PLoS ONE, 2011, 6, e27740.	1.1	55
958	miRNA Regulation of Liver Growth After 50% Partial Hepatectomy and Small Size Grafts in Rats. Transplantation, 2011, 91, 293-299.	0.5	49
959	MicroRNA and Diseases of the Nervous System. Neurosurgery, 2011, 69, 440-454.	0.6	8
960	Therapeutic Advances in MicroRNA Targeting. Journal of Cardiovascular Pharmacology, 2011, 57, 1-7.	0.8	39
961	Altered levels of the onco-microRNA 21 and the tumor-supressor microRNAs 143 and 145 in advanced rectal cancer indicate successful neoadjuvant chemoradiotherapy. International Journal of Oncology, 2011, 39, 409-15.	1.4	73
962	Practical Aspects of microRNA Target Prediction. Current Molecular Medicine, 2011, 11, 93-109.	0.6	432

#	Article	IF	Citations
963	Micro-RNA in Disease and Gene Therapy. Current Drug Discovery Technologies, 2011, 8, 76-86.	0.6	43
964	MicroRNAs as Potential Therapeutic Agents in the Treatment of Myocardial Infarction. Current Vascular Pharmacology, 2011, 9, 733-740.	0.8	7
965	A mini-review: microRNA in arthritis. Physiological Genomics, 2011, 43, 566-570.	1.0	49
966	Overexpression of microRNA-16-2 contributes to the abnormal erythropoiesis in polycythemia vera. Blood, 2011, 117, 6923-6927.	0.6	26
967	MicroRNA function in myeloid biology. Blood, 2011, 118, 2960-2969.	0.6	140
968	Oligomeric Nucleic Acids as Antivirals. Molecules, 2011, 16, 1271-1296.	1.7	32
969	Regulating the Regulators: microRNA and Asthma. World Allergy Organization Journal, 2011, 4, 94-103.	1.6	23
970	Emerging roles of microRNA in the intracellular signaling networks of hepatocellular carcinoma. Journal of Gastroenterology and Hepatology (Australia), 2011, 26, 437-449.	1.4	76
971	Clinical significance and potential of hepatic microRNA-122 expression in hepatitis C. Liver International, 2011, 31, 474-484.	1.9	96
972	Prognostic potential of hepatic miR-122 measurements and antisense strategies targeting miR-122 as a therapeutic approach in viral hepatitis. Liver International, 2011, 31, 437-439.	1.9	2
973	Chemical contrast for imaging living systems: molecular vibrations drive CARS microscopy. Nature Chemical Biology, 2011, 7, 137-145.	3.9	207
974	Silencing of microRNA families by seed-targeting tiny LNAs. Nature Genetics, 2011, 43, 371-378.	9.4	594
975	Stopping RNA interference at the seed. Nature Genetics, 2011, 43, 288-289.	9.4	2
976	DNMT3A mutations in acute myeloid leukemia. Nature Genetics, 2011, 43, 289-290.	9.4	56
977	MicroRNAs en route to the clinic: progress in validating and targeting microRNAs for cancer therapy. Nature Reviews Cancer, 2011, 11, 849-864.	12.8	870
978	Gene silencing by microRNAs: contributions of translational repression and mRNA decay. Nature Reviews Genetics, 2011, 12, 99-110.	7.7	2,009
979	Current prospects for RNA interference-based therapies. Nature Reviews Genetics, 2011, 12, 329-340.	7.7	674
980	Non-coding RNAs in human disease. Nature Reviews Genetics, 2011, 12, 861-874.	7.7	4,159

#	Article	IF	Citations
981	Efficient in vivo microRNA targeting of liver metastasis. Oncogene, 2011, 30, 1481-1488.	2.6	101
982	Virus-specific mechanisms of carcinogenesis in hepatitis C virus associated liver cancer. Oncogene, 2011, 30, 1969-1983.	2.6	187
983	MicroRNA therapeutics. Gene Therapy, 2011, 18, 1104-1110.	2.3	369
984	MicroRNA history: Discovery, recent applications, and next frontiers. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 717, 1-8.	0.4	351
985	MicroRNA response to environmental mutagens in liver. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 717, 67-76.	0.4	24
986	MicroRNAs: New actors in the oral cancer scene. Oral Oncology, 2011, 47, 314-319.	0.8	91
987	Shielding the messenger (RNA): microRNA-based anticancer therapies. , 2011, 131, 18-32.		52
988	MicroRNAs from biology to future pharmacotherapy: Regulation of cytochrome P450s and nuclear receptors. , 2011, 131, 330-337.		62
989	Breast cancer and microRNAs: therapeutic impact. Breast, 2011, 20, S63-S70.	0.9	87
990	MicroRNAs: Toward the Clinic for Breast Cancer Patients. Seminars in Oncology, 2011, 38, 764-775.	0.8	30
991	Virus-encoded microRNAs. Virology, 2011, 411, 325-343.	1.1	363
992	MicroRNA regulation in angiogenesis. Vascular Pharmacology, 2011, 55, 79-86.	1.0	155
993	Arterial remodeling and atherosclerosis: miRNAs involvement. Vascular Pharmacology, 2011, 55, 106-110.	1.0	45
994	MicroRNAs in chronic lymphocytic leukemia. Experimental and Molecular Pathology, 2011, 90, 173-178.	0.9	15
995	Novel advances in cytochrome P450 research. Drug Discovery Today, 2011, 16, 793-799.	3.2	65
996	Dysregulation of microRNAs in cancer: Playing with fire. FEBS Letters, 2011, 585, 2087-2099.	1.3	264
997	Pathophysiology of translational regulation by microRNAs in multiple sclerosis. FEBS Letters, 2011, 585, 3738-3746.	1.3	52
998	Targeting microRNAs involved in human diseases: A novel approach for modification of gene expression and drug development. Biochemical Pharmacology, 2011, 82, 1416-1429.	2.0	100

#	Article	IF	Citations
999	Coordinated Regulation of Polycomb Group Complexes through microRNAs in Cancer. Cancer Cell, 2011, 20, 187-199.	7.7	191
1000	RNA interference for performance enhancement and detection in doping control. Drug Testing and Analysis, 2011, 3, 661-667.	1.6	9
1001	Non-coding RNAs as theranostics in human cancers. Journal of Cellular Biochemistry, 2011, 113, n/a-n/a.	1.2	52
1002	Role of MicroRNAs in Anti-cancer Drug Resistance. , 2011, , 449-483.		3
1003	MicroRNA122 is a key regulator of Î±-fetoprotein expression and influences the aggressiveness of hepatocellular carcinoma. Nature Communications, 2011, 2, 338.	5.8	105
1004	Application of MicroRNA in Cardiac and Skeletal Muscle Disease Gene Therapy. Methods in Molecular Biology, 2011, 709, 197-210.	0.4	10
1005	MicroRNA Replacement Therapy for miR-145 and miR-33a Is Efficacious in a Model of Colon Carcinoma. Cancer Research, 2011, 71, 5214-5224.	0.4	358
1006	Diagnostic applications of cell-free and circulating tumor cell-associated miRNAs in cancer patients. Expert Review of Molecular Diagnostics, 2011, 11, 259-275.	1.5	70
1007	MicroRNAs: New Players in Cardiac Injury and Protection. Molecular Pharmacology, 2011, 80, 558-564.	1.0	119
1008	Age-associated changes in expression of small, noncoding RNAs, including microRNAs, in C. elegans. Rna, 2011, 17, 1804-1820.	1.6	142
1009	Prediction of Targets for MicroRNAs. Methods in Molecular Biology, 2011, 703, 311-317.	0.4	12
1010	Small RNA Sequencing and Functional Characterization Reveals MicroRNA-143 Tumor Suppressor Activity in Liposarcoma. Cancer Research, 2011, 71, 5659-5669.	0.4	106
1011	The prognostic and functional role of microRNAs in acute myeloid leukemia. Blood, 2011, 117, 1121-1129.	0.6	247
1012	MicroRNA in central nervous system trauma and degenerative disorders. Physiological Genomics, 2011, 43, 571-580.	1.0	105
1013	MicroRNAs and their roles in osteoclast differentiation. Frontiers of Medicine, 2011, 5, 414-419.	1.5	31
1014	MicroRNAs 103 and 107 regulate insulin sensitivity. Nature, 2011, 474, 649-653.	13.7	902
1015	Cellular delivery of siRNA and antisense oligonucleotides via receptor-mediated endocytosis. Expert Opinion on Drug Delivery, 2011, 8, 435-449.	2.4	50
1016	miRNA and vascular cell movement. Advanced Drug Delivery Reviews, 2011, 63, 616-622.	6.6	31

#	Article	IF	Citations
1017	RNA interference therapy via functionalized scaffolds. Advanced Drug Delivery Reviews, 2011, 63, 197-208.	6.6	76
1018	RNA diagnostics: realâ€time RTâ€PCR strategies and promising novel target RNAs. Wiley Interdisciplinary Reviews RNA, 2011, 2, 32-41.	3.2	26
1019	MicroRNAs in cardiac hypertrophy: angels or devils. Wiley Interdisciplinary Reviews RNA, 2011, 2, 124-134.	3.2	6
1020	Viruses and microRNAs: a toolbox for systematic analysis. Wiley Interdisciplinary Reviews RNA, 2011, 2, 787-801.	3.2	8
1021	Noncanonical TGF-Î² Signaling During Mammary Tumorigenesis. Journal of Mammary Gland Biology and Neoplasia, 2011, 16, 127-146.	1.0	103
1022	Silencing the silencer: strategies to inhibit microRNA activity. Biotechnology Letters, 2011, 33, 1285-1292.	1.1	12
1023	Role of MicroRNAs in Cardiac Remodeling and Heart Failure. Cardiovascular Drugs and Therapy, 2011, 25, 171-182.	1.3	123
1024	An Introduction to Small Non-coding RNAs: miRNA and snoRNA. Cardiovascular Drugs and Therapy, 2011, 25, 151-159.	1.3	79
1025	microRNA Replacement Therapy for Cancer. Pharmaceutical Research, 2011, 28, 3030-3042.	1.7	128
1026	The Therapeutic Potential of MicroRNAs: Disease Modulators and Drug Targets. Pharmaceutical Research, 2011, 28, 3016-3029.	1.7	67
1027	RNA Interference and Cancer Therapy. Pharmaceutical Research, 2011, 28, 2983-2995.	1.7	131
1028	Subcellular Fate and Off-Target Effects of siRNA, shRNA, and miRNA. Pharmaceutical Research, 2011, 28, 2996-3015.	1.7	169
1029	The realm of microRNAs in cancers. Molecular Biology Reports, 2011, 38, 1079-1089.	1.0	25
1030	Effects of MicroRNA-143 in the differentiation and proliferation of bovine intramuscular preadipocytes. Molecular Biology Reports, 2011, 38, 4273-4280.	1.0	55
1031	MicroRNAs (miRNAs) in cancer invasion and metastasis: therapeutic approaches based on metastasis-related miRNAs. Journal of Molecular Medicine, 2011, 89, 445-457.	1.7	128
1032	The miRNA pathway in neurological and skeletal muscle disease: implications for pathogenesis and therapy. Journal of Molecular Medicine, 2011, 89, 1065-1077.	1.7	21
1033	Epigenetic aberrations during oncogenesis. Cellular and Molecular Life Sciences, 2011, 68, 1681-1702.	2.4	156
1034	microRNAs at the regulatory frontier: an investigation into how microRNAs impact the development and effector functions of CD4 T cells. Immunologic Research, 2011, 49, 87-96.	1.3	18

#	Article	IF	Citations
1035	microRNAs, Plasma Lipids, and Cardiovascular Disease. Current Cardiovascular Risk Reports, 2011, 5, 10-17.	0.8	0
1036	Impact of miRNA deregulation on mRNA expression profiles in response to environmental toxicant, nonylphenol. Molecular and Cellular Toxicology, 2011, 7, 259-269.	0.8	17
1037	MicroRNAs in Cardiometabolic Disease. Current Atherosclerosis Reports, 2011, 13, 202-207.	2.0	37
1038	Therapeutic Use of MicroRNAs in Myocardial Diseases. Current Heart Failure Reports, 2011, 8, 193-197.	1.3	33
1039	Metabolic syndrome: definitions and controversies. BMC Medicine, 2011, 9, 48.	2.3	1,014
1040	Pathogenic mechanisms of deregulated microRNA expression in thyroid carcinomas of follicular origin. Thyroid Research, 2011, 4, S1.	0.7	38
1041	Regulation of cardiac microRNAs by serum response factor. Journal of Biomedical Science, 2011, 18, 15.	2.6	31
1042	A global view of porcine transcriptome in three tissues from a full-sib pair with extreme phenotypes in growth and fat deposition by paired-end RNA sequencing. BMC Genomics, 2011, 12, 448.	1.2	103
1043	miRNAs in human cancer. Journal of Pathology, 2011, 223, 102-115.	2.1	827
1044	Genomeâ€wide approaches in the study of microRNA biology. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2011, 3, 491-512.	6.6	26
1045	MicroRNAs and their role in gynecological tumors. Medicinal Research Reviews, 2011, 31, 895-923.	5.0	23
1046	Genomewide microRNA down-regulation as a negative feedback mechanism in the early phases of liver regeneration. Hepatology, 2011, 54, 609-619.	3.6	72
1047	Epigenetic markers for chemosensitivity and chemoresistance in pancreatic cancerâ€”A review. International Journal of Cancer, 2011, 129, 1031-1041.	2.3	28
1048	A Rapid Assay for miRNA Maturation by Using Unmodified preâ€miRNA. ChemBioChem, 2011, 12, 2302-2305.	1.3	15
1049	Epigenetic regulation in myelodysplastic syndromes: implications for therapy. Expert Opinion on Investigational Drugs, 2011, 20, 465-493.	1.9	16
1050	Discerning Different In vivo Roles of MicroRNAs by Experimental Approaches in Zebrafish. Methods in Cell Biology, 2011, 104, 353-378.	0.5	4
1051	MicroRNA and Vascular Smooth Muscle Cells. Vitamins and Hormones, 2011, 87, 321-339.	0.7	15
1052	Vascular Smooth-Muscle-Cell Activation. International Review of Cell and Molecular Biology, 2011, 288, 43-99.	1.6	39

#	Article	IF	Citations
1053	MicroRNA-regulated, Systemically Delivered rAAV9: A Step Closer to CNS-restricted Transgene Expression. Molecular Therapy, 2011, 19, 526-535.	3.7	143
1054	Bioengineering RNA Silencing Across the Life Kingdoms. Recent Patents on Biotechnology, 2011, 5, 118-146.	0.4	2
1055	microRNA Involvement in Hepatocellular Carcinoma. Anti-Cancer Agents in Medicinal Chemistry, 2011, 11, 500-521.	0.9	88
1056	Let It Be. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1-2.	2.5	23
1057	miRNA-223 Promotes Gastric Cancer Invasion and Metastasis by Targeting Tumor Suppressor EPB41L3. Molecular Cancer Research, 2011, 9, 824-833.	1.5	329
1058	Molecular evaluation of renal biopsies: a search for predictive and prognostic markers in lupus nephritis. Expert Review of Molecular Diagnostics, 2011, 11, 561-565.	1.5	1
1059	Stable serum miRNA profiles as potential tool for non-invasive lung cancer diagnosis. RNA Biology, 2011, 8, 506-516.	1.5	133
1060	mRNA expression profiling reveals conserved and non-conserved miR-140 targets. RNA Biology, 2011, 8, 607-615.	1.5	34
1061	MicroRNAs regulating oxidative stress and inflammation in relation to obesity and atherosclerosis. FASEB Journal, 2011, 25, 2515-2527.	0.2	214
1062	miR-106aâ€“mediated Malignant Transformation of Cells Induced by Anti-benzo[a]pyrene-trans-7,8-diol-9,10-epoxide. Toxicological Sciences, 2011, 119, 50-60.	1.4	52
1063	miR-221 Silencing Blocks Hepatocellular Carcinoma and Promotes Survival. Cancer Research, 2011, 71, 7608-7616.	0.4	206
1064	Virally induced changes in cellular microRNAs maintain latency of human cytomegalovirus in CD34+ progenitors. Journal of General Virology, 2011, 92, 1539-1549.	1.3	88
1065	MicroRNA-24 Regulates Vascularity After Myocardial Infarction. Circulation, 2011, 124, 720-730.	1.6	358
1066	A new frontier in personalized cancer therapy: mapping molecular changes. Future Oncology, 2011, 7, 873-894.	1.1	12
1067	Circulating MicroRNAs in Patients with Chronic Hepatitis C and Non-Alcoholic Fatty Liver Disease. PLoS ONE, 2011, 6, e23937.	1.1	488
1068	Mechanistic Role of MicroRNA-146a in Endotoxin-Induced Differential Cross-Regulation of TLR Signaling. Journal of Immunology, 2011, 186, 1723-1734.	0.4	190
1069	A liverâ€specific microRNA binds to a highly conserved RNA sequence of hepatitis B virus and negatively regulates viral gene expression and replication. FASEB Journal, 2011, 25, 4511-4521.	0.2	167
1070	miRvestigator: web application to identify miRNAs responsible for co-regulated gene expression patterns discovered through transcriptome profiling. Nucleic Acids Research, 2011, 39, W125-W131.	6.5	26

#	Article	IF	Citations
1071	MicroRNA Role in Thyroid Cancer Development. Journal of Thyroid Research, 2011, 2011, 1-12.	0.5	71
1072	The role of microRNAs in hematopoietic stem cell and leukemic stem cell function. Therapeutic Advances in Hematology, 2011, 2, 317-334.	1.1	33
1073	MicroRNA fate upon targeting with anti-miRNA oligonucleotides as revealed by an improved Northern-blot-based method for miRNA detection. Rna, 2011, 17, 933-943.	1.6	86
1074	Selection, Optimization, and Pharmacokinetic Properties of a Novel, Potent Antiviral Locked Nucleic Acid-Based Antisense Oligomer Targeting Hepatitis C Virus Internal Ribosome Entry Site. Antimicrobial Agents and Chemotherapy, 2011, 55, 3105-3114.	1.4	48
1075	Silencing microRNA by interfering nanoparticles in mice. Nucleic Acids Research, 2011, 39, e38-e38.	6.5	59
1076	ProcÃ©dures thÃ©rapeutiques particuliÃ¨res. , 2011, , 302-338.		0
1077	MicroRNA-100 Regulates Neovascularization by Suppression of Mammalian Target of Rapamycin in Endothelial and Vascular Smooth Muscle Cells. Circulation, 2011, 123, 999-1009.	1.6	178
1078	MicroRNAs Regulate Key Effector Pathways of Senescence. Journal of Aging Research, 2011, 2011, 1-11.	0.4	27
1079	A Lasso regression model for the construction of microRNA-target regulatory networks. Bioinformatics, 2011, 27, 2406-2413.	1.8	110
1080	microRNAs in the Regulation of Adipogenesis and Obesity. Current Molecular Medicine, 2011, 11, 304-316.	0.6	235
1081	Is the Epithelial-to-Mesenchymal Transition Clinically Relevant for the Cancer Patient?. Current Pharmaceutical Biotechnology, 2011, 12, 1891-1899.	0.9	25
1082	Potent and sustained cellular inhibition of miR-122 by lysine-derivatized peptide nucleic acids (PNA) and phosphorothioate locked nucleic acid (LNA)/2'-O-methyl (OMe) mixmer anti-miRs in the absence of transfection agents. Artificial DNA, PNA & XNA, 2011, 2, 71-78.	1.4	26
1083	MicroRNAs: A Novel Therapeutic Target for Schizophrenia. Current Pharmaceutical Design, 2011, 17, 176-188.	0.9	13
1084	TNF-Î± is a novel target of miR-19a. International Journal of Oncology, 2011, 38, 1013-22.	1.4	53
1085	MicroRNAs in NF-ÂB signaling. Journal of Molecular Cell Biology, 2011, 3, 159-166.	1.5	530
1086	MicroRNA-29c Is a Signature MicroRNA under High Glucose Conditions That Targets Sprouty Homolog 1, and Its in Vivo Knockdown Prevents Progression of Diabetic Nephropathy. Journal of Biological Chemistry, 2011, 286, 11837-11848.	1.6	238
1087	RNA-ligase-dependent biases in miRNA representation in deep-sequenced small RNA cDNA libraries. Rna, 2011, 17, 1697-1712.	1.6	307
1088	Promise and Challenge of RNA Interferenceâ€“Based Therapy for Cancer. Journal of Clinical Oncology, 2011, 29, 747-754.	0.8	119

#	Article	IF	Citations
1089	Two-tiered Approach Identifies a Network of Cancer and Liver Disease-related Genes Regulated by miR-122. Journal of Biological Chemistry, 2011, 286, 18066-18078.	1.6	54
1090	MicroRNA regulation of the paired-box transcription factor Pax3 confers robustness to developmental timing of myogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11936-11941.	3.3	110
1091	MicroRNA transfection and AGO-bound CLIP-seq data sets reveal distinct determinants of miRNA action. Rna, 2011, 17, 820-834.	1.6	63
1092	MicroRNAs in Development and Disease. Physiological Reviews, 2011, 91, 827-887.	13.1	959
1093	Use of target protector morpholinos to analyze the physiological roles of specific miRNA-mRNA pairs in vivo. Nature Protocols, 2011, 6, 2035-2049.	5.5	79
1094	Physiological effects of Type 2 diabetes on mRNA processing and gene expression. Expert Review of Endocrinology and Metabolism, 2011, 6, 255-267.	1.2	0
1095	MicroRNAs as new therapeutic targets and tools in cancer. Expert Opinion on Therapeutic Targets, 2011, 15, 265-279.	1.5	81
1096	miR-33a/b contribute to the regulation of fatty acid metabolism and insulin signaling. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9232-9237.	3.3	615
1097	miR-23a regulation of X-linked inhibitor of apoptosis (XIAP) contributes to sex differences in the response to cerebral ischemia. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11662-11667.	3.3	163
1098	Dual regulation of hepatitis C viral RNA by cellular RNAi requires partitioning of Ago2 to lipid droplets and P-bodies. Rna, 2011, 17, 1831-1845.	1.6	22
1099	Effects of in vivo transfection with anti-miR-214 on gene expression in murine molar tooth germ. Physiological Genomics, 2011, 43, 488-498.	1.0	30
1100	New Antisense Strategies: Chemical Synthesis of RNA Oligomers. Advances in Polymer Science, 2011, , 1-47.	0.4	0
1101	MicroRNAs in adipogenesis and as therapeutic targets for obesity. Expert Opinion on Therapeutic Targets, 2011, 15, 623-636.	1.5	98
1102	Emerging Evidence for MicroRNAs as Regulators of Cancer Stem Cells. Cancers, 2011, 3, 3957-3971.	1.7	9
1103	An Artificial miRNA against HPSE Suppresses Melanoma Invasion Properties, Correlating with a Down-Regulation of Chemokines and MAPK Phosphorylation. PLoS ONE, 2012, 7, e38659.	1.1	44
1104	MicroRNA-126 contributes to renal microvascular heterogeneity of VCAM-1 protein expression in acute inflammation. American Journal of Physiology - Renal Physiology, 2012, 302, F1630-F1639.	1.3	95
1105	Claudin-14 regulates renal Ca⁺⁺transport in response to CaSR signalling via a novel microRNA pathway. EMBO Journal, 2012, 31, 1999-2012.	3.5	212
1106	MiRNAs and LincRNAs: Could They Be Considered as Biomarkers in Colorectal Cancer?. International Journal of Molecular Sciences, 2012, 13, 840-865.	1.8	29

#	Article	IF	Citations
1107	MicroRNAs in Postischemic Vascular Repair. Cardiology Research and Practice, 2012, 2012, 1-7.	0.5	32
1108	Biogenesis of mammalian microRNAs by a non-canonical processing pathway. Nucleic Acids Research, 2012, 40, 4626-4640.	6.5	180
1109	The Non-coding 3â€²UTR of CD44 Induces Metastasis by Regulating Extracellular Matrix Functions. Journal of Cell Science, 0, , .	1.2	88
1110	A Combined Array-Based Comparative Genomic Hybridization and Functional Library Screening Approach Identifies mir-30d As an Oncomir in Cancer. Cancer Research, 2012, 72, 154-164.	0.4	53
1111	Novel Tissueâ€Specific Mechanism of Regulation of Angiogenesis and Cancer Growth in Response to Hyperglycemia. Journal of the American Heart Association, 2012, 1, e005967.	1.6	50
1112	An Optimized Sponge for microRNA miR-9 Affects Spinal Motor Neuron Development in vivo. Frontiers in Neuroscience, 2011, 5, 146.	1.4	50
1113	A potent 2â€² -O- methylated RNA-based microRNA inhibitor with unique secondary structures. Nucleic Acids Research, 2012, 40, e58-e58.	6.5	45
1114	Potential of microRNAs for cancer diagnostics, prognostication and therapy. Current Opinion in Oncology, 2012, 24, 655-659.	1.1	63
1115	The Therapeutic Potential of MicroRNAs in Cancer. Cancer Journal (Sudbury, Mass), 2012, 18, 275-284.	1.0	97
1116	Causes and Consequences of MicroRNA Dysregulation. Cancer Journal (Sudbury, Mass), 2012, 18, 215-222.	1.0	260
1117	The Role of MicroRNAs in Colorectal Cancer. Cancer Journal (Sudbury, Mass), 2012, 18, 244-252.	1.0	241
1118	The Duality of OncomiR Addiction in the Maintenance and Treatment of Cancer. Cancer Journal (Sudbury, Mass), 2012, 18, 232-237.	1.0	48
1119	MicroRNA involvement in lupus. Current Opinion in Rheumatology, 2012, 24, 489-498.	2.0	30
1120	MicroRNAs. Current Opinion in Lipidology, 2012, 23, 220-225.	1.2	88
1121	TricycloDNA-modified oligo-2â€²-deoxyribonucleotides reduce scavenger receptor B1 mRNA in hepatic and extra-hepatic tissuesâ€”a comparative study of oligonucleotide length, design and chemistry. Nucleic Acids Research, 2012, 40, 6135-6143.	6.5	86
1122	Hepato-specific microRNA-122 facilitates accumulation of newly synthesized miRNA through regulating PRKRA. Nucleic Acids Research, 2012, 40, 884-891.	6.5	31
1123	Therapeutic inhibition of the miR-34 family attenuates pathological cardiac remodeling and improves heart function. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17615-17620.	3.3	391
1124	Does base-pairing strength play a role in microRNA repression?. Rna, 2012, 18, 1947-1956.	1.6	21

#	Article	IF	Citations
1125	miR-26a is required for skeletal muscle differentiation and regeneration in mice. Genes and Development, 2012, 26, 2180-2191.	2.7	200
1126	Breast cancer stem cells: new therapeutic approaches. Breast Cancer Management, 2012, 1, 277-294.	0.2	1
1127	Transcriptional regulation of miR-196b by ETS2 in gastric cancer cells. Carcinogenesis, 2012, 33, 760-769.	1.3	58
1128	miRNAs in Gastrointestinal and Liver Cancers: Their Perspectives and Clinical Applications. Current Pharmaceutical Design, 2012, 19, 1301-1310.	0.9	4
1129	MicroRNAs in Cancer: Small Molecules, Big Chances. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 733-743.	0.9	29
1131	Post-transcriptional regulation in metabolic diseases. RNA Biology, 2012, 9, 772-780.	1.5	24
1132	MicroRNA-214 inhibits angiogenesis by targeting Quaking and reducing angiogenic growth factor release. Cardiovascular Research, 2012, 93, 655-665.	1.8	132
1133	The Role of microRNAs in the Pathogenesis and Treatment of Hematopoietic Malignancies. Current Pharmaceutical Design, 2012, 19, 1201-1210.	0.9	4
1134	miRNAs as potential therapeutic targets for age-related macular degeneration. Future Medicinal Chemistry, 2012, 4, 277-287.	1.1	59
1135	RIP-chip-SRMâ€"a new combinatorial large-scale approach identifies a set of translationally regulated bantam/miR-58 targets in C. elegans. Genome Research, 2012, 22, 1360-1371.	2.4	18
1136	Cancer Regulator MicroRNA: Potential Relevance in Diagnosis, Prognosis and Treatment of Cancer. Current Medicinal Chemistry, 2012, 19, 461-474.	1.2	42
1137	MicroRNAs (miRNAs) in Colorectal Cancer: From Aberrant Expression Towards Therapy. Current Pharmaceutical Design, 2012, 19, 1242-1252.	0.9	32
1138	Targeting pre-miRNA by Peptide Nucleic Acids. Artificial DNA, PNA & XNA, 2012, 3, 88-96.	1.4	20
1139	Differential stimulation of hepatitis C virus RNA translation by microRNA-122 in different cell cycle phases. Cell Cycle, 2012, 11, 277-285.	1.3	31
1140	PEI-complexed LNA antiseeds as miRNA inhibitors. RNA Biology, 2012, 9, 1088-1098.	1.5	21
1141	Inhibition of MicroRNA-17 Improves Lung and Heart Function in Experimental Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 409-419.	2.5	206
1142	Mechanisms generating bistability and oscillations in microRNA-mediated motifs. Physical Review E, 2012, 85, 041916.	0.8	26
1143	Current Progress on Understanding MicroRNAs in Glioblastoma Multiforme. Genes and Cancer, 2012, 3, 3-15.	0.6	132

#	Article	IF	Citations
1144	Inhibition of miR-15 Protects Against Cardiac Ischemic Injury. Circulation Research, 2012, 110, 71-81.	2.0	454
1145	Liver-specific microRNA-122: Biogenesis and function. RNA Biology, 2012, 9, 137-142.	1.5	349
1146	microRNA-301a regulation of a T-helper 17 immune response controls autoimmune demyelination. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1248-57.	3.3	173
1148	miR-204 targets Bcl-2 expression and enhances responsiveness of gastric cancer. Cell Death and Disease, 2012, 3, e423-e423.	2.7	160
1149	Arresting the Culprit: Targeted Antagomir Delivery to Sequester Oncogenic miR-221 in HCC. Molecular Therapy - Nucleic Acids, 2012, 1, e12.	2.3	10
1150	miR-29b sensitizes multiple myeloma cells to bortezomib-induced apoptosis through the activation of a feedback loop with the transcription factor Sp1. Cell Death and Disease, 2012, 3, e436-e436.	2.7	137
1151	Circulating miRNA profiling to identify biomarkers of dysmetabolism. Biomarkers in Medicine, 2012, 6, 729-742.	0.6	13
1152	MicroRNA-203 contributes to skin re-epithelialization. Cell Death and Disease, 2012, 3, e435-e435.	2.7	88
1153	Inhibiting MicroRNA-192 Ameliorates Renal Fibrosis in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2012, 23, 458-469.	3.0	323
1154	PAI-1â€“regulated miR-21 defines a novel age-associated fibrogenic pathway in muscular dystrophy. Journal of Cell Biology, 2012, 196, 163-175.	2.3	103
1155	MicroRNAs: Potentially important regulators for schistosome development and therapeutic targets against schistosomiasis. Parasitology, 2012, 139, 669-679.	0.7	27
1157	Therapeutic modulation of miRNA for the treatment of proinflammatory lung diseases. Expert Review of Anti-Infective Therapy, 2012, 10, 359-368.	2.0	35
1158	MicroRNA-494 Reduces ATF3 Expression and Promotes AKI. Journal of the American Society of Nephrology: JASN, 2012, 23, 2012-2023.	3.0	113
1159	A Locked Nucleic Acid Oligonucleotide Targeting MicroRNA 122 Is Well-Tolerated in Cynomolgus Monkeys. Nucleic Acid Therapeutics, 2012, 22, 152-161.	2.0	91
1160	Modulating Anti-MicroRNA-21 Activity and Specificity Using Oligonucleotide Derivatives and Length Optimization. ISRN Pharmaceutics, 2012, 2012, 1-7.	1.0	7
1161	Circulating microRNAs as Biomarkers, Therapeutic Targets, and Signaling Molecules. Sensors, 2012, 12, 3359-3369.	2.1	140
1162	The emerging role of microRNA in regulation of endotoxin tolerance. Journal of Leukocyte Biology, 2012, 91, 721-727.	1.5	56
1163	Diabetes and Nonalcoholic Fatty Liver Disease. Experimental Diabetes Research, 2012, 2012, 1-2.	3.8	3

#	Article	IF	Citations
1164	MicroRNAs as newer therapeutic targets: A big hope from a tiny player. Journal of Pharmacology and Pharmacotherapeutics, 2012, 3, 217.	0.2	30
1165	Endothelial senescence and microRNA. Biomolecular Concepts, 2012, 3, 213-223.	1.0	5
1166	KSHV-Encoded MicroRNAs: Lessons for Viral Cancer Pathogenesis and Emerging Concepts. International Journal of Cell Biology, 2012, 2012, 1-9.	1.0	31
1167	Cardiac Insulin Resistance and MicroRNA Modulators. Experimental Diabetes Research, 2012, 2012, 1-12.	3.8	22
1168	The Role of Metformin in the Management of NAFLD. Experimental Diabetes Research, 2012, 2012, 1-13.	3.8	150
1169	Mechanistic Roles of Noncoding RNAs in Lung Cancer Biology and Their Clinical Implications. Genetics Research International, 2012, 2012, 1-16.	2.0	78
1170	Cigarette-Smoke-Induced Dysregulation of MicroRNA Expression and Its Role in Lung Carcinogenesis. Pulmonary Medicine, 2012, 2012, 1-9.	0.5	33
1171	MicroRNA Regulation of Cholesterol Metabolism. Cholesterol, 2012, 2012, 1-8.	1.6	63
1172	STAT3 regulation of and by microRNAs in development and disease. Jak-stat, 2012, 1, 143-150.	2.2	32
1173	The Effect of Intra-articular Injection of MicroRNA-210 on Ligament Healing in a Rat Model. American Journal of Sports Medicine, 2012, 40, 2470-2478.	1.9	48
1174	PPARs in Liver Diseases and Cancer: Epigenetic Regulation by MicroRNAs. PPAR Research, 2012, 2012, 1-16.	1.1	53
1175	MicroRNAs as Active Players in the Pathogenesis of Multiple Sclerosis. International Journal of Molecular Sciences, 2012, 13, 13227-13239.	1.8	61
1176	Silencing of microRNA-122 enhances interferon-Î± signaling in the liver through regulating SOCS3 promoter methylation. Scientific Reports, 2012, 2, 637.	1.6	68
1177	Recent developments in bone anabolic therapy for osteoporosis. Expert Review of Endocrinology and Metabolism, 2012, 7, 677-685.	1.2	6
1178	Abstracts8th Annual Meeting of the Oligonucleotide Therapeutics SocietyBoston, MassachusettsOctober 28â€“31, 2012. Nucleic Acid Therapeutics, 2012, 22, A-1-A-16.	2.0	1
1179	The Expression Patterns and Clinical Significance of microRNAs in Liver Diseases and Hepatocellular Carcinoma. Current Pharmaceutical Design, 2012, 19, 1262-1272.	0.9	7
1180	Emerging Roles for Modulation of microRNA Signatures in Cancer Chemoprevention. Current Cancer Drug Targets, 2012, 12, 716-740.	0.8	39
1181	Targeted Therapy for Liver Cancer: Updated Review in 2012. Current Cancer Drug Targets, 2012, 12, 1062-1072.	0.8	3

#	Article	IF	Citations
1182	Antisense Technologies Targeting Fatty Acid Synthetic Enzymes. Recent Patents on Anti-Cancer Drug Discovery, 2012, 7, 198-206.	0.8	1
1183	The role and regulation of microRNAs in asthma. Current Opinion in Allergy and Clinical Immunology, 2012, 12, 49-52.	1.1	30
1184	Non-Coding RNAs as Therapeutic Targets in Hepatocellular Cancer. Current Cancer Drug Targets, 2012, 12, 1073-1080.	0.8	5
1185	RNAimmuno: A database of the nonspecific immunological effects of RNA interference and microRNA reagents. Rna, 2012, 18, 930-935.	1.6	35
1186	Accurate microRNA Target Prediction Using Detailed Binding Site Accessibility and Machine Learning on Proteomics Data. Frontiers in Genetics, 2012, 2, 103.	1.1	31
1187	Microvesicles/exosomes as potential novel biomarkers of metabolic diseases. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2012, 5, 247.	1.1	138
1188	Isolation and Identification of miRNAs in Jatropha curcas. International Journal of Biological Sciences, 2012, 8, 418-429.	2.6	26
1189	Current strategies for microRNA research. Modern Rheumatology, 2012, 22, 645-653.	0.9	12
1190	miR-122 regulates hepatic lipid metabolism and tumor suppression. Journal of Clinical Investigation, 2012, 122, 2773-2776.	3.9	104
1191	Strategies to deliver microRNAs as potential therapeutics in the treatment of cardiovascular pathology. Drug Delivery, 2012, 19, 392-405.	2.5	37
1192	A New Level of Complexity. Circulation Research, 2012, 110, 1000-1013.	2.0	95
1193	MicroRNA and cancer. Molecular Oncology, 2012, 6, 590-610.	2.1	963
1194	CCN2/CTGF increases expression of miR-302 microRNAs, which target the TGFÎ² type II receptor with implications for nephropathic cell phenotypes. Journal of Cell Science, 2012, 125, 5621-5629.	1.2	50
1195	MicroRNA therapeutics for cardiovascular disease: opportunities and obstacles. Nature Reviews Drug Discovery, 2012, 11, 860-872.	21.5	554
1196	MicroRNAs in Vascular and Metabolic Disease. Circulation Research, 2012, 110, 508-522.	2.0	223
1197	Interfering Nanoparticles for Silencing MicroRNAs. Methods in Enzymology, 2012, 509, 339-353.	0.4	16
1198	MicroRNA 138, let-7b, and 125a inhibitors differentially alter sleep and EEG delta-wave activity in rats. Journal of Applied Physiology, 2012, 113, 1756-1762.	1.2	36
1199	Spatiotemporal control of microRNA function using light-activated antagomirs. Molecular BioSystems, 2012, 8, 2987.	2.9	57

#	Article	IF	Citations
1200	Long-term, efficient inhibition of microRNA function in mice using rAAV vectors. Nature Methods, 2012, 9, 403-409.	9.0	188
1201	MicroRNA 486 is a potentially novel target for the treatment of spinal cord injury. Brain, 2012, 135, 1237-1252.	3.7	86
1202	MicroRNA-181a â€“ a tale of discrepancies. Expert Reviews in Molecular Medicine, 2012, 14, e5.	1.6	37
1203	Oligonucleotide Conjugates: Rationale, Synthesis, and Applications. , 2012, , 85-120.		3
1204	Silencing microRNA-134 produces neuroprotective and prolonged seizure-suppressive effects. Nature Medicine, 2012, 18, 1087-1094.	15.2	423
1205	microRNAs in skeletal muscle differentiation and disease. Clinical Science, 2012, 123, 611-625.	1.8	75
1206	Generation of miRNA sponge constructs. Methods, 2012, 58, 113-117.	1.9	95
1207	MicroRNAâ€Based Therapeutic Approaches in the Cardiovascular System. Cardiovascular Therapeutics, 2012, 30, e9-e15.	1.1	11
1208	MicroRNA-27a/b controls endothelial cell repulsion and angiogenesis by targeting semaphorin 6A. Blood, 2012, 119, 1607-1616.	0.6	211
1209	MyomiR-133 regulates brown fat differentiation through Prdm16. Nature Cell Biology, 2012, 14, 1330-1335.	4.6	224
1210	Molecular Pathways: MicroRNAs as Cancer Therapeutics. Clinical Cancer Research, 2012, 18, 4234-4239.	3.2	62
1212	An RNAâ€“Deaminase Conjugate Selectively Repairs Point Mutations. Angewandte Chemie - International Edition, 2012, 51, 11166-11169.	7.2	120
1213	Infectomics Screening for Novel Antiviral Drug Targets. Drug Development Research, 2012, 73, 365-380.	1.4	0
1214	MicroRNA expression profiles of seminoma from paraffin-embedded formalin-fixed tissue. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2012, 461, 663-668.	1.4	30
1215	Targeting Glioma Stem Cells by Functional Inhibition of a Prosurvival OncomiR-138 in Malignant Gliomas. Cell Reports, 2012, 2, 591-602.	2.9	92
1216	Designing Chemically Modified Oligonucleotides for Targeted Gene Silencing. Chemistry and Biology, 2012, 19, 937-954.	6.2	495
1217	Utility of micro-ribonucleic acid profile for predicting recurrence of rectal cancer. Journal of Surgical Research, 2012, 177, 87-92.	0.8	7
1218	Modulation of immune responses following solid organ transplantation by microRNA. Experimental and Molecular Pathology, 2012, 93, 378-385.	0.9	30

#	Article	IF	Citations
1219	Functional validation of microRNA-target RNA interactions. Methods, 2012, 58, 126-134.	1.9	22
1220	Aberrant microRNA expression and its implications in the pathogenesis of leukemias. Cellular Oncology (Dordrecht), 2012, 35, 317-334.	2.1	63
1221	miR-21 Regulates Skin Wound Healing by Targeting Multiple Aspects of the Healing Process. American Journal of Pathology, 2012, 181, 1911-1920.	1.9	159
1222	FGF Regulates TGF-Î² Signaling and Endothelial-to-Mesenchymal Transition via Control of let-7 miRNA Expression. Cell Reports, 2012, 2, 1684-1696.	2.9	265
1223	MicroRNA Circuits in Transforming Growth Factor-Î² Actions and Diabetic Nephropathy. Seminars in Nephrology, 2012, 32, 253-260.	0.6	44
1224	miR-15b and miR-16 induce the apoptosis of rat activated pancreatic stellate cells by targeting Bcl-2 inÂvitro. Pancreatology, 2012, 12, 91-99.	0.5	56
1225	Hepatitis C Virus Replication-Specific Inhibition of MicroRNA Activity with Self-Cleavable Allosteric Ribozyme. Nucleic Acid Therapeutics, 2012, 22, 17-29.	2.0	12
1226	miR-24 triggers epidermal differentiation by controlling actin adhesion and cell migration. Journal of Cell Biology, 2012, 199, 347-363.	2.3	87
1227	Chemical structure requirements and cellular targeting of microRNA-122 by peptide nucleic acids anti-miRs. Nucleic Acids Research, 2012, 40, 2152-2167.	6.5	105
1228	Discovering the first microRNA-targeted drug. Journal of Cell Biology, 2012, 199, 407-412.	2.3	256
1229	Physiological cardiac remodelling in response to endurance exercise training: cellular and molecular mechanisms. Heart, 2012, 98, 5-10.	1.2	218
1231	Novel regulatory mechanisms in inflammatory arthritis: a role for microRNA. Immunology and Cell Biology, 2012, 90, 288-292.	1.0	46
1232	Alternative Polyadenylation Mediates MicroRNA Regulation of Muscle Stem Cell Function. Cell Stem Cell, 2012, 10, 327-336.	5.2	133
1233	Muscle Satellite Cells Are Primed for Myogenesis but Maintain Quiescence with Sequestration of Myf5 mRNA Targeted by microRNA-31 in mRNP Granules. Cell Stem Cell, 2012, 11, 118-126.	5.2	282
1234	Suppression of hepatitis C virus replicon by adenovirus vector-mediated expression of tough decoy RNA against miR-122a. Virus Research, 2012, 165, 214-218.	1.1	18
1235	Small RNAs as Potential Platelet Therapeutics. Handbook of Experimental Pharmacology, 2012, , 435-445.	0.9	7
1236	Antisense-Mediated Reduction of Eukaryotic Noncoding RNAs. , 2012, , 191-214.		3
1237	Lipid Conjugated Oligonucleotides: A Useful Strategy for Delivery. Bioconjugate Chemistry, 2012, 23, 1091-1104.	1.8	131

#	Article	IF	Citations
1238	MicroRNAs involved in regulating epithelialâ€“mesenchymal transition and cancer stem cells as molecular targets for cancer therapeutics. Cancer Gene Therapy, 2012, 19, 723-730.	2.2	77
1239	Role of microRNAs in diabetes and its cardiovascular complications. Cardiovascular Research, 2012, 93, 583-593.	1.8	227
1240	Developing MicroRNA Therapeutics. Circulation Research, 2012, 110, 496-507.	2.0	464
1241	Synthetic MicroRNA Cassette Dosing: Pharmacokinetics, Tissue Distribution and Bioactivity. Molecular Pharmaceutics, 2012, 9, 1638-1644.	2.3	24
1242	Synthesis, Pairing, and Cellular Uptake Properties of C(6â€²)-Functionalized Tricyclo-DNA. Journal of Organic Chemistry, 2012, 77, 4566-4577.	1.7	18
1243	Synthesis and Pairing Properties of Oligodeoxynucleotides Containing Bicyclo-RNA and Bicyclo-ANA Modifications. Journal of Organic Chemistry, 2012, 77, 5861-5869.	1.7	23
1244	Disease-linked microRNA-21 exhibits drastically reduced mRNA binding and silencing activity in healthy mouse liver. Rna, 2012, 18, 1510-1526.	1.6	43
1245	Noncoding microRNAs: small RNAs play a big role in regulation of ADME?. Acta Pharmaceutica Sinica B, 2012, 2, 93-101.	5.7	46
1246	Expression profiling in vivo demonstrates rapid changes in liver microRNA levels of whitefish (Coregonus lavaretus) following microcystin-LR exposure. Aquatic Toxicology, 2012, 122-123, 188-196.	1.9	41
1247	MicroRNAs-based network: A novel therapeutic agent in pituitary adenoma. Medical Hypotheses, 2012, 78, 380-384.	0.8	25
1248	A MicroRNA Guide for Clinicians and Basic Scientists: Background and Experimental Techniques. Heart Lung and Circulation, 2012, 21, 131-142.	0.2	78
1249	Plant-derived polyphenols regulate expression of miRNA paralogs miR-103/107 and miR-122 and prevent diet-induced fatty liver disease in hyperlipidemic mice. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 894-899.	1.1	117
1250	miR-155 modulates TNF-Î±-inhibited osteogenic differentiation by targeting SOCS1 expression. Bone, 2012, 51, 498-505.	1.4	80
1251	MicroRNAs in Stress Signaling and Human Disease. Cell, 2012, 148, 1172-1187.	13.5	1,471
1252	A Resource for the Conditional Ablation of microRNAs in the Mouse. Cell Reports, 2012, 1, 385-391.	2.9	163
1253	IRE1Î± Cleaves Select microRNAs During ER Stress to Derepress Translation of Proapoptotic Caspase-2. Science, 2012, 338, 818-822.	6.0	550
1254	A statinâ€regulated microRNA represses human câ€Myc expression and function. EMBO Molecular Medicine, 2012, 4, 896-909.	3.3	91
1255	Formulation Approaches to Short Interfering RNA and MicroRNA: Challenges and Implications. Journal of Pharmaceutical Sciences, 2012, 101, 4046-4066.	1.6	70

#	Article	IF	Citations
1256	An emerging role for microRNAs in NF1 tumorigenesis. Human Genomics, 2012, 6, 23.	1.4	16
1257	MicroRNAs in B cell development and malignancy. Journal of Hematology and Oncology, 2012, 5, 7.	6.9	69
1258	MicroRNAs in control of cardiac hypertrophy. Cardiovascular Research, 2012, 93, 563-572.	1.8	135
1259	miRNAs and neural stem cells: A team to treat Parkinson's disease?. RNA Biology, 2012, 9, 720-730.	1.5	15
1260	MicroRNAs in breast cancer initiation and progression. Cellular and Molecular Life Sciences, 2012, 69, 3587-3599.	2.4	70
1261	miR-206 regulates the growth of the teleost tilapia (Oreochromis niloticus) through the modulation of IGF-1 gene expression. Journal of Experimental Biology, 2013, 216, 1265-9.	0.8	65
1262	Nutrition, Epigenetics, and Metabolic Syndrome. Antioxidants and Redox Signaling, 2012, 17, 282-301.	2.5	227
1263	The Long and Short of MicroRNAs in the Kidney. Journal of the American Society of Nephrology: JASN, 2012, 23, 400-404.	3.0	43
1264	MicroRNAs in acute leukemia: from biological players to clinical contributors. Leukemia, 2012, 26, 1-12.	3.3	123
1265	MicroRNAâ€“target interactions: new insights from genomeâ€wide approaches. Annals of the New York Academy of Sciences, 2012, 1271, 118-128.	1.8	51
1266	Exploiting Drosophila Genetics to Understand MicroRNA Function and Regulation. Current Topics in Developmental Biology, 2012, 99, 201-235.	1.0	20
1267	Recent trends in cancer drug resistance reversal strategies using nanoparticles. Expert Opinion on Drug Delivery, 2012, 9, 287-301.	2.4	42
1268	Cell Biology of Ischemia/Reperfusion Injury. International Review of Cell and Molecular Biology, 2012, 298, 229-317.	1.6	1,543
1269	miRNAs in breast cancer: ready for real time?. Pharmacogenomics, 2012, 13, 709-719.	0.6	14
1270	Long non-coding RNAs and cancer: a new frontier of translational research?. Oncogene, 2012, 31, 4577-4587.	2.6	910
1271	Regulatory Pathways for ATP-binding Cassette Transport Proteins in Kidney Proximal Tubules. AAPS Journal, 2012, 14, 883-894.	2.2	56
1272	MicroRNAs Shape the Neuronal Landscape. Neuron, 2012, 75, 363-379.	3.8	255
1273	MicroRNAs in Liver Disease. Gastroenterology, 2012, 142, 1431-1443.	0.6	248

#	Article	IF	Citations
1274	RNAi-based nanomedicines for targeted personalized therapy. Advanced Drug Delivery Reviews, 2012, 64, 1508-1521.	6.6	147
1275	Review of MiR-200b and cancer chemosensitivity. Biomedicine and Pharmacotherapy, 2012, 66, 397-402.	2.5	73
1276	New targets for treatment against HCV infection. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2012, 26, 505-515.	1.0	1
1277	Targeting miR-506 in primary biliary cirrhosis to support the HCO3â˜ umbrella. Clinics and Research in Hepatology and Gastroenterology, 2012, 36, 402-404.	0.7	2
1278	Primitive Erythropoiesis Is Regulated by miR-126 via Nonhematopoietic Vcam-1+ Cells. Developmental Cell, 2012, 23, 45-57.	3.1	38
1279	Gene targeting in primary human trophoblasts. Placenta, 2012, 33, 754-762.	0.7	7
1280	MicroRNAs: Small but amazing, and their association with endothelin. Life Sciences, 2012, 91, 475-489.	2.0	23
1281	miR-513a-3p sensitizes human lung adenocarcinoma cells to chemotherapy by targeting GSTP1. Lung Cancer, 2012, 77, 488-494.	0.9	76
1282	MicroRNAs in parasitic diseases: Potential for diagnosis and targeting. Molecular and Biochemical Parasitology, 2012, 186, 81-86.	0.5	81
1283	Circulating microRNA-122 as a potential biomarker for liver injury. Molecular Medicine Reports, 2012, 5, 1428-32.	1.1	67
1284	Translational study of microRNAs and its application in kidney disease and hypertension research. Clinical Science, 2012, 122, 439-447.	1.8	20
1285	Maintenance of muscle stem-cell quiescence by microRNA-489. Nature, 2012, 482, 524-528.	13.7	393
1286	Innate Immunity and Alcoholic Liver Disease. Digestive Diseases, 2012, 30, 55-60.	0.8	93
1287	Little things on which happiness depends: microRNAs as novel therapeutic targets for the treatment of anxiety and depression. Molecular Psychiatry, 2012, 17, 359-376.	4.1	128
1288	Rapid Generation of MicroRNA Sponges for MicroRNA Inhibition. PLoS ONE, 2012, 7, e29275.	1.1	125
1289	MicroRNAs in Rheumatoid Arthritis. BioDrugs, 2012, 26, 131-141.	2.2	89
1290	miRNAs as biomarkers in prostate cancer. Clinical and Translational Oncology, 2012, 14, 803-811.	1.2	45
1291	Synthesis of 6-amino-2-vinylpurine derivatives for cross-linking and evaluation of the reactivity. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 6957-6961.	1.0	6

#	Article	IF	Citations
1292	Non-cardiomyocyte microRNAs in heart failure. Cardiovascular Research, 2012, 93, 573-582.	1.8	84
1293	microRNA expression signature in skeletal muscle of Nile tilapia. Aquaculture, 2012, 364-365, 240-246.	1.7	24
1294	Silencing of miR20a Is Crucial for Ngn1-Mediated Neuroprotection in Injured Spinal Cord. Human Gene Therapy, 2012, 23, 508-520.	1.4	58
1296	The miRNA-212/132 family regulates both cardiac hypertrophy and cardiomyocyte autophagy. Nature Communications, 2012, 3, 1078.	5.8	518
1297	MiR-200b and miR-15b regulate chemotherapy-induced epithelial-mesenchymal transition in human tongue cancer cells by targeting BMI1. Oncogene, 2012, 31, 432-445.	2.6	236
1298	Liver Stem Cells. Methods in Molecular Biology, 2012, , .	0.4	1
1299	Fluorescence quenching of gold nanoparticles integrating with a conformation-switched hairpin oligonucleotide probe for microRNA detection. Chemical Communications, 2012, 48, 10718.	2.2	63
1300	Polymer Nanoparticle-Mediated Delivery of MicroRNA Inhibition and Alternative Splicing. Molecular Pharmaceutics, 2012, 9, 1481-1488.	2.3	84
1302	Developing microRNA Therapeutics: Approaching the Unique Complexities. Nucleic Acid Therapeutics, 2012, 22, 213-225.	2.0	52
1304	Preferential regulation of stably expressed genes in the human genome suggests a widespread expression buffering role of microRNAs. BMC Genomics, 2012, 13, S14.	1.2	14
1305	Cardiac MicroRNAs. , 2012, , 341-351.		0
1306	Plasma levels of lipometabolism-related miR-122 and miR-370 are increased in patients with hyperlipidemia and associated with coronary artery disease. Lipids in Health and Disease, 2012, 11, 55.	1.2	164
1307	Roles of microRNA on cancer cell metabolism. Journal of Translational Medicine, 2012, 10, 228.	1.8	167
1308	Modeling of miRNA and Drug Action in the EGFR Signaling Pathway. PLoS ONE, 2012, 7, e30140.	1.1	11
1309	Microbial Pattern Recognition Causes Distinct Functional Micro-RNA Signatures in Primary Human Monocytes. PLoS ONE, 2012, 7, e31151.	1.1	21
1310	Polypyrimidine Tract Binding Protein (hnRNP I) Is Possibly a Conserved Modulator of miRNA-Mediated Gene Regulation. PLoS ONE, 2012, 7, e33144.	1.1	22
1311	MicroRNA-22 Can Reduce Parathymosin Expression in Transdifferentiated Hepatocytes. PLoS ONE, 2012, 7, e34116.	1.1	5
1312	Deletion of Dicer in Smooth Muscle Affects Voiding Pattern and Reduces Detrusor Contractility and Neuroeffector Transmission. PLoS ONE, 2012, 7, e35882.	1.1	28

#	Article	IF	Citations
1313	MicroRNA 10a Marks Regulatory T Cells. PLoS ONE, 2012, 7, e36684.	1.1	94
1314	Overexpression of miR-142-5p and miR-155 in Gastric Mucosa-Associated Lymphoid Tissue (MALT) Lymphoma Resistant to Helicobacter pylori Eradication. PLoS ONE, 2012, 7, e47396.	1.1	101
1315	MicroRNAs and the pathogenesis of endometriosis. Journal of Endometriosis, 2012, 4, 1-16.	1.0	9
1316	The Dual Role of TGFÎ² in Human Cancer: From Tumor Suppression to Cancer Metastasis. , 2012, 2012, 1-28.		275
1317	Approaches to Autoimmune Diseases Using Epigenetic Therapy. , 2012, , 225-251.		0
1318	MicroRNAs â€“ Important Molecules in Lung Cancer Research. Frontiers in Genetics, 2011, 2, 104.	1.1	50
1319	Functional Studies of microRNAs in Neural Stem Cells: Problems and Perspectives. Frontiers in Neuroscience, 2012, 6, 14.	1.4	27
1320	Cancer Stem Cell as a Potential Therapeutic Target in Hepatocellular Carcinoma. Current Cancer Drug Targets, 2012, 12, 1081-1094.	0.8	28
1321	RNAi Towards Functional Genomics Studies. , 0, , .		0
1322	DNA Methylation, Stem Cells and Cancer. , 0, , .		2
1323	Apoptosis as a Therapeutic Target in Cancer and Cancer Stem Cells: Novel Strategies and Futures Perspectives. , 0, , .		2
1324	MicroRNAs: um novo paradigma no tratamento e diagnÃ³stico da insuficiÃªncia cardÃaca?. Arquivos Brasileiros De Cardiologia, 2012, 98, 362-370.	0.3	37
1325	MicroRNAs Telltale Effects on Signaling Networks in Cardiomyopathy. , 2012, , .		0
1326	miR-21 and let-7 in the Ras and NF-ÎºB Pathways. MicroRNA (Shariqah, United Arab Emirates), 2012, 1, 65-69.	0.6	27
1327	Current and novel drug therapies for idiopathic pulmonary fibrosis. Drug Design, Development and Therapy, 2012, 6, 261.	2.0	44
1328	MicroRNA-155 Functions as a Negative Regulator of RhoA Signaling in TGF-Î²-induced Endothelial to Mesenchymal Transition. MicroRNA (Shariqah, United Arab Emirates), 2012, 1, 2-10.	0.6	42
1329	Silencing disease genes in the laboratory and the clinic. Journal of Pathology, 2012, 226, 365-379.	2.1	349
1330	Regenerative medicine and connective tissues: cartilage versus tendon. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 337-347.	1.3	18

#	Article	IF	Citations
1331	MicroRNA degradation and turnover: regulating the regulators. Wiley Interdisciplinary Reviews RNA, 2012, 3, 593-600.	3.2	132
1332	MicroRNAs in inflammation and immune responses. Leukemia, 2012, 26, 404-413.	3.3	198
1333	MicroRNAs in diabetes and diabetes-associated complications. RNA Biology, 2012, 9, 820-827.	1.5	54
1334	The Chemistry and Biology of Oligonucleotide Conjugates. Accounts of Chemical Research, 2012, 45, 1067-1076.	7.6	107
1335	Angiogenic microRNAâ€210 is present in cells surrounding osteonecrosis. Journal of Orthopaedic Research, 2012, 30, 1263-1270.	1.2	52
1336	MicroRNA dysregulation in cancer: diagnostics, monitoring and therapeutics. A comprehensive review. EMBO Molecular Medicine, 2012, 4, 143-159.	3.3	1,481
1337	Repression of miRâ€142 by p300 and MAPK is required for survival signalling via gp130 during adaptive hypertrophy. EMBO Molecular Medicine, 2012, 4, 617-632.	3.3	93
1338	Liver tumorigenicity promoted by microRNA-221 in a mouse transgenic model. Hepatology, 2012, 56, 1025-1033.	3.6	150
1339	microRNAs in Ischemic Brain: The Fine-Tuning Specialists and Novel Therapeutic Targets. , 2012, , 335-352.		1
1340	Progress Toward In Vivo Use of siRNAs-II. Molecular Therapy, 2012, 20, 483-512.	3.7	210
1341	MicroRNAs in metabolism and metabolic disorders. Nature Reviews Molecular Cell Biology, 2012, 13, 239-250.	16.1	984
1343	Nanoparticle-based therapy in an in vivo microRNA-155 (miR-155)-dependent mouse model of lymphoma. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1695-704.	3.3	439
1344	microRNA regulation of cell viability and drug sensitivity in lung cancer. Expert Opinion on Biological Therapy, 2012, 12, 1221-1239.	1.4	40
1345	Determination of MiRNA Targets in Skeletal Muscle Cells. Methods in Molecular Biology, 2012, 798, 475-490.	0.4	16
1346	Cellular Uptake and Intracellular Trafficking of Antisense and siRNA Oligonucleotides. Bioconjugate Chemistry, 2012, 23, 147-157.	1.8	167
1347	MiR-122 in hepatic function and liver diseases. Protein and Cell, 2012, 3, 364-371.	4.8	188
1348	MiRNA-140 is a negative feedback regulator of MMP-13 in IL-1Î²-stimulated human articular chondrocyte C28/I2 cells. Inflammation Research, 2012, 61, 503-509.	1.6	70
1350	MicroRNAs and lung cancers: from pathogenesis to clinical implications. Frontiers of Medicine, 2012, 6, 134-155.	1.5	46

#	Article	IF	Citations
1351	MicroRNAs and Diabetic Complications. Journal of Cardiovascular Translational Research, 2012, 5, 413-422.	1.1	84
1352	Role of miR-21 in the pathogenesis of atrial fibrosis. Basic Research in Cardiology, 2012, 107, 278.	2.5	227
1353	Lymphocyte signaling: regulation of FoxO transcription factors by microRNAs. Annals of the New York Academy of Sciences, 2012, 1247, 46-55.	1.8	23
1354	MicroRNAs as novel players in skin development, homeostasis and disease. British Journal of Dermatology, 2012, 166, 22-28.	1.4	103
1355	Current trends in miRNAs and their relationship with oral squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2012, 41, 433-443.	1.4	22
1356	VHL-Regulated MiR-204 Suppresses Tumor Growth through Inhibition of LC3B-Mediated Autophagy in Renal Clear Cell Carcinoma. Cancer Cell, 2012, 21, 532-546.	7.7	290
1357	Targeting microRNAs in neurons: Tools and perspectives. Experimental Neurology, 2012, 235, 419-426.	2.0	22
1358	Advances in microRNA experimental approaches to study physiological regulation of gene products implicated in CNS disorders. Experimental Neurology, 2012, 235, 402-418.	2.0	36
1359	LidNA, a novel miRNA inhibitor constructed with unmodified DNA. FEBS Letters, 2012, 586, 1529-1532.	1.3	10
1360	Inhibition of cancer stem cell-like properties and reduced chemoradioresistance of glioblastoma using microRNA145 with cationic polyurethane-short branch PEI. Biomaterials, 2012, 33, 1462-1476.	5.7	219
1361	Exploiting microRNAs for cell engineering and therapy. Biotechnology Advances, 2012, 30, 753-765.	6.0	27
1362	Double-stranded oligonucleotides containing 5-aminomethyl-2â€²-deoxyuridine form thermostable anti-parallel triplexes with single-stranded DNA or RNA. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2681-2683.	1.0	4
1363	miRâ€210: The Master Hypoxamir. Microcirculation, 2012, 19, 215-223.	1.0	308
1364	MicroRNAs as components of regulatory networks controlling erythropoiesis. European Journal of Haematology, 2012, 89, 1-9.	1.1	17
1365	MicroRNA regulation in experimental autoimmune encephalomyelitis in mice and marmosets resembles regulation in human multiple sclerosis lesions. Journal of Neuroimmunology, 2012, 246, 27-33.	1.1	47
1366	Nonalcoholic fatty liver disease is associated with an altered hepatocyte microRNA profile in LDL receptor knockout mice. Journal of Nutritional Biochemistry, 2012, 23, 622-628.	1.9	52
1367	MicroRNA-mediated regulation in the mammalian circadian rhythm. Journal of Theoretical Biology, 2012, 304, 103-110.	0.8	29
1368	MicroRNAs in neurodegenerative diseases and their therapeutic potential. , 2012, 133, 142-150.		186

#	Article	IF	Citations
1369	Inhibition of microRNA function by antimiR oligonucleotides. Silence: A Journal of RNA Regulation, 2012, 3, 1.	8.0	456
1370	Antagonism of microRNA Function in Zebrafish Embryos by Using Locked Nucleic Acid Enzymes (LNAzymes). ChemBioChem, 2012, 13, 584-589.	1.3	14
1371	Supramolecular Systems Based on Novel Monoâ€•and Dicationic Pyrimidinic Amphiphiles and Oligonucleotides: A Selfâ€Organization and Complexation Study. ChemPhysChem, 2012, 13, 788-796.	1.0	39
1372	MicroRNA therapeutics in cardiovascular medicine. EMBO Molecular Medicine, 2012, 4, 3-14.	3.3	173
1373	MicroRNA-194 is a target of transcription factor 1 (Tcf1, HNF1Î±) in adult liver and controls expression of frizzled-6. Hepatology, 2012, 55, 98-107.	3.6	48
1374	Loss of microRNA 122 expression in patients with hepatitis B enhances hepatitis B virus replication through cyclin G1-modulated P53 activity. Hepatology, 2012, 55, 730-741.	3.6	227
1375	MicroRNAs in the midst of myeloid signal transduction. Journal of Cellular Physiology, 2012, 227, 525-533.	2.0	2
1376	Hepatocyte-derived microRNAs as serum biomarkers of hepatic injury and rejection after liver transplantation. Liver Transplantation, 2012, 18, 290-297.	1.3	177
1377	The Tuberculosis Drug Streptomycin as a Potential Cancer Therapeutic: Inhibition of miRâ€21 Function by Directly Targeting Its Precursor. Angewandte Chemie - International Edition, 2012, 51, 1019-1023.	7.2	154
1378	MicroRNAs in Hypertension: Mechanisms and Therapeutic Targets. Current Hypertension Reports, 2012, 14, 79-87.	1.5	125
1379	Noncoding RNAs: Different roles in tumorigenesis. Science Bulletin, 2012, 57, 959-965.	1.7	9
1380	MicroRNA networks direct neuronal development and plasticity. Cellular and Molecular Life Sciences, 2012, 69, 89-102.	2.4	202
1381	Regulation of cholesterol homeostasis. Cellular and Molecular Life Sciences, 2012, 69, 915-930.	2.4	155
1382	The potential role of microRNAs in regulating gonadal sex differentiation in the chicken embryo. Chromosome Research, 2012, 20, 201-213.	1.0	43
1383	MicroRNA-21: a ubiquitously expressed pro-survival factor in cancer and other diseases. Molecular and Cellular Biochemistry, 2012, 360, 147-158.	1.4	67
1384	Role of microRNAs in endothelial inflammation and senescence. Molecular Biology Reports, 2012, 39, 4509-4518.	1.0	88
1385	MicroRNAs in adipose tissue: their role in adipogenesis and obesity. International Journal of Obesity, 2013, 37, 325-332.	1.6	141
1386	MicroRNA-27b is a regulatory hub in lipid metabolism and is altered in dyslipidemia. Hepatology, 2013, 57, 533-542.	3.6	196

#	Article	IF	Citations
1387	Stem cell MicroRNAs in senescence and immortalization: novel players in cancer therapy. Medicinal Research Reviews, 2013, 33, 112-138.	5.0	14
1388	cWords - systematic microRNA regulatory motif discovery from mRNA expression data. Silence: A Journal of RNA Regulation, 2013, 4, 2.	8.0	35
1389	Targeting translational control as a novel way to treat inflammatory disease: the emerging role of MicroRNAs. Clinical and Experimental Allergy, 2013, 43, 981-999.	1.4	51
1390	Deciphering microRNA code in pain and inflammation: lessons from bladder pain syndrome. Cellular and Molecular Life Sciences, 2013, 70, 3773-3789.	2.4	46
1391	Caloric Restriction-Mediated Induction of Lipid Metabolism Gene Expression in Liver is Enhanced by Keap1-Knockdown. Pharmaceutical Research, 2013, 30, 2221-2231.	1.7	11
1392	New Advances on Disease Biomarkers and Molecular Targets in Biomedicine. , 2013, , .		0
1393	Intracellular Delivery Considerations for RNAi Therapeutics. Advances in Delivery Science and Technology, 2013, , 79-95.	0.4	0
1394	MicroRNA Cancer Regulation. Advances in Experimental Medicine and Biology, 2013, , .	0.8	17
1395	MicroRNAs and Metabolism Crosstalk in Energy Homeostasis. Cell Metabolism, 2013, 18, 312-324.	7.2	186
1396	Small RNA drugs for prion disease: a new frontier. Expert Opinion on Drug Discovery, 2013, 8, 1265-1284.	2.5	7
1397	miRNA and mRNA expression profiling identifies members of the miR-200 family as potential regulators of epithelialâ€“mesenchymal transition in pterygium. Experimental Eye Research, 2013, 115, 189-198.	1.2	61
1398	A genome-wide integrative study of microRNAs in human liver. BMC Genomics, 2013, 14, 395.	1.2	39
1399	Dynamic recruitment of microRNAs to their mRNA targets in the regenerating liver. BMC Genomics, 2013, 14, 264.	1.2	59
1400	The Mix of Two Worlds: Non-Coding RNAs and Hormones. Nucleic Acid Therapeutics, 2013, 23, 2-8.	2.0	45
1401	Functional characteristics of a double negative feedback loop mediated by microRNAs. Cognitive Neurodynamics, 2013, 7, 417-429.	2.3	20
1402	Towards microRNA-based therapeutics for diabetic nephropathy. Diabetologia, 2013, 56, 444-456.	2.9	29
1403	microRNA in the control of stem-like phenotype of cancer cells. Open Life Sciences, 2013, 8, 931-942.	0.6	3
1404	Improving panicle exsertion of rice cytoplasmic male sterile line by combination of artificial micro<scp>RNA</scp> and artificial target mimic. Plant Biotechnology Journal, 2013, 11, 336-343.	4.1	28

#	Article	IF	Citations
1405	Epigenetic disorder plays a fundamental role in the etiology of type 2 diabetes. Wuhan University Journal of Natural Sciences, 2013, 18, 9-19.	0.2	2
1406	A New Strategy for Treatment of Liver Fibrosis. BioDrugs, 2013, 27, 25-34.	2.2	30
1407	The Therapeutic Potential of miRNAs in Cardiac Fibrosis: Where Do We Stand?. Journal of Cardiovascular Translational Research, 2013, 6, 899-908.	1.1	22
1408	The Non-coding Road Towards Cardiac Regeneration. Journal of Cardiovascular Translational Research, 2013, 6, 909-923.	1.1	10
1409	Recent advances in 2D and 3D in vitro systems using primary hepatocytes, alternative hepatocyte sources and non-parenchymal liver cells and their use in investigating mechanisms of hepatotoxicity, cell signaling and ADME. Archives of Toxicology, 2013, 87, 1315-1530.	1.9	1,089
1410	From evolution to revolution: miRNAs as pharmacological targets for modulating cholesterol efflux and reverse cholesterol transport. Pharmacological Research, 2013, 75, 60-72.	3.1	40
1411	The Crosslink Formation of 2â€²â€OMe Oligonucleotide Containing 2â€Aminoâ€6â€vinylpurine Protects mRNA from miRNAâ€Mediated Silencing. ChemBioChem, 2013, 14, 1427-1429.	1.3	20
1412	Next Generation Sequencing in Cancer Research. , 2013, , .		5
1413	MicroRNA rules: Made to be broken. Frontiers in Biology, 2013, 8, 468-474.	0.7	2
1414	miRNA-Based Therapeutic Strategies. Current Pathobiology Reports, 2013, 1, 63-70.	1.6	59
1415	MicroRNAs and Cardiovascular Disease. Current Genetic Medicine Reports, 2013, 1, 30-38.	1.9	14
1416	Regulation of cardiac and renal ischemiaâ€“reperfusion injury by microRNAs. Free Radical Biology and Medicine, 2013, 64, 78-84.	1.3	54
1417	Breast Cancer Metastasis and Drug Resistance. , 2013, , .		12
1418	Epigenetic regulation of hepatocellular carcinoma in non-alcoholic fatty liver disease. Seminars in Cancer Biology, 2013, 23, 471-482.	4.3	88
1419	Thioredoxin-interacting protein regulates insulin transcription through microRNA-204. Nature Medicine, 2013, 19, 1141-1146.	15.2	240
1420	MicroRNAs that affect prostate cancer: emphasis on prostate cancer in African Americans. Biotechnic and Histochemistry, 2013, 88, 410-424.	0.7	18
1421	The Hypoxia-Inducible MicroRNA Cluster miR-199aâˆ¼214 Targets Myocardial PPARÎ´ and Impairs Mitochondrial Fatty Acid Oxidation. Cell Metabolism, 2013, 18, 341-354.	7.2	193
1422	MicroRNA modulation of lipid metabolism and oxidative stress in cardiometabolic diseases. Free Radical Biology and Medicine, 2013, 64, 31-39.	1.3	57

#	Article	IF	Citations
1423	Improved Performance of Anti-miRNA Oligonucleotides Using a Novel Non-Nucleotide Modifier. Molecular Therapy - Nucleic Acids, 2013, 2, e117.	2.3	121
1424	Microparticles and microRNAs: new players in the complex field of coagulation. Internal and Emergency Medicine, 2013, 8, 291-296.	1.0	32
1425	Use of human specimens in research: the evolving United States regulatory, policy, and scientific landscape. Diagnostic Histopathology, 2013, 19, 322-330.	0.2	27
1426	Overexpression of microRNA-223 in rheumatoid arthritis synovium controls osteoclast differentiation. Modern Rheumatology, 2013, 23, 674-685.	0.9	107
1427	Multi channel screen printed array of electrodes for enzyme-linked voltammetric detection of MicroRNAs. Sensors and Actuators B: Chemical, 2013, 188, 1089-1095.	4.0	43
1429	CHO microRNA engineering is growing up: Recent successes and future challenges. Biotechnology Advances, 2013, 31, 1501-1513.	6.0	77
1430	Clinical Implication of MicroRNAs in Molecular Pathology. Clinics in Laboratory Medicine, 2013, 33, 773-786.	0.7	19
1431	Allâ€™s well that transcribes well: Non-coding RNAs and post-stroke brain damage. Neurochemistry International, 2013, 63, 438-449.	1.9	61
1432	Hepatic Loss of miR-122 Predisposes Mice to Hepatobiliary Cyst and Hepatocellular Carcinoma upon Diethylnitrosamine Exposure. American Journal of Pathology, 2013, 183, 1719-1730.	1.9	26
1433	MicroRNAs Involved in Anti-Tumour Immunity. International Journal of Molecular Sciences, 2013, 14, 5587-5607.	1.8	14
1434	microRNAs in cardiac regeneration and cardiovascular disease. Science China Life Sciences, 2013, 56, 907-913.	2.3	17
1435	MicroRNAs and other non-coding RNAs as targets for anticancer drug development. Nature Reviews Drug Discovery, 2013, 12, 847-865.	21.5	1,234
1436	Non-coding RNAs in Cardiac Remodeling and Heart Failure. Circulation Research, 2013, 113, 676-689.	2.0	225
1437	Role of microRNAs in cardiac remodelling: New insights and future perspectives. International Journal of Cardiology, 2013, 167, 1651-1659.	0.8	67
1438	Inhibition of microRNA122 decreases SREBP1 expression by modulating suppressor of cytokine signaling 3 expression. Biochemical and Biophysical Research Communications, 2013, 438, 230-235.	1.0	18
1439	MicroRNAs Transfer from Human Macrophages to Hepato-Carcinoma Cells and Inhibit Proliferation. Journal of Immunology, 2013, 191, 6250-6260.	0.4	211
1440	Caged oligonucleotides for bidirectional photomodulation of let-7 miRNA in zebrafish embryos. Bioorganic and Medicinal Chemistry, 2013, 21, 6198-6204.	1.4	47
1441	Micromanaging Hepatitis C Virus. New England Journal of Medicine, 2013, 368, 1741-1743.	13.9	20

#	Article	IF	Citations
1442	Roles of Micro-RNAs in Metabolism. , 2013, , 191-194.		0
1444	Modulation of microRNAs in hypertension-induced arterial remodeling through the Î²1 and Î²3-adrenoreceptor pathways. Journal of Molecular and Cellular Cardiology, 2013, 65, 127-136.	0.9	39
1445	MicroRNA-146a in autoimmunity and innate immune responses. Annals of the Rheumatic Diseases, 2013, 72, ii90-ii95.	0.5	74
1446	Synthesis and delivery of short, noncoding RNA by B lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20182-20187.	3.3	24
1447	Î³-Herpesvirus-encoded miRNAs and their roles in viral biology and pathogenesis. Current Opinion in Virology, 2013, 3, 266-275.	2.6	71
1448	MiR-451 inhibits cell growth and invasion by targeting MIF and is associated with survival in nasopharyngeal carcinoma. Molecular Cancer, 2013, 12, 123.	7.9	104
1449	Epigenetics and ncRNAs in Brain Function and Disease: Mechanisms and Prospects for Therapy. Neurotherapeutics, 2013, 10, 621-631.	2.1	45
1450	MicroRNA: a prognostic biomarker and a possible druggable target for circumventing multidrug resistance in cancer chemotherapy. Journal of Biomedical Science, 2013, 20, 99.	2.6	66
1451	Current status of miRNA-targeting therapeutics and preclinical studies against gastroenterological carcinoma. Molecular and Cellular Therapies, 2013, 1, 5.	0.2	32
1452	MicroRNAs in Cardiovascular Health: From Order to Disorder. Endocrinology, 2013, 154, 4000-4009.	1.4	22
1453	Therapeutic Application of MicroRNAs in Cancer. Advances in Delivery Science and Technology, 2013, , 299-314.	0.4	2
1454	Effects of vitamin E on expressions of eight microRNAs in the liver of Nile tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.6	38
1455	<scp>MiR</scp>â€383 is Downregulated in Medulloblastoma and Targets Peroxiredoxin 3 (<scp>PRDX3</scp>). Brain Pathology, 2013, 23, 413-425.	2.1	71
1456	The Grainyhead transcription factor Grhl3/Get1 suppresses miR-21 expression and tumorigenesis in skin: modulation of the miR-21 target MSH2 by RNA-binding protein DND1. Oncogene, 2013, 32, 1497-1507.	2.6	66
1458	Progress in microRNA delivery. Journal of Controlled Release, 2013, 172, 962-974.	4.8	517
1459	MiRNA-20 and mirna-106a regulate spermatogonial stem cell renewal at the post-transcriptional level via targeting STAT3 and Ccnd1. Stem Cells, 2013, 31, 2205-2217.	1.4	148
1460	Serum micro<scp>RNA</scp>â€122 kinetics in patients with chronic hepatitis <scp>C</scp> virus infection during antiviral therapy. Journal of Viral Hepatitis, 2013, 20, 530-535.	1.0	37
1461	Inhibition of Hepatitis C Virus (HCV) Replication by Specific RNA Aptamers against HCV NS5B RNA Replicase. Journal of Virology, 2013, 87, 7064-7074.	1.5	51

#	Article	IF	Citations
1462	SREBP: a novel therapeutic target. Acta Biochimica Et Biophysica Sinica, 2013, 45, 2-10.	0.9	110
1463	Controlling Cholesterol Synthesis beyond 3-Hydroxy-3-methylglutaryl-CoA Reductase (HMGCR). Journal of Biological Chemistry, 2013, 288, 18707-18715.	1.6	277
1464	Non-Coding RNAs: The â€œDark Matterâ€•of Cardiovascular Pathophysiology. International Journal of Molecular Sciences, 2013, 14, 19987-20018.	1.8	63
1465	In Vivo Suppression of MicroRNA-24 Prevents the Transition Toward Decompensated Hypertrophy in Aortic-Constricted Mice. Circulation Research, 2013, 112, 601-605.	2.0	84
1466	PEGylated reduced graphene oxide as a superior ssRNA delivery system. Journal of Materials Chemistry B, 2013, 1, 749-755.	2.9	106
1467	Synthesis and structural studies of S-type/N-type-locked/frozen nucleoside analogues and their incorporation in RNA-selective, nuclease resistant 2â€²â€“5â€² linked oligonucleotides. Organic and Biomolecular Chemistry, 2013, 11, 746-757.	1.5	10
1468	Insect MicroRNAs: Biogenesis, expression profiling and biological functions. Insect Biochemistry and Molecular Biology, 2013, 43, 24-38.	1.2	156
1469	Joint analysis of miRNA and mRNA expression data. Briefings in Bioinformatics, 2013, 14, 263-278.	3.2	104
1470	Lipids and HCV. Seminars in Immunopathology, 2013, 35, 87-100.	2.8	89
1471	MicroRNAs in renal development. Pediatric Nephrology, 2013, 28, 219-225.	0.9	29
1472	MicroRNA regulation of cardiac conduction and arrhythmias. Translational Research, 2013, 161, 381-392.	2.2	110
1473	RNA viruses and the host microRNA machinery. Nature Reviews Microbiology, 2013, 11, 169-180.	13.6	121
1474	<scp>MicroRNAs</scp>, transforming growth factor betaâ€1, and tissue fibrosis. Journal of Pathology, 2013, 229, 274-285.	2.1	148
1475	Proteomics for understanding miRNA biology. Proteomics, 2013, 13, 558-567.	1.3	21
1476	Nucleoterpenes of Thymidine and 2â€²â€Deoxyinosine: Synthons for a Biomimetic Lipophilization of Oligonucleotides. Chemistry and Biodiversity, 2013, 10, 39-61.	1.0	14
1477	Diagnostic and prognostic significance of miRNA signatures in tissues and plasma of endometrioid endometrial carcinoma patients. International Journal of Cancer, 2013, 132, 1633-1645.	2.3	129
1478	Phosphoâ€Î”Np63Î±â€dependent microRNAs modulate chemoresistance of squamous cell carcinoma cells to cisplatin: At the crossroads of cell life and death. FEBS Letters, 2013, 587, 2536-2541.	1.3	16
1479	MicroRNA-145 Targets the Metalloprotease ADAM17 and Is Suppressed in Renal Cell Carcinoma Patients. Neoplasia, 2013, 15, 218-IN31.	2.3	92

#	Article	IF	Citations
1480	MicroRNA and disease models: focus on cardiac fibrosis. Drug Discovery Today: Disease Models, 2013, 10, e115-e119.	1.2	0
1481	Extracellular delivery of modified oligonucleotide and superparamagnetic iron oxide nanoparticles from a degradable hydrogel triggered by tumor acidosis. Biomaterials, 2013, 34, 4387-4393.	5.7	38
1482	Perspectives in targeting miRNA function. Bioorganic and Medicinal Chemistry, 2013, 21, 6115-6118.	1.4	23
1483	Destination Known: Targeted Drug Delivery in Atherosclerosis and Thrombosis. Drug Development Research, 2013, 74, 460-471.	1.4	16
1485	Nfat and miR-25 cooperate to reactivate the transcription factor Hand2 in heart failure. Nature Cell Biology, 2013, 15, 1282-1293.	4.6	126
1486	The flavonoid apigenin improves glucose tolerance through inhibition of microRNA maturation in miRNA103 transgenic mice. Scientific Reports, 2013, 3, 2553.	1.6	67
1487	Decreased level of intracellular cholesterol in peripheral blood mononuclear cells is associated with chronic hepatitis C virus infection. Virus Research, 2013, 178, 539-542.	1.1	3
1488	Hepatic and serum levels of miR-122 after chronic HCV-induced fibrosis. Journal of Hepatology, 2013, 58, 234-239.	1.8	154
1489	Xanthone derivatives as potential inhibitors of miRNA processing by human Dicer: Targeting secondary structures of pre-miRNA by small molecules. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 252-255.	1.0	37
1490	Correlation of MicroRNA-145 Levels and Clinical Severity of Pterygia. Ocular Surface, 2013, 11, 133-138.	2.2	30
1491	The importance of oncogenic transcription factors for oral cancer pathogenesis and treatment. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2013, 116, 179-188.	0.2	18
1492	The miR-92b functions as a potential oncogene by targeting on Smad3 in glioblastomas. Brain Research, 2013, 1529, 16-25.	1.1	62
1493	MicroRNA-34a regulates cardiac ageing and function. Nature, 2013, 495, 107-110.	13.7	717
1494	Overexpression of microRNAâ€122 enhances in vitro hepatic differentiation of fetal liverâ€derived stem/progenitor cells. Journal of Cellular Biochemistry, 2013, 114, 1575-1583.	1.2	43
1495	MicroRNAs: promising therapeutic targets for the treatment of pulmonary arterial hypertension. Expert Opinion on Therapeutic Targets, 2013, 17, 557-564.	1.5	18
1496	MicroRNAs in Metabolic Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 178-185.	1.1	222
1497	MicroRNAs and lipoproteins: A connection beyond atherosclerosis?. Atherosclerosis, 2013, 227, 209-215.	0.4	36
1498	The Role of miRNAs in Regulating Gene Expression Networks. Journal of Molecular Biology, 2013, 425, 3582-3600.	2.0	330

#	Article	IF	Citations
1499	Potential therapeutic role of microRNAs in ischemic heart disease. Journal of Cardiology, 2013, 61, 315-320.	0.8	65
1500	MicroRNAs and Atherosclerosis. Current Atherosclerosis Reports, 2013, 15, 322.	2.0	125
1501	Chronic Ethanol Feeding Alters mi<scp>RNA</scp> Expression Dynamics During Liver Regeneration. Alcoholism: Clinical and Experimental Research, 2013, 37, E59-69.	1.4	62
1502	Sensitive detection of hepatocellular injury in chronic hepatitis <scp>C</scp> patients with circulating hepatocyteâ€derived micro<scp>RNA</scp>â€122. Journal of Viral Hepatitis, 2013, 20, 158-166.	1.0	73
1503	MicroRNA Target Prediction and Validation. Advances in Experimental Medicine and Biology, 2013, 774, 39-53.	0.8	54
1504	A Molecular-Beacon-Based Screen for Small Molecule Inhibitors of miRNA Maturation. ACS Chemical Biology, 2013, 8, 930-938.	1.6	63
1505	Web Resources for microRNA Research. Advances in Experimental Medicine and Biology, 2013, 774, 225-250.	0.8	16
1506	MicroRNAs: new players in heart failure. Molecular Biology Reports, 2013, 40, 2663-2670.	1.0	68
1507	Characterization of reducible peptide oligomers as carriers for gene delivery. International Journal of Pharmaceutics, 2013, 441, 736-747.	2.6	28
1508	RNA Interference Pathways and Therapeutic Exploitation. Advances in Delivery Science and Technology, 2013, , 1-29.	0.4	0
1509	Exosomes as nucleic acid nanocarriers. Advanced Drug Delivery Reviews, 2013, 65, 331-335.	6.6	206
1510	Misprocessing and functional arrest of microRNAs by miR-Pirate: roles of miR-378 and miR-17. Biochemical Journal, 2013, 450, 375-386.	1.7	12
1511	Regulation of mi<scp>RNA</scp> biogenesis and turnover in the immune system. Immunological Reviews, 2013, 253, 304-316.	2.8	72
1512	MicroRNAs in Human Cancer. Advances in Experimental Medicine and Biology, 2013, 774, 1-20.	0.8	606
1513	miRâ€155: an ancient regulator of the immune system. Immunological Reviews, 2013, 253, 146-157.	2.8	286
1514	Oncogenic effects of miR-10b in glioblastoma stem cells. Journal of Neuro-Oncology, 2013, 112, 153-163.	1.4	151
1515	MicroRNAs in Liver Health and Disease. Current Pathobiology Reports, 2013, 1, 53-62.	1.6	26
1516	The emerging roles of microRNAs in CNS injuries. Nature Reviews Neurology, 2013, 9, 328-339.	4.9	239

#	Article	IF	Citations
1517	The promotion of bone regeneration through positive regulation ofÂangiogenicâ€“osteogenic coupling using microRNA-26a. Biomaterials, 2013, 34, 5048-5058.	5.7	191
1518	miRNAs link metabolic reprogramming to oncogenesis. Trends in Endocrinology and Metabolism, 2013, 24, 361-373.	3.1	72
1519	miRNAs and long noncoding RNAs as biomarkers in human diseases. Expert Review of Molecular Diagnostics, 2013, 13, 183-204.	1.5	122
1520	Regulation of immune responses and tolerance: the micro<scp>RNA</scp> perspective. Immunological Reviews, 2013, 253, 112-128.	2.8	144
1521	The role of microRNAs in adipocyte differentiation. Frontiers of Medicine, 2013, 7, 223-230.	1.5	20
1523	<scp>mi</scp> <scp>RNA</scp> in the Regulation of Ion Channel/Transporter Expression. , 2013, 3, 599-653.		25
1524	Transfection of Kasumi-1 cells with a new type of polymer carriers loaded with miR-155 and antago-miR-155. Cancer Gene Therapy, 2013, 20, 237-241.	2.2	19
1529	Epigenetic Therapy in Lung Cancer. Frontiers in Oncology, 2013, 3, 135.	1.3	29
1530	Delivering the promise of miRNA cancer therapeutics. Drug Discovery Today, 2013, 18, 282-289.	3.2	260
1531	Apoptosis and Necrosis in the Liver. , 2013, 3, 977-1010.		280
1532	Managing MicroRNAs with Vector-Encoded Decoy-Type Inhibitors. Molecular Therapy, 2013, 21, 1478-1485.	3.7	56
1533	Implications of microRNAs in the pathogenesis of diabetes. Archives of Pharmacal Research, 2013, 36, 154-166.	2.7	37
1534	Emerging Roles for miRNAs in the Development, Diagnosis, and Treatment of Diabetic Nephropathy. Current Diabetes Reports, 2013, 13, 582-591.	1.7	20
1535	Antisense Oligonucleotides: Treating Neurodegeneration at the Level of RNA. Neurotherapeutics, 2013, 10, 486-497.	2.1	133
1536	Treatment of HCV Infection by Targeting MicroRNA. New England Journal of Medicine, 2013, 368, 1685-1694.	13.9	1,939
1537	Roles of MicroRNAs in the Life Cycles of Mammalian Viruses. Current Topics in Microbiology and Immunology, 2013, 371, 201-227.	0.7	33
1538	MicroRNAs in liver disease. Nature Reviews Gastroenterology and Hepatology, 2013, 10, 542-552.	8.2	520
1539	MicroRNA-133 Controls Brown Adipose Determination in Skeletal Muscle Satellite Cells by Targeting Prdm16. Cell Metabolism, 2013, 17, 210-224.	7.2	249

#	Article	IF	Citations
1540	Platelet microRNAs: From platelet biology to possible disease biomarkers and therapeutic targets. Platelets, 2013, 24, 579-589.	1.1	28
1541	MicroRNAs as pharmacological targets in endothelial cell function and dysfunction. Pharmacological Research, 2013, 75, 15-27.	3.1	90
1542	miRNAs and cancer: An epigenetics view. Molecular Aspects of Medicine, 2013, 34, 863-874.	2.7	138
1543	Targeting miRNAs to treat Hepatitis C Virus infections and liver pathology: Inhibiting the virus and altering the host. Pharmacological Research, 2013, 75, 48-59.	3.1	31
1544	Advances in the role of microRNAs in lipid metabolism-related anti-atherosclerotic drug discovery. Expert Opinion on Drug Discovery, 2013, 8, 977-990.	2.5	5
1545	MicroRNAs: potential mediators and biomarkers of diabetic complications. Free Radical Biology and Medicine, 2013, 64, 85-94.	1.3	109
1546	MicroRNA and Epigenetics: Diagnostic and Therapeutic Opportunities. Current Pathobiology Reports, 2013, 1, 43-52.	1.6	34
1547	Chitosan for Gene Delivery and Orthopedic Tissue Engineering Applications. Molecules, 2013, 18, 5611-5647.	1.7	133
1548	Diversifying microRNA sequence and function. Nature Reviews Molecular Cell Biology, 2013, 14, 475-488.	16.1	1,066
1549	DNA Computation in Mammalian Cells: MicroRNA Logic Operations. Journal of the American Chemical Society, 2013, 135, 10512-10518.	6.6	198
1550	Biological Activity and Biotechnological Aspects of Locked Nucleic Acids. Advances in Genetics, 2013, 82, 47-107.	0.8	82
1551	Diagnostic, functional, and therapeutic roles of microRNA in allergic diseases. Journal of Allergy and Clinical Immunology, 2013, 132, 3-13.	1.5	197
1552	Adult-specific functions of animal microRNAs. Nature Reviews Genetics, 2013, 14, 535-548.	7.7	308
1553	Micro<scp>RNA</scp>s in myeloid malignancies. British Journal of Haematology, 2013, 162, 162-176.	1.2	39
1554	Highly Complementary Target RNAs Promote Release of Guide RNAs from Human Argonaute2. Molecular Cell, 2013, 50, 344-355.	4.5	102
1555	Breast Cancer Stem Cells and miRNAs. , 2013, , 367-383.		0
1556	Biomaterials in RNAi therapeutics: quo vadis?. Biomaterials Science, 2013, 1, 804.	2.6	39
1557	Epilepsy and microRNA. Neuroscience, 2013, 238, 218-229.	1.1	103

#	Article	IF	Citations
1558	Regulation of SIRT1 by Oxidative Stress-Responsive miRNAs and a Systematic Approach to Identify Its Role in the Endothelium. Antioxidants and Redox Signaling, 2013, 19, 1522-1538.	2.5	78
1559	Hypoxia as a target for tissue specific gene therapy. Journal of Controlled Release, 2013, 172, 484-494.	4.8	59
1560	Analysis of microRNA expression profile induced by AICAR in mouse hepatocytes. Gene, 2013, 512, 364-372.	1.0	18
1561	Therapeutic modulation of microRNAs. Drug Discovery Today: Therapeutic Strategies, 2013, 10, e127-e132.	0.5	0
1562	MicroRNA-Specific Argonaute 2 Protein Inhibitors. ACS Chemical Biology, 2013, 8, 2122-2126.	1.6	28
1563	Binding of a Structured <scp>d</scp>-RNA Molecule by an <scp>l</scp>-RNA Aptamer. Journal of the American Chemical Society, 2013, 135, 13290-13293.	6.6	59
1564	RNA viruses and microRNAs: challenging discoveries for the 21st century. Physiological Genomics, 2013, 45, 1035-1048.	1.0	39
1565	The role of microRNAs in cancers of the upper gastrointestinal tract. Nature Reviews Gastroenterology and Hepatology, 2013, 10, 109-118.	8.2	89
1566	miRNAs as Modulators of Angiogenesis. Cold Spring Harbor Perspectives in Medicine, 2013, 3, a006643-a006643.	2.9	155
1567	New Diagnostic, Therapeutic and Organizational Strategies for Acute Coronary Syndromes Patients. Contributions To Statistics, 2013, , .	0.2	0
1568	MicroRNA signatures of iPSCs and endoderm-derived tissues. Gene Expression Patterns, 2013, 13, 12-20.	0.3	8
1569	Epithelialâ€mesenchymal transition as a fundamental mechanism underlying the cancer phenotype. Veterinary and Comparative Oncology, 2013, 11, 169-184.	0.8	56
1570	Rapid and specific purification of Argonaute-small RNA complexes from crude cell lysates. Rna, 2013, 19, 271-279.	1.6	45
1571	MicroRNA-122: A New Player in the Negative Regulation of LH Receptor Expression by the LH Receptor mRNA Binding Protein (LRBP). Endocrinology, 2013, 154, 4439-4442.	1.4	3
1572	miRNA: the new frontier in cancer medicine. Future Medicinal Chemistry, 2013, 5, 983-985.	1.1	12
1573	Regulation of LH Receptor mRNA Binding Protein by miR-122 in Rat Ovaries. Endocrinology, 2013, 154, 4826-4834.	1.4	44
1574	The involvement of microRNAs in neurodegenerative diseases. Frontiers in Cellular Neuroscience, 2013, 7, 265.	1.8	209
1575	Principles of miRNA-Target Regulation in Metazoan Models. International Journal of Molecular Sciences, 2013, 14, 16280-16302.	1.8	23

#	Article	IF	Citations
1576	A Systemsâ€™ Biology Approach to Study MicroRNA-Mediated Gene Regulatory Networks. BioMed Research International, 2013, 2013, 1-15.	0.9	32
1577	HCV-Induced miR-21 Contributes to Evasion of Host Immune System by Targeting MyD88 and IRAK1. PLoS Pathogens, 2013, 9, e1003248.	2.1	204
1578	MicroRNAs in Cerebral Ischemia. Stroke Research and Treatment, 2013, 2013, 1-6.	0.5	37
1579	Dual Role of MicroRNAs in NAFLD. International Journal of Molecular Sciences, 2013, 14, 8437-8455.	1.8	61
1580	microRNA Biogenesis Pathway as a Therapeutic Target for Human Disease and Cancer. Current Pharmaceutical Design, 2013, 19, 745-764.	0.9	36
1581	Regulation of TLR2-Mediated Tolerance and Cross-Tolerance through IRAK4 Modulation by miR-132 and miR-212. Journal of Immunology, 2013, 190, 1250-1263.	0.4	150
1582	MicroRNA-93 Controls Perfusion Recovery After Hindlimb Ischemia by Modulating Expression of Multiple Genes in the Cell Cycle Pathway. Circulation, 2013, 127, 1818-1828.	1.6	86
1583	Alterations of DNA methylome in human bladder cancer. Epigenetics, 2013, 8, 1013-1022.	1.3	55
1584	Using microRNA as an Alternative Treatment for Hyperlipidemia and Cardiovascular Disease. Journal of Cardiovascular Pharmacology, 2013, 62, 247-254.	0.8	24
1585	MicroRNA-155 Drives TH17 Immune Response and Tissue Injury in Experimental Crescentic GN. Journal of the American Society of Nephrology: JASN, 2013, 24, 1955-1965.	3.0	41
1586	ThemicroRNA-342-5pFosters Inflammatory Macrophage Activation Through an Akt1- andmicroRNA-155â€“Dependent Pathway During Atherosclerosis. Circulation, 2013, 127, 1609-1619.	1.6	193
1587	Suppression of microRNAs by dual-targeting and clustered Tough Decoy inhibitors. RNA Biology, 2013, 10, 406-414.	1.5	40
1588	MicroRNA regulation and dysregulation in epilepsy. Frontiers in Cellular Neuroscience, 2013, 7, 172.	1.8	47
1589	MicroRNAs in the pathophysiology and treatment of status epilepticus. Frontiers in Molecular Neuroscience, 2013, 6, 37.	1.4	55
1590	Unconventional miR-122 binding stabilizes the HCV genome by forming a trimolecular RNA structure. Nucleic Acids Research, 2013, 41, 4230-4240.	6.5	78
1592	In vitro optimization of 2â€²-OMe-4â€²-thioribonucleosideâ€“modified anti-microRNA oligonucleotides and its targeting delivery to mouse liver using a liposomal nanoparticle. Nucleic Acids Research, 2013, 41, 10659-10667.	6.5	49
1593	Prospects for nucleic acid-based therapeutics against hepatitis C virus. World Journal of Gastroenterology, 2013, 19, 8949.	1.4	13
1594	Regulating Angiogenesis with Lightâ€Inducible AntimiRs. Angewandte Chemie - International Edition, 2013, 52, 13558-13561.	7.2	49

#	Article	IF	Citations
1595	Micro-ribonucleic acids in head and neck cancer: an introduction. Journal of Laryngology and Otology, 2013, 127, S2-S7.	0.4	18
1596	MiR-124 is Related to Podocytic Adhesive Capacity Damage in STZ-Induced Uninephrectomized Diabetic Rats. Kidney and Blood Pressure Research, 2013, 37, 422-431.	0.9	32
1597	A novel onco-miR-365 induces cutaneous squamous cell carcinoma. Carcinogenesis, 2013, 34, 1653-1659.	1.3	65
1598	RNAi Therapeutic Platforms for Lung Diseases. Pharmaceuticals, 2013, 6, 223-250.	1.7	78
1599	Development of MicroRNA Therapeutics for Hepatocellular Carcinoma. Diagnostics, 2013, 3, 170-191.	1.3	22
1600	MicroRNAs as Molecular Targets for Cancer Therapy: On the Modulation of MicroRNA Expression. Pharmaceuticals, 2013, 6, 1195-1220.	1.7	55
1601	Role of microRNAs in Lung Development and Pulmonary Diseases. Pulmonary Circulation, 2013, 3, 315-328.	0.8	142
1602	Antiviral Stratagems against HIV-1 Using RNA Interference (RNAi) Technology. Evolutionary Bioinformatics, 2013, 9, EBO.S11412.	0.6	20
1603	Expression Patterns and Regulatory Functions of MicroRNAs During the Initiation of Primordial Follicle Development in the Neonatal Mouse Ovary1. Biology of Reproduction, 2013, 89, 126.	1.2	72
1604	Making Sense in Antisense: Therapeutic Potential of Noncoding RNAs in Diabetes-Induced Vascular Dysfunction. Journal of Diabetes Research, 2013, 2013, 1-10.	1.0	11
1605	Targeting microRNAs in Pancreatic Cancer: Microplayers in the Big Game. Cancer Research, 2013, 73, 6541-6547.	0.4	75
1606	Genomeâ€wide identification and functional analyses of micro<scp>RNA</scp> signatures associated with cancer pain. EMBO Molecular Medicine, 2013, 5, 1740-1758.	3.3	53
1607	It is primarily the control of transcription and post-transcriptional processing that are critical to the development and progression of sporadic neoplasias. Biotechnic and Histochemistry, 2013, 88, 361-364.	0.7	1
1608	Tissue distribution of selected micro<scp>RNA</scp> in Atlantic salmon. European Journal of Lipid Science and Technology, 2013, 115, 1348-1356.	1.0	9
1609	MicroRNA-31 Activates the RAS Pathway and Functions as an Oncogenic MicroRNA in Human Colorectal Cancer by Repressing RAS p21 GTPase Activating Protein 1 (RASA1). Journal of Biological Chemistry, 2013, 288, 9508-9518.	1.6	158
1611	RNAi Therapeutics and Applications of MicroRNAs in Cancer Treatment. Japanese Journal of Clinical Oncology, 2013, 43, 596-607.	0.6	54
1612	Targeting MicroRNAs for Personalized Cancer Therapy. Medical Principles and Practice, 2013, 22, 415-417.	1.1	11
1613	Re-analysis of genome wide data on mammalian microRNA-mediated suppression of gene expression. Translation, 2013, 1, e24557.	2.9	19

#	Article	IF	Citations
1615	Sequence-specific inhibition of Dicer measured with a force-based microarray for RNA ligands. Nucleic Acids Research, 2013, 41, e69-e69.	6.5	12
1616	Pathogenic arterial remodeling: the good and bad of microRNAs. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1050-H1059.	1.5	97
1620	Human angiotensinogen +11525 C/A polymorphism modulates its gene expression through microRNA binding. Physiological Genomics, 2013, 45, 901-906.	1.0	24
1623	Efficient delivery of miR-122 to regulate cholesterol metabolism using a non-covalent peptide-based strategy. Molecular Medicine Reports, 2013, 8, 1472-1478.	1.1	17
1624	miR-1 Induces Growth Arrest and Apoptosis in Malignant Mesothelioma. Chest, 2013, 144, 1632-1643.	0.4	50
1625	Proteomic identification of target proteins following Drosha knockdown in cervical cancer. Oncology Reports, 2013, 30, 2229-2237.	1.2	5
1626	miR-138: a prosurvival oncomiR for glioma stem cells and its therapeutic implications. Future Neurology, 2013, 8, 119-121.	0.9	2
1628	MicroRNA Regulation in Renal Pathophysiology. International Journal of Molecular Sciences, 2013, 14, 13078-13092.	1.8	20
1629	Noncoding RNAs in cancer and cancer stem cells. Chinese Journal of Cancer, 2013, 32, 582-593.	4.9	121
1630	MicroRNA-21 as a potential colon and rectal cancer biomarker. World Journal of Gastroenterology, 2013, 19, 5615.	1.4	60
1631	MicroRNA Target Identificationâ€"Experimental Approaches. Biology, 2013, 2, 189-205.	1.3	37
1632	Approaches to manipulating microRNAs in neurogenesis. Frontiers in Neuroscience, 2012, 6, 196.	1.4	34
1633	Therapeutic targeting of non-coding RNAs. Essays in Biochemistry, 2013, 54, 127-145.	2.1	51
1634	Endocrine resistance in breast cancer: Current status and a perspective on the roles of miRNAs (Review). Oncology Letters, 2013, 6, 295-305.	0.8	15
1635	Regulation of the expression of the liver cancer susceptibility gene MICA by microRNAs. Scientific Reports, 2013, 3, 2739.	1.6	37
1636	Insights in microRNAs Biology. Current Topics in Medicinal Chemistry, 2013, 13, 1493-1502.	1.0	62
1637	Can MicroRNAs Improve the Management of Lung Cancer Patients? A Clinician's Perspective. Theranostics, 2013, 3, 953-963.	4.6	18
1638	Potential Function of miRNAs in Herpetic Stromal Keratitis. , 2013, 54, 563.		14

#	Article	IF	Citations
1639	MicroRNAs and the Heart: Small Things Do Matter. Current Topics in Medicinal Chemistry, 2013, 13, 216-230.	1.0	17
1640	Metformin: On Ongoing Journey across Diabetes, Cancer Therapy and Prevention. Metabolites, 2013, 3, 1051-1075.	1.3	26
1641	MicroRNA in the Diseased Pulmonary Vasculature: Implications for the Basic Scientist and Clinician. Journal of the Korean Society of Hypertension, 2013, 19, 1.	0.2	2
1642	MicroRNA-mediated Regulation of Angiogenesis. Current Angiogenesis, 2013, 2, 40-53.	0.1	0
1643	LNA Antisense: A Review. Current Physical Chemistry, 2013, 3, 55-68.	0.1	17
1644	MicroRNA-374a activates Wnt/Î²-catenin signaling to promote breast cancer metastasis. Journal of Clinical Investigation, 2013, 123, 566-79.	3.9	287
1645	MicroRNAs in the cancer clinic. Frontiers in Bioscience - Elite, 2013, E5, 204-213.	0.9	17
1646	Parallel Analysis of mRNA and microRNA Microarray Profiles to Explore Functional Regulatory Patterns in Polycystic Kidney Disease: Using PKD/Mhm Rat Model. PLoS ONE, 2013, 8, e53780.	1.1	55
1647	MicroRNA-762 Is Upregulated in Human Corneal Epithelial Cells in Response to Tear Fluid and Pseudomonas aeruginosa Antigens and Negatively Regulates the Expression of Host Defense Genes Encoding RNase7 and ST2. PLoS ONE, 2013, 8, e57850.	1.1	45
1648	Functional Implications of MicroRNA-215 in TGF-Î²1-Induced Phenotypic Transition of Mesangial Cells by Targeting CTNNBIP1. PLoS ONE, 2013, 8, e58622.	1.1	74
1649	Circulating microRNAs as Biomarkers for Detection of Autologous Blood Transfusion. PLoS ONE, 2013, 8, e66309.	1.1	46
1650	Down-Regulated miR-30a in Clear Cell Renal Cell Carcinoma Correlated with Tumor Hematogenous Metastasis by Targeting Angiogenesis-Specific DLL4. PLoS ONE, 2013, 8, e67294.	1.1	50
1651	In Vivo Monitoring of Angiogenesis Inhibition via Down-Regulation of Mir-21 in a VEGFR2-Luc Murine Breast Cancer Model Using Bioluminescent Imaging. PLoS ONE, 2013, 8, e71472.	1.1	59
1652	Ischemic Postconditioning-Mediated miRNA-21 Protects against Cardiac ischemia/reperfusion Injury via PTEN/Akt Pathway. PLoS ONE, 2013, 8, e75872.	1.1	114
1653	A New Short Oligonucleotide-Based Strategy for the Precursor-Specific Regulation of microRNA Processing by Dicer. PLoS ONE, 2013, 8, e77703.	1.1	17
1654	MicroRNA-138 Regulates Hypoxia-Induced Endothelial Cell Dysfunction By Targeting S100A1. PLoS ONE, 2013, 8, e78684.	1.1	45
1655	miR-150 Promotes Human Breast Cancer Growth and Malignant Behavior by Targeting the Pro-Apoptotic Purinergic P2X7 Receptor. PLoS ONE, 2013, 8, e80707.	1.1	104
1656	Identification of Host Kinase Genes Required for Influenza Virus Replication and the Regulatory Role of MicroRNAs. PLoS ONE, 2013, 8, e66796.	1.1	55

#	Article	IF	Citations
1657	The Emerging Role of microRNA in Stroke. Current Topics in Medicinal Chemistry, 2013, 13, 1573-1588.	1.0	92
1658	MicroRNA-21 in Pancreatic Ductal Adenocarcinoma Tumor-Associated Fibroblasts Promotes Metastasis. PLoS ONE, 2013, 8, e71978.	1.1	131
1659	MicroRNAs in Head and Neck Cancer. International Journal of Dentistry, 2013, 2013, 1-12.	0.5	46
1660	Long Noncoding RNAs-Related Diseases, Cancers, and Drugs. Scientific World Journal, The, 2013, 2013, 1-7.	0.8	68
1661	Advances with microRNAs in Parkinson’s disease research. Drug Design, Development and Therapy, 2013, 7, 1103.	2.0	37
1662	Conditions that Predispose to the Development of HCC: The Role of Tumor Associated Fibroblasts and of microRNA. , 0, , .		0
1663	Role of microRNAs in hepatocellular carcinoma: a clinical perspective. OncoTargets and Therapy, 2013, 6, 1167.	1.0	56
1664	The Crosstalk between Micro RNA and Iron Homeostasis. International Journal of Genomic Medicine, 2013, 01, .	0.0	3
1665	MicroRNAome of Vascular Smooth Muscle Cells: Potential for MicroRNA-Based Vascular Therapies. , 2013, , .		2
1666	Metabolic syndrome- Rapidly spreading non infectious Neo-epidemic. International Journal of Biomedical Research, 2013, 4, 296.	0.1	2
1667	Targeting microRNA-122: Walking on cutting edge of hepatitis CÂvirus infection therapy. Acta Virologica, 2014, 58, 301-308.	0.3	11
1668	Diversity and Expression of MicroRNAs in the Filarial Parasite, Brugia malayi. PLoS ONE, 2014, 9, e96498.	1.1	29
1669	Involvement of MAP3K8 and miR-17-5p in Poor Virologic Response to Interferon-Based Combination Therapy for Chronic Hepatitis C. PLoS ONE, 2014, 9, e97078.	1.1	11
1670	Anti-miRs Competitively Inhibit microRNAs in Argonaute Complexes. PLoS ONE, 2014, 9, e100951.	1.1	44
1671	Repetitive Transcranial Magnetic Stimulation Promotes Neural Stem Cell Proliferation via the Regulation of MiR-25 in a Rat Model of Focal Cerebral Ischemia. PLoS ONE, 2014, 9, e109267.	1.1	72
1672	MiR-143 and MiR-145 Regulate IGF1R to Suppress Cell Proliferation in Colorectal Cancer. PLoS ONE, 2014, 9, e114420.	1.1	104
1673	Challenges and Opportunities of MicroRNAs in Lymphomas. Molecules, 2014, 19, 14723-14781.	1.7	26
1674	Regulation of metabolism by long, non-coding RNAs. Frontiers in Genetics, 2014, 5, 57.	1.1	160

#	Article	IF	Citations
1675	miR-7 and miR-153 protect neurons against MPP+-induced cell death via upregulation of mTOR pathway. Frontiers in Cellular Neuroscience, 2014, 8, 182.	1.8	117
1676	Epigenetic Mechanisms Underlying the Link between Non-Alcoholic Fatty Liver Diseases and Nutrition. Nutrients, 2014, 6, 3303-3325.	1.7	93
1677	MicroRNA Dysregulation in the Myelodysplastic Syndromes. MicroRNA (Shariqah, United Arab) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662	0.6	3
1680	MicroRNAs and pancreatic-endocrine system. Non-coding RNAs in Endocrinology, 2014, 1, .	0.0	0
1681	Global microRNA profiles and signaling pathways in the development of cardiac hypertrophy. Brazilian Journal of Medical and Biological Research, 2014, 47, 361-368.	0.7	42
1682	MicroRNAs and Lipoprotein Metabolism. Journal of Atherosclerosis and Thrombosis, 2014, 21, 17-22.	0.9	24
1683	MicroRNAs as controlled systems and controllers in non-alcoholic fatty liver disease. World Journal of Gastroenterology, 2014, 20, 15079.	1.4	51
1684	Deep sequencing analysis of microRNA expression in porcine serum-induced hepatic fibrosis rats. Annals of Hepatology, 2014, 13, 439-449.	0.6	8
1685	An Easy Way to Pyrimidine Based Nucleoterpenes. Natural Product Communications, 2014, 9, 1934578X1400900.	0.2	0
1688	microRNAs in heart failure. Chinese Medical Journal, 2014, 127, 3328-3334.	0.9	1
1689	Gene- and Cell-Based Therapy for Cardiovascular Disease. , 2014, , 783-833.		0
1690	myomiR-dependent switching of BAF60 variant incorporation into Brg1 chromatin remodeling complexes during embryo myogenesis. Development (Cambridge), 2014, 141, 3378-3387.	1.2	58
1691	Phospho-Î”Np63Î±/microRNA network modulates epigenetic regulatory enzymes in squamous cell carcinomas. Cell Cycle, 2014, 13, 749-761.	1.3	21
1692	miR-281, an abundant midgut-specific miRNA of the vector mosquito Aedes albopictus enhances dengue virus replication. Parasites and Vectors, 2014, 7, 488.	1.0	62
1693	miR-143 and miR-145 synergistically regulate ERBB3 to suppress cell proliferation and invasion in breast cancer. Molecular Cancer, 2014, 13, 220.	7.9	145
1694	Therapeutic opportunities for targeting microRNAs in cancer. Molecular and Cellular Therapies, 2014, 2, 30.	0.2	36
1695	MicroRNAs as Therapeutic Targets and Biomarkers of Cardiovascular Disease. Science Translational Medicine, 2014, 6, 239ps3.	5.8	222
1696	Maternal high-fat diet consumption modulates hepatic lipid metabolism and microRNA-122 (miR-122) and microRNA-370 (miR-370) expression in offspring. British Journal of Nutrition, 2014, 111, 2112-2122.	1.2	130

#	Article	IF	Citations
1697	Possible role of tocopherols in the modulation of host microRNA with potential antiviral activity in patients with hepatitis B virus-related persistent infection: a systematic review. British Journal of Nutrition, 2014, 112, 1751-1768.	1.2	15
1698	Anti-microRNA-378a Enhances Wound Healing Process by Upregulating Integrin Beta-3 and Vimentin. Molecular Therapy, 2014, 22, 1839-1850.	3.7	46
1699	Repeatable, Inducible Micro-RNA-Based Technology Tightly Controls Liver Transgene Expression. Molecular Therapy - Nucleic Acids, 2014, 3, e172.	2.3	3
1700	ROCK has a crucial role in regulating prostate tumor growth through interaction with c-Myc. Oncogene, 2014, 33, 5582-5591.	2.6	66
1701	miRNA-based therapies: strategies and delivery platforms for oligonucleotide and non-oligonucleotide agents. Future Medicinal Chemistry, 2014, 6, 1967-1984.	1.1	229
1702	Strategies to antagonize miRNA functions in vitro and in vivo. Nanomedicine, 2014, 9, 2545-2555.	1.7	15
1703	Beyond the Genome: Epigenetic Mechanisms in Lung Remodeling. Physiology, 2014, 29, 177-185.	1.6	34
1704	Novel biomarkers in heart failure: usefulness in clinical practice. Expert Review of Cardiovascular Therapy, 2014, 12, 311-321.	0.6	9
1705	Cardiac hypertrophy is negatively regulated by miR-541. Cell Death and Disease, 2014, 5, e1171-e1171.	2.7	40
1706	Role of microrna in chronic alcoholic and non-alcoholic liver disease and pathology. International Journal of Bio-resource and Stress Management, 2014, 5, 86.	0.1	0
1707	Recent Advances in Genomics of Body Composition, Adipose Tissue Metabolism, and Its Relation to the Development of Obesity. , 2014, , 498-507.		0
1708	Non-inhibited miRNAs shape the cellular response to anti-miR. Nucleic Acids Research, 2014, 42, 6945-6955.	6.5	21
1709	MicroRNAs Involved in the Lipid Metabolism and Their Possible Implications for Atherosclerosis Development and Treatment. Mediators of Inflammation, 2014, 2014, 1-14.	1.4	42
1710	miR-375 and miR-30d in the Effect of Chromium-Containing Chinese Medicine Moderating Glucose Metabolism. Journal of Diabetes Research, 2014, 2014, 1-6.	1.0	17
1711	Noncoding RNAs regulate NF-ÃŽÂºB signaling to modulate blood vessel inflammation. Frontiers in Genetics, 2014, 5, 422.	1.1	70
1712	Steatosis and Steatohepatitis: Complex Disorders. International Journal of Molecular Sciences, 2014, 15, 9924-9944.	1.8	31
1713	Non-Coding RNAs and Lipid Metabolism. International Journal of Molecular Sciences, 2014, 15, 13494-13513.	1.8	26
1714	Long noncoding RNAs in prostate cancer: mechanisms and applications. Molecular and Cellular Oncology, 2014, 1, e963469.	0.3	14

#	Article	IF	Citations
1715	MicroRNA-133 Inhibits Behavioral Aggregation by Controlling Dopamine Synthesis in Locusts. PLoS Genetics, 2014, 10, e1004206.	1.5	96
1716	The Potential of MicroRNAs in Personalized Medicine against Cancers. BioMed Research International, 2014, 2014, 1-10.	0.9	26
1717	MicroRNAs: Promising New Antiangiogenic Targets in Cancer. BioMed Research International, 2014, 2014, 1-14.	0.9	48
1718	The Role of miRNAs in the Development of Normal Pancreas and Pancreatic Cancer, and Their Roles in Tumor Progression. , 2014, , 179-198.		0
1719	MicroRNAs in the Stressed Heart: Sorting the Signal from the Noise. Cells, 2014, 3, 778-801.	1.8	7
1720	microRNAs in the onset and development of cardiovascular disease. Clinical Science, 2014, 126, 183-194.	1.8	94
1721	Targeted delivery of miRNA therapeutics for cardiovascular diseases: opportunities and challenges. Clinical Science, 2014, 127, 351-365.	1.8	60
1722	Insights on chiral, backbone modified peptide nucleic acids: Properties and biological activity. Artificial DNA, PNA & XNA, 2014, 5, e1107176.	1.4	30
1723	Tissue-specific gene silencing monitored in circulating RNA. Rna, 2014, 20, 143-149.	1.6	13
1726	MicroRNAs in Atherosclerosis. Journal of Vascular Research, 2014, 51, 338-349.	0.6	53
1727	MicroRNAâ€122 Overexpression Promotes Hepatic Differentiation of Human Adipose Tissueâ€Derived Stem Cells. Journal of Cellular Biochemistry, 2014, 115, 1582-1593.	1.2	45
1728	MicroRNAs: are they the missing link between hypoxia and pre-eclampsia?. Hypertension in Pregnancy, 2014, 33, 102-114.	0.5	26
1729	Micro<scp>RNA</scp>â€125b induces tau hyperphosphorylation and cognitive deficits in Alzheimer's disease. EMBO Journal, 2014, 33, 1667-1680.	3.5	257
1730	The Effect of miRNAâ€122 in Regulating Fat Deposition in a Cell Line Model. Journal of Cellular Biochemistry, 2014, 115, 839-846.	1.2	10
1731	miR-25 in Heart Failure. Circulation Research, 2014, 115, 610-612.	2.0	15
1732	Development of micro<scp>RNA</scp> therapeutics is coming of age. EMBO Molecular Medicine, 2014, 6, 851-864.	3.3	526
1733	Nano-Oncologicals. Advances in Delivery Science and Technology, 2014, , .	0.4	7
1734	MicroRNAâ€155 potentiates the inflammatory response in hypothermia by suppressing ILâ€10 production. FASEB Journal, 2014, 28, 5322-5336.	0.2	58

#	Article	IF	Citations
1735	Siteâ€Directed RNA Editing with Antagomir Deaminases â€" A Tool to Study Protein and RNA Function. ChemMedChem, 2014, 9, 2021-2025.	1.6	33
1736	A piggyBac-based reporter system for scalable in vitro and in vivo analysis of 3â€² untranslated region-mediated gene regulation. Nucleic Acids Research, 2014, 42, e86-e86.	6.5	11
1737	Layered gadolinium-based nanoparticle as a novel delivery platform for microRNA therapeutics. Nanotechnology, 2014, 25, 425102.	1.3	21
1738	Molecular Mechanisms Underpinning the Development of Obesity. , 2014, , .		6
1739	Dicer Nucleaseâ€Promoted Production of Let7aâ€1 MicroRNA Is Enhanced in the Presence of Tryptophanâ€Containing Amphiphilic Peptides. ChemBioChem, 2014, 15, 1651-1659.	1.3	5
1740	Identification of distinct miRNA target regulation between breast cancer molecular subtypes using AGO2-PAR-CLIP and patient datasets. Genome Biology, 2014, 15, R9.	13.9	63
1741	ADAR mediates differential expression of polycistronic microRNAs. Nucleic Acids Research, 2014, 42, 5245-5255.	6.5	34
1742	Miravirsen (SPC3649) can inhibit the biogenesis of miR-122. Nucleic Acids Research, 2014, 42, 609-621.	6.5	283
1743	Functional genetics for all: engineered nucleases, CRISPR and the gene editing revolution. EvoDevo, 2014, 5, 43.	1.3	85
1744	Potential therapeutic role of antagomiR17 for the treatment of chronic lymphocytic leukemia. Journal of Hematology and Oncology, 2014, 7, 79.	6.9	22
1745	Novel clinical therapeutics targeting the epithelial to mesenchymal transition. Clinical and Translational Medicine, 2014, 3, 35.	1.7	65
1746	Single nucleotide polymorphism-specific regulation of matrix metalloproteinase-9 by multiple miRNAs targeting the coding exon. Nucleic Acids Research, 2014, 42, 5518-5531.	6.5	30
1747	Role of microRNAs in schistosomes and schistosomiasis. Frontiers in Cellular and Infection Microbiology, 2014, 4, 165.	1.8	44
1748	MicroRNA and Drug Delivery. , 2014, , 359-403.		0
1750	MicroRNAs and Cancer: An Overview. , 2014, , 3-28.		6
1751	MicroRNAs and Endothelial Dysfunction in Relation to Obesity and Type 2 Diabetes. Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research, 2014, s1, .	0.1	1
1752	microRNAs as a New Mechanism Regulating Adipose Tissue Inflammation in Obesity and as a Novel Therapeutic Strategy in the Metabolic Syndrome. Journal of Immunology Research, 2014, 2014, 1-10.	0.9	74
1753	Non-Coding RNAs Including miRNAs and lncRNAs in Cardiovascular Biology and Disease. Cells, 2014, 3, 883-898.	1.8	117

#	Article	IF	Citations
1754	Therapeutic Use of MicroRNAs in Lung Cancer. BioMed Research International, 2014, 2014, 1-8.	0.9	44
1755	MicroRNAs as therapeutic targets in cardiomyopathies: myth or reality?. Biomolecular Concepts, 2014, 5, 439-448.	1.0	9
1756	microRNA therapies in cancer. Molecular and Cellular Therapies, 2014, 2, 7.	0.2	99
1757	The role of miRNAs in cancer: from pathogenesis to therapeutic implications. Future Oncology, 2014, 10, 1027-1048.	1.1	57
1758	Aberrant RNA homeostasis in amyotrophic lateral sclerosis: potential for new therapeutic targets?. Neurodegenerative Disease Management, 2014, 4, 417-437.	1.2	13
1759	Association of Plasma MiR-17-92 With Dyslipidemia in Patients With Coronary Artery Disease. Medicine (United States), 2014, 93, e98.	0.4	27
1760	microRNA regulation of lipoprotein metabolism. Current Opinion in Lipidology, 2014, 25, 282-288.	1.2	27
1761	The ins and outs of microRNAs as biomarkers in liver disease and transplantation. Transplant International, 2014, 27, 1222-1232.	0.8	30
1762	AntagomiR directed against miR-20a restores functional BMPR2 signalling and prevents vascular remodelling in hypoxia-induced pulmonary hypertension. European Heart Journal, 2014, 35, 3203-3211.	1.0	139
1763	MicroRNAs in Cancer. Annual Review of Pathology: Mechanisms of Disease, 2014, 9, 287-314.	9.6	1,445
1764	A fourâ€miRNA signature identified from genomeâ€wide serum miRNA profiling predicts survival in patients with nasopharyngeal carcinoma. International Journal of Cancer, 2014, 134, 1359-1368.	2.3	95
1765	Estrogen Regulation of microRNAs, Target Genes, and microRNA Expression Associated with Vitellogenesis in the Zebrafish. Zebrafish, 2014, 11, 462-478.	0.5	49
1766	MiR-27 orchestrates the transcriptional regulation of brown adipogenesis. Metabolism: Clinical and Experimental, 2014, 63, 272-282.	1.5	133
1767	miR-137 regulates the constitutive androstane receptor and modulates doxorubicin sensitivity in parental and doxorubicin-resistant neuroblastoma cells. Oncogene, 2014, 33, 3717-3729.	2.6	62
1768	Transcription Factor/microRNA Axis Blocks Melanoma Invasion Program by miR-211 Targeting NUAK1. Journal of Investigative Dermatology, 2014, 134, 441-451.	0.3	95
1769	Rac1-Mediated Effects of HMG-CoA Reductase Inhibitors (Statins) in Cardiovascular Disease. Antioxidants and Redox Signaling, 2014, 20, 1238-1250.	2.5	25
1770	Polymer nanoparticles for drug and small silencing <scp>RNA</scp> delivery to treat cancers of different phenotypes. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2014, 6, 40-60.	3.3	59
1771	MicroRNA-205 suppresses proliferation and promotes apoptosis in laryngeal squamous cell carcinoma. Medical Oncology, 2014, 31, 785.	1.2	34

#	Article	IF	Citations
1772	Inhibition of miR-25 improves cardiac contractility in the failing heart. Nature, 2014, 508, 531-535.	13.7	377
1773	A TALEN-based strategy for efficient bi-allelic miRNA ablation in human cells. Rna, 2014, 20, 948-955.	1.6	21
1774	MicroRNAs in the development and pathobiology of uterine leiomyomata: does evidence support future strategies for clinical intervention?. Human Reproduction Update, 2014, 20, 670-687.	5.2	38
1775	Stable RNA nanoparticles as potential new generation drugs for cancer therapy. Advanced Drug Delivery Reviews, 2014, 66, 74-89.	6.6	200
1776	MicroRNA-targeting therapeutics for hepatitis C. Archives of Pharmacal Research, 2014, 37, 299-305.	2.7	35
1777	MicroRNA-based therapy in cardiology. Herz, 2014, 39, 194-200.	0.4	12
1778	MicroRNAs: master regulators of drug resistance, stemness, and metastasis. Journal of Molecular Medicine, 2014, 92, 321-336.	1.7	63
1779	Metabolic consequences of microRNA-122 inhibition in rainbow trout, Oncorhynchus mykiss. BMC Genomics, 2014, 15, 70.	1.2	45
1780	In vitro and in vivo direct monitoring of miRNA-22 expression in isoproterenol-induced cardiac hypertrophy by bioluminescence imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 972-984.	3.3	15
1781	The use of antibody modified liposomes loaded with AMO-1 to deliver oligonucleotides to ischemic myocardium for arrhythmia therapy. Biomaterials, 2014, 35, 3697-3707.	5.7	80
1782	MicroRNAs in vascular aging and atherosclerosis. Ageing Research Reviews, 2014, 17, 68-78.	5.0	101
1783	Heart Regeneration: Opportunities and Challenges for Drug Discovery with Novel Chemical and Therapeutic Methods or Agents. Angewandte Chemie - International Edition, 2014, 53, 4056-4075.	7.2	36
1784	Sequence-based design of bioactive small molecules that target precursor microRNAs. Nature Chemical Biology, 2014, 10, 291-297.	3.9	294
1785	microRNAs in Cardiovascular Diseases. Journal of the American College of Cardiology, 2014, 63, 2177-2187.	1.2	340
1786	<scp>miRNA</scp>Âsponges:ÂsoakingÂupÂ<scp>miRNAs</scp> for regulation of gene expression. Wiley Interdisciplinary Reviews RNA, 2014, 5, 317-333.	3.2	199
1787	The effects of a MAP2K5 microRNA target site SNP on risk for anxiety and depressive disorders. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2014, 165, 175-183.	1.1	24
1788	The systemic administration of an anti-miRNA oligonucleotide encapsulated pH-sensitive liposome results in reduced level of hepatic microRNA-122 in mice. Journal of Controlled Release, 2014, 173, 43-50.	4.8	69
1789	miRNA cargo within exosomeâ€like vesicle transfer influences metastatic bone colonization. Molecular Oncology, 2014, 8, 689-703.	2.1	155

#	Article	IF	Citations
1790	Role of nonâ€coding <scp>RNA</scp>s in pancreatic betaâ€cell development and physiology. Acta Physiologica, 2014, 211, 273-284.	1.8	67
1791	Reciprocal regulation of microRNA-122 and c-Myc in hepatocellular cancer: Role of E2F1 and transcription factor dimerization partner 2. Hepatology, 2014, 59, 555-566.	3.6	98
1792	Genetics of Epsteinâ€“Barr virus microRNAs. Seminars in Cancer Biology, 2014, 26, 52-59.	4.3	87
1793	Hepatitis C virus and human miR-122: insights from the bench to the clinic. Current Opinion in Virology, 2014, 7, 11-18.	2.6	29
1794	Assessing the ceRNA Hypothesis with Quantitative Measurements of miRNA and Target Abundance. Molecular Cell, 2014, 54, 766-776.	4.5	579
1795	miRNA Expression and Functions in Glioma and Glioma Stem Cells. , 2014, , 29-49.		1
1796	The Role of MicroRNAs and Ultraconserved Non-Coding RNAs in Cancer. , 2014, , 435-447.		3
1797	Novel therapeutic strategies for cardioprotection. , 2014, 144, 60-70.		64
1798	Macro and Small over Micro: Macromolecules and Small Molecules that Regulate MicroRNAs. ChemBioChem, 2014, 15, 1071-1078.	1.3	7
1799	Atypical Presentations of Diabetic Nephropathy and Novel Therapies. , 2014, , 91-106.		1
1800	Peptide nucleic acids: a review on recent patents and technology transfer. Expert Opinion on Therapeutic Patents, 2014, 24, 267-294.	2.4	54
1801	MicroRNAs in lupus. Autoimmunity, 2014, 47, 272-285.	1.2	70
1805	<scp>MicroRNA</scp>â€101 suppresses liver fibrosis by targeting the <scp>TGF</scp>Î² signalling pathway. Journal of Pathology, 2014, 234, 46-59.	2.1	117
1807	Regulation of Retinal Inflammation by Rhythmic Expression of MiR-146a in Diabetic Retina. , 2014, 55, 3986.		61
1808	MicroRNAs in kidney diseases: new promising biomarkers for diagnosis and monitoring. Nephrology Dialysis Transplantation, 2014, 29, 755-763.	0.4	72
1809	microRNA Therapeutics in Cardiovascular Disease Models. Annual Review of Pharmacology and Toxicology, 2014, 54, 185-203.	4.2	89
1810	Smoking and microRNA dysregulation: a cancerous combination. Trends in Molecular Medicine, 2014, 20, 36-47.	3.5	65
1811	The role of microRNAs in hepatitis C virus RNA replication. Archives of Virology, 2014, 159, 849-862.	0.9	61

#	Article	IF	Citations
1812	Mmu-miR-193 Is Involved in Embryo Implantation in Mouse Uterus by Regulating GRB7 Gene Expression. Reproductive Sciences, 2014, 21, 733-742.	1.1	18
1813	MicroRNAs as novel biological targets for detection and regulation. Chemical Society Reviews, 2014, 43, 506-517.	18.7	237
1814	Polycation-based nanoparticles for RNAi-mediated cancer treatment. Cancer Letters, 2014, 352, 66-80.	3.2	22
1815	Gene regulation by non-coding RNAs. Critical Reviews in Biochemistry and Molecular Biology, 2014, 49, 16-32.	2.3	140
1816	Highâ€throughput screens identify microRNAs essential for HER2 positive breast cancer cell growth. Molecular Oncology, 2014, 8, 93-104.	2.1	146
1817	miRNA Maturation. Methods in Molecular Biology, 2014, , .	0.4	2
1818	Alteration of the microRNA-122 regulatory network in rat models of hepatotoxicity. Environmental Toxicology and Pharmacology, 2014, 37, 354-364.	2.0	6
1819	Deregulation of microRNA expression in thyroid neoplasias. Nature Reviews Endocrinology, 2014, 10, 88-101.	4.3	103
1820	Non-coding RNAs and Cancer. , 2014, , .		6
1821	microRNAs in breast cancer development and treatment. Cancer Treatment Reviews, 2014, 40, 595-604.	3.4	111
1822	miRNomics: MicroRNA Biology and Computational Analysis. Methods in Molecular Biology, 2014, , .	0.4	15
1823	Bile Acid Signaling in Metabolic Disease and Drug Therapy. Pharmacological Reviews, 2014, 66, 948-983.	7.1	680
1824	Nanoparticle Delivery of Antisense Oligonucleotides and Their Application in the Exon Skipping Strategy for Duchenne Muscular Dystrophy. Nucleic Acid Therapeutics, 2014, 24, 87-100.	2.0	41
1825	Unlocking the Door to New Therapies in Cardiovascular Disease: MicroRNAs Hold the Key. Current Cardiology Reports, 2014, 16, 539.	1.3	12
1826	The emerging role of micro<scp>RNA</scp>s in cardiovascular disease. Journal of Internal Medicine, 2014, 276, 633-644.	2.7	74
1827	Downregulation of tumor suppressor MBP-1 by microRNA-363 in gastric carcinogenesis. Carcinogenesis, 2014, 35, 208-217.	1.3	43
1828	Effects of hypoxic exercise training on microRNA expression and lipid metabolism in obese rat livers. Journal of Zhejiang University: Science B, 2014, 15, 820-829.	1.3	23
1829	Anti-cancer therapeutic potential of quinazoline based small molecules via global upregulation of miRNAs. Chemical Communications, 2014, 50, 4639.	2.2	18

#	Article	IF	Citations
1830	Role of MicroRNA29b in Bloodâ€“Brain Barrier Dysfunction during Hyperhomocysteinemia: An Epigenetic Mechanism. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1212-1222.	2.4	60
1831	MicroRNA-34a regulates cardiac fibrosis after myocardial infarction by targeting Smad4. Expert Opinion on Therapeutic Targets, 2014, 18, 1-11.	1.5	92
1832	lnc<scp>RNA</scp> H19/miRâ€675 axis represses prostate cancer metastasis by targeting <scp>TGFBI</scp>. FEBS Journal, 2014, 281, 3766-3775.	2.2	275
1833	Drug target miRNAs: chances and challenges. Trends in Biotechnology, 2014, 32, 578-585.	4.9	120
1834	Nucleic acid therapeutics: basic concepts and recent developments. RSC Advances, 2014, 4, 16618.	1.7	73
1835	Quantum Mechanical Studies of DNA and LNA. Nucleic Acid Therapeutics, 2014, 24, 139-148.	2.0	19
1836	MicroRNAs: Key Regulators of Oncogenesis. , 2014, , .		14
1837	Roadmap of miR-122-related clinical application from bench to bedside. Expert Opinion on Investigational Drugs, 2014, 23, 347-355.	1.9	17
1838	Mosquito-specific microRNA-1174 targets serine hydroxymethyltransferase to control key functions in the gut. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14460-14465.	3.3	75
1839	Dissection of miRNA pathways using Arabidopsis mesophyll protoplasts. Molecular Plant, 2014, , .	3.9	0
1840	The flavonoid apigenin inhibits hepatitis C virus replication by decreasing mature microRNA122 levels. Virology, 2014, 462-463, 42-48.	1.1	99
1842	Long-term safety and efficacy of microRNA-targeted therapy in chronic hepatitis C patients. Antiviral Research, 2014, 111, 53-59.	1.9	163
1843	Outline of Epigenetics. , 2014, , 27-44.		6
1844	MicroRNA regulation of mitochondrial and ER stress signaling pathways: implications for lipoprotein metabolism in metabolic syndrome. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E729-E737.	1.8	35
1845	miRNAs as novel therapeutic targets and diagnostic biomarkers for Parkinsonâ€™s disease: a patent evaluation of WO2014018650. Expert Opinion on Therapeutic Patents, 2014, 24, 1271-1276.	2.4	14
1846	Therapeutic targeting of microRNAs: current status and future challenges. Nature Reviews Drug Discovery, 2014, 13, 622-638.	21.5	874
1847	Role of biomaterials in prevention of inâ€stent restenosis. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 1113-1120.	1.6	6
1848	MicroRNA 21 (miR-21) and miR-181b Couple with NFI-A To Generate Myeloid-Derived Suppressor Cells and Promote Immunosuppression in Late Sepsis. Infection and Immunity, 2014, 82, 3816-3825.	1.0	92

#	Article	IF	Citations
1849	MicroRNA: Potential biomarkers and therapeutic targets for allergic asthma?. Annals of Medicine, 2014, 46, 633-639.	1.5	21
1850	Delivery of an miR155 inhibitor by anti-CD20 single-chain antibody into B cells reduces the acetylcholine receptor-specific autoantibodies and ameliorates experimental autoimmune myasthenia gravis. Clinical and Experimental Immunology, 2014, 176, 207-221.	1.1	28
1851	Noncoding RNAs: key molecules in understanding and treating pain. Trends in Molecular Medicine, 2014, 20, 437-448.	3.5	94
1852	Cellular Uptake and Intracellular Trafficking of Oligonucleotides: Implications for Oligonucleotide Pharmacology. Nucleic Acid Therapeutics, 2014, 24, 101-113.	2.0	99
1853	Effect of micro<scp>RNA</scp>â€210 on prognosis and response to chemotherapeutic drugs in pediatric acute lymphoblastic leukemia. Cancer Science, 2014, 105, 463-472.	1.7	52
1854	MicroRNA Let-7 regulates molting and metamorphosis in the silkworm, Bombyx mori. Insect Biochemistry and Molecular Biology, 2014, 53, 13-21.	1.2	81
1855	Conjugation with Receptor-Targeted Histidine-Rich Peptides Enhances the Pharmacological Effectiveness of Antisense Oligonucleotides. Bioconjugate Chemistry, 2014, 25, 165-170.	1.8	21
1856	MicroRNAs and Drug Resistance in Prostate Cancers. Molecular Pharmaceutics, 2014, 11, 2539-2552.	2.3	63
1857	Effect of diet on microRNA expression in ovine subcutaneous and visceral adipose tissues1. Journal of Animal Science, 2014, 92, 3328-3337.	0.2	30
1858	MicroRNAs in cancer biology and therapy: Current status and perspectives. Genes and Diseases, 2014, 1, 53-63.	1.5	111
1859	Comparative RNA-sequencing analysis of myocardial and circulating small RNAs in human heart failure and their utility as biomarkers. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11151-11156.	3.3	207
1860	Diabetic nephropathyâ€"emerging epigenetic mechanisms. Nature Reviews Nephrology, 2014, 10, 517-530.	4.1	277
1861	Additional stories of microRNAs. Experimental Biology and Medicine, 2014, 239, 1275-1279.	1.1	22
1862	Acute downregulation of miR-155 at wound sites leads to a reduced fibrosis through attenuating inflammatory response. Biochemical and Biophysical Research Communications, 2014, 453, 153-159.	1.0	42
1863	Recent advances in pharmacotherapy for hypertriglyceridemia. Progress in Lipid Research, 2014, 56, 47-66.	5.3	128
1864	Virus Meets Host MicroRNA: the Destroyer, the Booster, the Hijacker. Molecular and Cellular Biology, 2014, 34, 3780-3787.	1.1	88
1865	Autophagy and microRNA dysregulation in liver diseases. Archives of Pharmacal Research, 2014, 37, 1097-1116.	2.7	18
1866	mRNA Destabilization Is the Dominant Effect of Mammalian MicroRNAs by the Time Substantial Repression Ensues. Molecular Cell, 2014, 56, 104-115.	4.5	424

#	Article	IF	Citations
1867	Epigenetics in the treatment of systemic lupus erythematosus: Potential clinical application. Clinical Immunology, 2014, 155, 79-90.	1.4	31
1868	The therapeutic potential of miRNAs regulated in settings of physiological cardiac hypertrophy. Future Medicinal Chemistry, 2014, 6, 205-222.	1.1	60
1871	Plasma cells in immunopathology: concepts and therapeutic strategies. Seminars in Immunopathology, 2014, 36, 277-288.	2.8	32
1872	The Long Noncoding RNA CHRF Regulates Cardiac Hypertrophy by Targeting miR-489. Circulation Research, 2014, 114, 1377-1388.	2.0	525
1873	Post-transcriptional regulatory network of epithelial-to-mesenchymal and mesenchymal-to-epithelial transitions. Journal of Hematology and Oncology, 2014, 7, 19.	6.9	115
1874	Revisiting the metabolic syndrome and paving the way for micro<scp>RNA</scp>s in nonâ€alcoholic fatty liver disease. FEBS Journal, 2014, 281, 2503-2524.	2.2	55
1876	An 11-nt sequence polymorphism at the 3â€²UTR of human SFTPA1 and SFTPA2 gene variants differentially affect gene expression levels and miRNA regulation in cell culture. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L106-L119.	1.3	24
1877	MicroRNAs in Cholangiopathies. Current Pathobiology Reports, 2014, 2, 133-142.	1.6	27
1878	Good guy or bad guy: the opposing roles of microRNA 125b in cancer. Cell Communication and Signaling, 2014, 12, 30.	2.7	144
1879	Regulation of gene expression by microRNA in HCV infection and HCVâ€“mediated hepatocellular carcinoma. Virology Journal, 2014, 11, 64.	1.4	43
1880	Multifunctional envelope-type nano device for controlled intracellular trafficking and selective targeting in vivo. Journal of Controlled Release, 2014, 190, 593-606.	4.8	48
1881	<scp>MicroRNAs</scp> as therapeutic targets in human cancers. Wiley Interdisciplinary Reviews RNA, 2014, 5, 537-548.	3.2	80
1882	Oligonucleotide Analogues as Modulators of the Expression and Function of Noncoding RNAs (ncRNAs): Emerging Therapeutics Applications. Journal of Medicinal Chemistry, 2014, 57, 10220-10240.	2.9	13
1883	The development of electrochemical assays for microRNAs. Electrochimica Acta, 2014, 126, 19-30.	2.6	30
1884	Target-Cell-Specific Fluorescence Silica Nanoprobes for Imaging and Theranostics of Cancer Cells. Analytical Chemistry, 2014, 86, 3602-3609.	3.2	57
1885	Induction of microRNAâ€138 by proâ€inflammatory cytokines causes endothelial cell dysfunction. FEBS Letters, 2014, 588, 906-914.	1.3	37
1886	Analytical approaches in microRNA therapeutics. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 964, 146-152.	1.2	14
1887	Downregulation of miR-21 increases cisplatin sensitivity of nonâ€“small-cell lung cancer. Cancer Genetics, 2014, 207, 214-220.	0.2	41

#	Article	IF	Citations
1888	MicroRNAs: Emerging roles in adipogenesis and obesity. Cellular Signalling, 2014, 26, 1888-1896.	1.7	126
1889	Acute endocrine and nutritional co-regulation of the hepatic omy-miRNA-122b and the lipogenic gene fas in rainbow trout, Oncorhynchus mykiss. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 169, 16-24.	0.7	40
1890	Comparison of miR-124-3p and miR-16 for early diagnosis of hemorrhagic and ischemic stroke. Clinica Chimica Acta, 2014, 433, 139-144.	0.5	64
1891	Invoking the power of thrombospondins: Regulation of thrombospondins expression. Matrix Biology, 2014, 37, 69-82.	1.5	63
1892	Improving Siteâ€Directed RNA Editing In Vitro and in Cell Culture by Chemical Modification of the GuideRNA. Angewandte Chemie - International Edition, 2014, 53, 6267-6271.	7.2	87
1893	Complexity in the therapeutic delivery of RNAi medicines: an analytical challenge. Expert Opinion on Drug Delivery, 2014, 11, 1481-1495.	2.4	22
1894	MicroRNA and gynecological reproductive diseases. Fertility and Sterility, 2014, 101, 1545-1551.	0.5	93
1895	MicroRNA and diseases: Therapeutic potential as new generation of drugs. Biochimie, 2014, 104, 12-26.	1.3	47
1896	MicroRNA-429 induces tumorigenesis of human non-small cell lung cancer cells and targets multiple tumor suppressor genes. Biochemical and Biophysical Research Communications, 2014, 450, 154-159.	1.0	46
1897	Clinical use of novel biomarkers in heart failure: towards personalized medicine. Heart Failure Reviews, 2014, 19, 369-381.	1.7	44
1898	Synthetic RNAs for Gene Regulation: Design Principles and Computational Tools. Frontiers in Bioengineering and Biotechnology, 2014, 2, 65.	2.0	33
1899	Significance and Therapeutic Value of miRNAs in Embryonal Neural Tumors. Molecules, 2014, 19, 5821-5862.	1.7	12
1900	MicroRNAs: role and therapeutic targets in viral hepatitis. Antiviral Therapy, 2014, 19, 533-541.	0.6	10
1901	MicroRNA-122 regulation of the morphology and cytoarchitecture of hepatoma carcinoma cells. Molecular Medicine Reports, 2014, 9, 1376-1380.	1.1	9
1902	miRâ€639 regulates transforming growth factor betaâ€induced epithelialâ€“mesenchymal transition in human tongue cancer cells by targeting <scp>FOXC</scp>1. Cancer Science, 2014, 105, 1288-1298.	1.7	70
1904	microRNA sponge blocks the tumor-suppressing functions of microRNA-122 in human hepatoma and osteosarcoma cells. Oncology Reports, 2014, 32, 2744-2752.	1.2	14
1905	A lentivirus-mediated miR-23b sponge diminishes the malignant phenotype of glioma cells in vitro and in vivo. Oncology Reports, 2014, 31, 1573-1580.	1.2	72
1908	Downregulation of microRNA-155 accelerates cell growth and invasion by targeting c-myc in human gastric carcinoma cells. Oncology Reports, 2014, 32, 951-956.	1.2	29

#	Article	IF	Citations
1909	Reprogramming immune responses via microRNA modulation. MicroRNA Diagnostics and Therapeutics, 2014, 1, .	0.0	5
1910	Upregulated microRNA-199a-5p inhibits nuclear receptor corepressor 1 translation in mice with non-alcoholic steatohepatitis. Molecular Medicine Reports, 2014, 10, 3080-3086.	1.1	13
1911	PADPIN: protein-protein interaction networks of angiogenesis, arteriogenesis, and inflammation in peripheral arterial disease. Physiological Genomics, 2015, 47, 331-343.	1.0	12
1912	Altered microRNome Profiling in Statin-Induced HepG2 Cells: A Pilot Study Identifying Potential new Biomarkers Involved in Lipid-Lowering Treatment. Cardiovascular Drugs and Therapy, 2015, 29, 509-518.	1.3	17
1913	A screen in mice uncovers repression of lipoprotein lipase by microRNAâ€29a as a mechanism for lipid distribution away from the liver. Hepatology, 2015, 61, 141-152.	3.6	54
1914	Natalizumab restores aberrant mi<scp>RNA</scp> expression profile in multiple sclerosis and reveals a critical role for miRâ€20b. Annals of Clinical and Translational Neurology, 2015, 2, 43-55.	1.7	71
1915	The role of microRNA in nutritional control. Journal of Internal Medicine, 2015, 278, 99-109.	2.7	30
1916	Alteration of Agingâ€Dependent Micro<scp>RNA</scp>s in Idiopathic Pulmonary Fibrosis. Drug Development Research, 2015, 76, 343-353.	1.4	16
1917	Fastigial nucleus stimulation regulates neuroprotection via induction of a novel micro<scp>RNA</scp>, rnoâ€miRâ€676â€1, in middle cerebral artery occlusion rats. Journal of Neurochemistry, 2015, 133, 926-934.	2.1	18
1919	An integrated analysis of the effects of microRNA and mRNA on esophageal squamous cell carcinoma. Molecular Medicine Reports, 2015, 12, 945-952.	1.1	17
1920	Conjugation of DNA with Biomolecules and Nanoparticles. , 2015, , 247-327.		0
1921	Antisense Oligonucleotideâ€“Based Therapeutics. , 2015, , 467-492.		2
1922	Magnetic Resonance Imaging Application in the Area of Mild and Acute Traumatic Brain Injury: Implication for Diagnostic Markers?. , 2015, , 358-369.		4
1923	MicroRNA-577 inhibits gastric cancer growth by targeting E2F transcription factor 3. Oncology Letters, 2015, 10, 1447-1452.	0.8	11
1924	Integrated analysis of microRNA and mRNA expression profiles in abdominal adipose tissues in chickens. Scientific Reports, 2015, 5, 16132.	1.6	60
1925	Hepatitis C virus represses the cellular antiviral response by upregulating the expression of signal transducer and activator of transcription 3 through sponging microRNA-122. Molecular Medicine Reports, 2015, 11, 1733-1737.	1.1	12
1926	miRNAs: Key Players in Neurodegenerative Disorders and Epilepsy. Journal of Alzheimer's Disease, 2015, 48, 563-580.	1.2	107
1927	microRNA-based diagnostic and therapeutic opportunities in lung cancer. MicroRNA Diagnostics and Therapeutics, 2015, 1, .	0.0	0

#	Article	IF	Citations
1928	Integrated analyses to reconstruct microRNA-mediated regulatory networks in mouse liver using high-throughput profiling. BMC Genomics, 2015, 16, S12.	1.2	12
1929	Nuclear Localization Signal-Enhanced Polyurethane-Short Branch Polyethylenimine-Mediated Delivery of Let-7a Inhibited Cancer Stem-Like Properties by Targeting the 3â€²-UTR of HMGA2 in Anaplastic Astrocytoma. Cell Transplantation, 2015, 24, 1431-1450.	1.2	15
1930	Noncoding RNAs, post-transcriptional RNA operons and Chinese hamster ovary cells. Pharmaceutical Bioprocessing, 2015, 3, 227-247.	0.8	15
1931	MicroRNA Regulation of Airway Inflammation and Airway Smooth Muscle Function: Relevance to Asthma. Drug Development Research, 2015, 76, 286-295.	1.4	34
1932	Spironolactone Regulates HCN Protein Expression Through Micro-RNA-1 in Rats With Myocardial Infarction. Journal of Cardiovascular Pharmacology, 2015, 65, 587-592.	0.8	20
1934	Singleâ€Vehicular Delivery of Antagomir and Small Molecules to Inhibit miRâ€122 Function in Hepatocellular Carcinoma Cells by using â€œSmartâ€•Mesoporous Silica Nanoparticles. Angewandte Chemie - International Edition, 2015, 54, 10574-10578.	7.2	57
1935	Exploratory Study on the RNAâ€Binding Structural Motifs by Library Screening Targeting preâ€miRNAâ€29â€‰a. Chemistry - A European Journal, 2015, 21, 16859-16867.	1.7	27
1936	Therapeutic applications of noncoding RNAs. Current Opinion in Cardiology, 2015, 30, 213-221.	0.8	18
1937	Improved synthesis and biological evaluation of Tcâ€99m radiolabeled AMO for miRNA imaging in tumor xenografts. Journal of Labelled Compounds and Radiopharmaceuticals, 2015, 58, 461-468.	0.5	6
1939	miR-21 Modulates the Immunoregulatory Function of Bone Marrow Mesenchymal Stem Cells Through the PTEN/Akt/TGF-Î²1 Pathway. Stem Cells, 2015, 33, 3281-3290.	1.4	49
1940	â€˜Microâ€managersâ€™ of hepatic lipid metabolism and <scp>NAFLD</scp>. Wiley Interdisciplinary Reviews RNA, 2015, 6, 581-593.	3.2	27
1941	Loss of tumor suppressive microRNA-31 enhances TRADD/NF-ÎºB signaling in glioblastoma. Oncotarget, 2015, 6, 17805-17816.	0.8	43
1942	MicroRNAs in Prostate Cancer: Small RNAs with Big Roles. Journal of Clinical & Cellular Immunology, 2015, 06, .	1.5	0
1943	Decreased miR122 in hepatocellular carcinoma leads to chemoresistance with increased arginine. Oncotarget, 2015, 6, 8339-8352.	0.8	43
1944	miR-122 is a Unique Molecule with Great Potential in Diagnosis, Prognosis of Liver Disease, and Therapy Both as miRNA Mimic and Antimir. Current Gene Therapy, 2015, 15, 142-150.	0.9	183
1945	RNA as a Therapeutic Molecule. , 2015, , 769-778.e2.		1
1946	â€œSkeletal Muscle MicroRNAs: Their Diagnostic and Therapeutic Potential in Human Muscle Diseasesâ€• Journal of Neuromuscular Diseases, 2015, 2, 1-11.	1.1	35
1947	MicroRNA in Breast Cancer â€” Gene Regulators and Targets for Novel Therapies. , 0, , .		3

#	Article	IF	Citations
1948	MicroRNAs: Novel Players in Aortic Aneurysm. BioMed Research International, 2015, 2015, 1-9.	0.9	29
1949	miRNAs and Other Epigenetic Changes as Biomarkers in Triple Negative Breast Cancer. International Journal of Molecular Sciences, 2015, 16, 28347-28376.	1.8	56
1950	The Role of MicroRNAs in Kidney Disease. Non-coding RNA, 2015, 1, 192-221.	1.3	23
1951	MicroRNAs as potential target in human bone and soft tissue sarcoma therapeutics. Frontiers in Molecular Biosciences, 2015, 2, 31.	1.6	40
1952	MicroRNA Expression Relating to Dietary-Induced Liver Steatosis and NASH. Journal of Clinical Medicine, 2015, 4, 1938-1950.	1.0	24
1953	The functional role of microRNA in acute lymphoblastic leukemia: relevance for diagnosis, differential diagnosis, prognosis, and therapy. OncoTargets and Therapy, 2015, 8, 2903.	1.0	35
1954	MicroRNA-200c as a Prognostic Biomarker for Pancreatic Cancer. Korean journal of gastroenterology = Taehan Sohwagi Hakhoe chi, The, 2015, 66, 215.	0.2	23
1955	MicroRNAs and Growth Factors: An Alliance Propelling Tumor Progression. Journal of Clinical Medicine, 2015, 4, 1578-1599.	1.0	21
1956	Increase of microRNA-210, Decrease of Raptor Gene Expression and Alteration of Mammalian Target of Rapamycin Regulated Proteins following Mithramycin Treatment of Human Erythroid Cells. PLoS ONE, 2015, 10, e0121567.	1.1	28
1957	MicroRNAs and Metabolites in Serum Change after Chemotherapy: Impact on Hematopoietic Stem and Progenitor Cells. PLoS ONE, 2015, 10, e0128231.	1.1	8
1958	MicroRNA Expression Is Altered in an Ovalbumin-Induced Asthma Model and Targeting miR-155 with Antagomirs Reveals Cellular Specificity. PLoS ONE, 2015, 10, e0144810.	1.1	58
1959	MicroRNAs: New Biomarkers for Diagnosis, Prognosis, Therapy Prediction and Therapeutic Tools for Breast Cancer. Theranostics, 2015, 5, 1122-1143.	4.6	664
1960	Emerging role of microRNAs in the treatment of hepatocellular carcinoma. Gastrointestinal Cancer: Targets and Therapy, 2015, , 89.	5.5	0
1961	The Role of Epigenetics in Arterial Calcification. BioMed Research International, 2015, 2015, 1-8.	0.9	21
1962	Bone Components Downregulate Expression of Toll-Like Receptor 4 on the Surface of Human Monocytic U937 Cells: A Cell Model for Postfracture Immune Dysfunction. Mediators of Inflammation, 2015, 2015, 1-10.	1.4	3
1963	Predicting effective microRNA target sites in mammalian mRNAs. ELife, 2015, 4, .	2.8	5,779
1964	Modulation of miRNAs in Pulmonary Hypertension. International Journal of Hypertension, 2015, 2015, 1-10.	0.5	29
1965	Epigenetic Changes in Endothelial Progenitors as a Possible Cellular Basis for Glycemic Memory in Diabetic Vascular Complications. Journal of Diabetes Research, 2015, 2015, 1-17.	1.0	55

#	Article	IF	Citations
1966	miRNA in Pathophysiology of Peripartum Cardiomyopathy (PPCM): A Systemic Review. Journal of Clinical & Experimental Cardiology, 2015, 06, .	0.0	0
1968	The MYC/miR-17-92 axis in lymphoproliferative disorders: A common pathway with therapeutic potential. Oncotarget, 2015, 6, 19381-19392.	0.8	51
1969	Is Targeting microRNAs the Philosopher's Stone for Vascular Disease?. Current Vascular Pharmacology, 2015, 14, 88-97.	0.8	8
1970	MicroRNAs silence the noisy genome. Science, 2015, 348, 41-42.	6.0	6
1971	microRNAs with different functions and roles in disease development and as potential biomarkers of diabetes: progress and challenges. Molecular BioSystems, 2015, 11, 1217-1234.	2.9	33
1972	microRNA-210 is involved in the regulation of postmenopausal osteoporosis through promotion of VEGF expression and osteoblast differentiation. Biological Chemistry, 2015, 396, 339-347.	1.2	68
1973	MicroRNAs and Benign Biliary Tract Diseases. Seminars in Liver Disease, 2015, 35, 026-035.	1.8	17
1974	MicroRNA-mediated immune modulation as a therapeutic strategy in host-implant integration. Advanced Drug Delivery Reviews, 2015, 88, 92-107.	6.6	17
1975	The use of high-throughput sequencing methods for plant microRNA research. RNA Biology, 2015, 12, 709-719.	1.5	50
1976	Principles of miRNAâ€“mRNA interactions: beyond sequence complementarity. Cellular and Molecular Life Sciences, 2015, 72, 3127-3141.	2.4	144
1977	Recent insights on the role of cholesterol in non-alcoholic fatty liver disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1765-1778.	1.8	221
1978	MicroRNA delivery for regenerative medicine. Advanced Drug Delivery Reviews, 2015, 88, 108-122.	6.6	125
1979	A network analysis of miRNA mediated gene regulation of rice: crosstalk among biological processes. Molecular BioSystems, 2015, 11, 2273-2280.	2.9	16
1980	The Role of Hypoxia-Induced miR-210 in Cancer Progression. International Journal of Molecular Sciences, 2015, 16, 6353-6372.	1.8	139
1981	The microRNA-200 family regulates pancreatic beta cell survival in type 2 diabetes. Nature Medicine, 2015, 21, 619-627.	15.2	236
1982	Development of Small RNA Delivery Systems for Lung Cancer Therapy. International Journal of Molecular Sciences, 2015, 16, 5254-5270.	1.8	57
1983	Interaction of Host Cell microRNAs with the HCV RNA Genome during Infection of Liver Cells. Seminars in Liver Disease, 2015, 35, 075-080.	1.8	16
1984	Therapeutic Targeting of microRNAs in Cancer: Future Perspectives. Drug Development Research, 2015, 76, 382-388.	1.4	57

#	Article	IF	Citations
1987	Circulating RNA: looking at the liver through a frosted glass. Biomarkers, 2015, 20, 339-354.	0.9	8
1988	microRNAs and Neurodegenerative Diseases. Advances in Experimental Medicine and Biology, 2015, 888, 85-105.	0.8	84
1989	microRNAs Distinctively Regulate Vascular Smooth Muscle and Endothelial Cells: Functional Implications in Angiogenesis, Atherosclerosis, and In-Stent Restenosis. Advances in Experimental Medicine and Biology, 2015, 887, 53-77.	0.8	82
1990	Specific Inhibition of MicroRNA Processing Using <scp>l</scp>-RNA Aptamers. Journal of the American Chemical Society, 2015, 137, 16032-16037.	6.6	38
1991	High-efficiency Generation of Multiple Short Noncoding RNA in B-cells and B-cell-derived Extracellular Vesicles. Molecular Therapy - Nucleic Acids, 2015, 4, e271.	2.3	2
1992	microRNAs: Key Players in Hematopoiesis. Advances in Experimental Medicine and Biology, 2015, 887, 171-211.	0.8	11
1993	Mechanistic Role of MicroRNAs in Coupling Lipid Metabolism and Atherosclerosis. Advances in Experimental Medicine and Biology, 2015, 887, 79-100.	0.8	96
1994	Epithelial-mesenchymal transition-associated microRNAs in colorectal cancer and drug-targeted therapies (Review). Oncology Reports, 2015, 33, 515-525.	1.2	27
1995	Cyclic Cationic Peptides Containing Sugar Amino Acids Selectively Distinguishes and Inhibits Maturation of Pre-miRNAs of the Same Family. Nucleic Acid Therapeutics, 2015, 25, 323-329.	2.0	3
1996	Cardiovascular pharmacology: a look back and a glimpse into the future. European Heart Journal - Cardiovascular Pharmacotherapy, 2015, 1, 7-9.	1.4	5
1997	The emerging role of miRNAs in inflammatory bowel disease: a review. Therapeutic Advances in Gastroenterology, 2015, 8, 4-22.	1.4	136
1998	RNA-based drugs and vaccines. Expert Review of Vaccines, 2015, 14, 253-263.	2.0	18
2000	Delivery and Biological Activity of Therapeutic miRNAs and miRNA Modifiers. , 2015, , 1017-1048.		0
2001	Polymer Nanoparticles Mediated Codelivery of AntimiR-10b and AntimiR-21 for Achieving Triple Negative Breast Cancer Therapy. ACS Nano, 2015, 9, 2290-2302.	7.3	221
2002	Genetic Mutation of p53 and Suppression of the miR-17â^¼92 Cluster Are Synthetic Lethal in Nonâ€“Small Cell Lung Cancer due to Upregulation of Vitamin D Signaling. Cancer Research, 2015, 75, 666-675.	0.4	39
2003	5-Lipoxygenase Is a Direct Target of miR-19a-3p and miR-125b-5p. Journal of Immunology, 2015, 194, 1646-1653.	0.4	51
2004	Manipulating MiRNA Expression: a Novel Approach for Colon Cancer Prevention and Chemotherapy. Current Pharmacology Reports, 2015, 1, 141-153.	1.5	21
2005	MiRNA inhibition in tissue engineering and regenerative medicine. Advanced Drug Delivery Reviews, 2015, 88, 123-137.	6.6	72

#	Article	IF	Citations
2006	miR-342-3p affects hepatocellular carcinoma cell proliferation via regulating NF-Î¹B pathway. Biochemical and Biophysical Research Communications, 2015, 457, 370-377.	1.0	70
2007	Dissection of miRNA Pathways Using Arabidopsis Mesophyll Protoplasts. Molecular Plant, 2015, 8, 261-275.	3.9	30
2008	Reâ€thinking miRNAâ€mRNA interactions: Intertwining issues confound target discovery. BioEssays, 2015, 37, 379-388.	1.2	111
2009	MicroRNAs in Schizophrenia: Implications for Synaptic Plasticity and Dopamineâ€“Glutamate Interaction at the Postsynaptic Density. New Avenues for Antipsychotic Treatment Under a Theranostic Perspective. Molecular Neurobiology, 2015, 52, 1771-1790.	1.9	15
2010	Harnessing the Therapeutic Potential of MicroRNAs for Cardiovascular Disease. Journal of Cardiovascular Pharmacology and Therapeutics, 2015, 20, 131-143.	1.0	14
2011	MicroRNA Biogenesis in Regenerative Medicine. , 2015, , 3-46.		4
2012	MicroRNA regulatory networks in idiopathic pulmonary fibrosis. Biochemistry and Cell Biology, 2015, 93, 129-137.	0.9	66
2013	RNA Bioinformatics. Methods in Molecular Biology, 2015, , .	0.4	3
2014	New insights into lung development and diseases: the role of microRNAs. Biochemistry and Cell Biology, 2015, 93, 139-148.	0.9	17
2015	Targeting MicroRNAs to Withstand Cancer Metastasis. Methods in Molecular Biology, 2015, 1218, 415-437.	0.4	11
2016	Noncoding Oligonucleotides: The Belle of the Ball in Gene Therapy. Advances in Genetics, 2015, 89, 153-177.	0.8	4
2017	Nonconventional chemical inhibitors of microRNA: therapeutic scope. Chemical Communications, 2015, 51, 820-831.	2.2	30
2018	Antisense Oligonucleotides, microRNAs, and Antibodies. Handbook of Experimental Pharmacology, 2015, 224, 649-689.	0.9	7
2019	Mathematical modeling of combinatorial regulation suggests that apparent positive regulation of targets by miRNA could be an artifact resulting from competition for mRNA. Rna, 2015, 21, 307-319.	1.6	19
2020	Clinical significance of intragraft mi<scp>R</scp>â€122 and â€155 expression after liver transplantation. Hepatology Research, 2015, 45, 898-905.	1.8	12
2021	Induced miRâ€99a expression represses Mtor cooperatively with miRâ€150 to promote regulatory Tâ€cell differentiation. EMBO Journal, 2015, 34, 1195-1213.	3.5	83
2022	From microRNA target validation to therapy: lessons learned from studies on BDNF. Cellular and Molecular Life Sciences, 2015, 72, 1779-1794.	2.4	30
2023	MicroRNAs in Neural Stem Cells. , 2015, , 163-182.		0

#	Article	IF	Citations
2024	MicroRNA regulatory networks in human adipose tissue and obesity. Nature Reviews Endocrinology, 2015, 11, 276-288.	4.3	377
2025	The hypoxia-induced microRNA-130a controls pulmonary smooth muscle cell proliferation by directly targeting CDKN1A. International Journal of Biochemistry and Cell Biology, 2015, 61, 129-137.	1.2	52
2026	The association of the expression of miR-122-5p and its target ADAM10 with human breast cancer. Molecular Biology Reports, 2015, 42, 497-505.	1.0	52
2027	MicroRNA-122 targets genes related to liver metabolism in chickens. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 184, 29-35.	0.7	17
2028	MicroRNAs in Tissue Engineering and Regenerative Medicine. , 2015, , 1159-1200.		1
2029	MicroRNAs in Cardiac Regeneration. , 2015, , 917-942.		1
2030	Organ Transplantation and MicroRNA Expression. , 2015, , 835-862.		1
2031	Epigenetic-related therapeutic challenges in cardiovascular disease. Trends in Pharmacological Sciences, 2015, 36, 226-235.	4.0	95
2032	MicroRNA as tools and therapeutics in lung cancer. Respiratory Medicine, 2015, 109, 803-812.	1.3	85
2033	Long Noncoding RNAs and MicroRNAs in Cardiovascular Pathophysiology. Circulation Research, 2015, 116, 751-762.	2.0	334
2034	Lipid Metabolism, Apoptosis and Cancer Therapy. International Journal of Molecular Sciences, 2015, 16, 924-949.	1.8	326
2035	The epigenetics of aging and neurodegeneration. Progress in Neurobiology, 2015, 131, 21-64.	2.8	334
2036	Detection and Assessment of MicroRNA Expression in Human Disease. RNA Technologies, 2015, , 333-349.	0.2	0
2037	MicroRNAs in Fatty Liver Disease. Seminars in Liver Disease, 2015, 35, 012-025.	1.8	35
2038	Growth hormone replacement therapy regulates microRNA-29a and targets involved in insulin resistance. Journal of Molecular Medicine, 2015, 93, 1369-1379.	1.7	23
2039	Unmet needs in paediatric psychopharmacology: Present scenario and future perspectives. European Neuropsychopharmacology, 2015, 25, 1513-1531.	0.3	56
2040	RNA (Epi)genetics in cardiovascular diseases. Journal of Molecular and Cellular Cardiology, 2015, 89, 11-16.	0.9	32
2041	Antisense MicroRNA Therapeutics in Cardiovascular Disease: Quo Vadis?. Molecular Therapy, 2015, 23, 1810-1818.	3.7	20

#	Article	IF	Citations
2042	Molecular biomarkers in colorectal carcinoma. Pharmacogenomics, 2015, 16, 1189-1222.	0.6	14
2043	Small molecules targeting microRNA for cancer therapy: Promises and obstacles. Journal of Controlled Release, 2015, 219, 237-247.	4.8	80
2044	Destabilization of microRNAs in human cells by 3â€² deadenylation mediated by PARN and CUGBP1. Nucleic Acids Research, 2015, 43, 7521-7534.	6.5	74
2045	Potent inhibition of miR-27a by neomycinâ€“bisbenzimidazole conjugates. Chemical Science, 2015, 6, 5837-5846.	3.7	33
2046	Xenosensor CAR mediates down-regulation of miR-122 and up-regulation of miR-122 targets in the liver. Toxicology and Applied Pharmacology, 2015, 288, 26-32.	1.3	25
2047	miR-25 targets the modulator of apoptosis 1 gene in lung cancer. Carcinogenesis, 2015, 36, 925-935.	1.3	59
2048	Caged oligonucleotides for studying biological systems. Journal of Inorganic Biochemistry, 2015, 150, 182-188.	1.5	48
2049	NF-ÎºB-induced microRNA-31 promotes epidermal hyperplasia by repressing protein phosphatase 6 in psoriasis. Nature Communications, 2015, 6, 7652.	5.8	191
2050	mir-181a-1/b-1 Modulates Tolerance through Opposing Activities in Selection and Peripheral T Cell Function. Journal of Immunology, 2015, 195, 1470-1479.	0.4	43
2051	Oligonucleotide Therapies: The Past and the Present. Human Gene Therapy, 2015, 26, 475-485.	1.4	220
2052	Progress in corneal wound healing. Progress in Retinal and Eye Research, 2015, 49, 17-45.	7.3	554
2053	Elevated Hepatic miR-22-3p Expression Impairs Gluconeogenesis by Silencing the Wnt-Responsive Transcription Factor Tcf7. Diabetes, 2015, 64, 3659-3669.	0.3	63
2054	Direct uptake of Antagomirs and efficient knockdown of miRNA in primary B and T lymphocytes. Journal of Immunological Methods, 2015, 426, 128-133.	0.6	26
2055	HypoxamiRs: regulators of cardiac hypoxia and energy metabolism. Trends in Endocrinology and Metabolism, 2015, 26, 502-508.	3.1	72
2056	MicroRNA-155 Promotes Atherosclerosis Inflammation via Targeting SOCS1. Cellular Physiology and Biochemistry, 2015, 36, 1371-1381.	1.1	95
2057	RNA and DNA Diagnostics. RNA Technologies, 2015, , .	0.2	5
2058	Analysis of intronic and exonic reads in RNA-seq data characterizes transcriptional and post-transcriptional regulation. Nature Biotechnology, 2015, 33, 722-729.	9.4	248
2059	MicroRNAs in Alcoholic Liver Disease. Seminars in Liver Disease, 2015, 35, 036-042.	1.8	50

#	Article	IF	Citations
2060	IL-21 induces antiviral microRNA-29 in CD4 T cells to limit HIV-1 infection. Nature Communications, 2015, 6, 7562.	5.8	58
2061	Roux-en-Y gastric bypass stimulates hypothalamic miR-122 and inhibits cardiac and hepatic miR-122 expressions. Journal of Surgical Research, 2015, 199, 371-377.	0.8	8
2062	Using a Novel MicroRNA Delivery System to Inhibit Osteoclastogenesis. International Journal of Molecular Sciences, 2015, 16, 8337-8350.	1.8	34
2063	Present and future of ribonucleic acid interference. Archivos De La Sociedad Espanola De Oftalmologia, 2015, 90, 1-3.	0.1	4
2064	Tumorâ€targeted Delivery of Antiâ€microRNA for Cancer Therapy: pHLIP is Key. Angewandte Chemie - International Edition, 2015, 54, 5824-5826.	7.2	16
2065	Determining differentially expressed miRNAs and validating miRNAâ€"target relationships using the SPRET/Ei mouse strain. Mammalian Genome, 2015, 26, 94-107.	1.0	6
2066	The effect of administration of double stranded MicroRNA-210 on acceleration of Achilles tendon healing in a rat model. Journal of Orthopaedic Science, 2015, 20, 538-546.	0.5	24
2067	Correlation between down-expression of miR-431 and clinicopathological significance in HCC tissues. Clinical and Translational Oncology, 2015, 17, 557-563.	1.2	25
2068	MicroRNAs in diabetic nephropathy: functions, biomarkers, and therapeutic targets. Annals of the New York Academy of Sciences, 2015, 1353, 72-88.	1.8	137
2069	Oridonin alters the expression profiles of MicroRNAs in BxPC-3 human pancreatic cancer cells. BMC Complementary and Alternative Medicine, 2015, 15, 117.	3.7	18
2070	Age and sex differences in kidney microRNA expression during the life span of F344 rats. Biology of Sex Differences, 2015, 6, 1.	1.8	66
2071	MicroRNAs in breast cancer: oncogene and tumor suppressors with clinical potential. Journal of Zhejiang University: Science B, 2015, 16, 18-31.	1.3	124
2072	Therapeutic potential of miRNAs in diabetes mellitus. Expert Review of Endocrinology and Metabolism, 2015, 10, 285-296.	1.2	1
2073	An overview of microRNAs. Advanced Drug Delivery Reviews, 2015, 87, 3-14.	6.6	1,124
2074	Prospects for Therapeutic Targeting of MicroRNAs in Human Immunological Diseases. Journal of Immunology, 2015, 194, 5047-5052.	0.4	39
2075	An Update on Microrna?s and Metabolic Regulation with Future Therapeutic Potentials Regarding Diagnosis and Treatment of Obesity, Metabolic Syndrome and Other Related Disorders. Journal of Health & Medical Informatics, 2015, 06, .	0.2	2
2076	microRNA-449a functions as a tumor suppressor in neuroblastoma through inducing cell differentiation and cell cycle arrest. RNA Biology, 2015, 12, 538-554.	1.5	51
2077	MicroRNA and pediatric tumors: Future perspectives. Acta Histochemica, 2015, 117, 339-354.	0.9	35

#	Article	IF	Citations
2078	MicroRNAs in skin tissue engineering. Advanced Drug Delivery Reviews, 2015, 88, 16-36.	6.6	39
2079	A toolbox for miRNA analysis. FEBS Letters, 2015, 589, 1694-1701.	1.3	29
2080	MicroRNA-based therapy and breast cancer: A comprehensive review of novel therapeutic strategies from diagnosis to treatment. Pharmacological Research, 2015, 97, 104-121.	3.1	117
2081	MiR-125a targets effector programs to stabilize Treg-mediated immune homeostasis. Nature Communications, 2015, 6, 7096.	5.8	133
2083	MicroRNA-20a is essential for normal embryogenesis by targetingvsx1mRNA in fish. RNA Biology, 2015, 12, 615-627.	1.5	9
2084	HCBP6 Modulates Triglyceride Homeostasis in Hepatocytes Via the SREBP1c/FASN Pathway. Journal of Cellular Biochemistry, 2015, 116, 2375-2384.	1.2	16
2086	miRNA therapeutics: a new class of drugs with potential therapeutic applications in the heart. Future Medicinal Chemistry, 2015, 7, 1771-1792.	1.1	196
2087	Therapeutic Angiogenesis by Ultrasound-Mediated MicroRNA-126-3p Delivery. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2401-2411.	1.1	71
2088	Functional relevance of â€œseedâ€•and â€œnon-seedâ€•sequences in microRNA-mediated promotion of C. elegans developmental progression. Rna, 2015, 21, 1980-1992.	1.6	25
2089	Transcriptome dynamics of the microRNA inhibition response. Nucleic Acids Research, 2015, 43, 6207-6221.	6.5	5
2090	microRNA-185 modulates low density lipoprotein receptor expression as a key posttranscriptional regulator. Atherosclerosis, 2015, 243, 523-532.	0.4	60
2091	The art of CHO cell engineering: A comprehensive retrospect and future perspectives. Biotechnology Advances, 2015, 33, 1878-1896.	6.0	240
2092	miR-122 Regulates LH Receptor Expression by Activating Sterol Response Element Binding Protein in Rat Ovaries. Endocrinology, 2015, 156, 3370-3380.	1.4	23
2093	Enhancing the pharmacokinetic/pharmacodynamic properties of therapeutic nucleotides using lipid nanoparticle systems. Future Medicinal Chemistry, 2015, 7, 1751-1769.	1.1	11
2094	MiR-320a acts as a prognostic factor and Inhibits metastasis of salivary adenoid cystic carcinoma by targeting ITGB3. Molecular Cancer, 2015, 14, 96.	7.9	67
2095	Vascular and circulating microRNAs in renal ischaemiaâ€“reperfusion injury. Journal of Physiology, 2015, 593, 1777-1784.	1.3	32
2096	Pharmacokinetics of a Cholesterol-conjugated Aptamer Against the Hepatitis C Virus (HCV) NS5B Protein. Molecular Therapy - Nucleic Acids, 2015, 4, e254.	2.3	73
2097	Target biomarker profile for the clinical management of paracetamol overdose. British Journal of Clinical Pharmacology, 2015, 80, 351-362.	1.1	44

#	Article	IF	Citations
2098	Translational Regulation of the Mitochondrial Genome Following Redistribution of Mitochondrial MicroRNA in the Diabetic Heart. Circulation: Cardiovascular Genetics, 2015, 8, 785-802.	5.1	90
2099	Silencing mi<scp>R</scp>â€146a influences <scp>B</scp> cells and ameliorates experimental autoimmune myasthenia gravis. Immunology, 2015, 144, 56-67.	2.0	34
2100	The Lin28/let-7 axis is critical for myelination in the peripheral nervous system. Nature Communications, 2015, 6, 8584.	5.8	36
2101	MicroRNAs in Disease. , 2015, , 17-46.		0
2102	MicroRNA-7 activates Nrf2 pathway by targeting Keap1 expression. Free Radical Biology and Medicine, 2015, 89, 548-556.	1.3	116
2103	Bile Acid Conjugated DNA Chimera that Conditionally Inhibits Carbonic Anhydrase-II in the Presence of MicroRNA-21. Bioconjugate Chemistry, 2015, 26, 1606-1612.	1.8	6
2104	Identifying and targeting tumor-initiating cells in the treatment of breast cancer. Endocrine-Related Cancer, 2015, 22, R135-R155.	1.6	42
2105	Molecular mechanisms of fatty liver in obesity. Frontiers of Medicine, 2015, 9, 275-287.	1.5	24
2106	Motherâ€™s nutritional miRNA legacy: Nutrition during pregnancy and its possible implications to develop cardiometabolic disease in later life. Pharmacological Research, 2015, 100, 322-334.	3.1	21
2107	An overview of the clinical application of antisense oligonucleotides for RNA-targeting therapies. Current Opinion in Pharmacology, 2015, 24, 52-58.	1.7	122
2108	Lipoxin A4 activates alveolar epithelial sodium channel gamma via the microRNA-21/PTEN/AKT pathway in lipopolysaccharide-induced inflammatory lung injury. Laboratory Investigation, 2015, 95, 1258-1268.	1.7	47
2109	MicroRNA Let-7i Negatively Regulates Cardiac Inflammation and Fibrosis. Hypertension, 2015, 66, 776-785.	1.3	98
2110	MicroRNAs in Cardiovascular Disease: From Pathogenesis to Treatment. , 2015, , 231-252.		0
2111	Small RNAs growing tall: miRNAs as drug targets in herpesvirus infections. Current Opinion in Virology, 2015, 15, 41-47.	2.6	2
2112	MicroRNAs as Therapeutic Targets in Colitis and Colitis-Associated Cancer: Tiny Players With a Giant Impact. Gastroenterology, 2015, 149, 859-861.	0.6	7
2113	Dgcr8 and Dicer are essential for sex chromosome integrity during meiosis in males. Journal of Cell Science, 2015, 128, 2314-2327.	1.2	47
2114	The New State of the Art: Cas9 for Gene Activation and Repression. Molecular and Cellular Biology, 2015, 35, 3800-3809.	1.1	197
2115	Site-Directed RNA Editing in Vivo Can Be Triggered by the Light-Driven Assembly of an Artificial Riboprotein. Journal of the American Chemical Society, 2015, 137, 15875-15881.	6.6	63

#	Article	IF	Citations
2116	MicroRNA machinery in Parkinsonâ€™s disease: a platform for neurodegenerative diseases. Expert Review of Neurotherapeutics, 2022, 22, 427-453.	1.4	13
2117	Epigenetic Modifications in Fibrotic Diseases: Implications for Pathogenesis and Pharmacological Targets. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 2-13.	1.3	33
2118	MicroRNAs in liver cancer: a model for investigating pathogenesis and novel therapeutic approaches. Cell Death and Differentiation, 2015, 22, 46-57.	5.0	140
2119	Regulation of cancer metastasis by cell-free miRNAs. Biochimica Et Biophysica Acta: Reviews on Cancer, 2015, 1855, 24-42.	3.3	87
2120	Delivery and Targeting of miRNAs for Treating Liver Fibrosis. Pharmaceutical Research, 2015, 32, 341-361.	1.7	43
2121	miRNAs in Cancer Stem Cells. , 2015, , 137-161.		0
2122	Elevated circulating microRNA-122 is associated with obesity and insulin resistance in young adults. European Journal of Endocrinology, 2015, 172, 291-300.	1.9	117
2123	Contribution of bioinformatics prediction in microRNA-based cancer therapeutics. Advanced Drug Delivery Reviews, 2015, 81, 94-103.	6.6	47
2124	MicroRNA-regulation of Anopheles gambiae immunity to Plasmodium falciparum infection and midgut microbiota. Developmental and Comparative Immunology, 2015, 49, 170-178.	1.0	59
2125	MicroRNA 302a Is a Novel Modulator of Cholesterol Homeostasis and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 323-331.	1.1	88
2126	Disruption of microRNA-21 by TALEN leads to diminished cell transformation and increased expression of cellâ€“environment interaction genes. Cancer Letters, 2015, 356, 506-516.	3.2	31
2127	Ultrasound and Microbubble-Induced Local Delivery of MicroRNA-Based Therapeutics. Ultrasound in Medicine and Biology, 2015, 41, 163-176.	0.7	18
2128	Hepatocellular carcinoma and microRNA: New perspectives on therapeutics and diagnostics. Advanced Drug Delivery Reviews, 2015, 81, 62-74.	6.6	188
2129	miR-122 â€“ A key factor and therapeutic target in liver disease. Journal of Hepatology, 2015, 62, 448-457.	1.8	487
2130	miRâ€148a is upregulated by Twist1 and Tâ€bet and promotes Th1â€cell survival by regulating the proapoptotic gene Bim. European Journal of Immunology, 2015, 45, 1192-1205.	1.6	56
2131	Clinical implications of miRNAs in the pathogenesis, diagnosis and therapy of pancreatic cancer. Advanced Drug Delivery Reviews, 2015, 81, 16-33.	6.6	89
2132	The effects of micro<scp>RNA</scp> on the absorption, distribution, metabolism and excretion of drugs. British Journal of Pharmacology, 2015, 172, 2733-2747.	2.7	32
2133	miRâ€122 decreases HCV entry into hepatocytes through binding to the 3â€² UTR of OCLN <scp>mRNA</scp>. Liver International, 2015, 35, 1315-1323.	1.9	26

#	Article	IF	Citations
2134	Targeted electro-delivery of oligonucleotides for RNA interference: siRNA and antimiR. Advanced Drug Delivery Reviews, 2015, 81, 161-168.	6.6	25
2135	Mast cell plasticity and sphingosine-1-phosphate in immunity, inflammation and cancer. Molecular Immunology, 2015, 63, 104-112.	1.0	40
2136	In vivo delivery of miRNAs for cancer therapy: Challenges and strategies. Advanced Drug Delivery Reviews, 2015, 81, 128-141.	6.6	533
2137	Using artificial microRNA sponges to achieve microRNA loss-of-function in cancer cells. Advanced Drug Delivery Reviews, 2015, 81, 117-127.	6.6	120
2138	Systems analysis reveals down-regulation of a network of pro-survival miRNAs drives the apoptotic response in dilated cardiomyopathy. Molecular BioSystems, 2015, 11, 239-251.	2.9	23
2139	microRNA-103a Functions as a Mechanosensitive microRNA to Inhibit Bone Formation Through Targeting Runx2. Journal of Bone and Mineral Research, 2015, 30, 330-345.	3.1	142
2140	MicroRNA-25 promotes gastric cancer migration, invasion and proliferation by directly targeting transducer of ERBB2, 1 and correlates with poor survival. Oncogene, 2015, 34, 2556-2565.	2.6	122
2141	MicroRNA silencing for cancer therapy targeted to the tumour microenvironment. Nature, 2015, 518, 107-110.	13.7	709
2142	Simultaneous delivery of therapeutic antagomirs with paclitaxel for the management of metastatic tumors by a pH-responsive anti-microbial peptide-mediated liposomal delivery system. Journal of Controlled Release, 2015, 197, 208-218.	4.8	67
2144	In Vitro Antiviral Activity and Preclinical and Clinical Resistance Profile of Miravirsen, a Novel Anti-Hepatitis C Virus Therapeutic Targeting the Human Factor miR-122. Antimicrobial Agents and Chemotherapy, 2015, 59, 599-608.	1.4	185
2145	miRNAs in pancreatic cancer: Therapeutic potential, delivery challenges and strategies. Advanced Drug Delivery Reviews, 2015, 81, 34-52.	6.6	77
2146	miR-124/ATF-6, A Novel Lifespan Extension Pathway ofAstragalusPolysaccharide inCaenorhabditis Elegans. Journal of Cellular Biochemistry, 2015, 116, 242-251.	1.2	40
2147	MicroRNAs in Pulmonary Arterial Hypertension. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 139-151.	1.4	107
2148	Circulating microRNA signature in non-alcoholic fatty liver disease: from serum non-coding RNAs to liver histology and disease pathogenesis. Gut, 2015, 64, 800-812.	6.1	458
2149	Epigenetic therapy as a novel approach in hepatocellular carcinoma. , 2015, 145, 103-119.		59
2150	Epigenetic Regulation of MicroRNAs Controlling CLDN14 Expression as a Mechanism for Renal Calcium Handling. Journal of the American Society of Nephrology: JASN, 2015, 26, 663-676.	3.0	50
2151	Therapeutic microRNAs targeting the NF-kappa B signaling circuits of cancers. Advanced Drug Delivery Reviews, 2015, 81, 1-15.	6.6	34
2153	miRNAs as Nutritional Targets in Aging. , 2016, , 277-291.		3

#	Article	IF	Citations
2154	MicroRNA-mediated interactions between host and hepatitis C virus. World Journal of Gastroenterology, 2016, 22, 1487.	1.4	43
2155	MicroRNA in Inflammatory Bowel Disease. , 0, , .		0
2156	Therapeutics of Epigenetic-Based RNA Molecules. , 2016, , 731-745.		0
2157	Role of microRNAs in inflammation-associated liver cancer. Cancer Biology and Medicine, 2016, 13, 407.	1.4	20
2158	Non-coding RNAs in cancer brain metastasis. Frontiers in Bioscience - Scholar, 2016, 8, 187-202.	0.8	13
2159	Micromanaging cardiac regeneration: Targeted delivery of microRNAs for cardiac repair and regeneration. World Journal of Cardiology, 2016, 8, 163.	0.5	26
2160	Ameliorative effect of grape seed extract on metabolic disorders caused by high fat diet induced obesity in rats by reversing the increase in hepatic miR-33a and miR-122. African Journal of Pharmacy and Pharmacology, 2016, 10, 699-708.	0.2	3
2161	Function, Role, and Clinical Application of MicroRNAs in Vascular Aging. BioMed Research International, 2016, 2016, 1-15.	0.9	55
2162	MicroRNAs as regulators of apoptosis mechanisms in cancer. Medicine and Pharmacy Reports, 2016, 89, 50-55.	0.2	46
2163	The Effect of MicroRNA bantam on Baculovirus AcMNPV Infection in Vitro and in Vivo. Viruses, 2016, 8, 136.	1.5	17
2164	Noncoding RNAs. , 2016, , 305-326.		9
2165	Interferon Control of the Sterol Metabolic Network: Bidirectional Molecular Circuitry-Mediating Host Protection. Frontiers in Immunology, 2016, 7, 634.	2.2	30
2166	MicroRNA Targeting to Modulate Tumor Microenvironment. Frontiers in Oncology, 2016, 6, 3.	1.3	108
2167	The Role of miRNAs in Common Inflammatory Arthropathies: Osteoarthritis and Gouty Arthritis. Biomolecules, 2016, 6, 44.	1.8	21
2168	miR-155: A Novel Target in Allergic Asthma. International Journal of Molecular Sciences, 2016, 17, 1773.	1.8	65
2169	TP53/MicroRNA Interplay in Hepatocellular Carcinoma. International Journal of Molecular Sciences, 2016, 17, 2029.	1.8	26
2170	Hepatitis C Virus Core Protein Promotes miR-122 Destabilization by Inhibiting GLD-2. PLoS Pathogens, 2016, 12, e1005714.	2.1	22
2171	Targeting MicroRNA Function in Respiratory Diseases: Mini-Review. Frontiers in Physiology, 2016, 7, 21.	1.3	63

#	Article	IF	Citations
2172	Time Dependent Distribution of MicroRNA 144 after Intravenous Delivery. MicroRNA (Shariqah, United) Tj ETQq0 0 0 rgBT /Overlock 10	0.6	4
2173	MicroRNA-378 Alleviates Cerebral Ischemic Injury by Negatively Regulating Apoptosis Executioner Caspase-3. International Journal of Molecular Sciences, 2016, 17, 1427.	1.8	37
2174	miRNA-21 as a novel therapeutic target in lung cancer. Lung Cancer: Targets and Therapy, 2016, 7, 19.	1.3	59
2175	MicroRNA Theranostics in Prostate Cancer Precision Medicine. Clinical Chemistry, 2016, 62, 1318-1333.	1.5	47
2176	Development of Antisense Drugs for Dyslipidemia. Journal of Atherosclerosis and Thrombosis, 2016, 23, 1011-1025.	0.9	15
2177	The liverâ€specific microRNAâ€122*, the complementary strand of microRNAâ€122, acts as a tumor suppressor by modulating the p53/mouse double minute 2 homolog circuitry. Hepatology, 2016, 64, 1623-1636.	3.6	48
2178	Endoplasmic reticulum stress related molecular mechanisms in nonalcoholic steatohepatitis. Mechanisms of Ageing and Development, 2016, 157, 17-29.	2.2	66
2179	Downâ€expression of miRâ€154 suppresses tumourigenesis in CD133⁺ glioblastoma stem cells. Cell Biochemistry and Function, 2016, 34, 404-413.	1.4	16
2180	Noncoding RNAs in Regulation of Cancer Metabolic Reprogramming. Advances in Experimental Medicine and Biology, 2016, 927, 191-215.	0.8	29
2182	MicroRNA-210 and its theranostic potential. Expert Opinion on Therapeutic Targets, 2016, 20, 1325-1338.	1.5	19
2183	In Vivo Therapeutic Success of MicroRNAâ€155 Antagomir in a Mouse Model of Lupus Alveolar Hemorrhage. Arthritis and Rheumatology, 2016, 68, 953-964.	2.9	57
2184	MicroRNAâ€122 regulates polyploidization in the murine liver. Hepatology, 2016, 64, 599-615.	3.6	70
2185	Tissue Engineering Approach for ACL Healing. , 2016, , 549-562.		1
2186	MiR-107 down-regulates SIAH1 expression in human breast cancer cells and silencing of miR-107 inhibits tumor growth in a nude mouse model of triple-negative breast cancer. Molecular Carcinogenesis, 2016, 55, 768-777.	1.3	26
2187	Noncoding RNAs Regulating NF-ÎºB Signaling. Advances in Experimental Medicine and Biology, 2016, 927, 317-336.	0.8	7
2188	Viral Noncoding RNAs in Cancer Biology. Advances in Experimental Medicine and Biology, 2016, 927, 367-389.	0.8	8
2189	MicroRNA-153 targeting of KCNQ4 contributes to vascular dysfunction in hypertension. Cardiovascular Research, 2016, 112, 581-589.	1.8	43
2190	The Long and Short Non-coding RNAs in Cancer Biology. Advances in Experimental Medicine and Biology, 2016, , .	0.8	4

#	Article	IF	Citations
2191	Argonaute: The executor of small RNA function. Journal of Genetics and Genomics, 2016, 43, 481-494.	1.7	64
2192	Near-Infrared Ag₂S Quantum Dots-Based DNA Logic Gate Platform for miRNA Diagnostics. Analytical Chemistry, 2016, 88, 7567-7573.	3.2	67
2193	MicroRNAs in Cardiovascular Disease. Journal of the American College of Cardiology, 2016, 68, 2577-2584.	1.2	341
2194	MicroRNAs in lipid metabolism and atherosclerosis. Best Practice and Research in Clinical Endocrinology and Metabolism, 2016, 30, 665-676.	2.2	40
2195	An integrated miRNA functional screening and target validation method for organ morphogenesis. Scientific Reports, 2016, 6, 23215.	1.6	5
2196	Small RNAs/Cancer. , 2016, , 364-374.		0
2197	Systematic analysis of the regulatory functions of microRNAs in chicken hepatic lipid metabolism. Scientific Reports, 2016, 6, 31766.	1.6	36
2198	NCK Associated Protein 1 Modulated by miRNAâ€214 Determines Vascular Smooth Muscle Cell Migration, Proliferation, and Neointima Hyperplasia. Journal of the American Heart Association, 2016, 5, .	1.6	50
2199	Downregulation of miR-221/222 by a microRNA sponge promotes apoptosis in oral squamous cell carcinoma cells through upregulation of PTEN. Oncology Letters, 2016, 12, 4419-4426.	0.8	38
2200	Noncoding RNAs in Heart Failure. Handbook of Experimental Pharmacology, 2016, 243, 423-445.	0.9	39
2201	Ischemia/Reperfusion. , 2016, 7, 113-170.		537
2202	The role of microRNAs in hepatocyte metabolism and hepatitis B virus replication. Virologica Sinica, 2016, 31, 472-479.	1.2	12
2203	Overcoming Resistance to Endocrine Therapy in Breast Cancer: New Approaches to a Nagging Problem. Medical Principles and Practice, 2016, 25, 28-40.	1.1	28
2204	Ageing in relation to skeletal muscle dysfunction: redox homoeostasis to regulation of gene expression. Mammalian Genome, 2016, 27, 341-357.	1.0	29
2205	Targeting MicroRNAs Involved in the BDNF Signaling Impairment in Neurodegenerative Diseases. NeuroMolecular Medicine, 2016, 18, 540-550.	1.8	8
2206	Sepsis-associated cardiac dysfunction is controlled by small RNA molecules. Journal of Molecular and Cellular Cardiology, 2016, 97, 67-69.	0.9	11
2207	Role of Dicer and the miRNA system in neuronal plasticity and brain function. Neurobiology of Learning and Memory, 2016, 135, 3-12.	1.0	40
2208	Targeting non-coding RNA for the therapy of renal disease. Current Opinion in Pharmacology, 2016, 27, 70-77.	1.7	26

#	Article	IF	Citations
2209	Endogenous microRNA sponges: evidence and controversy. Nature Reviews Genetics, 2016, 17, 272-283.	7.7	1,669
2210	RNA interferenceâ€“induced hepatotoxicity results from loss of the first synthesized isoform of microRNA-122 in mice. Nature Medicine, 2016, 22, 557-562.	15.2	32
2211	Inhibition of microRNA-155 ameliorates experimental autoimmune myocarditis by modulating Th17/Treg immune response. Journal of Molecular Medicine, 2016, 94, 1063-1079.	1.7	67
2212	Labeling of target mRNAs using a photo-reactive microRNA probe. Chemical Communications, 2016, 52, 6720-6722.	2.2	11
2213	Liver microRNAs: potential mediators and biomarkers for metabolic and cardiovascular disease?. European Heart Journal, 2016, 37, 3260-3266.	1.0	108
2214	MiRNAs: potential diagnostic and therapeutic targets for cerebral ischaemia. Neurological Research, 2016, 38, 86-92.	0.6	12
2215	The miR-17â^¼92 cluster contributes to MLL leukemia through the repression of MEIS1 competitor PKNOX1. Leukemia Research, 2016, 46, 51-60.	0.4	7
2216	MicroRNA: a connecting road between apoptosis and cholesterol metabolism. Tumor Biology, 2016, 37, 8529-8554.	0.8	11
2217	Aptamer targeting of the elongation factor 1A impairs hepatocarcinoma cells viability and potentiates bortezomib and idarubicin effects. International Journal of Pharmaceutics, 2016, 506, 268-279.	2.6	22
2218	Silencing of microRNA-132 reduces renal fibrosis by selectively inhibiting myofibroblast proliferation. Kidney International, 2016, 89, 1268-1280.	2.6	97
2219	Unraveling the Mysterious Interactions Between Hepatitis C Virus RNA and Liver-Specific MicroRNA-122. Annual Review of Virology, 2016, 3, 309-332.	3.0	50
2220	MicroRNAs and Hepatocellular Carcinoma. , 2016, , 121-137.		0
2221	HNF-4Î± regulated miR-122 contributes to development of gluconeogenesis and lipid metabolism disorders in Type 2 diabetic mice and in palmitate-treated HepG2 cells. European Journal of Pharmacology, 2016, 791, 254-263.	1.7	35
2222	The role of miRNAs in cardiovascular disease risk factors. Atherosclerosis, 2016, 254, 271-281.	0.4	51
2223	microRNA Therapeutics in Cancer â€" An Emerging Concept. EBioMedicine, 2016, 12, 34-42.	2.7	360
2225	Inflammation-Induced Expression and Secretion of MicroRNA 122 Leads to Reduced Blood Levels of Kidney-Derived Erythropoietin and Anemia. Gastroenterology, 2016, 151, 999-1010.e3.	0.6	53
2226	Silencing Myostatin Using Cholesterol-conjugated siRNAs Induces Muscle Growth. Molecular Therapy - Nucleic Acids, 2016, 5, e342.	2.3	62
2227	Circulating microRNAs as biomarkers for metabolic disease. Best Practice and Research in Clinical Endocrinology and Metabolism, 2016, 30, 591-601.	2.2	52

#	Article	IF	Citations
2228	Continuous Delivery of Oligonucleotides into the Brain. Neuromethods, 2016, , 89-117.	0.2	1
2229	Strategies to use microRNAs as therapeutic targets. Best Practice and Research in Clinical Endocrinology and Metabolism, 2016, 30, 551-561.	2.2	40
2230	MicroRNA-29a in Adult Muscle Stem Cells Controls Skeletal Muscle Regeneration During Injury and Exercise Downstream of Fibroblast Growth Factor-2. Stem Cells, 2016, 34, 768-780.	1.4	55
2231	Tiny giants of gene regulation: experimental strategies formicroRNAfunctional studies. Wiley Interdisciplinary Reviews: Developmental Biology, 2016, 5, 311-362.	5.9	60
2232	RNA Profiling in Human and Murine Transplanted Hearts: Identification and Validation of Therapeutic Targets for Acute Cardiac and Renal Allograft Rejection. American Journal of Transplantation, 2016, 16, 99-110.	2.6	49
2233	mi<scp>RNA</scp>â€30e regulates abnormal differentiation of small intestinal epithelial cells in diabetic mice by downregulating Dll4 expression. Cell Proliferation, 2016, 49, 102-114.	2.4	33
2234	<scp>MicroRNAs</scp> in heart failure: from biomarker to target for therapy. European Journal of Heart Failure, 2016, 18, 457-468.	2.9	235
2235	Miravirsen dosing in chronic hepatitis C patients results in decreased micro<scp>RNA</scp>â€122 levels without affecting other micro<scp>RNA</scp>s in plasma. Alimentary Pharmacology and Therapeutics, 2016, 43, 102-113.	1.9	128
2236	The Roles of MicroRNAs and PiRNAs in Virus-Host Interactions. , 2016, , 3-25.		0
2237	MicroRNAs in glioblastoma multiforme pathogenesis and therapeutics. Cancer Medicine, 2016, 5, 1917-1946.	1.3	152
2238	Modified Nucleic Acids in Biology and Medicine. RNA Technologies, 2016, , .	0.2	3
2240	Epigenetic factors in atherogenesis: MicroRNA. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2016, 10, 269-275.	0.2	0
2241	Obesity, NASH, and HCC. , 2016, , 275-286.		0
2242	Non-coding RNAs: Therapeutic Strategies and Delivery Systems. Advances in Experimental Medicine and Biology, 2016, 937, 229-237.	0.8	51
2243	Elevated Mirc1/Mir17-92 cluster expression negatively regulates autophagy and CFTR (cystic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2026-2037.	4.3	61
2245	MicroRNAs in heart failure: Non-coding regulators of metabolic function. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 2276-2287.	1.8	19
2246	Non-coding RNAs in Development and Disease: Background, Mechanisms, and Therapeutic Approaches. Physiological Reviews, 2016, 96, 1297-1325.	13.1	1,426
2247	MicroRNA and Metastasis. Advances in Cancer Research, 2016, 132, 165-207.	1.9	51

#	Article	IF	Citations
2248	BzDANP, a Small-Molecule Modulator of Pre-miR-29a Maturation by Dicer. ACS Chemical Biology, 2016, 11, 2790-2796.	1.6	17
2250	Octamer 4/microRNAâ€1246 signaling axis drives Wnt/Î²â€catenin activation in liver cancer stem cells. Hepatology, 2016, 64, 2062-2076.	3.6	153
2251	miR-181b functions as an oncomiR in colorectal cancer by targeting PDCD4. Protein and Cell, 2016, 7, 722-734.	4.8	58
2252	miR-10b Inhibits Apoptosis and Promotes Proliferation and Invasion of Endometrial Cancer Cells via Targeting HOXB3. Cancer Biotherapy and Radiopharmaceuticals, 2016, 31, 225-231.	0.7	40
2253	Extracellular microRNAs and endothelial hyperglycaemic memory: a therapeutic opportunity?. Diabetes, Obesity and Metabolism, 2016, 18, 855-867.	2.2	57
2254	MicroRNAs and psychiatric disorders: From aetiology to treatment. , 2016, 167, 13-27.		45
2255	Porous Silicon and Polymer Nanocomposites for Delivery of Peptide Nucleic Acids as Antiâ€MicroRNA Therapies. Advanced Materials, 2016, 28, 7984-7992.	11.1	56
2256	miR-106b-5p and miR-17-5p suppress osteogenic differentiation by targeting Smad5 and inhibit bone formation. Experimental Cell Research, 2016, 347, 74-82.	1.2	65
2257	The Medicinal Chemistry of Therapeutic Oligonucleotides. Journal of Medicinal Chemistry, 2016, 59, 9645-9667.	2.9	297
2258	The Emerging Role of Epigenetics in Pulmonary Arterial Hypertension: An Important Avenue for Clinical Trials (2015 Grover Conference Series). Pulmonary Circulation, 2016, 6, 274-284.	0.8	17
2259	miRNAs Related to Skeletal Diseases. Stem Cells and Development, 2016, 25, 1261-1281.	1.1	43
2260	Localization of planarian Î²CATENIN-1 reveals multiple roles during anterior-posterior regeneration and organogenesis. Development (Cambridge), 2016, 143, 4149-4160.	1.2	38
2261	Spherical nucleic acid targeting microRNA-99b enhances intestinal MFG-E8 gene expression and restores enterocyte migration in lipopolysaccharide-induced septic mice. Scientific Reports, 2016, 6, 31687.	1.6	22
2262	Gemcitabine and Antisense-microRNA Co-encapsulated PLGAâ€“PEG Polymer Nanoparticles for Hepatocellular Carcinoma Therapy. ACS Applied Materials & Interfaces, 2016, 8, 33412-33422.	4.0	74
2263	Biomimetic Scaffolds Integrated with Patterns of Exogenous Growth Factors. , 2016, , 255-272.		0
2264	Long Noncoding RNAs in Cardiovascular Pathology, Diagnosis, and Therapy. Circulation, 2016, 134, 1484-1499.	1.6	202
2265	microRNA deep sequencing in two adult stem cell populations identifies miR-501 as novel regulator of myosin heavy chain during muscle regeneration. Development (Cambridge), 2016, 143, 4137-4148.	1.2	16
2266	Cystogenesis. Advances in Experimental Medicine and Biology, 2016, , .	0.8	0

#	Article	IF	Citations
2267	General rules for functional microRNA targeting. Nature Genetics, 2016, 48, 1517-1526.	9.4	116
2268	Identification and profiling of microRNAs from ovary of estrous Kazakh sheep induced by nutritional status in the anestrous season. Animal Reproduction Science, 2016, 175, 18-26.	0.5	17
2269	An endoplasmic reticulum stress-regulated lncRNA hosting a microRNA megacluster induces early features of diabetic nephropathy. Nature Communications, 2016, 7, 12864.	5.8	206
2270	Functional Analysis of Cortical Neuron Migration Using miRNA Silencing. Neuromethods, 2016, , 73-88.	0.2	0
2271	Implications of cancer stem cells in developing therapeutic resistance in oral cancer. Oral Oncology, 2016, 62, 122-135.	0.8	57
2272	Switchable Protecting Strategy for Solid Phase Synthesis of DNA and RNA Interacting Nucleopeptides. Journal of Organic Chemistry, 2016, 81, 11612-11625.	1.7	21
2273	Parental Obesity: Intergenerational Programming and Consequences. , 2016, , .		2
2274	MicroRNA-27a Induces Mesangial Cell Injury by Targeting of PPARÎ³ and its In Vivo Knockdown Prevents Progression of Diabetic Nephropathy. Scientific Reports, 2016, 6, 26072.	1.6	60
2275	Developmental Programming of Nonalcoholic Fatty Liver Disease (NAFLD). , 2016, , 255-288.		0
2276	Differential TGFÎ² pathway targeting by miR-122 in humans and mice affects liver cancer metastasis. Nature Communications, 2016, 7, 11012.	5.8	47
2277	Epigenetic Regulation in Cystogenesis. Advances in Experimental Medicine and Biology, 2016, 933, 59-68.	0.8	9
2278	Urinary miR-16 transactivated by C/EBPÎ² reduces kidney function after ischemia/reperfusionâ€“induced injury. Scientific Reports, 2016, 6, 27945.	1.6	40
2279	Inhibition of Aberrant MicroRNA-133a Expression in Endothelial Cells by Statin Prevents Endothelial Dysfunction by Targeting GTP Cyclohydrolase 1 in Vivo. Circulation, 2016, 134, 1752-1765.	1.6	103
2281	Hepatocellular Carcinoma and Hepatitis C Virus. , 2016, , 109-136.		1
2282	Early diagnosis of Alzheimerâ€™s disease from elevated olfactory mucosal miR-206 level. Scientific Reports, 2016, 6, 20364.	1.6	50
2283	Truths and controversies concerning the role of miRNAs in atherosclerosis and lipid metabolism. Current Opinion in Lipidology, 2016, 27, 623-629.	1.2	7
2284	MicroRNA-148a Suppresses the Proliferation and Migration of Pancreatic Cancer Cells by Down-regulating ErbB3. Pancreas, 2016, 45, 1263-1271.	0.5	26
2285	Serum microRNA panels as potential biomarkers for early detection of hepatocellular carcinoma on top of HCV infection. Tumor Biology, 2016, 37, 12273-12286.	0.8	79

#	Article	IF	Citations
2286	The long noncoding RNA NRF regulates programmed necrosis and myocardial injury during ischemia and reperfusion by targeting miR-873. Cell Death and Differentiation, 2016, 23, 1394-1405.	5.0	188
2287	MicroRNA-128 inhibition attenuates myocardial ischemia/reperfusion injury-induced cardiomyocyte apoptosis by the targeted activation of peroxisome proliferator-activated receptor gamma. Molecular Medicine Reports, 2016, 14, 129-136.	1.1	35
2288	Overexpression of miR-429 impairs intestinal barrier function in diabetic mice by down-regulating occludin expression. Cell and Tissue Research, 2016, 366, 341-352.	1.5	38
2289	microRNAs and the adolescent brain: Filling the knowledge gap. Neuroscience and Biobehavioral Reviews, 2016, 70, 313-322.	2.9	17
2290	MicroRNAs in malignant tumors of the skin. , 2016, , .		0
2291	Expression and functional analysis of the Wnt/beta-catenin induced mir-135a-2 locus in embryonic forebrain development. Neural Development, 2016, 11, 9.	1.1	23
2292	Profiling olfactory stem cells from living patients identifies miRNAs relevant for autism pathophysiology. Molecular Autism, 2016, 7, 1.	2.6	114
2293	Serum microRNAs explain discordance of non-alcoholic fatty liver disease in monozygotic and dizygotic twins: a prospective study. Gut, 2016, 65, 1546-1554.	6.1	75
2294	miR-577 inhibits glioblastoma tumor growth via the Wnt signaling pathway. Molecular Carcinogenesis, 2016, 55, 575-585.	1.3	53
2295	Elevated serum microRNA-122/222 levels are potential diagnostic biomarkers in Egyptian patients with chronic hepatitis C but not hepatic cancer. Tumor Biology, 2016, 37, 9865-9874.	0.8	22
2296	miRNA and cholesterol homeostasis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 2041-2046.	1.2	28
2297	Efficient and specific inhibition of plant microRNA function by anti-microRNA oligonucleotides (AMOs) in vitro and in vivo. Plant Cell Reports, 2016, 35, 933-945.	2.8	17
2298	Dicer and microRNA expression in multiple sclerosis and response to interferon therapy. Journal of Neuroimmunology, 2016, 292, 68-78.	1.1	29
2299	The multiple-hit pathogenesis of non-alcoholic fatty liver disease (NAFLD). Metabolism: Clinical and Experimental, 2016, 65, 1038-1048.	1.5	1,977
2300	Noninvasive visualization of microRNA-155 in multiple kinds of tumors using a radiolabeled anti-miRNA oligonucleotide. Nuclear Medicine and Biology, 2016, 43, 171-178.	0.3	9
2301	Cell-free 3D scaffold with two-stage delivery of miRNA-26a to regenerate critical-sized bone defects. Nature Communications, 2016, 7, 10376.	5.8	203
2302	Orai1, a Direct Target of microRNA-519, Promotes Progression of Colorectal Cancer via Akt/GSK3Î² Signaling Pathway. Digestive Diseases and Sciences, 2016, 61, 1553-1560.	1.1	25
2303	Reciprocal Regulation between SIRT6 and miR-122 Controls Liver Metabolism and Predicts Hepatocarcinoma Prognosis. Cell Reports, 2016, 14, 234-242.	2.9	73

#	Article	IF	Citations
2304	Mini-review: emerging roles of microRNAs in the pathophysiology of renal diseases. American Journal of Physiology - Renal Physiology, 2016, 310, F109-F118.	1.3	79
2305	Increased local delivery of antagomir therapeutics to the rodent myocardium using ultrasound and microbubbles. Journal of Controlled Release, 2016, 222, 18-31.	4.8	30
2306	miR-155 targets Caspase-3 mRNA in activated macrophages. RNA Biology, 2016, 13, 43-58.	1.5	40
2307	Characteristics of microRNAs and their potential relevance for the diagnosis and therapy of the acute respiratory distress syndrome: from bench to bedside. Translational Research, 2016, 169, 102-111.	2.2	29
2308	Macrophage miRNAs in atherosclerosis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 2087-2093.	1.2	22
2309	Developments in miRNA gene signaling pathways in pancreatic cancer. Future Oncology, 2016, 12, 1135-1150.	1.1	24
2310	Micro-RNAs in abdominal aortic aneurysms: insights from animal models and relevance to human disease. Cardiovascular Research, 2016, 110, 165-177.	1.8	51
2311	Polysome shift assay for direct measurement of miRNA inhibition by anti-miRNA drugs. Nucleic Acids Research, 2016, 44, e13-e13.	6.5	16
2312	Imaging Dendrimer-Grafted Graphene Oxide Mediated Anti-miR-21 Delivery With an Activatable Luciferase Reporter. ACS Applied Materials & Interfaces, 2016, 8, 9014-9021.	4.0	69
2313	Identification and differential expression of microRNAs associated with fat deposition in the liver of Wistar rats with nonalcoholic fatty liver disease. Gene, 2016, 585, 1-8.	1.0	7
2314	Upregulation of MiRâ€122 via Trichostatin A Treatments in Hepatocyteâ€like Cells Derived from Mesenchymal Stem Cells. Chemical Biology and Drug Design, 2016, 87, 296-305.	1.5	36
2315	In silico prediction of microRNAs on fluoride induced sperm toxicity in mice. Food and Chemical Toxicology, 2016, 98, 34-49.	1.8	18
2316	Evaluation of the effects of chemically different linkers on hepatic accumulations, cell tropism and gene silencing ability of cholesterol-conjugated antisense oligonucleotides. Journal of Controlled Release, 2016, 226, 57-65.	4.8	32
2317	Vascular complications in diabetes: Microparticles and microparticle associated microRNAs as active players. Biochemical and Biophysical Research Communications, 2016, 472, 1-10.	1.0	57
2318	Microtargeting cancer metabolism: opening new therapeutic windows based on lipid metabolism. Journal of Lipid Research, 2016, 57, 193-206.	2.0	38
2319	Post-transcriptional Regulation of Glucocorticoid Function. , 2016, , 277-313.		0
2320	Synthesis and evaluation of methylene blue oligonucleotide conjugates for DNA interstrand cross-linking. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 318, 64-70.	2.0	8
2321	Nanoparticle delivery of miR-223 to attenuate macrophage fusion. Biomaterials, 2016, 89, 127-135.	5.7	25

#	Article	IF	Citations
2322	MiR-122 targets the vanin 1 gene to regulate its expression in chickens. Poultry Science, 2016, 95, 1145-1150.	1.5	12
2323	MicroRNAs regulating apolipoprotein B-containing lipoprotein production. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 2062-2068.	1.2	16
2324	A new plasmid-based microRNA inhibitor system that inhibits microRNA families in transgenic mice and cells: a potential new therapeutic reagent. Gene Therapy, 2016, 23, 527-542.	2.3	32
2326	Genetic and epigenetic mechanisms of NASH. Hepatology International, 2016, 10, 394-406.	1.9	46
2327	Post-transcriptional Regulation of Steroid Hormone Receptors. , 2016, , 91-107.		2
2328	Targeting epigenetic regulators for cancer therapy: modulation of bromodomain proteins, methyltransferases, demethylases, and microRNAs. Expert Opinion on Therapeutic Targets, 2016, 20, 783-799.	1.5	50
2329	Circulating microRNAs as novel biomarkers for bone diseases â€“ Complex signatures for multifactorial diseases?. Molecular and Cellular Endocrinology, 2016, 432, 83-95.	1.6	137
2330	Muscle-specific microRNAs in skeletal muscle development. Developmental Biology, 2016, 410, 1-13.	0.9	389
2331	Non-coding RNAs as modulators of the cardiac fibroblast phenotype. Journal of Molecular and Cellular Cardiology, 2016, 92, 75-81.	0.9	41
2332	Circadian mRNA expression: insights from modeling and transcriptomics. Cellular and Molecular Life Sciences, 2016, 73, 497-521.	2.4	27
2333	Decreased MicroRNA-26a expression causes cisplatin resistance in human non-small cell lung cancer. Cancer Biology and Therapy, 2016, 17, 515-525.	1.5	38
2334	Liver microRNA-21 is overexpressed in non-alcoholic steatohepatitis and contributes to the disease in experimental models by inhibiting PPARÎ± expression. Gut, 2016, 65, 1882-1894.	6.1	140
2335	MicroRNAs as biomarkers of hepatotoxicity in a randomized placebo-controlled study of simvastatin and ubiquinol supplementation. Experimental Biology and Medicine, 2016, 241, 317-330.	1.1	20
2336	Evaluation of miR-122 as a Serum Biomarker for Hepatotoxicity in Investigative Rat Toxicology Studies. Veterinary Pathology, 2016, 53, 211-221.	0.8	38
2337	Antisense technologies in the studying of Toxoplasma gondii. Journal of Microbiological Methods, 2017, 138, 93-99.	0.7	0
2338	MicroRNAs as novel targets and tools in cancer therapy. Cancer Letters, 2017, 387, 84-94.	3.2	100
2339	MicroRNAs and liver disease. Journal of Human Genetics, 2017, 62, 75-80.	1.1	63
2340	Adaptive evolution and functional innovation of Populusâ€specific recently evolved micro<scp>RNA</scp>s. New Phytologist, 2017, 213, 206-219.	3.5	36

#	Article	IF	Citations
2341	Deciphering the molecular signaling pathways in breast cancer pathogenesis and their role in diagnostic and treatment modalities. Gene Reports, 2017, 7, 1-17.	0.4	4
2342	In vitro 3D model and miRNA drug delivery to target calcific aortic valve disease. Clinical Science, 2017, 131, 181-195.	1.8	24
2343	MicroRNAs. Circulation Research, 2017, 120, 5-7.	2.0	10
2344	Safety, tolerability, and antiviral effect of RG-101 in patients with chronic hepatitis C: a phase 1B, double-blind, randomised controlled trial. Lancet, The, 2017, 389, 709-717.	6.3	204
2345	Epigenetic aspects of rheumatoid arthritis: contribution of non-coding RNAs. Seminars in Arthritis and Rheumatism, 2017, 46, 724-731.	1.6	28
2346	Noncoding <scp>RNA</scp>s and immune checkpointsâ€"clinical implications as cancer therapeutics. FEBS Journal, 2017, 284, 1952-1966.	2.2	99
2347	Exploiting microRNAs As Cancer Therapeutics. Targeted Oncology, 2017, 12, 163-178.	1.7	18
2348	miR-199b-5p is a regulator of left ventricular remodeling following myocardial infarction. Non-coding RNA Research, 2017, 2, 18-26.	2.4	24
2349	Dicer1/miR-29/HMGCR axis contributes to hepatic free cholesterol accumulation in mouse non-alcoholic steatohepatitis. Acta Pharmacologica Sinica, 2017, 38, 660-671.	2.8	43
2350	Decreased lipid metabolism but increased FA biosynthesis are coupled with changes in liver microRNAs in obese subjects with NAFLD. International Journal of Obesity, 2017, 41, 620-630.	1.6	101
2351	Lung cancer and miRNAs: a possible remedy for anti-metastatic, therapeutic and diagnostic applications. Expert Review of Respiratory Medicine, 2017, 11, 147-157.	1.0	40
2352	Circulating MicroRNAs to Predict the Risk for Metabolic Diseases in the General Population?. Diabetes, 2017, 66, 565-567.	0.3	7
2353	The Efficacy of Cardiac Anti-miR-208a Therapy Is Stress Dependent. Molecular Therapy, 2017, 25, 694-704.	3.7	22
2354	miRâ€127â€5p negatively regulates enterovirus 71 replication by directly targeting <scp>SCARB</scp>2. FEBS Open Bio, 2017, 7, 747-758.	1.0	11
2355	Liver regeneration. , 2017, , 93-109.e7.		2
2356	MicroRNA-34a targets regulator of calcineurin 1 to modulate endothelial inflammation after fetal cardiac bypass in goat placenta. Placenta, 2017, 51, 49-56.	0.7	15
2357	MicroRNA therapeutics: towards a new era for the management of cancer and other diseases. Nature Reviews Drug Discovery, 2017, 16, 203-222.	21.5	3,558
2358	Biological roles of microRNAs in the control of insulin secretion and action. Physiological Genomics, 2017, 49, 1-10.	1.0	33

#	Article	IF	Citations
2359	A comparison of serum miRNAs influencing metastatic growth of EMT6 vs 4THM tumor cells in wild-type and CD200R1KO mice. Breast Cancer Research and Treatment, 2017, 162, 255-266.	1.1	12
2360	The Influence of Extracellular RNA on Cell Behavior in Health, Disease, and Regeneration. Current Pathobiology Reports, 2017, 5, 13-22.	1.6	6
2361	A Functional MicroRNA Screening Method for Organ Morphogenesis. Current Protocols in Cell Biology, 2017, 74, 19.19.1-19.19.17.	2.3	4
2362	MicroRNAs driving invasion and metastasis in ovarian cancer: Opportunities for translational medicine (Review). International Journal of Oncology, 2017, 50, 1461-1476.	1.4	36
2363	Current Status and Perspectives Regarding LNAâ€Antiâ€miR Oligonucleotides and microRNA miRâ€21 Inhibitors as a Potential Therapeutic Option in Treatment of Colorectal Cancer. Journal of Cellular Biochemistry, 2017, 118, 4129-4140.	1.2	25
2364	Non-coding RNA in hepatocellular carcinoma: Mechanisms, biomarkers and therapeutic targets. Journal of Hepatology, 2017, 67, 603-618.	1.8	292
2366	MicroRNA Profiling in Asthma: Potential Biomarkers and Therapeutic Targets. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 642-650.	1.4	55
2367	Improved microRNA suppression by WPRE-linked tough decoy microRNA sponges. Rna, 2017, 23, 1247-1258.	1.6	11
2368	miR-141 promotes colon cancer cell proliferation by inhibiting MAP2K4. Oncology Letters, 2017, 13, 1665-1671.	0.8	43
2369	miRNAs associated with prostate cancer risk and progression. BMC Urology, 2017, 17, 18.	0.6	79
2370	Role of MicroRNAs in the development and function of innate immune cells. International Reviews of Immunology, 2017, 36, 154-175.	1.5	32
2371	An Assessment of the Next Generation of Animal miRNA Target Prediction Algorithms. Methods in Molecular Biology, 2017, 1580, 175-191.	0.4	2
2372	miR-19a promotes colorectal cancer proliferation and migration by targeting TIA1. Molecular Cancer, 2017, 16, 53.	7.9	148
2373	Sustained expression of miR-26a promotes chromosomal instability and tumorigenesis through regulation of CHFR. Nucleic Acids Research, 2017, 45, gkx022.	6.5	15
2374	Circulating MicroRNA-122 Is Associated With the Risk of New-Onset Metabolic Syndrome and Type 2 Diabetes. Diabetes, 2017, 66, 347-357.	0.3	199
2375	Generation of Efficient miRNA Inhibitors Using Tough Decoy Constructs. Methods in Molecular Biology, 2017, 1521, 41-53.	0.4	9
2376	FOXOs in the impaired heart: New therapeutic targets for cardiac diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 486-498.	1.8	51
2377	MicroRNA-targeted therapeutics for lung cancer treatment. Expert Opinion on Drug Discovery, 2017, 12, 141-157.	2.5	37

#	Article	IF	Citations
2378	Environmental toxicants, incidence of degenerative diseases, and therapies from the epigenetic point of view. Archives of Toxicology, 2017, 91, 2577-2597.	1.9	42
2379	Role and Regulation of MicroRNAs in Aldosterone-Mediated Cardiac Injury and Dysfunction in Male Rats. Endocrinology, 2017, 158, 1859-1874.	1.4	22
2380	Noncoding RNAs in Cholesterol Metabolism and Atherosclerosis. Cardiac and Vascular Biology, 2017, , 21-37.	0.2	0
2381	TGF-Î²-induced hepatocyte lincRNA-p21 contributes to liver fibrosis in mice. Scientific Reports, 2017, 7, 2957.	1.6	36
2382	Involvement of MicroRNAs in Diabetes and Its Complications. Methods in Molecular Biology, 2017, 1617, 225-239.	0.4	18
2383	MicroRNA Regulatory Networks as Biomarkers in Obesity: The Emerging Role. Methods in Molecular Biology, 2017, 1617, 241-260.	0.4	7
2384	Nutriepigenomics and malnutrition. Epigenomics, 2017, 9, 893-917.	1.0	18
2387	Simultaneous Imaging of Endogenous Survivin mRNA and On-Demand Drug Release in Live Cells by Using a Mesoporous Silica Nanoquencher. Small, 2017, 13, 1700569.	5.2	42
2388	MicroRNA-15a/16-1 Antagomir Ameliorates Ischemic Brain Injury in Experimental Stroke. Stroke, 2017, 48, 1941-1947.	1.0	70
2389	MicroRNA-122 ameliorates corneal allograft rejection through the downregulation of its target CPEB1. Cell Death Discovery, 2017, 3, 17021.	2.0	16
2390	New methods in the diagnosis of cancer and gene therapy of cancer based on nanoparticles. Cancer Gene Therapy, 2017, 24, 233-243.	2.2	155
2391	microRNA inhibitors: Natural and artificial sequestration of microRNA. Cancer Letters, 2017, 407, 139-147.	3.2	46
2392	Therapeutic miRNA and siRNA: Moving from Bench to Clinic as Next Generation Medicine. Molecular Therapy - Nucleic Acids, 2017, 8, 132-143.	2.3	600
2393	Blocking Zebrafish MicroRNAs with Morpholinos. Methods in Molecular Biology, 2017, 1565, 59-78.	0.4	8
2394	Effects of miR-21 downregulation and silibinin treatment in breast cancer cell lines. Cytotechnology, 2017, 69, 667-680.	0.7	21
2395	Plasma MicroRNA signature predicting weight gain among Mexicanâ€American women. Obesity, 2017, 25, 958-964.	1.5	15
2396	MiR-146a/b: a family with shared seeds and different roots. Physiological Genomics, 2017, 49, 243-252.	1.0	98
2398	Roles of microRNAs in cancer associated fibroblasts of gastric cancer. Pathology Research and Practice, 2017, 213, 730-736.	1.0	20

#	Article	IF	Citations
2399	Diverse Applications of Nanomedicine. ACS Nano, 2017, 11, 2313-2381.	7.3	976
2400	Let-7 and MicroRNA-148 Regulate Parathyroid Hormone Levels in Secondary Hyperparathyroidism. Journal of the American Society of Nephrology: JASN, 2017, 28, 2353-2363.	3.0	36
2401	The role of micro<scp>RNA</scp>s in Anopheles biologyâ€"an emerging research field. Parasite Immunology, 2017, 39, e12405.	0.7	11
2402	Drug Target miRNA. Methods in Molecular Biology, 2017, , .	0.4	2
2403	MicroRNAs-mediated epithelial-mesenchymal transition in fibrotic diseases. European Journal of Pharmacology, 2017, 796, 190-206.	1.7	54
2404	Assessing Anti-miR Pharmacology with miRNA Polysome Shift Assay. Methods in Molecular Biology, 2017, 1517, 103-113.	0.4	3
2405	microRNAs and Angiogenesis. , 2017, , 69-84.		2
2406	Circadian rhythms and gene expression during mouse molar tooth development. Acta Odontologica Scandinavica, 2017, 75, 144-153.	0.9	16
2407	Role of miRNAs in the pathogenesis and susceptibility of diabetes mellitus. Journal of Human Genetics, 2017, 62, 141-150.	1.1	68
2408	miRNA Targeting Drugs: The Next Blockbusters?. Methods in Molecular Biology, 2017, 1517, 3-22.	0.4	23
2409	Determination of Anti-miR Association with miRNA/Argonaute Complexes In Vivo. Methods in Molecular Biology, 2017, 1517, 79-89.	0.4	0
2410	Assessing the Off-Target Effects of miRNA Inhibitors on Innate Immune Toll-Like Receptors. Methods in Molecular Biology, 2017, 1517, 127-135.	0.4	6
2411	Quantification of Oligonucleotide Association with miRNAâ€"Argonaute Complexes In Vitro. Methods in Molecular Biology, 2017, 1517, 71-78.	0.4	0
2412	microRNAs in cardiovascular disease â€" clinical application. Clinical Chemistry and Laboratory Medicine, 2017, 55, 687-704.	1.4	92
2413	Blockade of the IL-1R1/TLR4 pathway mediates disease-modification therapeutic effects in a model of acquired epilepsy. Neurobiology of Disease, 2017, 99, 12-23.	2.1	149
2415	Photocrosslinkable, biodegradable hydrogels with controlled cell adhesivity for prolonged siRNA delivery to hMSCs to enhance their osteogenic differentiation. Journal of Materials Chemistry B, 2017, 5, 485-495.	2.9	22
2416	Antagonists of the miRNA-Argonaute 2 Protein Complex: Anti-miR-AGOs. Methods in Molecular Biology, 2017, 1517, 239-249.	0.4	0
2417	MicroRNAs 33, 122, and 208: a potential novel targets in the treatment of obesity, diabetes, and heart-related diseases. Journal of Physiology and Biochemistry, 2017, 73, 307-314.	1.3	27

#	Article	IF	Citations
2418	microRNAs in lipoprotein and lipid metabolism: from biological function to clinical application. Clinical Chemistry and Laboratory Medicine, 2017, 55, 667-686.	1.4	36
2419	MicroRNA Dysregulation in Aging and Pathologies of the Skeletal Muscle. International Review of Cell and Molecular Biology, 2017, 334, 265-308.	1.6	10
2420	A Macro View of MicroRNAs: The Discovery of MicroRNAs and Their Role in Hematopoiesis and Hematologic Disease. International Review of Cell and Molecular Biology, 2017, 334, 99-175.	1.6	58
2421	The Chemistry of Oligonucleotide Delivery. Annual Reports in Medicinal Chemistry, 2017, 50, 17-59.	0.5	3
2422	The role of miR-214 in cardiovascular diseases. European Journal of Pharmacology, 2017, 816, 138-145.	1.7	54
2423	FolamiRs: Ligand-targeted, vehicle-free delivery of microRNAs for the treatment of cancer. Science Translational Medicine, 2017, 9, .	5.8	73
2424	MicroRNA-122a Regulates Zonulin by Targeting EGFR in Intestinal Epithelial Dysfunction. Cellular Physiology and Biochemistry, 2017, 42, 848-858.	1.1	24
2425	Classical VEGF, Notch and Ang signalling in cancer angiogenesis, alternative approaches and future directions. Molecular Medicine Reports, 2017, 16, 4393-4402.	1.1	60
2426	Precursor microRNA-122 inhibits synthesis of Insig1 isoform mRNA by modulating polyadenylation site usage. Rna, 2017, 23, 1886-1893.	1.6	4
2427	MicroRNAs and Cancer: A Long Story for Short RNAs. Advances in Cancer Research, 2017, 135, 1-24.	1.9	77
2428	Effective Anti-miRNA Oligonucleotides Show High Releasing Rate of MicroRNA from RNA-Induced Silencing Complex. Nucleic Acid Therapeutics, 2017, 27, 303-308.	2.0	12
2429	Analysis of circulating miRNAs in patients with familial hypercholesterolaemia treated by LDL/Lp(a) apheresis. Atherosclerosis Supplements, 2017, 30, 128-134.	1.2	11
2430	Argonaute CLIP Defines a Deregulated miR-122-Bound Transcriptome that Correlates with Patient Survival in Human Liver Cancer. Molecular Cell, 2017, 67, 400-410.e7.	4.5	64
2431	MicroRNAs as Multifaceted Players in Glioblastoma Multiforme. International Review of Cell and Molecular Biology, 2017, 333, 269-323.	1.6	21
2432	MicroRNAs in the skin: role in development, homoeostasis and regeneration. Clinical Science, 2017, 131, 1923-1940.	1.8	31
2433	MicroRNA: Basic concepts and implications for regeneration and repair of neurodegenerative diseases. Biochemical Pharmacology, 2017, 141, 118-131.	2.0	55
2434	p53 and Mdm2 act synergistically to maintain cardiac homeostasis and mediate cardiomyocyte cell cycle arrest through a network of microRNAs. Cell Cycle, 2017, 16, 1585-1600.	1.3	17
2435	MicroRNA-210 Targets Ten-Eleven Translocation Methylcytosine Dioxygenase 1 and Suppresses Pregnancy-Mediated Adaptation of Large Conductance Ca ²⁺ -Activated K ⁺ Channel Expression and Function in Ovine Uterine Arteries. Hypertension, 2017, 70, 601-612.	1.3	34

#	Article	IF	Citations
2436	MicroRNAs as stress regulators in pancreatic beta cells and diabetes. Molecular Metabolism, 2017, 6, 1010-1023.	3.0	129
2437	Anti-leukemic activity of microRNA-26a in a chronic lymphocytic leukemia mouse model. Oncogene, 2017, 36, 6617-6626.	2.6	22
2438	Animal Models to Study MicroRNA Function. Advances in Cancer Research, 2017, 135, 53-118.	1.9	53
2439	Functional integration of complex miRNA networks in central and peripheral lesion and axonal regeneration. Progress in Neurobiology, 2017, 158, 69-93.	2.8	40
2440	Metabolic Circuit Involving Free Fatty Acids, microRNA 122, and Triglyceride Synthesis in Liver and Muscle Tissues. Gastroenterology, 2017, 153, 1404-1415.	0.6	80
2441	miRNAs: Nanomachines That Micromanage the Pathophysiology of Diabetes Mellitus. Advances in Clinical Chemistry, 2017, 82, 199-264.	1.8	12
2442	CCL2 is Upregulated by Decreased miR-122 Expression in Iron-Overload-Induced Hepatic Inflammation. Cellular Physiology and Biochemistry, 2017, 44, 870-883.	1.1	21
2443	Literature review of baseline information to support the risk assessment of RNAiâ€based GM plants. EFSA Supporting Publications, 2017, 14, 1246E.	0.3	15
2444	Therapeutic targeting of non-coding RNAs in cancer. Biochemical Journal, 2017, 474, 4219-4251.	1.7	228
2445	Genetic and pharmacological inhibition of microRNA-92a maintains podocyte cell cycle quiescence and limits crescentic glomerulonephritis. Nature Communications, 2017, 8, 1829.	5.8	50
2446	Role of circulatory microRNAs in the pathogenesis of hepatitis C virus. VirusDisease, 2017, 28, 360-367.	1.0	8
2447	Nanogel-antimiR-31 conjugates affect colon cancer cells behaviour. RSC Advances, 2017, 7, 52039-52047.	1.7	17
2448	Systematic analysis of the molecular mechanism of microRNAâ€'124 in hepatoblastoma cells. Oncology Letters, 2017, 14, 7161-7170.	0.8	4
2449	Implication of microRNAs in the development and potential treatment of radiation-induced heart disease. Canadian Journal of Physiology and Pharmacology, 2017, 95, 1236-1244.	0.7	22
2450	miR-582-5p inhibits invasion and migration of salivary adenoid cystic carcinoma cells by targeting FOXC1. Japanese Journal of Clinical Oncology, 2017, 47, 690-698.	0.6	31
2451	Small RNA sequencing reveals a role for sugarcane miRNAs and their targets in response to Sporisorium scitamineum infection. BMC Genomics, 2017, 18, 325.	1.2	34
2452	MicroRNA-275 and its target Vitellogenin-2 are crucial in ovary development and blood digestion of Haemaphysalis longicornis. Parasites and Vectors, 2017, 10, 253.	1.0	21
2453	The role of microRNAs in liver injury at the crossroad between hepatic cell death and regeneration. Biochemical and Biophysical Research Communications, 2017, 482, 399-407.	1.0	25

#	Article	IF	Citations
2454	MicroRNAs and Cancer. , 2017, , 277-286.		11
2455	Regulation of <scp>mRNA</scp> turnover in cystic fibrosis lung disease. Wiley Interdisciplinary Reviews RNA, 2017, 8, e1408.	3.2	1
2456	Pharmacology of Antisense Drugs. Annual Review of Pharmacology and Toxicology, 2017, 57, 81-105.	4.2	318
2457	Epigenetics in fibrosis. Molecular Aspects of Medicine, 2017, 54, 89-102.	2.7	52
2458	Micro<scp>RNA</scp>s in a hypertrophic heart: from foetal life to adulthood. Biological Reviews, 2017, 92, 1314-1331.	4.7	8
2459	Micro<scp>RNA</scp>s in metabolism. Acta Physiologica, 2017, 219, 346-361.	1.8	302
2460	Epigenetics in non-alcoholic fatty liver disease. Molecular Aspects of Medicine, 2017, 54, 78-88.	2.7	98
2461	The impact of chronic hepatitis C infection on cholesterol metabolism in PBMCs is associated with microRNA-146a expression. European Journal of Clinical Microbiology and Infectious Diseases, 2017, 36, 697-702.	1.3	13
2462	Liposome-based drug co-delivery systems in cancer cells. Materials Science and Engineering C, 2017, 71, 1327-1341.	3.8	242
2464	miRNA. , 2017, , 329-343.		2
2465	miR-647 and miR-1914 promote cancer progression equivalently by downregulating nuclear factor IX in colorectal cancer. Molecular Medicine Reports, 2017, 16, 8189-8199.	1.1	17
2466	Genetic and Epigenetic Associations of NAFLD: Focus on Clinical Decision Making. Current Hepatology Reports, 2017, 16, 335-345.	0.4	0
2468	Importance of MicroRNAs in Hepatitis B and C Diagnostics and Treatment. , 0, , .		5
2469	Breast Cancer: From Transcriptional Control to Clinical Outcome. , 2017, , .		1
2470	An Overall View of the Regulation of Hepatic Lipid Metabolism in Chicken Revealed by New-Generation Sequencing. , 2017, , .		5
2471	Nanoparticles for ribozymes delivery. , 2017, , 135-150.		2
2472	Specific Depletion of Leukemic Stem Cells: Can MicroRNAs Make the Difference?. Cancers, 2017, 9, 74.	1.7	7
2473	microRNA Decay: Refining microRNA Regulatory Activity. MicroRNA (Shariqah, United Arab Emirates), 2017, 5, 167-174.	0.6	20

#	Article	IF	Citations
2474	MicroRNA-647 Targets SRF-MYH9 Axis to Suppress Invasion and Metastasis of Gastric Cancer. Theranostics, 2017, 7, 3338-3353.	4.6	78
2475	MicroRNAs in Kidney Function and Disease. , 2017, , 39-53.		1
2476	MicroRNAs in the Pathogenesis, Diagnosis, and Treatment of Liver Disease. , 2017, , 55-92.		1
2477	Clinical Application of MicroRNAs in Liver Diseases. , 2017, , 93-133.		0
2478	The Clinical Potential of Heart Failureâ€"Related miRNAs. , 2017, , 283-328.		0
2479	The â€œMetabolic Memoryâ€•Theory and the Early Treatment of Hyperglycemia in Prevention of Diabetic Complications. Nutrients, 2017, 9, 437.	1.7	169
2480	Epithelial-to-Mesenchymal Transition and MicroRNAs in Lung Cancer. Cancers, 2017, 9, 101.	1.7	56
2481	Targeting MicroRNAs in Cancer Gene Therapy. Genes, 2017, 8, 21.	1.0	147
2482	Epigenetics and Vascular Diseases: Influence of Non-coding RNAs and Their Clinical Implications. Frontiers in Cardiovascular Medicine, 2017, 4, 26.	1.1	18
2483	Colorectal Cancer: From the Genetic Model to Posttranscriptional Regulation by Noncoding RNAs. BioMed Research International, 2017, 2017, 1-38.	0.9	40
2484	A Downmodulated MicroRNA Profiling in Patients with Gastric Cancer. Gastroenterology Research and Practice, 2017, 2017, 1-8.	0.7	28
2485	Antitumor effect of a new nano-vector with miRNA-135a on malignant glioma. International Journal of Nanomedicine, 2018, Volume 13, 209-220.	3.3	18
2486	Aerosol Delivery of siRNA to the Lungs. Part 2: Nanocarrier-based Delivery Systems. KONA Powder and Particle Journal, 2017, 34, 44-69.	0.9	19
2487	Head and Neck Cancer: Epidemiology and Role of MicroRNAs. , 2017, , .		1
2488	Epigenetics in Liver Disease. , 2017, , 199-211.		1
2489	miR-155 Modifies Inflammation, Endothelial Activation and Blood-Brain Barrier Dysfunction in Cerebral Malaria. Molecular Medicine, 2017, 23, 24-33.	1.9	70
2490	Targeting noncoding RNAs in disease. Journal of Clinical Investigation, 2017, 127, 761-771.	3.9	527
2491	Noncoding RNAs in Lung Cancer Angiogenesis. , 0, , .		3

#	Article	IF	Citations
2492	The oocyte-to-embryo transition in mouse: past, present, and futureâ€. Biology of Reproduction, 2018, 99, 160-174.	1.2	120
2493	Tapping the RNA world for therapeutics. Nature Structural and Molecular Biology, 2018, 25, 357-364.	3.6	147
2494	Locked nucleic acid -anti- let-7a induces apoptosis and necrosis in macrophages infected with Leishmania major. Microbial Pathogenesis, 2018, 119, 193-199.	1.3	10
2495	Targeting Alzheimer's disease with gene and cell therapies. Journal of Internal Medicine, 2018, 284, 2-36.	2.7	42
2496	MicroRNAs: crucial regulators of placental development. Reproduction, 2018, 155, R259-R271.	1.1	125
2497	The noncoding-RNA landscape in cardiovascular health and disease. Non-coding RNA Research, 2018, 3, 12-19.	2.4	24
2498	Reply. Gastroenterology, 2018, 154, 1553-1554.	0.6	0
2499	Bright-field in situ hybridization detects gene alterations and viral infections useful for personalized management of cancer patients. Expert Review of Molecular Diagnostics, 2018, 18, 259-277.	1.5	4
2500	Traumatic brain injury: classification, models, and markers. Biochemistry and Cell Biology, 2018, 96, 391-406.	0.9	100
2502	Induction of microRNA-199 by Nitric Oxide in Endothelial Cells Is Required for Nitrovasodilator Resistance via Targeting of Prostaglandin I2 Synthase. Circulation, 2018, 138, 397-411.	1.6	28
2503	Development of Targeted Therapies Based on Gene Modification. Methods in Molecular Biology, 2018, 1706, 39-51.	0.4	1
2504	Statins differentially modulate microRNAs expression in peripheral cells of hyperlipidemic subjects: A pilot study. European Journal of Pharmaceutical Sciences, 2018, 117, 55-61.	1.9	22
2505	miR-137 regulates ferroptosis by targeting glutamine transporter SLC1A5 in melanoma. Cell Death and Differentiation, 2018, 25, 1457-1472.	5.0	308
2506	Shifting sands: the complexities and uncertainties of the evolving US regulatory, policy, and scientific landscape for biospecimen research. Diagnostic Histopathology, 2018, 24, 136-148.	0.2	5
2507	miR-208a-3p Suppresses Osteoblast Differentiation and Inhibits Bone Formation by Targeting ACVR1. Molecular Therapy - Nucleic Acids, 2018, 11, 323-336.	2.3	36
2508	miR-25 Tough Decoy Enhances Cardiac Function in Heart Failure. Molecular Therapy, 2018, 26, 718-729.	3.7	35
2509	Persistent induction of goblet cell differentiation in the airways: Therapeutic approaches. , 2018, 185, 155-169.		24
2510	MiR-199-3p replacement affects E-cadherin expression through Notch1 targeting in hepatocellular carcinoma. Acta Histochemica, 2018, 120, 95-102.	0.9	22

#	Article	IF	Citations
2511	Using Genome Sequence to Enable the Design of Medicines and Chemical Probes. Chemical Reviews, 2018, 118, 1599-1663.	23.0	64
2512	Acute downregulation of miR-155 leads to a reduced collagen synthesis through attenuating macrophages inflammatory factor secretion by targeting SHIP1. Journal of Molecular Histology, 2018, 49, 165-174.	1.0	11
2513	Chemical modifications of nucleic acid drugs and their delivery systems for geneâ€based therapy. Medicinal Research Reviews, 2018, 38, 829-869.	5.0	108
2514	Non-coding RNAs in hepatocellular carcinoma: molecular functions and pathological implications. Nature Reviews Gastroenterology and Hepatology, 2018, 15, 137-151.	8.2	325
2515	MicroRNA-based therapeutics in central nervous system injuries. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1125-1148.	2.4	173
2516	Selective Synthesis of Monoadduct Derivatives of Triaminopentanoic Acid Anhydride for Time-resolved Fluorescence-mediated Polymer Concentration Measurement. Chemistry Letters, 2018, 47, 836-839.	0.7	0
2517	MicroRNA sponge knockdowns miR-483-5p and upregulates serum ALT/AST in transgenic mice. Biochemistry (Moscow), 2018, 83, 54-59.	0.7	2
2518	MicroRNAs in type 2 immunity. Cancer Letters, 2018, 425, 116-124.	3.2	12
2519	HSV-1-encoded microRNA miR-H1 targets Ubr1 to promote accumulation of neurodegeneration-associated protein. Virus Genes, 2018, 54, 343-350.	0.7	21
2520	Transmission of microRNA antimiRs to mouse offspring via the maternalâ€“placentalâ€“fetal unit. Rna, 2018, 24, 865-879.	1.6	5
2522	Metazoan MicroRNAs. Cell, 2018, 173, 20-51.	13.5	2,775
2523	Anti-miRNA oligonucleotides: A comprehensive guide for design. RNA Biology, 2018, 15, 338-352.	1.5	172
2524	Molecular mechanism of diabetic cardiomyopathy and modulation of microRNA function by synthetic oligonucleotides. Cardiovascular Diabetology, 2018, 17, 43.	2.7	53
2525	Characterization of an in vitro model system to explore control of tumor invasion of EMT6 and 4THM breast tumors by CD200:CD200R interactions. Breast Cancer, 2018, 25, 547-559.	1.3	4
2526	Down-regulation of miR-10a-5p promotes proliferation and restricts apoptosis via targeting T-box transcription factor 5 in inflamed synoviocytes. Bioscience Reports, 2018, 38, .	1.1	14
2527	New Insights for Controversial Issues of miR-122 in Hepatic Lipid Metabolism. Gastroenterology, 2018, 154, 1552-1553.	0.6	7
2528	Non-coding RNAs in cardiovascular diseases: diagnostic and therapeutic perspectives. European Heart Journal, 2018, 39, 2704-2716.	1.0	300
2529	A comprehensive review of the genetic and biological evidence supports a role for MicroRNAâ€137 in the etiology of schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 242-256.	1.1	30

#	Article	IF	Citations
2530	Optochemical Control of Biological Processes in Cells and Animals. Angewandte Chemie - International Edition, 2018, 57, 2768-2798.	7.2	331
2531	Optochemische Steuerung biologischer VorgÃnge in Zellen und Tieren. Angewandte Chemie, 2018, 130, 2816-2848.	1.6	94
2533	MicroRNA. Journal of Allergy and Clinical Immunology, 2018, 141, 1202-1207.	1.5	1,587
2534	Scaffoldâ€Based microRNA Therapies in Regenerative Medicine and Cancer. Advanced Healthcare Materials, 2018, 7, 1700695.	3.9	55
2535	MicroRNAs in Breast Cancer: Diagnostic and Therapeutic Potential. Methods in Molecular Biology, 2018, 1699, 23-43.	0.4	23
2536	Microvesicle-mediated delivery of miR-1343: impact on markers of fibrosis. Cell and Tissue Research, 2018, 371, 325-338.	1.5	14
2537	miRâ€122 promotes metastasis of clearâ€cell renal cell carcinoma by downregulating Dicer. International Journal of Cancer, 2018, 142, 547-560.	2.3	63
2538	Inducible microRNA-122 modulates RIG-I signaling pathway via targeting DAK in miiuy croaker after poly(I:C) stimulation. Developmental and Comparative Immunology, 2018, 78, 52-60.	1.0	20
2539	Noncoding RNAs: Master Regulators of Inflammatory Signaling. Trends in Molecular Medicine, 2018, 24, 66-84.	3.5	150
2540	miR-22 Is a Novel Mediator of Vascular Smooth Muscle Cell Phenotypic Modulation and Neointima Formation. Circulation, 2018, 137, 1824-1841.	1.6	155
2541	Selective targeting of pro-inflammatory Th1 cells by microRNA-148a-specific antagomirs inÂvivo. Journal of Autoimmunity, 2018, 89, 41-52.	3.0	30
2542	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
2543	Functional role and therapeutic targeting of microRNAs in inflammatory bowel disease. American Journal of Physiology - Renal Physiology, 2018, 314, G256-G262.	1.6	46
2544	The role of microRNAs in chronic respiratory disease: recent insights. Biological Chemistry, 2018, 399, 219-234.	1.2	67
2545	Enhanced and synergistic downregulation of oncogenic miRNAs by self-assembled branched DNA. Nanoscale, 2018, 10, 195-202.	2.8	25
2547	Epigenomics in tobacco risk assessment: Opportunities for integrated new approaches. Current Opinion in Toxicology, 2018, 11-12, 67-83.	2.6	2
2548	miR-122-regulated metabolic circuits: micro-management of lipid metabolism in the human liver. Non-coding RNA Investigation, 2018, 2, 45-45.	0.6	1
2549	Inhibition of miR-223 reduces inflammation but not adverse cardiac remodelling after myocardial ischemia-reperfusion in vivo. Non-coding RNA Investigation, 2018, 2, 15-15.	0.6	3

#	Article	IF	Citations
2550	MicroRNA 141 represses nasopharyngeal carcinoma growth through inhibiting BMI1. Oncology Letters, 2018, 16, 6479-6487.	0.8	6
2551	Dysregulated miR-155 and miR-125b Are Related to Impaired B-cell Responses in Down Syndrome. Frontiers in Immunology, 2018, 9, 2683.	2.2	30
2552	MicroRNA-210 overexpression promotes psoriasis-like inflammation by inducing Th1 and Th17 cell differentiation. Journal of Clinical Investigation, 2018, 128, 2551-2568.	3.9	182
2553	Molecular Basis for Pathogenesis of Steatohepatitis: Contemporary Understanding and New Insights. , 0, , .		3
2554	Targeting Non-coding RNA in Vascular Biology and Disease. Frontiers in Physiology, 2018, 9, 1655.	1.3	50
2555	Integration of genetics and miRNAâ€“target gene network identified disease biology implicated in tissue specificity. Nucleic Acids Research, 2018, 46, 11898-11909.	6.5	39
2556	RNAi modulation of placental sFLT1 for the treatment of preeclampsia. Nature Biotechnology, 2018, 36, 1164-1173.	9.4	126
2557	Noncoding RNAs as therapeutic targets in early stage diabetic kidney disease. Kidney Research and Clinical Practice, 2018, 37, 197-209.	0.9	47
2558	MicroRNA Regulation of Energy Metabolism to Induce Chemoresistance in Cancers. Technology in Cancer Research and Treatment, 2018, 17, 153303381880599.	0.8	13
2559	Obesity-associated exosomal miRNAs modulate glucose and lipid metabolism in mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12158-12163.	3.3	256
2560	Circulating miRNA measurements are reflective of cholesterol-based changes in rainbow trout (Oncorhynchus mykiss). PLoS ONE, 2018, 13, e0206727.	1.1	5
2561	MicroRNA Function of Some Life Process in the Gene Network. , 2018, , 125-178.		0
2562	Notch-Induced miR-708 Antagonizes Satellite Cell Migration and Maintains Quiescence. Cell Stem Cell, 2018, 23, 859-868.e5.	5.2	87
2563	miR-148b Functions as a Tumor Suppressor by Targeting Endoplasmic Reticulum Metallo Protease 1 in Human Endometrial Cancer Cells. Oncology Research, 2018, 27, 81-88.	0.6	26
2564	miRâ€‘96 promotes collagen deposition in keloids by targeting Smad7. Experimental and Therapeutic Medicine, 2018, 17, 773-781.	0.8	3
2565	Single Nucleotide Polymorphisms inmiR-122Are Associated with the Risk of Hepatocellular Carcinoma in a Southern Chinese Population. BioMed Research International, 2018, 2018, 1-6.	0.9	7
2566	MiR-19b Functions as a Potential Protector in Experimental Autoimmune Encephalomyelitis. Current Molecular Medicine, 2018, 18, 312-321.	0.6	6
2567	MicroRNAs in pancreatic cancer diagnosis and therapy. Central-European Journal of Immunology, 2018, 43, 314-324.	0.4	49

#	Article	IF	Citations
2568	Knockdown of Gene Expression in Macrophages by microRNA Mimic-Containing Poly (Lactic-co-glycolic Acid) Microparticles. Medicines (Basel, Switzerland), 2018, 5, 133.	0.7	9
2569	MicroRNA-124 Regulates Fatty Acid and Triglyceride Homeostasis. IScience, 2018, 10, 149-157.	1.9	24
2570	MicroRNA-31 Reduces the Motility of Proinflammatory T Helper 1 Lymphocytes. Frontiers in Immunology, 2018, 9, 2813.	2.2	13
2571	miRNA Signature in NAFLD: A Turning Point for a Non-Invasive Diagnosis. International Journal of Molecular Sciences, 2018, 19, 3966.	1.8	98
2572	miR-122 removal in the liver activates imprinted microRNAs and enables more effective microRNA-mediated gene repression. Nature Communications, 2018, 9, 5321.	5.8	48
2573	miR-125a-5p ameliorates hepatic glycolipid metabolism disorder in type 2 diabetes mellitus through targeting of STAT3. Theranostics, 2018, 8, 5593-5609.	4.6	99
2574	Physiological and Pathological Functions of Mammalian MicroRNAs. , 2018, , 592-625.		0
2575	Emerging ways to treat breast cancer: will promises be met?. Cellular Oncology (Dordrecht), 2018, 41, 605-621.	2.1	43
2576	MicroRNAs: Novel Molecular Targets and Response Modulators of Statin Therapy. Trends in Pharmacological Sciences, 2018, 39, 967-981.	4.0	48
2577	MicroRNA-Regulated Gene Delivery Systems for Research and Therapeutic Purposes. Molecules, 2018, 23, 1500.	1.7	23
2578	Relevance of MicroRNAs as Potential Diagnostic and Prognostic Markers in Colorectal Cancer. International Journal of Molecular Sciences, 2018, 19, 2944.	1.8	51
2579	Intracellular microRNA quantification in intact cells: a novel strategy based on reduced graphene oxide-based fluorescence quenching. MRS Communications, 2018, 8, 642-651.	0.8	2
2580	Circular RNAs as Therapeutic Agents and Targets. Frontiers in Physiology, 2018, 9, 1262.	1.3	134
2581	Target RNAs Strike Back on MicroRNAs. Frontiers in Genetics, 2018, 9, 435.	1.1	69
2582	Postâ€transcriptional regulation of <scp>PIAS</scp>3 expression by miRâ€18a in malignant mesothelioma. Molecular Oncology, 2018, 12, 2124-2135.	2.1	14
2583	MicroRNA 199a and the eNOS (Endothelial NO Synthase)/NO Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2278-2280.	1.1	1
2584	High Fat Diet-Induced miR-122 Regulates Lipid Metabolism and Fat Deposition in Genetically Improved Farmed Tilapia (GIFT, Oreochromis niloticus) Liver. Frontiers in Physiology, 2018, 9, 1422.	1.3	48
2585	Epigenetically regulated miR-1247 functions as a novel tumour suppressor via MYCBP2 in methylator colon cancers. British Journal of Cancer, 2018, 119, 1267-1277.	2.9	20

#	Article	IF	Citations
2586	Let-7 microRNA as a potential therapeutic target with implications for immunotherapy. Expert Opinion on Therapeutic Targets, 2018, 22, 929-939.	1.5	67
2587	Control of hepatic gluconeogenesis by Argonaute2. Molecular Metabolism, 2018, 18, 15-24.	3.0	7
2588	On the Importance of Host MicroRNAs During Viral Infection. Frontiers in Genetics, 2018, 9, 439.	1.1	160
2589	RNA accessibility impacts potency of Tough Decoy microRNA inhibitors. RNA Biology, 2018, 15, 1410-1419.	1.5	9
2590	The Network of Non-coding RNAs in Cancer Drug Resistance. Frontiers in Oncology, 2018, 8, 327.	1.3	96
2591	Human microRNAs preferentially target genes with intermediate levels of expression and its formation by mammalian evolution. PLoS ONE, 2018, 13, e0198142.	1.1	3
2592	Association of miRNA122 & ADAM17 with lipids among hypertensives in Nigeria. Open Medicine (Poland), 2018, 13, 350-358.	0.6	1
2593	Potential Roles of microRNAs in the Regulation of Monoamine Oxidase A in the Brain. Frontiers in Molecular Neuroscience, 2018, 11, 339.	1.4	12
2594	Regulation of proto-oncogene Orai3 by miR18a/b and miR34a. Cell Calcium, 2018, 75, 101-111.	1.1	14
2595	Therapeutic applications of zebrafish (Danio rerio) miRNAs linked with human diseases: A prospective review. Gene, 2018, 679, 202-211.	1.0	9
2597	Noncoding RNAs in Retrovirus Replication. , 2018, , 421-478.		1
2598	A General Overview on Non-coding RNA-Based Diagnostic and Therapeutic Approaches for Liver Diseases. Frontiers in Pharmacology, 2018, 9, 805.	1.6	20
2599	Biophysical Analysis of miRNA-Dependent Gene Regulation. RNA Technologies, 2018, , 257-273.	0.2	1
2600	MicroRNAs to differentiate Parkinsonian disorders: Advances in biomarkers and therapeutics. Journal of the Neurological Sciences, 2018, 394, 26-37.	0.3	21
2601	Human salivary microRNAs in Cancer. Journal of Cancer, 2018, 9, 638-649.	1.2	61
2602	Simple and rational design of a polymer nano-platform for high performance of HCV related miR-122 reduction in the liver. Biomaterials Science, 2018, 6, 2667-2680.	2.6	10
2603	Pten Haplodeficiency Accelerates Liver Tumor Growth in miR-122aâ€“Null Mice via Expansion of Periportal Hepatocyte-Like Cells. American Journal of Pathology, 2018, 188, 2688-2702.	1.9	6
2604	Manipulating Metallogel Properties by Luminogens and Their Applications in Cell Imaging. ACS Omega, 2018, 3, 5417-5425.	1.6	18

#	Article	IF	Citations
2605	3â€² UTR shortening represses tumor-suppressor genes in trans by disrupting ceRNA crosstalk. Nature Genetics, 2018, 50, 783-789.	9.4	148
2606	Cytokine IL9 Triggers the Pathogenesis of Inflammatory Bowel Disease Through the miR21-CLDN8 Pathway. Inflammatory Bowel Diseases, 2018, 24, 2211-2223.	0.9	16
2607	Derepression of co-silenced tumor suppressor genes by nanoparticle-loaded circular ssDNA reduces tumor malignancy. Science Translational Medicine, 2018, 10, .	5.8	23
2608	Clinical Implication of MicroRNAs in Molecular Pathology. Clinics in Laboratory Medicine, 2018, 38, 237-251.	0.7	24
2609	Decellularized Extracellular Matrix Hydrogels as a Delivery Platform for MicroRNA and Extracellular Vesicle Therapeutics. Advanced Therapeutics, 2018, 1, 1800032.	1.6	26
2611	Reversal of siRNA-mediated gene silencing in vivo. Nature Biotechnology, 2018, 36, 509-511.	9.4	58
2612	Rhabdovirus-Inducible MicroRNA-210 Modulates Antiviral Innate Immune Response via Targeting STING/MITA in Fish. Journal of Immunology, 2018, 201, 982-994.	0.4	70
2613	Noncoding RNAs as a Cause of Cancer. , 2018, , 479-496.		1
2614	miR-23b and miR-218 silencing increase Muscleblind-like expression and alleviate myotonic dystrophy phenotypes in mammalian models. Nature Communications, 2018, 9, 2482.	5.8	60
2615	MicroRNA: A new generation therapeutic target in diabetic nephropathy. Biochemical Pharmacology, 2018, 155, 32-47.	2.0	68
2619	miRNA expression profiling regulates necroptotic cell death in hepatocellular carcinoma. International Journal of Oncology, 2018, 53, 771-780.	1.4	17
2620	Obesity, Fatty Liver and Liver Cancer. Advances in Experimental Medicine and Biology, 2018, , .	0.8	17
2621	Dysregulated Epigenetic Modifications in the Pathogenesis of NAFLD-HCC. Advances in Experimental Medicine and Biology, 2018, 1061, 79-93.	0.8	11
2622	Immune Regulation of Tissue Repair and Regeneration via miRNAsâ€"New Therapeutic Target. Frontiers in Bioengineering and Biotechnology, 2018, 6, 98.	2.0	21
2623	In Vivo Studies of miRNA Target Interactions Using Site-specific Genome Engineering. , 0, , 37-51.		0
2624	Muscle miRNAome shows suppression of chronic inflammatory miRNAs with both prednisone and vamorolone. Physiological Genomics, 2018, 50, 735-745.	1.0	30
2625	Regulation of Luteinizing Hormone Receptor mRNA Expression in the Ovary: The Role of miR-122. Vitamins and Hormones, 2018, 107, 67-87.	0.7	9
2626	The Role of Sirt6 in Obesity and Diabetes. Frontiers in Physiology, 2018, 9, 135.	1.3	90

#	Article	IF	Citations
2627	MicroRNA-132 controls water homeostasis through regulating MECP2-mediated vasopressin synthesis. American Journal of Physiology - Renal Physiology, 2018, 315, F1129-F1138.	1.3	20
2628	Role of non-coding RNAs in non-aging-related neurological disorders. Brazilian Journal of Medical and Biological Research, 2018, 51, e7566.	0.7	16
2629	Circulating miRNAs as biomarkers for early diagnosis of coronary artery disease. Expert Opinion on Therapeutic Patents, 2018, 28, 591-601.	2.4	37
2630	Deciphering Non-coding RNAs in Cardiovascular Health and Disease. Frontiers in Cardiovascular Medicine, 2018, 5, 73.	1.1	44
2631	Fishing Into the MicroRNA Transcriptome. Frontiers in Genetics, 2018, 9, 88.	1.1	54
2632	Function of miR-146a-5p in Tumor Cells As a Regulatory Switch between Cell Death and Angiogenesis: Macrophage Therapy Revisited. Frontiers in Immunology, 2017, 8, 1931.	2.2	25
2633	MicroRNA in T-Cell Development and T-Cell Mediated Acute Graft-Versus-Host Disease. Frontiers in Immunology, 2018, 9, 992.	2.2	16
2634	Leishmania donovani Activates Hypoxia Inducible Factor-1Î± and miR-210 for Survival in Macrophages by Downregulation of NF-Î°B Mediated Pro-inflammatory Immune Response. Frontiers in Microbiology, 2018, 9, 385.	1.5	31
2635	Signals Involved in Regulation of Hepatitis C Virus RNA Genome Translation and Replication. Frontiers in Microbiology, 2018, 9, 395.	1.5	36
2636	Ablation of carotenoid cleavage enzymes (BCO1 and BCO2) induced hepatic steatosis by altering the farnesoid X receptor/miR-34a/sirtuin 1 pathway. Archives of Biochemistry and Biophysics, 2018, 654, 1-9.	1.4	27
2637	The Role of microRNAs in Alzheimerâ€™s Disease and Their Therapeutic Potentials. Genes, 2018, 9, 174.	1.0	90
2638	RNA Therapeutics in Cardiovascular Disease. Circulation Research, 2018, 123, 205-220.	2.0	123
2639	Development of Novel Therapeutic Agents by Inhibition of Oncogenic MicroRNAs. International Journal of Molecular Sciences, 2018, 19, 65.	1.8	67
2640	Vitamin D and MicroRNAs. , 2018, , 245-267.		0
2641	miRNA as viral transcription tuners in HPV-mediated cervical carcinogenesis. Frontiers in Bioscience - Scholar, 2018, 10, 21-47.	0.8	24
2642	A MicroRNA Perspective on Cardiovascular Development and Diseases: An Update. International Journal of Molecular Sciences, 2018, 19, 2075.	1.8	46
2643	Role of exosome-associated microRNA in diagnostic and therapeutic applications to metabolic disorders. Journal of Zhejiang University: Science B, 2018, 19, 183-198.	1.3	41
2644	MicroRNA Key to Angiogenesis Regulation: MiRNA Biology and Therapy. Current Cancer Drug Targets, 2018, 18, 266-277.	0.8	221

#	Article	IF	Citations
2645	Recent Advances in RNA Therapeutics and RNA Delivery Systems Based on Nanoparticles. Advanced Therapeutics, 2018, 1, 1800065.	1.6	52
2646	Bifunctional Au@Bi₂Se₃ Coreâ€“Shell Nanoparticle for Synergetic Therapy by SERSâ€Traceable AntagomiR Delivery and Photothermal Treatment. Small, 2018, 14, e1802934.	5.2	47
2647	miR-146a is involved in the regulation of vertebrate LC-PUFA biosynthesis by targeting elovl5 as demonstrated in rabbitfish Siganus canaliculatus. Gene, 2018, 676, 306-314.	1.0	17
2648	MicroRNA-21-5p mediates TGF-Î²-regulated fibrogenic activation of spinal fibroblasts and the formation of fibrotic scars after spinal cord injury. International Journal of Biological Sciences, 2018, 14, 178-188.	2.6	58
2649	Capturing intracellular oncogenic microRNAs with self-assembled DNA nanostructures for microRNA-based cancer therapy. Chemical Science, 2018, 9, 7562-7568.	3.7	48
2650	Overview of MicroRNA Biogenesis, Mechanisms of Actions, and Circulation. Frontiers in Endocrinology, 2018, 9, 402.	1.5	2,975
2651	Current understanding and clinical utility of miRNAs regulation of colon cancer stem cells. Seminars in Cancer Biology, 2018, 53, 232-247.	4.3	46
2652	MicroRNA-mediated immune regulation in rheumatic diseases. Cancer Letters, 2018, 431, 201-212.	3.2	28
2653	The combinational effect of E6/E7 siRNA and anti-miR-182 on apoptosis induction in HPV16-positive cervical cells. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 727-736.	1.9	11
2654	Identification and functional analysis of inflammationâ€related mi<scp>RNA</scp>s in skin wound repair. Development Growth and Differentiation, 2018, 60, 306-315.	0.6	29
2655	The role of miR-122 in the dysregulation of glucose-6-phosphate dehydrogenase (G6PD) expression in hepatocellular cancer. Scientific Reports, 2018, 8, 9105.	1.6	57
2656	Translational Control of the Myogenic Program in Developing, Regenerating, and Diseased Skeletal Muscle. Current Topics in Developmental Biology, 2018, 126, 67-98.	1.0	13
2657	Noncoding RNA-Targeted Therapeutics in Autoimmune Diseases: From Bench to Bedside. , 2018, , 359-386.		2
2658	Non-coding RNAs in lipid metabolism. Vascular Pharmacology, 2019, 114, 93-102.	1.0	32
2659	Knockdown of lncRNA H19 inhibits abnormal differentiation of small intestinal epithelial cells in diabetic mice. Journal of Cellular Physiology, 2019, 234, 837-848.	2.0	9
2660	Genetic Manipulation of MicroRNAs in the Silk Gland of Silkworm, Bombyx Mori. Biological Procedures Online, 2019, 21, 16.	1.4	5
2661	Recent progress in microRNA-based delivery systems for the treatment of human disease. ExRNA, 2019, 1, .	1.0	123
2662	Effects of AntagomiRs on Different Lung Diseases in Human, Cellular, and Animal Models. International Journal of Molecular Sciences, 2019, 20, 3938.	1.8	13

#	Article	IF	Citations
2663	Chemical Development of Therapeutic Oligonucleotides. Methods in Molecular Biology, 2019, 2036, 3-16.	0.4	14
2664	RNAs and RNA-Binding Proteins in Immuno-Metabolic Homeostasis and Diseases. Frontiers in Cardiovascular Medicine, 2019, 6, 106.	1.1	20
2665	Extracellular miRNAs: From Biomarkers to Mediators of Physiology and Disease. Cell Metabolism, 2019, 30, 656-673.	7.2	511
2666	Differential Inhibition of Target Gene Expression by Human microRNAs. Cells, 2019, 8, 791.	1.8	14
2667	miRNAs and NAFLD: from pathophysiology to therapy. Gut, 2019, 68, 2065-2079.	6.1	156
2668	Regulation of terpenoid biosynthesis by miRNA in Persicaria minor induced by Fusarium oxysporum. BMC Genomics, 2019, 20, 586.	1.2	26
2669	Role of MicroRNA in the Diagnosis and Management of Hepatocellular Carcinoma. MicroRNA (Shariqah, United Arab Emirates), 2019, 9, 25-40.	0.6	11
2670	Roles of microRNAs and prospective view of competing endogenous RNAs in mycotoxicosis. Mutation Research - Reviews in Mutation Research, 2019, 782, 108285.	2.4	6
2671	Caloric Restriction Induces MicroRNAs to Improve Mitochondrial Proteostasis. IScience, 2019, 17, 155-166.	1.9	35
2672	Systems biology-based investigation of cooperating microRNAs as monotherapy or adjuvant therapy in cancer. Nucleic Acids Research, 2019, 47, 7753-7766.	6.5	126
2673	The contribution of miR-122 to the innate immunity by regulating toll-like receptor 4 in hepatoma cells. BMC Gastroenterology, 2019, 19, 130.	0.8	26
2674	Adipogenesis: A Necessary but Harmful Strategy. International Journal of Molecular Sciences, 2019, 20, 3657.	1.8	43
2675	Exploring the Continuum of Hypertrophic Cardiomyopathyâ€"From DNA to Clinical Expression. Medicina (Lithuania), 2019, 55, 299.	0.8	20
2676	Co-expression of anti-miR319g and miRStv_11 lead to enhanced steviol glycosides content in Stevia rebaudiana. BMC Plant Biology, 2019, 19, 274.	1.6	16
2677	Aberrant MicroRNAomics in Pulmonary Complications: Implications in Lung Health and Diseases. Molecular Therapy - Nucleic Acids, 2019, 18, 413-431.	2.3	27
2678	Remote sensing and signaling in kidney proximal tubules stimulates gut microbiome-derived organic anion secretion. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16105-16110.	3.3	73
2679	microRNA-122 targets the P4HA1 mRNA and regulates its expression in chicken hepatocytes. Italian Journal of Animal Science, 2019, 18, 587-593.	0.8	0
2680	Omics Approaches to Understanding Muscle Biology. , 2019, , .		3

#	Article	IF	Citations
2681	siRNA- and miRNA-based therapeutics for liver fibrosis. Translational Research, 2019, 214, 17-29.	2.2	65
2682	Polymeric Carriers for Nucleic Acid Delivery: Current Designs and Future Directions. Biomacromolecules, 2019, 20, 3613-3626.	2.6	67
2683	MicroRNAs in Ocular Infection. Microorganisms, 2019, 7, 359.	1.6	10
2684	Duplicitous Dispositions of Micro-RNAs (miRs) in Breast Cancer. , 0, , .		0
2685	Discovery and preclinical evaluation of anti-miR-17 oligonucleotide RGLS4326 for the treatment of polycystic kidney disease. Nature Communications, 2019, 10, 4148.	5.8	96
2686	MicroRNA in Pancreatic Cancer: From Biology to Therapeutic Potential. Genes, 2019, 10, 752.	1.0	81
2687	MiR-20b Down-Regulates Intestinal Ferroportin Expression In Vitro and In Vivo. Cells, 2019, 8, 1135.	1.8	15
2688	Non-viral nanocarriers for intracellular delivery of microRNA therapeutics. Journal of Materials Chemistry B, 2019, 7, 1209-1225.	2.9	70
2689	Therapeutic Antisense Oligonucleotides Are Coming of Age. Annual Review of Medicine, 2019, 70, 307-321.	5.0	347
2690	In vivo miRNA delivery in whitefish: Synthetic MiR92b-3p uptake and the efficacy of gene expression silencing. Experimental Biology and Medicine, 2019, 244, 52-63.	1.1	1
2691	Noncoding RNAs in alcoholic liver disease. Journal of Cellular Physiology, 2019, 234, 14709-14720.	2.0	14
2692	In Vivo Silencing of MicroRNA-132 Reduces Blood Glucose and Improves Insulin Secretion. Nucleic Acid Therapeutics, 2019, 29, 67-72.	2.0	28
2693	Effect of intravenous injection of antagomiR-1 on brain ischemia. Molecular Biology Reports, 2019, 46, 1149-1155.	1.0	15
2694	Retinal miRNA Functions in Health and Disease. Genes, 2019, 10, 377.	1.0	52
2695	Epigenetics and vascular diseases. Journal of Molecular and Cellular Cardiology, 2019, 133, 148-163.	0.9	36
2696	The Use of microRNAs in the Management of Endometrial Cancer: A Meta-Analysis. Cancers, 2019, 11, 832.	1.7	42
2697	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
2698	Highly efficient silencing of microRNA by heteroduplex oligonucleotides. Nucleic Acids Research, 2019, 47, 7321-7332.	6.5	33

#	Article	IF	Citations
2699	Anaplasma phagocytophilum modifies tick cell microRNA expression and upregulates isc-mir-79 to facilitate infection by targeting the Roundabout protein 2 pathway. Scientific Reports, 2019, 9, 9073.	1.6	12
2700	RNA-based diagnostic and therapeutic strategies for cardiovascular disease. Nature Reviews Cardiology, 2019, 16, 661-674.	6.1	218
2701	A mathematical model of tumor-endothelial interactions in a 3D co-culture. Scientific Reports, 2019, 9, 8429.	1.6	11
2702	Oligonucleotide therapy: An emerging focus area for drug delivery in chronic inflammatory respiratory diseases. Chemico-Biological Interactions, 2019, 308, 206-215.	1.7	234
2703	MicroRNAs in Respiratory Diseases. , 2019, , 89-131.		1
2704	MicroRNA based theranostics for brain cancer: basic principles. Journal of Experimental and Clinical Cancer Research, 2019, 38, 231.	3.5	81
2705	microRNA-14 as an efficient suppressor to switch off ecdysone production after ecdysis in insects. RNA Biology, 2019, 16, 1313-1325.	1.5	28
2706	Effects of high-fat diet on growth performance, lipid accumulation and lipid metabolism-related MicroRNA/gene expression in the liver of grass carp (Ctenopharyngodon idella). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 234, 34-40.	0.7	55
2707	MicroRNA let-7 regulates the expression of ecdysteroid receptor (ECR) in Hyalomma asiaticum (Acari:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	8
2709	microRNA Modulation. , 2019, , 1-66.		0
2710	Effects of MicroRNAs from Marine Invertebrate Stress Responses to Virus Infection on Tumorigenesis. , 2019, , 251-283.		0
2711	Impact of a patient-derived hepatitis C viral RNA genome with a mutated microRNA binding site. PLoS Pathogens, 2019, 15, e1007467.	2.1	13
2712	MicroRNA-Based Diagnosis and Treatment of Metastatic Human Osteosarcoma. Cancers, 2019, 11, 553.	1.7	57
2713	Circulating microRNAs in human obesity: a systematic review. Biomarkers, 2019, 24, 499-509.	0.9	27
2714	Functional analysis of miR-21-3p, miR-30b-5p and miR-150-5p shuttled by extracellular vesicles from diabetic subjects reveals their association with diabetic retinopathy. Experimental Eye Research, 2019, 184, 56-63.	1.2	40
2715	Silencing MicroRNA-134 Alleviates Hippocampal Damage and Occurrence of Spontaneous Seizures After Intraventricular Kainic Acid-Induced Status Epilepticus in Rats. Frontiers in Cellular Neuroscience, 2019, 13, 145.	1.8	27
2716	The effect of albendazole sulfoxide on the expression of miR-61 and let-7 in different in vitro developmental stages of Echinococcus granulosus. Acta Tropica, 2019, 195, 97-102.	0.9	24
2717	MicroRNA-31 regulating apoptosis by mediating the phosphatidylinositol-3 kinase/protein kinase B signaling pathway in treatment of spinal cord injury. Brain and Development, 2019, 41, 649-661.	0.6	30

#	Article	IF	Citations
2718	ABC transporters in drug-resistant epilepsy: mechanisms of upregulation and therapeutic approaches. Pharmacological Research, 2019, 144, 357-376.	3.1	49
2719	The Influence of Diet on MicroRNAs that Impact Cardiovascular Disease. Molecules, 2019, 24, 1509.	1.7	64
2720	The tRNA Epitranscriptome and Diabetes: Emergence of tRNA Hypomodifications as a Cause of Pancreatic Î²-Cell Failure. Endocrinology, 2019, 160, 1262-1274.	1.4	13
2721	Epigenetics and epigenomics in diabetic kidney disease and metabolic memory. Nature Reviews Nephrology, 2019, 15, 327-345.	4.1	327
2723	The current state and future directions of RNAi-based therapeutics. Nature Reviews Drug Discovery, 2019, 18, 421-446.	21.5	896
2724	MicroRNA in Lung Cancer Metastasis. Cancers, 2019, 11, 265.	1.7	55
2725	Down-regulation of miR-122 after transplantation of mesenchymal stem cells in acute liver failure in mice model. Biologicals, 2019, 58, 64-72.	0.5	10
2726	The role of microRNAs in the healing of diabetic ulcers. International Wound Journal, 2019, 16, 621-633.	1.3	22
2727	MicroRNA-215: From biology to theranostic applications. Molecular Aspects of Medicine, 2019, 70, 72-89.	2.7	23
2728	Role of Noncoding RNA in Development of Nonalcoholic Fatty Liver Disease. BioMed Research International, 2019, 2019, 1-9.	0.9	11
2729	Signature MicroRNA expression profile is associated with lipid metabolism in African green monkey. Lipids in Health and Disease, 2019, 18, 55.	1.2	5
2730	A Mirror Image Fluorogenic Aptamer Sensor for Live-Cell Imaging of MicroRNAs. ACS Sensors, 2019, 4, 566-570.	4.0	37
2731	MicroRNAs in the cornea: Role and implications for treatment of corneal neovascularization. Ocular Surface, 2019, 17, 400-411.	2.2	31
2732	Inconsistencies and Limitations of Current MicroRNA Target Identification Methods. Methods in Molecular Biology, 2019, 1970, 291-314.	0.4	27
2733	Current Progress on MicroRNA-Based Gene Delivery in the Treatment of Osteoporosis and Osteoporotic Fracture. International Journal of Endocrinology, 2019, 2019, 1-17.	0.6	34
2734	Differential micro-RNA expression in diabetic patients with abdominal aortic aneurysm. Biochimie, 2019, 162, 1-7.	1.3	14
2735	Micro RNA â€135aâ€5p reduces P2X 7 â€dependent rise in intracellular calcium and protects against excitotoxicity. Journal of Neurochemistry, 2019, 151, 116-130.	2.1	10
2736	Inhibition of pre-miRNA-136 processing by Dicer with small molecule BzDANP suggested the formation of ternary complex of pre-miR-136â€“BzDANPâ€“Dicer. Bioorganic and Medicinal Chemistry, 2019, 27, 2140-2148.	1.4	8

#	Article	IF	Citations
2737	Regulatory Non-coding RNAs Network in Non-alcoholic Fatty Liver Disease. Frontiers in Physiology, 2019, 10, 279.	1.3	48
2738	MicroRNAs at the Interface between Osteogenesis and Angiogenesis as Targets for Bone Regeneration. Cells, 2019, 8, 121.	1.8	61
2739	Nanoamplicon Comparator for Live-Cell MicroRNA Imaging. Analytical Chemistry, 2019, 91, 3374-3381.	3.2	46
2740	Urinary microRNA in kidney disease: utility and roles. American Journal of Physiology - Renal Physiology, 2019, 316, F785-F793.	1.3	36
2741	MicroRNAs as Therapeutic Agents: The Future of the Battle Against Cancer. Current Topics in Medicinal Chemistry, 2019, 18, 2544-2554.	1.0	37
2742	Circulating myocardial microRNAs from infarcted hearts are carried in exosomes and mobilise bone marrow progenitor cells. Nature Communications, 2019, 10, 959.	5.8	147
2743	MicroRNAs in diagnosis and therapeutics. , 2019, , 137-177.		13
2744	Role of microRNAs in cardiovascular diseases and their therapeutic implications. , 2019, , 233-259.		0
2745	Emerging roles of microRNAs as a regulator in the progression of lung cancer and their implications in its diagnosis and therapy. , 2019, , 293-318.		1
2746	Progress toward Understanding the Interactions between DNA Nanostructures and the Cell. Small, 2019, 15, e1805416.	5.2	25
2747	Role of non-coding RNA in cardiac remodeling. Non-coding RNA Investigation, 2019, 3, 12-12.	0.6	0
2748	Therapeutic Implication of miRNA in Human Disease. , 0, , .		12
2749	Hepatic MicroRNA Expression by PGC-1Î± and PGC-1Î² in the Mouse. International Journal of Molecular Sciences, 2019, 20, 5735.	1.8	3
2750	History and Genetics of Retinoblastoma. , 2019, , .		3
2751	MiRNA-Based Therapeutics in Oncology, Realities, and Challenges. , 0, , .		11
2752	MiRNA therapeutics based on logic circuits of biological pathways. BMC Bioinformatics, 2019, 20, 344.	1.2	11
2753	Deciphering the role of miR-71 in Echinococcus multilocularis early development in vitro. PLoS Neglected Tropical Diseases, 2019, 13, e0007932.	1.3	29
2754	Advanced Assays in Epigenetics. Topics in Medicinal Chemistry, 2019, , 523-560.	0.4	0

#	Article	IF	Citations
2755	Spatial sorting enables comprehensive characterization of liver zonation. Nature Metabolism, 2019, 1, 899-911.	5.1	125
2756	Micro-RNA signatures in monozygotic twins discordant for congenital heart defects. PLoS ONE, 2019, 14, e0226164.	1.1	16
2757	MicroRNAs in Animal Models of HCC. Cancers, 2019, 11, 1906.	1.7	25
2758	MicroRNAs related to cholesterol metabolism affected by vegetable diet in rainbow trout (Oncorhynchus mykiss) from control and selected lines. Aquaculture, 2019, 498, 132-142.	1.7	8
2759	Exosomes and microRNAs: New potential therapeutic candidates in Alzheimer disease therapy. Journal of Cellular Physiology, 2019, 234, 2296-2305.	2.0	74
2760	Critical review on engineering deaminases for site-directed RNA editing. Current Opinion in Biotechnology, 2019, 55, 74-80.	3.3	44
2761	Therapeutic Delivery of miR-148a Suppresses Ventricular Dilation in Heart Failure. Molecular Therapy, 2019, 27, 584-599.	3.7	41
2762	Inflammatory cells and their non-coding RNAs as targets for treating myocardial infarction. Basic Research in Cardiology, 2019, 114, 4.	2.5	51
2763	Role of microRNAs and exosomes in asthma. Current Opinion in Pulmonary Medicine, 2019, 25, 87-93.	1.2	49
2764	Therapeutic microRNAs in human cancer. Cytotechnology, 2019, 71, 411-425.	0.7	50
2765	Epigenetic Tools in Chronic Pain Studies. , 2019, , 1-48.		0
2766	MicroRNA replacement therapy in cancer. Journal of Cellular Physiology, 2019, 234, 12369-12384.	2.0	184
2767	New Insights on Intermediary Metabolism for a Better Understanding of Nutrition in Teleosts. Annual Review of Animal Biosciences, 2019, 7, 195-220.	3.6	46
2769	The Role of microRNAs in the Gut-Liver Axis. , 2019, , 207-234.		0
2770	Wolbachia infection may improve learning and memory capacity of Drosophila by altering host gene expression through microRNA. Insect Biochemistry and Molecular Biology, 2019, 106, 47-54.	1.2	10
2771	MiR-873-5p inhibits cell migration, invasion and epithelial-mesenchymal transition in colorectal cancer via targeting ZEB1. Pathology Research and Practice, 2019, 215, 34-39.	1.0	30
2772	Role of non-coding RNAs in liver disease progression to hepatocellular carcinoma. Archives of Pharmacal Research, 2019, 42, 48-62.	2.7	50
2773	RNA inhibitors of nuclear proteins responsible for multiple organ dysfunction syndrome. Nature Communications, 2019, 10, 116.	5.8	11

#	Article	IF	Citations
2774	miR-221/222 promote tumor growth and suppress apoptosis by targeting lncRNA GAS5 in breast cancer. Bioscience Reports, 2019, 39, .	1.1	50
2775	microRNAs in cancer stem cells: Biology, pathways, and therapeutic opportunities. Journal of Cellular Physiology, 2019, 234, 10002-10017.	2.0	78
2776	Comparison of different chemically modified inhibitors of miR-199b in vivo. Biochemical Pharmacology, 2019, 159, 106-115.	2.0	21
2777	Cardiac injections of AntagomiRs as a novel tool for knockdown of miRNAs during heart development. Developmental Biology, 2019, 445, 163-169.	0.9	2
2778	Therapeutic strategies for enhancing angiogenesis in wound healing. Advanced Drug Delivery Reviews, 2019, 146, 97-125.	6.6	448
2779	MicroRNAs and complex diseases: from experimental results to computational models. Briefings in Bioinformatics, 2019, 20, 515-539.	3.2	507
2780	Epigenetic modulation as a therapy in systemic sclerosis. Rheumatology, 2019, 58, 191-196.	0.9	14
2781	Interactive functions of microRNAs in the miRâ€23aâ€27aâ€24â€2 cluster and the potential for targeted therapy in cancer. Journal of Cellular Physiology, 2020, 235, 6-16.	2.0	26
2782	OBSOLETE: Non-coding RNAs and Pain: From Bench to Bedside. , 2020, , .		0
2783	MALAT1 is involved in the pathophysiological process of PCOS by modulating TGFÎ² signaling in granulosa cells. Molecular and Cellular Endocrinology, 2020, 499, 110589.	1.6	25
2784	Noncoding RNA in Liver Regenerationâ€"From Molecular Mechanisms to Clinical Implications. Seminars in Liver Disease, 2020, 40, 070-083.	1.8	8
2785	Regulatory mechanisms of microRNAs in colorectal cancer and colorectal cancer stem cells. Journal of Cellular Physiology, 2020, 235, 776-789.	2.0	32
2786	Defining the â€œMetastasomeâ€• Perspectives from the genome and molecular landscape in colorectal cancer for metastasis evolution and clinical consequences. Seminars in Cancer Biology, 2020, 60, 1-13.	4.3	20
2787	Inhibitory milieu at the multiple sclerosis lesion site and the challenges for remyelination. Glia, 2020, 68, 859-877.	2.5	14
2788	The role of non-coding RNAs in neuroprotection and angiogenesis following ischemic stroke. Metabolic Brain Disease, 2020, 35, 31-43.	1.4	26
2789	Skeletal muscle wasting in chronic kidney disease: the emerging role of microRNAs. Nephrology Dialysis Transplantation, 2020, 35, 1469-1478.	0.4	21
2790	Circ_0000218 plays a carcinogenic role in colorectal cancer progression by regulating miR-139-3p/RAB1A axis. Journal of Biochemistry, 2020, 167, 55-65.	0.9	36
2791	Lipidâ€"oligonucleotide conjugates for simple and efficient cell membrane engineering and bioanalysis. Current Opinion in Biomedical Engineering, 2020, 13, 76-83.	1.8	18

#	Article	IF	Citations
2792	Accurate cancer cell identification and microRNA silencing induced therapy using tailored DNA tetrahedron nanostructures. Chemical Science, 2020, 11, 80-86.	3.7	90
2793	The p53 family reaches the final frontier: the variegated regulation of the dark matter of the genome by the p53 family in cancer. RNA Biology, 2020, 17, 1636-1647.	1.5	5
2794	Specific Inhibition of Viral MicroRNAs by Carbon Dots-Mediated Delivery of Locked Nucleic Acids for Therapy of Virus-Induced Cancer. ACS Nano, 2020, 14, 476-487.	7.3	52
2795	A new amplification strategy for a quartz crystal microbalance miRNA sensor based on selective interactions between a metalâ€“organic framework and miRNA. New Journal of Chemistry, 2020, 44, 1684-1688.	1.4	4
2796	Interference of miR-212 and miR-384 promotes osteogenic differentiation via targeting RUNX2 in osteoporosis. Experimental and Molecular Pathology, 2020, 113, 104366.	0.9	14
2797	An insight of microRNAs performance in carcinogenesis and tumorigenesis; an overview of cancer therapy. Life Sciences, 2020, 240, 117077.	2.0	42
2798	Improving the therapeutic efficiency of noncoding RNAs in cancers using targeted drug delivery systems. Drug Discovery Today, 2020, 25, 718-730.	3.2	28
2799	Advances in the discovery of microRNA-based anticancer therapeutics: latest tools and developments. Expert Opinion on Drug Discovery, 2020, 15, 63-83.	2.5	43
2800	Peptide Nucleic Acid Conjugates of Quinone Methide Precursors Alkylate Ribonucleic Acid after Activation with Light. Bioconjugate Chemistry, 2020, 31, 639-645.	1.8	3
2801	The role of microRNAs in acute lymphoblastic leukaemia: From biology to applications. Cell Biochemistry and Function, 2020, 38, 334-346.	1.4	9
2802	MicroRNAs as the actors in the atherosclerosis scenario. Journal of Physiology and Biochemistry, 2020, 76, 1-12.	1.3	30
2803	AntagomiR-199a Enhances the Liver Protective Effect of Hypoxia-Preconditioned BM-MSCs in a Rat Model of Reduced-Size Liver Transplantation. Transplantation, 2020, 104, 61-71.	0.5	3
2804	Therapeutic Potential of the miRNAâ€“ATM Axis in the Management of Tumor Radioresistance. Cancer Research, 2020, 80, 139-150.	0.4	24
2805	Large Animal Models of Cell-Free Cardiac Regeneration. Biomolecules, 2020, 10, 1392.	1.8	15
2806	The Biomarker and Therapeutic Potential of Circular Rnas in Schizophrenia. Cells, 2020, 9, 2238.	1.8	11
2807	The Impact of Adipose Tissueâ€“Derived miRNAs in Metabolic Syndrome, Obesity, and Cancer. Frontiers in Endocrinology, 2020, 11, 563816.	1.5	53
2808	Circular RNAs in cancer: Limitations in functional studies and diagnostic potential. Seminars in Cancer Biology, 2021, 75, 49-61.	4.3	68
2809	El sistema pHLIP como vehÃculo de microRNA en el riÃ±Ã³n. Nefrologia, 2020, 40, 491-498.	0.2	2

#	Article	IF	Citations
2810	Therapeutic Potential of AntagomiR-23b for Treating Myotonic Dystrophy. Molecular Therapy - Nucleic Acids, 2020, 21, 837-849.	2.3	25
2811	Potential role of ACE2-related microRNAs in COVID-19-associated nephropathy. Non-coding RNA Research, 2020, 5, 153-166.	2.4	64
2812	Silencing miR-370-3p rescues funny current and sinus node function in heart failure. Scientific Reports, 2020, 10, 11279.	1.6	30
2813	A Comprehensive Review of Cancer MicroRNA Therapeutic Delivery Strategies. Cancers, 2020, 12, 1852.	1.7	148
2814	Role of B Cell Lymphoma 2 in the Regulation of Liver Fibrosis in miR-122 Knockout Mice. Biology, 2020, 9, 157.	1.3	7
2815	Redirection of miRNAâ€Argonaute Complexes to Specific Target Sites by Synthetic Adaptor Molecules. Chemistry and Biodiversity, 2020, 17, e2000272.	1.0	2
2816	Integrative Network Analysis of Predicted miRNA-Targets Regulating Expression of Immune Response Genes in Bovine Coronavirus Infection. Frontiers in Genetics, 2020, 11, 584392.	1.1	8
2817	Nanoparticle-complexed antimiRs for inhibiting tumor growth and metastasis in prostate carcinoma and melanoma. Journal of Nanobiotechnology, 2020, 18, 173.	4.2	17
2818	Circulating miRNA Spaceflight Signature Reveals Targets for Countermeasure Development. Cell Reports, 2020, 33, 108448.	2.9	35
2819	The ZSWIM8 ubiquitin ligase mediates target-directed microRNA degradation. Science, 2020, 370, .	6.0	138
2820	miR-26a mediates LC-PUFA biosynthesis by targeting the LxrÎ±â€“Srebp1 pathway in the marine teleost Siganus canaliculatus. Journal of Biological Chemistry, 2020, 295, 13875-13886.	1.6	9
2821	Advances in oligonucleotide drug delivery. Nature Reviews Drug Discovery, 2020, 19, 673-694.	21.5	1,036
2822	Are microRNAs responsible for cardiac hypertrophy in fish and mammals? What we can learn in the activation process in a zebrafish ex vivo model. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165896.	1.8	7
2823	Regulation of Long Non-coding RNAs and MicroRNAs in Heart Disease: Insight Into Mechanisms and Therapeutic Approaches. Frontiers in Physiology, 2020, 11, 798.	1.3	21
2824	miR-195 Serves as a Tumor Suppressor in the Progression of Liposarcoma by Targeting OSBP . OncoTargets and Therapy, 2020, Volume 13, 6465-6474.	1.0	3
2825	Chitosan-Based Non-viral Gene and Drug Delivery Systems for Brain Cancer. Frontiers in Neurology, 2020, 11, 740.	1.1	33
2826	Development of MicroRNAs as Potential Therapeutics against Cancer. Journal of Oncology, 2020, 2020, 1-14.	0.6	49
2827	MicroRNAs and gene regulation in breast cancer. Journal of Biochemical and Molecular Toxicology, 2020, 34, e22567.	1.4	16

#	Article	IF	Citations
2828	Efficiency and Target Derepression of Anti-miR-92a: Results of a First in Human Study. Nucleic Acid Therapeutics, 2020, 30, 335-345.	2.0	93
2829	The Emerging Role of MicroRNAs in Breast Cancer. Journal of Oncology, 2020, 2020, 1-7.	0.6	31
2830	Inhibition of miR-153, an IL-1Î²-responsive miRNA, prevents beta cell failure and inflammation-associated diabetes. Metabolism: Clinical and Experimental, 2020, 111, 154335.	1.5	15
2831	miR-9 and miR-263 Regulate the Key Genes of the ERK Pathway in the Ovary of Mud Crab Scylla paramamosain. Marine Biotechnology, 2020, 22, 594-606.	1.1	13
2832	DF3016A induces increased BDNF transcription in ischemic neuroinflammation injury. Brain Research, 2020, 1748, 147057.	1.1	5
2833	Angiogenic Exosome-Derived microRNAs: Emerging Roles in Cardiovascular Disease. Journal of Cardiovascular Translational Research, 2021, 14, 824-840.	1.1	8
2834	miR-182-5p and miR-378a-3p regulate ferroptosis in I/R-induced renal injury. Cell Death and Disease, 2020, 11, 929.	2.7	114
2835	Prefrontal cortex miRâ€874â€3p prevents lipopolysaccharideâ€induced depressionâ€like behavior through inhibition of indoleamine 2,3â€dioxygenase 1 expression in mice. Journal of Neurochemistry, 2021, 157, 1963-1978.	2.1	13
2836	HOTAIR contributes to the carcinogenesis of gastric cancer via modulating cellular and exosomal miRNAs level. Cell Death and Disease, 2020, 11, 780.	2.7	30
2837	Nucleic Acid-Based Approaches for Tumor Therapy. Cells, 2020, 9, 2061.	1.8	40
2838	MicroRNAâ€466oâ€3p mediates Î²â€cateninâ€induced podocyte injury by targeting Wilms tumor 1. FASEB Journal, 2020, 34, 14424-14439.	0.2	8
2839	Therapeutically Significant MicroRNAs in Primary and Metastatic Brain Malignancies. Cancers, 2020, 12, 2534.	1.7	25
2840	MicroRNAs in Chronic Kidney Disease: Four Candidates for Clinical Application. International Journal of Molecular Sciences, 2020, 21, 6547.	1.8	42
2841	The crosstalk: exosomes and lipid metabolism. Cell Communication and Signaling, 2020, 18, 119.	2.7	93
2842	Identification of miR-145 as a Key Regulator Involved in LC-PUFA Biosynthesis by Targeting hnf4Î± in the Marine Teleost Siganus canaliculatus. Journal of Agricultural and Food Chemistry, 2020, 68, 15123-15133.	2.4	5
2843	LET-Dependent Low Dose and Synergistic Inhibition of Human Angiogenesis by Charged Particles: Validation of miRNAs that Drive Inhibition. IScience, 2020, 23, 101771.	1.9	12
2844	The pHLIP system as a vehicle for microRNAs in the kidney. Nefrologia, 2020, 40, 491-498.	0.2	1
2845	Potential of miR-21 to Predict Incomplete Response to Chemoradiotherapy in Rectal Adenocarcinoma. Frontiers in Oncology, 2020, 10, 577653.	1.3	11

#	Article	IF	Citations
2846	Underpinning miRNA-miRNA co-functional interaction patterns in the metabolism of Oryza sativa by genome-scale network analysis. Heliyon, 2020, 6, e05496.	1.4	5
2847	MicroRNA-277 regulates dopa decarboxylase to control larval-pupal and pupal-adult metamorphosis of Helicoverpa armigera. Insect Biochemistry and Molecular Biology, 2020, 122, 103391.	1.2	19
2848	MicroRNA-132 regulates salt-dependent steady-state renin levels in mice. Communications Biology, 2020, 3, 238.	2.0	12
2849	Delivery of oligonucleotides to bone marrow to modulate ferrochelatase splicing in a mouse model of erythropoietic protoporphyria. Nucleic Acids Research, 2020, 48, 4658-4671.	6.5	16
2850	Neural suppression of miRNA-181a in the kidney elevates renin expression and exacerbates hypertension in Schlager mice. Hypertension Research, 2020, 43, 1152-1164.	1.5	11
2851	miRNA-324/-133a essential for recruiting new synapse innervations and associative memory cells in coactivated sensory cortices. Neurobiology of Learning and Memory, 2020, 172, 107246.	1.0	13
2852	Aptamers and Antisense Oligonucleotides for Diagnosis and Treatment of Hematological Diseases. International Journal of Molecular Sciences, 2020, 21, 3252.	1.8	21
2853	MicroRNA Nanotherapeutics for Lung Targeting. Insights into Pulmonary Hypertension. International Journal of Molecular Sciences, 2020, 21, 3253.	1.8	15
2854	Effects of p-coumaric acid on microRNA expression profiles in SNU-16 human gastric cancer cells. Genes and Genomics, 2020, 42, 817-825.	0.5	23
2855	MicroRNA Regulation of the Small Rho GTPase Regulatorsâ€"Complexities and Opportunities in Targeting Cancer Metastasis. Cancers, 2020, 12, 1092.	1.7	16
2856	MicroRNAs as regulators of brain function and targets for treatment of epilepsy. Nature Reviews Neurology, 2020, 16, 506-519.	4.9	92
2857	The function of miR-122 in the lipid metabolism and immunity of grass carp (Ctenopharyngodon) Tj ETQq1 1 0.784314 rgBT /Overloc	0.7	3
2858	MicroRNA: Potential biomarker and target of therapy in acute lung injury. Human and Experimental Toxicology, 2020, 39, 1429-1442.	1.1	22
2859	Development of Antibodyâ€"Oligonucleotide Complexes for Targeting Exosomal MicroRNA. Pharmaceutics, 2020, 12, 545.	2.0	16
2860	Antagomirâ€155 Attenuates Acute Cardiac Rejection Using Ultrasound Targeted Microbubbles Destruction. Advanced Healthcare Materials, 2020, 9, e2000189.	3.9	10
2861	Strategies to Modulate MicroRNA Functions for the Treatment of Cancer or Organ Injury. Pharmacological Reviews, 2020, 72, 639-667.	7.1	45
2862	Role of Epigenetic Modifications in Inhibitory Immune Checkpoints in Cancer Development and Progression. Frontiers in Immunology, 2020, 11, 1469.	2.2	58
2863	Mesenchymal stem cell-derived extracellular vesicle-based therapies protect against coupled degeneration of the central nervous and vascular systems in stroke. Ageing Research Reviews, 2020, 62, 101106.	5.0	62

#	Article	IF	Citations
2864	A concise review on impacts of microRNAs in biology and medicine of hepatitis C virus. Gene Reports, 2020, 20, 100761.	0.4	0
2865	Improvement of a miRNA inhibitor by intracellular selection. Bioscience, Biotechnology and Biochemistry, 2020, 84, 1451-1454.	0.6	0
2866	Loss of HNF1Î± Function Contributes to Hepatocyte Proliferation and Abnormal Cholesterol Metabolism via Downregulating miR-122: A Novel Mechanism of MODY3 . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 627-639.	1.1	10
2867	MiR-149 attenuates endoplasmic reticulum stress-induced inflammation and apoptosis in nonalcoholic fatty liver disease by negatively targeting ATF6 pathway. Immunology Letters, 2020, 222, 40-48.	1.1	42
2868	Implications of microRNA in kidney metabolic disorders. ExRNA, 2020, 2, .	1.0	2
2870	â€œHâ€•for Heterogeneity in the Algorithm for Type 2 Diabetes Management. Current Diabetes Reports, 2020, 20, 14.	1.7	6
2871	Aortic valve calcification in the era of non-coding RNAs: The revolution to come in aortic stenosis management?. Non-coding RNA Research, 2020, 5, 41-47.	2.4	10
2872	Efficient miRNA Inhibitor Delivery with Graphene Oxide-Polyethylenimine to Inhibit Oral Squamous Cell Carcinoma . International Journal of Nanomedicine, 2020, Volume 15, 1569-1583.	3.3	19
2873	Pharmacological Silencing of MicroRNA-152 Prevents Pressure Overloadâ€“Induced Heart Failure. Circulation: Heart Failure, 2020, 13, e006298.	1.6	15
2874	Role of non-coding RNA networks in leukemia progression, metastasis and drug resistance. Molecular Cancer, 2020, 19, 57.	7.9	68
2875	MicroRNAs expressed by human cytomegalovirus. Virology Journal, 2020, 17, 34.	1.4	27
2876	MicroRNA-206 Regulation of Skin Pigmentation in Koi Carp (Cyprinus carpio L.). Frontiers in Genetics, 2020, 11, 47.	1.1	31
2877	Highly Expressed miR-375 is not an Intracellular Oncogene in Merkel Cell Polyomavirus-Associated Merkel Cell Carcinoma. Cancers, 2020, 12, 529.	1.7	17
2878	MicroRNA dilution during oocyte growth disables the microRNA pathway in mammalian oocytes. Nucleic Acids Research, 2020, 48, 8050-8062.	6.5	20
2879	Oxidative Stress and New Pathogenetic Mechanisms in Endothelial Dysfunction: Potential Diagnostic Biomarkers and Therapeutic Targets. Journal of Clinical Medicine, 2020, 9, 1995.	1.0	79
2880	MicroRNAs and Osteoblasts Differentiation. , 2020, , 439-448.		0
2881	MicroRNAs in gastric cancer: Biomarkers and therapeutic targets. Gene, 2020, 757, 144937.	1.0	27
2882	MiR-21 promotes calcium oxalate-induced renal tubular cell injury by targeting PPARA. American Journal of Physiology - Renal Physiology, 2020, 319, F202-F214.	1.3	15

#	Article	IF	Citations
2883	Levels of Circulating miRâ€122 are Associated with Weight Loss and Metabolic Syndrome. Obesity, 2020, 28, 493-501.	1.5	30
2884	The impact of microRNAs on alterations of gene regulatory networks in allergic diseases. Advances in Protein Chemistry and Structural Biology, 2020, 120, 237-312.	1.0	26
2885	MicroRNA-122 expression in hepatotoxic and Î³-irradiated rats pre-treated with naringin and silymarin. Journal of Radiation Research and Applied Sciences, 2020, 13, 47-55.	0.7	4
2886	LidNA, a miRNA inhibitor constructed with unmodified DNA, requires an xxxA insertion sequence in miRNA binding site for its potent inhibitory activity. FEBS Letters, 2020, 594, 1608-1614.	1.3	1
2887	Structural improvement of LidNA: delta-type LidNA is a potent miRNA inhibitor constructed with unmodified DNA. Bioscience, Biotechnology and Biochemistry, 2020, 84, 1168-1175.	0.6	1
2888	miRâ€125b lowers sensitivity to apoptosis following mitotic arrest: Implications for breast cancer therapy. Journal of Cellular Physiology, 2020, 235, 6335-6344.	2.0	11
2889	Targeted silencing of miRNA-132-3p expression rescues disuse osteopenia by promoting mesenchymal stem cell osteogenic differentiation and osteogenesis in mice. Stem Cell Research and Therapy, 2020, 11, 58.	2.4	28
2890	Oxidative Stress-Responsive MicroRNAs in Heart Injury. International Journal of Molecular Sciences, 2020, 21, 358.	1.8	113
2891	Modulation of polycystic kidney disease by non-coding RNAs. Cellular Signalling, 2020, 71, 109548.	1.7	22
2892	Enhancing the immunogenicity of a DNA vaccine against Streptococcus mutans by attenuating the inhibition of endogenous miR-9. Vaccine, 2020, 38, 1424-1430.	1.7	10
2893	microRNA-15b contributes to depression-like behavior in mice by affecting synaptic protein levels and function in the nucleus accumbens. Journal of Biological Chemistry, 2020, 295, 6831-6848.	1.6	15
2894	Genetic deletion of microRNA biogenesis in muscle cells reveals a hierarchical non-clustered network that controls focal adhesion signaling during muscle regeneration. Molecular Metabolism, 2020, 36, 100967.	3.0	10
2895	The powerful world of antisense oligonucleotides: From bench to bedside. Wiley Interdisciplinary Reviews RNA, 2020, 11, e1594.	3.2	162
2896	Therapeutic potential of microRNA in tendon injuries. British Medical Bulletin, 2020, 133, 79-94.	2.7	116
2897	microRNAs in the Antitumor Immune Response and in Bone Metastasis of Breast Cancer: From Biological Mechanisms to Therapeutics. International Journal of Molecular Sciences, 2020, 21, 2805.	1.8	17
2898	The Emerging Role of MicroRNAs in NAFLD: Highlight of MicroRNA-29a in Modulating Oxidative Stress, Inflammation, and Beyond. Cells, 2020, 9, 1041.	1.8	49
2899	RNA-based therapeutics in cardiovascular disease. Current Opinion in Cardiology, 2020, 35, 191-198.	0.8	10
2900	Exploiting Circulating MicroRNAs as Biomarkers in Psychiatric Disorders. Molecular Diagnosis and Therapy, 2020, 24, 279-298.	1.6	49

#	Article	IF	Citations
2901	Non-alcoholic fatty liver disease and microRNAs expression, how it affects the development and progression of the disease. Annals of Hepatology, 2021, 21, 100212.	0.6	25
2902	<scp>microRNAs</scp> deregulation in head and neck squamous cell carcinoma. Head and Neck, 2021, 43, 645-667.	0.9	12
2903	Noncoding RNAs in doxorubicin-induced cardiotoxicity and their potential as biomarkers and therapeutic targets. Acta Pharmacologica Sinica, 2021, 42, 499-507.	2.8	15
2904	Cholesterol homeostasis: Researching a dialogue between the brain and peripheral tissues. Pharmacological Research, 2021, 163, 105215.	3.1	50
2905	Inhibition of microRNA-155 Protects Retinal Function Through Attenuation of Inflammation in Retinal Degeneration. Molecular Neurobiology, 2021, 58, 835-854.	1.9	17
2906	Targeting respiratory diseases using miRNA inhibitor based nanotherapeutics: Current status and future perspectives. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 31, 102303.	1.7	16
2907	A novel rationale for targeting FXI: Insights from the hemostatic microRNA targetome for emerging anticoagulant strategies. , 2021, 218, 107676.		9
2908	Targeted delivery of small noncoding RNA for glioblastoma. Cancer Letters, 2021, 500, 274-280.	3.2	12
2909	MicroRNA function in craniofacial bone formation, regeneration and repair. Bone, 2021, 144, 115789.	1.4	13
2910	miRâ€196a regulates the skin pigmentation of koi carp (Cyprinus carpioL.) by targeting transcription factormitfa. Aquaculture Research, 2021, 52, 229-236.	0.9	6
2911	MicroRNAs regulating TGFÎ² and BMP signaling in the osteoblast lineage. Bone, 2021, 143, 115791.	1.4	20
2912	MicroRNA-155 contributes to plexiform neurofibroma growth downstream of MEK. Oncogene, 2021, 40, 951-963.	2.6	12
2913	Non-coding RNAs: the new central dogma of cancer biology. Science China Life Sciences, 2021, 64, 22-50.	2.3	93
2914	Therapeutic silencing miR-146b-5p improves cardiac remodeling in a porcine model of myocardial infarction by modulating the wound reparative phenotype. Protein and Cell, 2021, 12, 194-212.	4.8	26
2915	MiRNA Regulatory Functions in Photoreceptors. Frontiers in Cell and Developmental Biology, 2020, 8, 620249.	1.8	13
2916	MicroRNA regulation of cholesterol metabolism. Annals of the New York Academy of Sciences, 2021, 1495, 55-77.	1.8	15
2917	MicroRNA-155: Regulation of Immune Cells in Sepsis. Mediators of Inflammation, 2021, 2021, 1-10.	1.4	29
2918	Genistein alleviates chronic vascular inflammatory response via the miRâ€21/NFâ€ÎºB p65 axis in lipopolysaccharideâ€treated mice. Molecular Medicine Reports, 2021, 23, .	1.1	7

#	Article	IF	Citations
2919	Therapeutic Mechanism of Nucleic Acid Drugs. ChemistrySelect, 2021, 6, 903-916.	0.7	8
2920	Gene Reporter Assays to Study miRNA Function. Methods in Molecular Biology, 2021, 2300, 119-131.	0.4	3
2921	Dauricine inhibits human pancreatic carcinoma cell proliferation through regulating miRNAs. Molecular Omics, 2021, 17, 630-640.	1.4	3
2922	The Landscape of microRNAs in Î²Cell: Between Phenotype Maintenance and Protection. International Journal of Molecular Sciences, 2021, 22, 803.	1.8	11
2923	Non-Alcoholic Fatty Liver Disease: From Pathogenesis to Clinical Impact. Processes, 2021, 9, 135.	1.3	62
2924	MicroRNAs Regulating Autophagy in Neurodegeneration. Advances in Experimental Medicine and Biology, 2021, 1208, 191-264.	0.8	1
2925	The lncRNA H19-Derived MicroRNA-675 Promotes Liver Necroptosis by Targeting FADD. Cancers, 2021, 13, 411.	1.7	28
2926	Noncoding RNAs: modulators and modulatable players during infection-induced stress response. Briefings in Functional Genomics, 2021, 20, 28-41.	1.3	10
2927	The journey of noncoding RNA from bench to clinic. , 2021, , 165-201.		2
2928	Effective tools for RNA-derived therapeutics: siRNA interference or miRNA mimicry. Theranostics, 2021, 11, 8771-8796.	4.6	50
2930	Super enhancer-mediated transcription of miR146a-5p drives M2 polarization during Leishmania donovani infection. PLoS Pathogens, 2021, 17, e1009343.	2.1	26
2931	Cell typeâ€“specific microRNA therapies for myocardial infarction. Science Translational Medicine, 2021, 13, .	5.8	23
2932	Disabling VEGF-Response of Purkinje Cells by Downregulation of KDR via miRNA-204-5p. International Journal of Molecular Sciences, 2021, 22, 2173.	1.8	3
2933	Overview and Update on Methods for Cargo Loading into Extracellular Vesicles. Processes, 2021, 9, 356.	1.3	57
2934	MicroRNAs and Long Non-Coding RNAs as Potential Candidates to Target Specific Motifs of SARS-CoV-2. Non-coding RNA, 2021, 7, 14.	1.3	32
2935	MiR-153b-3p regulates the proliferation and differentiation of male germ cells by targeting amh in common carp (Cyprinus carpio). Aquaculture, 2021, 535, 736420.	1.7	5
2936	miR-31 promotes neural stem cell proliferation and restores motor function after spinal cord injury. Experimental Biology and Medicine, 2021, 246, 1274-1286.	1.1	5
2937	Non-coding RNAs in Cardiac Regeneration. Frontiers in Physiology, 2021, 12, 650566.	1.3	17

#	Article	IF	Citations
2938	Quercetin prevents cadmium chlorideâ€induced hepatic steatosis and fibrosis by downregulating the transcription of <scp>miR</scp>â€21. BioFactors, 2021, 47, 489-505.	2.6	26
2939	MicroRNAâ€122 promotes apoptosis of keratinocytes in oral lichen planus through suppressing VDR expression. Journal of Cellular and Molecular Medicine, 2021, 25, 3400-3407.	1.6	7
2940	RNA-based therapies: A cog in the wheel of lung cancer defense. Molecular Cancer, 2021, 20, 54.	7.9	53
2941	Inhibition of miRâ€188â€5p alleviates hepatic fibrosis by significantly reducing the activation and proliferation of HSCs through PTEN/PI3K/AKT pathway. Journal of Cellular and Molecular Medicine, 2021, 25, 4073-4087.	1.6	32
2942	MicroRNA-mediated regulation of glucose and lipid metabolism. Nature Reviews Molecular Cell Biology, 2021, 22, 425-438.	16.1	154
2943	Long non-coding (lnc)RNA profiling and the role of a key regulator lnc-PNRC2-1 in the transforming growth factor-Î²1-induced epithelialâ€“mesenchymal transition of CNE1 nasopharyngeal carcinoma cells. Journal of International Medical Research, 2021, 49, 030006052199651.	0.4	1
2944	Non-Coding RNAs in Cancer Diagnosis and Therapy: Focus on Lung Cancer. Cancers, 2021, 13, 1372.	1.7	28
2945	Roles of circRNAs on tumor autophagy. Molecular Therapy - Nucleic Acids, 2021, 23, 918-929.	2.3	10
2946	Functional Foods for the Management of Non-Alcoholic Fatty Liver Disease. , 0, , .		2
2947	Notch Signaling Regulation in HCC: From Hepatitis Virus to Non-Coding RNAs. Cells, 2021, 10, 521.	1.8	13
2948	MicroRNA-1 Expression and Function in Hyalomma Anatolicum anatolicum (Acari: Ixodidae) Ticks. Frontiers in Physiology, 2021, 12, 596289.	1.3	5
2949	The Role of MicroRNAs in Lung Cancer Metabolism. Cancers, 2021, 13, 1716.	1.7	17
2950	Astragaloside IV Inhibits Galactose-Deficient IgA1 Secretion via miR-98-5p in Pediatric IgA Nephropathy. Frontiers in Pharmacology, 2021, 12, 658236.	1.6	2
2951	Unresolved Issues in RNA Therapeutics in Vascular Diseases With a Focus on Aneurysm Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 571076.	1.1	4
2952	MicroRNAs in Acute ST Elevation Myocardial Infarctionâ€”A New Tool for Diagnosis and Prognosis: Therapeutic Implications. International Journal of Molecular Sciences, 2021, 22, 4799.	1.8	18
2953	MicroRNAs in childhood nephrotic syndrome. Journal of Cellular Physiology, 2021, 236, 7186-7210.	2.0	2
2954	A microRNA-21-responsive doxorubicin-releasing sticky-flare for synergistic anticancer with silencing of microRNA and chemotherapy. Science China Chemistry, 2021, 64, 1009-1019.	4.2	5
2955	Antagomir technology in the treatment of different types of cancer. Epigenomics, 2021, 13, 481-484.	1.0	40

#	Article	IF	Citations
2956	Inhibition of anti-inflammatory cytokines, IL-10 and TGF-Î², in Leishmania major infected macrophage by miRNAs: A new therapeutic modality against leishmaniasis. Microbial Pathogenesis, 2021, 153, 104777.	1.3	9
2957	An Analysis of Mechanisms for Cellular Uptake of miRNAs to Enhance Drug Delivery and Efficacy in Cancer Chemoresistance. Non-coding RNA, 2021, 7, 27.	1.3	3
2958	Hypoxia-inducible factorâ€“1Îºâ€“dependent induction of miR122 enhances hepatic ischemia tolerance. Journal of Clinical Investigation, 2021, 131, .	3.9	33
2959	Transfection types, methods and strategies: a technical review. PeerJ, 2021, 9, e11165.	0.9	93
2960	AQP5 regulates vimentin expression via miR-124â€“3p.1 to protect lens transparency. Experimental Eye Research, 2021, 205, 108485.	1.2	19
2961	Highly Potent GalNAc-Conjugated Tiny LNA Anti-miRNA-122 Antisense Oligonucleotides. Pharmaceutics, 2021, 13, 817.	2.0	9
2962	Interplay between miRNAs and Mycobacterium tuberculosis: diagnostic and therapeutic implications. Drug Discovery Today, 2021, 26, 1245-1255.	3.2	7
2963	miRNA-Mediated Control of B Cell Responses in Immunity and SLE. Frontiers in Immunology, 2021, 12, 683710.	2.2	15
2964	MicroRNA Therapeutics in Cancer: Current Advances and Challenges. Cancers, 2021, 13, 2680.	1.7	82
2965	Inhibition of microRNAâ€129â€“2â€3p protects against refractory temporal lobe epilepsy by regulating GABRA1. Brain and Behavior, 2021, 11, e02195.	1.0	16
2966	Microtubule-Associated Protein ATIP3, an Emerging Target for Personalized Medicine in Breast Cancer. Cells, 2021, 10, 1080.	1.8	6
2967	Role of MicroRNAs, Aptamers in Neuroinflammation and Neurodegenerative Disorders. Cellular and Molecular Neurobiology, 2022, 42, 2075-2095.	1.7	22
2968	A Trojan-Horse Strategy by In Situ Piggybacking onto Endogenous Albumin for Tumor-Specific Neutralization of Oncogenic MicroRNA. ACS Nano, 2021, 15, 11369-11384.	7.3	15
2969	Epigenetic Regulation of Autophagy in Cardiovascular Pathobiology. International Journal of Molecular Sciences, 2021, 22, 6544.	1.8	8
2970	Altered H19/miRâ€675 expression in skeletal muscle is associated with low muscle mass in communityâ€dwelling older adults. JCSM Rapid Communications, 2021, 4, 207-221.	0.6	0
2971	Preliminary Study of microRNAs Allele-Specific Targeting in Allergic Rhinitis Patients from Central China. Combinatorial Chemistry and High Throughput Screening, 2021, 24, .	0.6	0
2972	miRNA in cardiac development and regeneration. Cell Regeneration, 2021, 10, 14.	1.1	34
2973	The Clinical Assessment of MicroRNA Diagnostic, Prognostic, and Theranostic Value in Colorectal Cancer. Cancers, 2021, 13, 2916.	1.7	9

#	Article	IF	Citations
2974	MicroRNA-132 Inhibition Prevents Myocardial Hypertrophy and HeartÂFailure in Pigs. Journal of the American College of Cardiology, 2021, 77, 2936-2938.	1.2	2
2975	Redox-related biomarkers in human cardiovascular disease - classical footprints and beyond. Redox Biology, 2021, 42, 101875.	3.9	59
2976	Therapeutic RNA interference: A novel approach to the treatment of primary hyperoxaluria. British Journal of Clinical Pharmacology, 2022, 88, 2525-2538.	1.1	17
2977	Noncoding RNA therapeutics â€" challenges and potential solutions. Nature Reviews Drug Discovery, 2021, 20, 629-651.	21.5	749
2978	Argonaute binding within human nuclear RNA and its impact on alternative splicing. Rna, 2021, 27, 991-1003.	1.6	23
2979	MicroRNAs as biomarkers and perspectives in the therapy of pancreatic cancer. Molecular and Cellular Biochemistry, 2021, 476, 4191-4203.	1.4	7
2980	Gene- and RNAi-activated scaffolds for bone tissue engineering: Current progress and future directions. Advanced Drug Delivery Reviews, 2021, 174, 613-627.	6.6	43
2981	Multifunctional hierarchical nanohybrids perform triple antitumor theranostics in a cascaded manner for effective tumor treatment. Acta Biomaterialia, 2021, 128, 408-419.	4.1	9
2982	miRNA biomarkers in renal disease. International Urology and Nephrology, 2022, 54, 575-588.	0.6	18
2983	A structure-specific small molecule inhibits a miRNA-200 family member precursor and reverses a type 2 diabetes phenotype. Cell Chemical Biology, 2022, 29, 300-311.e10.	2.5	13
2984	A modified protocol for successful miRNA profiling in human precision-cut lung slices (PCLS). BMC Research Notes, 2021, 14, 255.	0.6	2
2985	The Role of Epigenetic Changes in the Progression of Alcoholic Steatohepatitis. Frontiers in Physiology, 2021, 12, 691738.	1.3	12
2986	From bench side to clinic: Potential and challenges of RNA vaccines and therapeutics in infectious diseases. Molecular Aspects of Medicine, 2021, 81, 101003.	2.7	13
2987	Complement C7 is Specifically Expressed in Mesangial Cells and is a Potential Diagnostic Biomarker for Diabetic Nephropathy and is Regulated by miR-494-3p and miR-574-5p. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2021, Volume 14, 3077-3088.	1.1	9
2988	Role of miR-24 in Multiple Endocrine Neoplasia Type 1: A Potential Target for Molecular Therapy. International Journal of Molecular Sciences, 2021, 22, 7352.	1.8	9
2989	Nanoparticles-Based Oligonucleotides Delivery in Cancer: Role of Zebrafish as Animal Model. Pharmaceutics, 2021, 13, 1106.	2.0	7
2990	Network-Based Integration of Multi-Omics Data Identifies the Determinants of miR-491-5p Effects. Cancers, 2021, 13, 3970.	1.7	1
2991	Hsa-miR-605 regulates the proinflammatory chemokine CXCL5 in complex regional pain syndrome. Biomedicine and Pharmacotherapy, 2021, 140, 111788.	2.5	3

#	Article	IF	Citations
2992	Cadmium chloride induces non-alcoholic fatty liver disease in rats by stimulating miR-34a/SIRT1/FXR/p53 axis. Science of the Total Environment, 2021, 784, 147182.	3.9	31
2993	Epidemiology, Genetics and Epigenetics of Congenital Heart Diseases in Twins. Cureus, 2021, 13, e17253.	0.2	5
2994	MicroRNAs as Potential Predictors of Response to CDK4/6 Inhibitor Treatment. Cancers, 2021, 13, 4114.	1.7	10
2997	Interplay between MAPK/ERK signaling pathway and MicroRNAs: A crucial mechanism regulating cancer cell metabolism and tumor progression. Life Sciences, 2021, 278, 119499.	2.0	86
2998	CircRNF111 Protects Against Insulin Resistance and Lipid Deposition via Regulating miR-143-3p/IGF2R Axis in Metabolic Syndrome. Frontiers in Cell and Developmental Biology, 2021, 9, 663148.	1.8	16
2999	Let-7a-5p, miR-100-5p, miR-101-3p, and miR-199a-3p Hyperexpression as Potential Predictive Biomarkers in Early Breast Cancer Patients. Journal of Personalized Medicine, 2021, 11, 816.	1.1	12
3000	MicroRNA: Biogenesis and potential role as biomarkers in lung diseases. Meta Gene, 2021, 29, 100920.	0.3	0
3001	The Role of microRNA in Pancreatic Cancer. Biomedicines, 2021, 9, 1322.	1.4	14
3002	Extracellular miRNAs in redox signaling: Health, disease and potential therapies. Free Radical Biology and Medicine, 2021, 173, 170-187.	1.3	15
3003	Chemistry of Peptide-Oligonucleotide Conjugates: A Review. Molecules, 2021, 26, 5420.	1.7	40
3004	Advances in epigenetics in systemic sclerosis: molecular mechanisms and therapeutic potential. Nature Reviews Rheumatology, 2021, 17, 596-607.	3.5	53
3005	The development and improvement of ribonucleic acid therapy strategies. Molecular Therapy - Nucleic Acids, 2021, 26, 997-1013.	2.3	11
3006	Site-directed RNA editing: recent advances and open challenges. RNA Biology, 2021, 18, 41-50.	1.5	31
3007	Gamma-irradiation fluctuates the mRNA N6-methyladenosine (m6A) spectrum of bone marrow in hematopoietic injury. Environmental Pollution, 2021, 285, 117509.	3.7	3
3008	Emerging role of MyomiRs as biomarkers and therapeutic targets in skeletal muscle diseases. American Journal of Physiology - Cell Physiology, 2021, 321, C859-C875.	2.1	6
3009	Potential Therapeutic Effect of Micrornas in Extracellular Vesicles from Mesenchymal Stem Cells against SARS-CoV-2. Cells, 2021, 10, 2393.	1.8	29
3010	Small extracellular vesicle non-coding RNAs in pancreatic cancer: molecular mechanisms and clinical implications. Journal of Hematology and Oncology, 2021, 14, 141.	6.9	36
3011	Human herpesvirus-encoded MicroRNA in host-pathogen interaction. Advances in Biological Regulation, 2021, 82, 100829.	1.4	0

#	Article	IF	Citations
3012	The role of miRNA in retinal ganglion cell health and disease. Neural Regeneration Research, 2022, 17, 516.	1.6	11
3013	Pathogenic role of microRNAs in atherosclerotic ischemic stroke: Implications for diagnosis and therapy. Genes and Diseases, 2022, 9, 682-696.	1.5	10
3014	Non-coding RNAs and other determinants of neuroinflammation and endothelial dysfunction: regulation of gene expression in the acute phase of ischemic stroke and possible therapeutic applications. Neural Regeneration Research, 2021, 16, 2154.	1.6	14
3015	BMAL1 attenuates intracerebral hemorrhage-induced secondary brain injury in rats by regulating the Nrf2 signaling pathway. Annals of Translational Medicine, 2021, 9, 1617-1617.	0.7	10
3017	MiR-27b-3p inhibits the progression of renal fibrosis via suppressing STAT1. Human Cell, 2021, 34, 383-393.	1.2	15
3018	The role of microRNA-33 as a key regulator in hepatic lipogenesis signaling and a potential serological biomarker for NAFLD with excessive dietary fructose consumption in C57BL/6N mice. Food and Function, 2021, 12, 656-667.	2.1	20
3021	MicroRNAs: New Players in AML Pathogenesis. Cancer Treatment and Research, 2009, 145, 169-181.	0.2	2
3022	Chemical Modifications in RNA Interference and CRISPR/Cas Genome Editing Reagents. Methods in Molecular Biology, 2020, 2115, 23-55.	0.4	7
3023	MicroRNAs as Therapeutic Targets for Cancer. , 2009, , 441-474.		2
3024	Hepatic Gene Therapy. Molecular Pathology Library, 2011, , 343-370.	0.1	1
3025	Cancer Cell Respiration: Hypoxia and pH in Solid Tumors. , 2013, , 183-206.		1
3026	The Role of MicroRNAs in Hematopoietic Stem Cells and Leukemia Development. , 2014, , 139-157.		1
3027	Control of Oncogenic miRNA Function by Light-Activated miRNA Antagomirs. Methods in Molecular Biology, 2014, 1165, 99-114.	0.4	9
3028	MicroRNA Methodology: Advances in miRNA Technologies. Methods in Molecular Biology, 2014, 1169, 121-130.	0.4	13
3029	Antisense Oligonucleotide-Based Therapies for Diseases Caused by pre-mRNA Processing Defects. Advances in Experimental Medicine and Biology, 2014, 825, 303-352.	0.8	60
3030	MicroRNAs as Therapeutic Targets. , 2015, , 683-697.		1
3031	Clinical Implications of MicroRNAs in AML. , 2015, , 699-705.		2
3032	Computational Design of Artificial RNA Molecules for Gene Regulation. Methods in Molecular Biology, 2015, 1269, 393-412.	0.4	28

#	Article	IF	Citations
3033	Dual Luciferase Gene Reporter Assays to Study miRNA Function. Methods in Molecular Biology, 2015, 1296, 187-198.	0.4	92
3034	Genome-Wide Analysis of MicroRNA-Regulated Transcripts. Methods in Molecular Biology, 2017, 1617, 93-107.	0.4	3
3035	Using Synthetic Precursor and Inhibitor miRNAs to Understand miRNA Function. Methods in Molecular Biology, 2008, 419, 289-301.	0.4	4
3036	The Therapeutic Potential of LNA-modified siRNAs: Reduction of Off-target Effects by Chemical Modification of the siRNA Sequence. Methods in Molecular Biology, 2009, 487, 1-15.	0.4	49
3037	The Concept of Multiple-Target Anti-miRNA Antisense Oligonucleotide Technology. Methods in Molecular Biology, 2011, 676, 51-57.	0.4	26
3038	Modulation of MicroRNAs for Potential Cancer Therapeutics. Methods in Molecular Biology, 2011, 676, 59-70.	0.4	10
3039	miRNAs in Human Cancer. Methods in Molecular Biology, 2012, 822, 295-306.	0.4	56
3040	Identification of Cancer Stem Cell-Related MicroRNAs in Hepatocellular Carcinoma. Methods in Molecular Biology, 2012, 826, 163-175.	0.4	10
3041	Current and Future Developments in Cancer Therapy Research: miRNAs as New Promising Targets or Tools. , 2012, , 517-546.		2
3042	Identification of Inhibitors of MicroRNA Function from Small Molecule Screens. Methods in Molecular Biology, 2014, 1095, 147-156.	0.4	17
3043	MicroRNA Maturation and Human Disease. Methods in Molecular Biology, 2014, 1095, 11-25.	0.4	34
3044	Approaches to the Modulation of miRNA Maturation. Methods in Molecular Biology, 2014, 1095, 27-58.	0.4	2
3045	Use of MicroRNAs in Personalized Medicine. Methods in Molecular Biology, 2014, 1107, 311-325.	0.4	24
3046	Big from Small: MicroRNA in Relation to Veterinary Sciences. , 2019, , 447-453.		1
3047	MicroRNAs in the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2020, 1277, 1-31.	0.8	12
3048	MicroRNA Based Therapeutic Strategies for Cancer: Emphasis on Advances in Renal Cell Carcinoma. , 2014, , 175-188.		5
3049	MicroRNA Targeted Therapy for Overcoming Drug Resistance, Reversal of EMT and Elimination of Cancer Stem Cells in Prostate and Pancreatic Cancer. , 2014, , 199-217.		3
3050	Overcoming Drug Resistance in Colorectal Cancer by MicroRNAs. , 2014, , 139-155.		3

#	Article	IF	Citations
3051	What Is the Transcriptome and How it is Evaluated?. , 2014, , 3-48.		5
3052	Recognition of RNA Sequence and Structure by Duplex and Triplex Formation: Targeting miRNA and Pre-miRNA. RNA Technologies, 2016, , 299-317.	0.2	8
3053	MicroRNAs: Novel Therapeutic Targets for Diabetic Wound Healing. Contemporary Diabetes, 2018, , 237-246.	0.0	2
3054	MicroRNAs. , 2010, , 493-499.		4
3055	miRNAs Targeting and Targeting miRNAs. , 2009, , 1-57.		1
3056	Anti-miRNA Antisense Oligonucleotides Technology. , 2009, , 127-143.		1
3057	Translational Control of Endogenous MicroRNA Target Genes in C. elegans. Progress in Molecular and Subcellular Biology, 2010, 50, 21-40.	0.9	1
3058	Renaissance of the Regulatory RNAs. , 2012, , 3-22.		1
3059	The Role of MicroRNAs in Neurodegenerative Diseases: Implications for Early Detection and Treatment. , 2012, , 443-473.		1
3060	MicroRNAs and Their Antagonists as Novel Therapeutics. RNA Technologies, 2012, , 503-523.	0.2	2
3061	Epigenetics and microRNAs in Cancer. , 2015, , 285-294.		2
3062	Plant miRNomics: Novel Insights in Gene Expression and Regulation. , 2015, , 181-211.		7
3063	MicroRNAs and Cancer Stem Cells. , 2011, , 373-388.		4
3064	An Overview of Non-coding RNAs and Cardiovascular System. Advances in Experimental Medicine and Biology, 2020, 1229, 3-45.	0.8	7
3065	RNA Binding Proteins and Non-coding RNAâ€™s in Cardiovascular Diseases. Advances in Experimental Medicine and Biology, 2020, 1229, 105-118.	0.8	3
3066	Epigenetic involvement in etiopathogenesis and implications in treatment of systemic lupus erythematous. Inflammation Research, 2017, 66, 1057-1073.	1.6	20
3067	Current strategies for microRNA research. Modern Rheumatology, 2012, 22, 645-653.	0.9	9
3068	Overexpression of microRNA-223 in rheumatoid arthritis synovium controls osteoclast differentiation. Modern Rheumatology, 2013, 23, 674-685.	0.9	70

#	Article	IF	Citations
3069	MicroRNA Deregulation in Lung Cancer and Their Use as Clinical Tools. , 2016, , 539-555.		1
3070	Genetics as a Tool in Neurology. , 2007, , 1-17.		2
3071	Molecular epigenetic targets for liver diseases: current challenges and future prospects. Drug Discovery Today, 2017, 22, 1620-1636.	3.2	7
3072	Research and Development of Oligonucleotides Targeting MicroRNAs (miRNAs). RSC Drug Discovery Series, 2019, , 151-180.	0.2	2
3073	Locked Nucleic Acid: Properties and Therapeutic Aspects. RSC Biomolecular Sciences, 2008, , 103-141.	0.4	11
3074	Agonist of RORA Attenuates Nonalcoholic Fatty Liver Progression in Mice via Up-regulation of MicroRNA 122. Gastroenterology, 2020, 159, 999-1014.e9.	0.6	59
3075	Molecular micromanagement: DNA nanotechnology establishes spatio-temporal control for precision medicine. Biophysics Reviews, 2020, 1, 011305.	1.0	4
3076	microRNA in inflammatory bowel disease at a glance. European Journal of Gastroenterology and Hepatology, 2021, 32, 140-148.	0.8	11
3080	Inhibition of profibrotic microRNA-21 affects platelets and their releasate. JCI Insight, 2018, 3, .	2.3	30
3081	Chromosomal rearrangements and microRNAs: a new cancer link with clinical implications. Journal of Clinical Investigation, 2007, 117, 2059-2066.	3.9	151
3082	MicroRNAs: powerful new regulators of heart disease and provocative therapeutic targets. Journal of Clinical Investigation, 2007, 117, 2369-2376.	3.9	475
3083	Therapeutic application of RNAi: is mRNA targeting finally ready for prime time?. Journal of Clinical Investigation, 2007, 117, 3633-3641.	3.9	132
3084	The liver-specific microRNA miR-122 controls systemic iron homeostasis in mice. Journal of Clinical Investigation, 2011, 121, 1386-1396.	3.9	221
3085	MicroRNAs in cardiovascular disease: from pathogenesis to prevention and treatment. Journal of Clinical Investigation, 2013, 123, 11-18.	3.9	260
3086	MicroRNA-122 plays a critical role in liver homeostasis and hepatocarcinogenesis. Journal of Clinical Investigation, 2012, 122, 2884-2897.	3.9	726
3087	Essential metabolic, anti-inflammatory, and anti-tumorigenic functions of miR-122 in liver. Journal of Clinical Investigation, 2012, 122, 2871-2883.	3.9	666
3088	Hypoxia-responsive miRNAs target argonaute 1 to promote angiogenesis. Journal of Clinical Investigation, 2013, 123, 1057-1067.	3.9	158
3089	Therapeutic antagonists of microRNAs deplete leukemia-initiating cell activity. Journal of Clinical Investigation, 2014, 124, 222-236.	3.9	66

#	Article	IF	Citations
3090	Cardiovascular science: opportunities for translating research into improved care. Journal of Clinical Investigation, 2013, 123, 6-10.	3.9	26
3091	Targeting miR-23a in CD8+ cytotoxic T lymphocytes prevents tumor-dependent immunosuppression. Journal of Clinical Investigation, 2014, 124, 5352-5367.	3.9	102
3093	Strategies to target long non-coding RNAs in cancer treatment: progress and challenges. Egyptian Journal of Medical Human Genetics, 2020, 21, .	0.5	44
3094	How to Assay microRNA Expression A Technology Guide. , 2009, , 215-240.		1
3095	RNA Interference and microRNAs in Zebra Fish. , 2009, , 149-172.		1
3096	Recombinant adenoviral microRNA-206 induces myogenesis in C2C12 cells. Medical Science Monitor, 2011, 17, BR364-BR371.	0.5	6
3097	In vivo miRNA knockout screening identifies miR-190b as a novel tumor suppressor. PLoS Genetics, 2020, 16, e1009168.	1.5	14
3098	Silencing Viral Infection. PLoS Medicine, 2006, 3, e242.	3.9	46
3099	Inferring MicroRNA Activities by Combining Gene Expression with MicroRNA Target Prediction. PLoS ONE, 2008, 3, e1989.	1.1	79
3100	Systematic Identification of mRNAs Recruited to Argonaute 2 by Specific microRNAs and Corresponding Changes in Transcript Abundance. PLoS ONE, 2008, 3, e2126.	1.1	152
3101	Antagomir-17-5p Abolishes the Growth of Therapy-Resistant Neuroblastoma through p21 and BIM. PLoS ONE, 2008, 3, e2236.	1.1	345
3102	MicroRNA Expression Patterns and Function in Endodermal Differentiation of Human Embryonic Stem Cells. PLoS ONE, 2008, 3, e3726.	1.1	103
3103	Increased MicroRNA Activity in Human Cancers. PLoS ONE, 2009, 4, e6045.	1.1	39
3104	MicroRNA-122 Modulates the Rhythmic Expression Profile of the Circadian Deadenylase Nocturnin in Mouse Liver. PLoS ONE, 2010, 5, e11264.	1.1	86
3105	Proanthocyanidins Modulate MicroRNA Expression in Human HepG2 Cells. PLoS ONE, 2011, 6, e25982.	1.1	97
3106	A Systematic Screen for Micro-RNAs Regulating the Canonical Wnt Pathway. PLoS ONE, 2011, 6, e26257.	1.1	63
3107	Postprandial Regulation of Hepatic MicroRNAs Predicted to Target the Insulin Pathway in Rainbow Trout. PLoS ONE, 2012, 7, e38604.	1.1	86
3108	miR-337-3p and Its Targets STAT3 and RAP1A Modulate Taxane Sensitivity in Non-Small Cell Lung Cancers. PLoS ONE, 2012, 7, e39167.	1.1	96

#	Article	IF	Citations
3109	miRNA Regulons Associated with Synaptic Function. PLoS ONE, 2012, 7, e46189.	1.1	39
3110	MiR-122 Inhibits Cell Proliferation and Tumorigenesis of Breast Cancer by Targeting IGF1R. PLoS ONE, 2012, 7, e47053.	1.1	131
3111	miR-1 Exacerbates Cardiac Ischemia-Reperfusion Injury in Mouse Models. PLoS ONE, 2012, 7, e50515.	1.1	107
3112	Characterization of MicroRNA Expression Profiles and the Discovery of Novel MicroRNAs Involved in Cancer during Human Embryonic Development. PLoS ONE, 2013, 8, e69230.	1.1	33
3113	Chronic Administration of Proanthocyanidins or Docosahexaenoic Acid Reversess the Increase of miR-33a and miR-122 in Dyslipidemic Obese Rats. PLoS ONE, 2013, 8, e69817.	1.1	69
3114	Examination of Artificial MiRNA Mimics with Centeredâ€“Site Complementarity for Gene Targeting. PLoS ONE, 2013, 8, e72062.	1.1	8
3115	Negative Auto-Regulation of Myostatin Expression is Mediated by Smad3 and MicroRNA-27. PLoS ONE, 2014, 9, e87687.	1.1	68
3116	Epithelial SCAP/INSIG/SREBP Signaling Regulates Multiple Biological Processes during Perinatal Lung Maturation. PLoS ONE, 2014, 9, e91376.	1.1	18
3117	Overexpression of miR-125a in Myelodysplastic Syndrome CD34+ Cells Modulates NF-ÎºB Activation and Enhances Erythroid Differentiation Arrest. PLoS ONE, 2014, 9, e93404.	1.1	42
3118	Diet-Induced Obesity Modulates Epigenetic Responses to Ionizing Radiation in Mice. PLoS ONE, 2014, 9, e106277.	1.1	36
3119	Association of Serum MicroRNA Expression in Hepatocellular Carcinomas Treated with Transarterial Chemoembolization and Patient Survival. PLoS ONE, 2014, 9, e109347.	1.1	67
3120	Growth Hormone-Regulated mRNAs and miRNAs in Chicken Hepatocytes. PLoS ONE, 2014, 9, e112896.	1.1	25
3121	Targeted Knock-Down of miR21 Primary Transcripts Using snoMEN Vectors Induces Apoptosis in Human Cancer Cell Lines. PLoS ONE, 2015, 10, e0138668.	1.1	11
3122	Low-Dose, Long-Wave UV Light Does Not Affect Gene Expression of Human Mesenchymal Stem Cells. PLoS ONE, 2015, 10, e0139307.	1.1	67
3123	A PCR-Based Method to Construct Lentiviral Vector Expressing Double Tough Decoy for miRNA Inhibition. PLoS ONE, 2015, 10, e0143864.	1.1	5
3124	Berberine Attenuates Development of the Hepatic Gluconeogenesis and Lipid Metabolism Disorder in Type 2 Diabetic Mice and in Palmitate-Incubated HepG2 Cells through Suppression of the HNF-4Î± miR122 Pathway. PLoS ONE, 2016, 11, e0152097.	1.1	67
3125	The Upregulation of Genomic Imprinted DLK1-Dio3 miRNAs in Murine Lupus Is Associated with Global DNA Hypomethylation. PLoS ONE, 2016, 11, e0153509.	1.1	34
3126	Monitoring integrity and localization of modified single-stranded RNA oligonucleotides using ultrasensitive fluorescence methods. PLoS ONE, 2017, 12, e0173401.	1.1	10

#	Article	IF	Citations
3127	CSmiRTar: Condition-Specific microRNA targets database. PLoS ONE, 2017, 12, e0181231.	1.1	21
3128	Inhibition of miR-142-5P ameliorates disease in mouse models of experimental colitis. PLoS ONE, 2017, 12, e0185097.	1.1	16
3129	MicroRNAs in Drug-induced Liver Injury. Journal of Clinical and Translational Hepatology, 2014, 2, 162-9.	0.7	14
3130	Role of MicroRNAs in Pathophysiology of Non-alcoholic Fatty Liver Disease and Non-alcoholic Steatohepatitis. Middle East Journal of Digestive Diseases, 2018, 10, 213-219.	0.2	18
3131	Metformin decreases miR-122, miR-223 and miR-29a in women with polycystic ovary syndrome. Endocrine Connections, 2020, 9, 1075-1084.	0.8	20
3133	HITS-CLIP and PAR-CLIP Advance Viral MiRNA Targetome Analysis. Critical Reviews in Eukaryotic Gene Expression, 2014, 24, 101-116.	0.4	23
3134	In Vivo Delivery Aspects of miRNA, shRNA and siRNA. Critical Reviews in Therapeutic Drug Carrier Systems, 2012, 29, 487-527.	1.2	56
3136	Keeping your senescent cells under control. Aging, 2009, 1, 438-441.	1.4	12
3137	Non-coding RNAs in lung cancer. Oncoscience, 2014, 1, 674-705.	0.9	33
3138	Coordinated Targeting of the EGFR Signaling Axis by MicroRNA-27a*. Oncotarget, 2013, 4, 1388-1398.	0.8	44
3139	Involvement of inflammation and its related microRNAs in hepatocellular carcinoma. Oncotarget, 2017, 8, 22145-22165.	0.8	34
3140	A high-content morphological screen identifies novel microRNAs that regulate neuroblastoma cell differentiation. Oncotarget, 2014, 5, 2499-2512.	0.8	45
3141	Yin Yang 1 is a target of microRNA-34 family and contributes to gastric carcinogenesis. Oncotarget, 2014, 5, 5002-5016.	0.8	69
3142	Non coding RNA analysis in fibrolamellar hepatocellular carcinoma. Oncotarget, 2018, 9, 10211-10227.	0.8	24
3143	A microRNA signature profile in EBV+ diffuse large B-cell lymphoma of the elderly. Oncotarget, 2014, 5, 11813-11826.	0.8	32
3144	miRNA interventions serve as â€˜magic bulletsâ€™ in the reversal of glioblastoma hallmarks. Oncotarget, 2015, 6, 38628-38642.	0.8	38
3145	Inâ€˜silico identification of cardiovascular diseaseâ€˜related SNPs affecting predicted microRNA target sites. Polish Archives of Internal Medicine, 2013, 123, 355-369.	0.3	6
3146	Canonical and Non-Canonical Barriers Facing AntimiR Cancer Therapeutics. Current Medicinal Chemistry, 2013, 20, 3582-3593.	1.2	48

#	Article	IF	Citations
3147	MicroRNA miR-122 as a Therapeutic Target for Oligonucleotides and Small Molecules. Current Medicinal Chemistry, 2013, 20, 3629-3640.	1.2	32
3148	Expression profile of MicroRNA: An Emerging Hallmark of Cancer. Current Pharmaceutical Design, 2019, 25, 642-653.	0.9	35
3149	Impact of microRNAs in Resistance to Chemotherapy and Novel Targeted Agents in Non-Small Cell Lung Cancer. Current Pharmaceutical Biotechnology, 2014, 15, 475-485.	0.9	54
3150	MicroRNA: Promising Roles in Cancer Therapy. Current Pharmaceutical Biotechnology, 2020, 21, 1186-1203.	0.9	18
3151	Do Epigenetic Marks Govern Bone Mass and Homeostasis?. Current Genomics, 2012, 13, 252-263.	0.7	38
3152	Tumor Protein p63/microRNA Network in Epithelial Cancer Cells. Current Genomics, 2013, 14, 441-452.	0.7	19
3153	VEGF - A Stimulus for Neuronal Development and Regeneration in the CNS and PNS. Current Protein and Peptide Science, 2018, 19, 589-597.	0.7	47
3154	Prospects of miRNA-Based Therapy for Pancreatic Cancer. Current Drug Targets, 2013, 14, 1101-1109.	1.0	38
3155	Regulating miRNA by Natural Agents as a New Strategy for Cancer Treatment. Current Drug Targets, 2013, 14, 1167-1174.	1.0	69
3156	MicroRNAs as Tools and Effectors for Patient Treatment in Gastrointestinal Carcinogenesis. Current Drug Targets, 2015, 16, 383-392.	1.0	18
3157	MicroRNA Therapeutics: the Next Magic Bullet?. Mini-Reviews in Medicinal Chemistry, 2015, 15, 467-474.	1.1	194
3158	Micro-RNA and the Features of Metabolic Syndrome: A Narrative Review. Mini-Reviews in Medicinal Chemistry, 2020, 20, 626-635.	1.1	10
3159	Pharmacomodulation of microRNA Expression in Neurocognitive Diseases: Obstacles and Future Opportunities. Current Neuropharmacology, 2017, 15, 276-290.	1.4	20
3160	Therapeutic Potential of Modulating microRNAs in Atherosclerotic Vascular Disease. Current Vascular Pharmacology, 2015, 13, 291-304.	0.8	34
3161	Therapeutic Potential of Modulating MicroRNA in Peripheral Artery Disease. Current Vascular Pharmacology, 2015, 13, 316-323.	0.8	30
3162	Angiogenesis-regulating microRNAs and Ischemic Stroke. Current Vascular Pharmacology, 2015, 13, 352-365.	0.8	135
3163	MicroRNAs in Platelet Biogenesis and Function: Implications in Vascular Homeostasis and Inflammation. Current Vascular Pharmacology, 2012, 10, 524-531.	0.8	58
3164	MicroRNA Regulatory Patterns on the Human Metabolic Network. The Open Systems Biology Journal, 2008, 1, 1-8.	0.7	26

#	Article	IF	Citations
3165	Aberrant Expression of MicroRNAs in B-cell Lymphomas. MicroRNA (Shariqah, United Arab Emirates), 2016, 5, 87-105.	0.6	5
3166	MicroRNAs: A Puzzling Tool in Cancer Diagnostics and Therapy. Anticancer Research, 2016, 36, 5571-5576.	0.5	86
3167	MicroRNA-based Targeted Therapeutics in Pancreatic Cancer. Anticancer Research, 2019, 39, 529-532.	0.5	32
3168	MicroRNAs 142-3p, miR-155 and miR-203 Are Deregulated in Gastric MALT Lymphomas Compared to Chronic Gastritis. Cancer Genomics and Proteomics, 2017, 14, 75-82.	1.0	23
3169	Translational applications of microRNA genes in medulloblastomas. Clinical and Investigative Medicine, 2010, 33, 223.	0.3	8
3170	microRNA: Past and present. Frontiers in Bioscience - Landmark, 2007, 12, 2316.	3.0	108
3171	Intercalating the Role of MicroRNAs in Cancer: As Enemy or Protector. Asian Pacific Journal of Cancer Prevention, 2020, 21, 593-598.	0.5	14
3172	Diagnostic and prognostic molecular markers in hepatocellular carcinoma. Disease Markers, 2011, 31, 181-90.	0.6	51
3173	miR-21, Mediator, and Potential Therapeutic Target in the Cardiorenal Syndrome. Frontiers in Pharmacology, 2020, 11, 726.	1.6	31
3174	MicroRNAs in Cancer: A Historical Perspective on the Path from Discovery to Therapy. Cancers, 2015, 7, 1388-1405.	1.7	95
3175	Role of microRNAs in the Regulation of Dendritic Cell Generation and Function. International Journal of Molecular Sciences, 2020, 21, 1319.	1.8	30
3177	The Role of Epigenetic Regulation in Diabetes and Its Complications*. Progress in Biochemistry and Biophysics, 2012, 39, 14-21.	0.3	2
3178	MicroRNA signatures in liver diseases. World Journal of Gastroenterology, 2009, 15, 1665.	1.4	113
3179	New therapeutic opportunities for Hepatitis C based on small RNA. World Journal of Gastroenterology, 2007, 13, 4431.	1.4	28
3180	Genetic and epigenetic variants influencing the development of nonalcoholic fatty liver disease. World Journal of Gastroenterology, 2012, 18, 6546.	1.4	73
3181	Role of non-coding RNAs in pancreatic cancer: the bane of the microworld. World Journal of Gastroenterology, 2014, 20, 9405-17.	1.4	18
3182	MicroRNAs in colorectal cancer: Role in metastasis and clinical perspectives. World Journal of Gastroenterology, 2014, 20, 17011.	1.4	53
3183	MicroRNA-185 regulates expression of lipid metabolism genes and improves insulin sensitivity in mice with non-alcoholic fatty liver disease. World Journal of Gastroenterology, 2014, 20, 17914-17923.	1.4	49

#	Article	IF	Citations
3184	MicroRNA in inflammatory bowel disease: Translational research and clinical implication. World Journal of Gastroenterology, 2015, 21, 12274.	1.4	50
3185	Role of miRNAs and their potential to be useful as diagnostic and prognostic biomarkers in gastric cancer. World Journal of Gastroenterology, 2016, 22, 7951.	1.4	43
3186	Artemisia capillaris formula inhibits hepatic steatosis via an miR-122-induced decrease in fatty acid synthase expression in vivo and in vitro. Molecular Medicine Reports, 2016, 13, 4751-4758.	1.1	8
3187	Microrna a New Gate in Cancer and Human Disease: A Review. Journal of Biological Sciences, 2017, 17, 247-254.	0.1	7
3188	MicroRNAs as potential therapeutics for treating spinal cord injury. Neural Regeneration Research, 2012, 7, 1352-9.	1.6	22
3189	microRNA-based diagnostics and therapy in cardiovascular disease-Summing up the facts. Cardiovascular Diagnosis and Therapy, 2015, 5, 17-36.	0.7	99
3190	microRNAs and cancer metabolism reprogramming: the paradigm of metformin. Annals of Translational Medicine, 2014, 2, 58.	0.7	28
3191	MicroRNA Expression in Selected Carcinomas of the Gastrointestinal Tract. Pathology Research International, 2011, 2011, 1-10.	1.4	14
3192	MicroRNAs involvement in renal pathophysiology: A bird's eye view. Indian Journal of Nephrology, 2017, 27, 337.	0.2	15
3193	MicroRNA Therapeutics for Cardiac Disease. Cardiovascular Pharmacology: Open Access, 2013, 2, .	0.1	2
3194	Clinical applications of molecular profiling in colorectal cancer: Review of the literature. American Journal of Molecular Biology, 2013, 03, 131-138.	0.1	1
3195	Ameliorating liver fibrosis in an animal model using the secretome released from miR-122-transfected adipose-derived stem cells. World Journal of Stem Cells, 2019, 11, 990-1004.	1.3	13
3196	Regulation of hepatic microRNA expression by hepatocyte nuclear factor 4 alpha. World Journal of Hepatology, 2017, 9, 191.	0.8	17
3197	MicroRNA-based Cancer Therapeutics: Big Hope from Small RNAs. Molecular and Cellular Pharmacology, 2010, 2, 213-219.	1.7	70
3198	Diagnostic and prognostic value of circulating microRNAs in heart failure with preserved and reduced ejection fraction. World Journal of Cardiology, 2015, 7, 843.	0.5	24
3199	MicroRNAs: critical mediators of differentiation, development and disease. Swiss Medical Weekly, 0, , .	0.8	46
3200	The parallel universe: microRNAs and their role in chronic hepatitis, liver tissue damage and hepatocarcinogenesis. Swiss Medical Weekly, 2011, 141, w13287.	0.8	29
3201	2-Aminobenzene Derivatives as Unnatural Nucleobases and Their DNA Duplex Stabilities. Bulletin of the Korean Chemical Society, 2010, 31, 3794-3796.	1.0	1

#	Article	IF	Citations
3202	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
3203	Polycystic kidney disease and therapeutic approaches. BMB Reports, 2011, 44, 359-368.	1.1	17
3204	New-onset diabetes mellitus after renal transplantation. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2016, 160, 195-200.	0.2	9
3205	Hepatic microRNAome reveals potential microRNA-mRNA pairs association with lipid metabolism in pigs. Asian-Australasian Journal of Animal Sciences, 2019, 32, 1458-1468.	2.4	6
3206	MicroRNA therapeutics: principles, expectations, and challenges. Chinese Journal of Cancer, 2011, 30, 368-370.	4.9	82
3207	Present Accomplishments and Future Prospects of Cell-Based Therapies for Type 1 Diabetes Mellitus. , 0, , .		3
3208	microRNAs as Therapeutic Targets to Combat Diverse Human Diseases. , 0, , .		1
3209	RNA Interference-Based Therapeutics: Harnessing the Powers of Nature. , 0, , .		2
3210	Application of Genome Editing Technology to MicroRNA Research in Mammalians. , 0, , .		2
3211	Emerging Roles of microRNAs in Ischemic Stroke: As Possible Therapeutic Agents. Journal of Stroke, 2017, 19, 166-187.	1.4	134
3212	Molecular Signatures of Pancreatic Cancer. Archives of Pathology and Laboratory Medicine, 2011, 135, 716-727.	1.2	130
3213	Antagomirbase: A putative antagomir database. Bioinformation, 2011, 7, 41-43.	0.2	8
3214	MicroRNA: from fundamental research to their application. Biopolymers and Cell, 2007, 23, 467-482.	0.1	2
3215	Effects of Multiple-target Anti-microRNA Antisense Oligodeoxyribonucleotides on Proliferation and Migration of Gastric Cancer Cells. Asian Pacific Journal of Cancer Prevention, 2012, 13, 3203-3207.	0.5	24
3216	RNAi and miRNA in Viral Infections and Cancers. Asian Pacific Journal of Cancer Prevention, 2013, 14, 7045-7056.	0.5	29
3217	MicroRNAs shape circadian hepatic gene expression on a transcriptome-wide scale. ELife, 2014, 3, e02510.	2.8	98
3218	Central Dicer-miR-103/107 controls developmental switch of POMC progenitors into NPY neurons and impacts glucose homeostasis. ELife, 2018, 7, .	2.8	28
3219	System wide analyses have underestimated protein abundances and the importance of transcription in mammals. PeerJ, 2014, 2, e270.	0.9	255

#	Article	IF	Citations
3220	Pre-microRNA Gene Polymorphisms and Risk of Cervical Squamous Cell Carcinoma. Journal of Clinical and Diagnostic Research JCDR, 2017, 11, GC01-GC04.	0.8	12
3222	Nucleic Acid Drugsâ€"Current Status, Issues, and Expectations for Exosomes. Cancers, 2021, 13, 5002.	1.7	42
3223	Circular Antisense Oligonucleotides for Specific RNase-H-Mediated microRNA Inhibition with Reduced Off-Target Effects and Nonspecific Immunostimulation. Journal of Medicinal Chemistry, 2021, 64, 16046-16055.	2.9	5
3224	The miRNA Profile of Inflammatory Colorectal Tumors Identify TGF-Î² as a Companion Target for Checkpoint Blockade Immunotherapy. Frontiers in Cell and Developmental Biology, 2021, 9, 754507.	1.8	3
3225	Crosstalk Between Polygonatum kingianum, the miRNA, and Gut Microbiota in the Regulation of Lipid Metabolism. Frontiers in Pharmacology, 2021, 12, 740528.	1.6	7
3226	Role of microRNAs in Obesity-Related Kidney Disease. International Journal of Molecular Sciences, 2021, 22, 11416.	1.8	12
3227	MicroRNAs as Biomarkers for Early Diagnosis, Prognosis, and Therapeutic Targeting of Ovarian Cancer. Journal of Oncology, 2021, 2021, 1-25.	0.6	13
3228	The Role of Circulating MicroRNAs in Patients with Early-Stage Pancreatic Adenocarcinoma. Biomedicines, 2021, 9, 1468.	1.4	11
3229	Exercise promotes angiogenesis by enhancing endothelial cell fatty acid utilization via liver-derived extracellular vesicle miR-122-5p. Journal of Sport and Health Science, 2022, 11, 495-508.	3.3	27
3230	Most Caenorhabditis elegans microRNAs are individually not essential for development or viability. PLoS Genetics, 2005, preprint, e215.	1.5	0
3231	Aberrant Regulation of Messenger RNA 3â€²-Untranslated Region in Human Cancer. Analytical Cellular Pathology, 2007, 29, 1-17.	0.7	61
3232	Molecular Biology of Lung Cancer as the Basis for Targeted Therapy. Translational Medicine Series, 2007, , 1-24.	0.0	0
3233	Relevance of MicroRNA-s in Neoplastic Diseases. Hungarian Medical Journal, 2007, 1, 195-206.	0.0	0
3234	40 MicroRNAs in the human heart: a clue to fetal gene reprogramming in heart failure. European Journal of Heart Failure, Supplement, 2007, 6, 3-3.	0.2	1
3235	Particular Treatment Procedures. , 2008, , 293-326.		0
3236	MicroRNAs and the Control of Heart Pathophysiology. , 2008, , 53-68.		0
3237	MicroRNAs and Discovery of New Targets. , 2008, , 47-56.		0
3238	MicroRNA expression in non-Hodgkin's lymphomas. Archive of Oncology, 2008, 16, 59-68.	0.2	1

#	Article	IF	Citations
3239	MicroRNAs and Their Potential. , 2008, , 17-34.		0
3242	MicroRNAs and liver cancer: recent progress. Academic Journal of Second Military Medical University, 2008, 28, 561-564.	0.0	0
3243	Noncoding RNAs in Cancer. , 2008, , 217-234.		1
3244	Significance of Aberrant Expression of MicroRNAs in Cancer Cells. , 2009, , 1-12.		0
3245	MicroRNAs in the Central Nervous System and Potential Roles of RNA Interference in Brain Tumors. , 2009, , 651-677.		1
3246	Biogenesis and Function Mechanisms of Micro-RNAs and Their Role as Oncogenes and Tumor Suppressors. , 2009, , 183-189.		0
3247	RNA Interference-Based Therapies Against Brain Tumors: Potential Clinical Strategies. , 2009, , 297-325.		0
3248	MicroRNAs and Cancer Connecting the Dots. , 2009, , 351-391.		0
3249	A Suite of Resources for the Study of microRNA Ontology and Function. , 2009, , 45-56.		0
3250	Involvement of MicroRNAs in Human Cancer: Discovery and Expression Profiling. , 2010, , 69-104.		0
3251	Establishment of hsa-mir-122 stably transfected-HepG2 cell line and its lipid metabolism characteristics. Academic Journal of Second Military Medical University, 2010, 29, 825-829.	0.0	0
3252	Application of Micro-RNA in Regenerative Nutraceuticals and Functional Foods. , 2010, , 251-264.		0
3253	MicroRNAs and chronic liver disease: recent progress. Academic Journal of Second Military Medical University, 2010, 30, 896-899.	0.0	0
3254	Mesenchymal Stem Cells for Liver Regeneration. Pancreatic Islet Biology, 2011, , 155-179.	0.1	0
3256	Fatty Liver. Molecular Pathology Library, 2011, , 437-447.	0.1	0
3257	MicroRNAs in Hepatocellular Carcinoma. , 2011, , 163-188.		1
3258	MicroRNAs in Breast Cancer. , 2011, , 91-106.		0
3259	MicroRNAs in Colorectal Cancer. , 2011, , 107-133.		1

#	Article	IF	Citations
3260	RNAi-based Approaches to the Treatment of Brain Tumors. , 2011, , 533-549.		0
3261	MicroRNAs in Prostate Cancer: A Possible Role as Novel Biomarkers and Therapeutic Targets?. , 2011, , 145-162.		0
3262	microRNA: A Potential Therapy Able to Target Multiple Cancer Pathways. , 2011, , 155-170.		0
3263	Regulation of microRNA Functions by Non-coding RNAs. Journal of Bioequivalence & Bioavailability, 2011, 03, .	0.1	0
3264	RNA Interferenceâ€"Interactomics and Therapeutics. , 2011, , 347-356.		1
3265	MicroRNA Interference. , 2011, , 61-83.		0
3266	MicroRNAs in Obesity, Metabolic Syndrome and Diabetes Mellitus. Indonesian Biomedical Journal, 2011, 3, 4.	0.2	1
3267	Review of MicroRNA Deregulation in Oral Cancer. Part I. Journal of Oral & Maxillofacial Research, 2011, 2, e1.	0.3	10
3270	Pancreatic Cancer Genetics. , 2012, , 51-79.		0
3271	Inhibitory effect of microRNA-29c on proliferation and invasion of human prostate cancer cell line LNCaP. Academic Journal of Second Military Medical University, 2011, 31, 607-611.	0.0	0
3272	Nucleic Acid-Based Strategies for the Treatment of Coxsackievirus-Induced Myocarditis. , 0, , .		0
3273	Renaissance of the Regulatory RNAs. , 2012, , 3-22.		0
3274	Epigenetic Biomarkers in Melanoma. , 2012, , 89-112.		0
3276	Dysregulation of MicroRNA Expression and Human Diseases?. , 2012, , 553-571.		0
3277	MicroRNAs (miRNAs) In Virology: A Promising Transnational Research Approach. Translational Medicine (Sunnyvale, Calif), 2012, 02, .	0.4	0
3278	microRNAs in Human Diseases and Viral Infections. , 2012, , 525-551.		0
3279	Targeting Non-coding RNAs for Cancer Therapy. , 2012, , 589-609.		0
3280	Epigenetic Control of Tumor Suppressor Genes in Lung Cancer. , 0, , .		0

#	Article	IF	Citations
3281	MicroRNA Dysregulation in Squamous Cell Carcinoma of Head and Neck. , 0, , .		0
3282	Revising Skin Cancers by Means of Epigenetic Markers. Recent Patents on Biomarkers, 2012, 2, 93-98.	0.3	0
3283	Chemical Tools for Spatiotemporal Regulation of microRNAs. , 2013, 2, .		0
3284	MicroRNA as Cancer Biomarkers and Targets. , 2013, , 39-56.		0
3285	MicroRNA Expression in Breast Cancer Revealed by Deep Sequencing Technology. , 2013, , 233-261.		0
3286	Identification of Cancer MicroRNA Biomarkers Based on miRNAâ€“mRNA Network. Translational Bioinformatics, 2013, , 153-167.	0.0	1
3287	Regulation | Roles of Micro-RNAs in Metabolism. , 2013, , 670-673.		0
3288	Metastasis Initiation. , 2013, , 445-469.		0
3289	Epigenetic Therapy in Malignant and Chronic Diseases. Journal of Pharmacogenomics & Pharmacoproteomics, 2013, 04, .	0.2	1
3290	MicroRNAs and Tissue Response to Acute Ischemia. Contributions To Statistics, 2013, , 97-112.	0.2	0
3291	Nanoparticles to Deliver Antisense Oligonucleotides Aimed at Exon Skipping Therapies. , 2013, , 43-66.		0
3292	Target Identification, microRNA. , 2013, , 2138-2142.		1
3293	Application of RNA Aptamers in Nanotechnology and Therapeutics. , 2013, , 485-504.		0
3294	Aptamers Targeting a Subunit or a Conformation of Glutamate Ion Channel Receptors. , 2013, , 505-530.		0
3295	MicroRNAs in Cardiometabolic Diseases. Indonesian Biomedical Journal, 2013, 5, 67.	0.2	0
3297	Translational Implications for Noncoding RNA in Cancer. , 2014, , 265-282.		0
3298	MicroRNAs in Solid Tumors. , 2014, , 45-65.		0
3299	The Potential Role of MicroRNA-Based Therapy for Lung Cancer Stem Cells. , 2014, , 83-98.		0

#	Article	IF	Citations
3300	Aptamers as Molecular Smugglers. , 2014, , 271-292.		0
3301	Targeting Immune System Through Targeting miRNA for Cancer Therapy. , 2014, , 265-287.		0
3302	Novel Therapeutic Strategies to Combat HCC. , 2014, , 51-63.		0
3303	RNAi-Based Nano-Oncologicals: Delivery and Clinical Applications. Advances in Delivery Science and Technology, 2014, , 245-268.	0.4	2
3304	Introduction: Role of miRNAs and Their Target Genes in Breast Cancer Metastasis. , 2014, , 1-6.		0
3305	MicroRNAs in Obesity and Metabolism. , 2014, , 129-152.		0
3306	Nanocarriers and MicroRNA-Based Scenarios for Cancer Therapy. , 2014, , 387-411.		0
3307	MicroRNAs in the Development and Progression of Prostate Cancer. , 2014, , 265-286.		0
3308	MicroRNAs in Development and Progression of Breast Cancer. , 2014, , 117-137.		0
3309	Application of MicroRNA in the Treatment and Diagnosis of Cervical Cancer. , 2014, , 129-137.		0
3310	Challenges and Strategies for Pulmonary Delivery of MicroRNA-Based Therapeutics. , 2014, , 413-428.		0
3313	Messenger RNA Metal Sensing: Iron-Responsive Element (IRE)-mRNA is a Metal-Sensitive Riboregulator. , 2014, , 375-400.		0
3314	Rol biolÃ³gico y aplicaciones de los miRNAs en cÃ¡ncer de seno. Revista Colombiana De BiotecnologÃa, 2014, 16, 188.	0.5	0
3315	Molecular Mechanisms and Biomarker Perspective of MicroRNAs in Traumatic Brain Injury. , 2014, , 76-115.		0
3316	Role of MicroRNAs in Development of Immune Cells and Nervous System and their Relation to Multiple Sclerosis. The Neuroscience Journal of Shefaye Khatam, 2015, 3, 131-144.	0.4	1
3317	MicroRNA Sponge Production Using PCR-Based Concatemerization of Short DNA Oligonucleotides. MOJ Cell Science & Report, 2015, 2, .	0.1	0
3318	Micro RNAs and Tooth Development; Model for Organogenesis?. Journal of Dentistry and Oral Care, 2015, 1, 1-3.	0.1	0
3320	Post-transcriptional Regulation of Luteinizing Hormone Receptor mRNA Expression in the Ovary. , 2016, , 71-89.		0

#	Article	IF	Citations
3322	Human MicroRNA-602 Inhibits Hepatitis C Virus Genotype 1b Infection and Promotes Tumor Suppressor Gene Expression in a Hepatoma Cell Line. Journal of Virology & Antiviral Research, 2016, 5, .	0.1	0
3323	Methodological Challenges in Functional Investigation and Therapeutic Use of microRNAs. , 2017, , 61-79.		0
3324	The Future for Genomic Medicine in Inflammatory Diseases. , 2017, , 53-72.		0
3325	Detecting of Functional Short Non-Coding RNAs using Bioinformatics Methods in Sheep and Goat. Research on Animal Production, 2017, 8, 161-170.	0.2	1
3326	Role of microRNA in the development of arterial hypertension. Hypertension, 2017, .	0.2	0
3327	Addition of coconut oil to the diet based on maize dried distilled grains with solubles (DDGS) alters miR-122a expression in the pig liver. Journal of Animal and Feed Sciences, 2017, 26, 326-332.	0.4	0
3329	Generation of microRNA Sponge Library. Bio-protocol, 2018, 8, e2820.	0.2	1
3335	Approaches to Studying the microRNAome in Skeletal Muscle. , 2019, , 109-133.		0
3336	Use of delivery technologies to manipulate miRNA expression. , 2019, , 99-108.		0
3338	MicroRNAs as Biomarkers and Therapeutic Targets in Heart Failure. Acta Marisiensis - Seria Medica, 2019, 65, 77-79.	0.3	0
3341	microRNA Modulation. , 2020, , 511-576.		0
3342	Comprehensive analysis of the differential expression profile of microRNAs in rats with spinal cord injury treated by electroacupuncture. Molecular Medicine Reports, 2020, 22, 751-762.	1.1	7
3344	Role of MicroRNAs in Diagnosis, Prognosis, and Treatment of Acute Heart Failure: Ambassadors from Intracellular Zone. Galen, 2020, 9, 1818.	0.6	2
3347	Host miRNA and immune cell interactions: relevance in nano-therapeutics for human health. Immunologic Research, 2021, , 1.	1.3	5
3348	Emerging role of microRNAs as novel targets of antidepressants. Asian Journal of Psychiatry, 2021, 66, 102906.	0.9	1
3350	miRNA and miRNA target genes in intervention effect of Zhuyu pill on cholestatic rat model. Journal of Ethnopharmacology, 2022, 283, 114709.	2.0	7
3351	Hitching a Ride: Enhancing Nucleic Acid Delivery into Target Cells Through Nanoparticles. Environmental Chemistry for A Sustainable World, 2020, , 373-457.	0.3	2
3352	Epigenetics and MicroRNAs in Cancer. , 2020, , 479-489.		0

#	Article	IF	Citations
3353	MicroRNA and liver cancer. , 2020, 3, 385-400.		5
3354	Non-coding RNAs and Pain: From Bench to Bedside. , 2020, , 410-443.		0
3357	Feedback inhibition of bovine herpesvirus 5 replication by dual-copy bhv5-miR-B10-3p. Journal of General Virology, 2020, 101, 290-298.	1.3	1
3358	Changes in microRNA expression associated with metastasis and survival in patients with uveal melanoma. Oncotarget, 2020, 11, 1435-1447.	0.8	7
3359	microRNA-20-1 and microRNA-101a Suppress the NF-Î²B-Mediated Inflammation Production by Targeting TRAF6 in Miiuy Croaker. Infection and Immunity, 2022, 90, IAI0058521.	1.0	6
3360	Upregulated miR-9-5p inhibits osteogenic differentiation of bone marrow mesenchymal stem cells under high glucose treatment. Journal of Bone and Mineral Metabolism, 2022, 40, 208-219.	1.3	7
3361	The Role of miR-23b in Cancer and Autoimmune Disease. Journal of Oncology, 2021, 2021, 1-9.	0.6	15
3362	miRâ€'135bâ€'5p enhances the sensitivity of HERâ€'2 positive breast cancer to trastuzumab via binding to cyclinï¿½D2. International Journal of Molecular Medicine, 2020, 46, 1514-1524.	1.8	5
3363	Apoptosis in Carcinogenesis and Chemoherapy of the Uterine Cervix. , 2009, , 51-73.		1
3364	Molecular Targets in Gastric Cancer and Apoptosis. , 2009, , 157-192.		2
3365	Nanoparticles to Deliver Antisense Oligonucleotides Aimed at Exon Skipping Therapies. , 2013, , 43-66.		0
3367	Targeted deletion of miR-182, an abundant retinal microRNA. Molecular Vision, 2009, 15, 523-33.	1.1	78
3368	MicroRNA and ovarian cancer. Histology and Histopathology, 2008, 23, 1161-9.	0.5	39
3369	A review of antisense therapeutic interventions for molecular biological targets in asthma. Biologics: Targets and Therapy, 2007, 1, 271-83.	3.0	17
3370	miRNAs and cancer. Journal of Rnai and Gene Silencing, 2006, 2, 173-4.	1.2	3
3371	MicroRNAs: critical mediators of differentiation, development and disease. Swiss Medical Weekly, 2009, 139, 466-72.	0.8	115
3372	Expression profiles of miRNA-122 and its target CAT1 in minipigs (Sus scrofa) fed a high-cholesterol diet. Comparative Medicine, 2010, 60, 136-41.	0.4	29
3377	MicroRNA signatures of stem cells. Experimental and Clinical Cardiology, 2011, 16, e13-6.	1.3	1

#	Article	IF	Citations
3378	MicroRNAs: Novel Regulators of the Heart. Journal of Thoracic Disease, 2010, 2, 43-7.	0.6	10
3379	MicroRNAs in cancer treatment and prognosis. American Journal of Cancer Research, 2012, 2, 414-33.	1.4	44
3380	MicroRNAs in ischemia-reperfusion injury. American Journal of Cardiovascular Disease, 2012, 2, 237-47.	0.5	55
3382	MicroRNA expression profiles in differentiated thyroid cancer, a review. International Journal of Clinical and Experimental Medicine, 2013, 6, 74-80.	1.3	29
3383	MicroRNA in carcinogenesis & cancer diagnostics: a new paradigm. Indian Journal of Medical Research, 2013, 137, 680-94.	0.4	18
3384	Posttranscriptional Gene Regulation: Novel Pathways for Glucocorticoids' Anti-inflammatory Action. Translational Medicine @ UniSa, 2012, 3, 67-73.	0.8	8
3385	Therapeutic Potential of Modulating microRNAs in Atherosclerotic Vascular Disease. Current Vascular Pharmacology, 2013, , .	0.8	2
3388	Non-coding RNAs as therapeutic targets in hepatocellular cancer. Current Cancer Drug Targets, 2012, 12, 1073-80.	0.8	26
3392	EGFR-TKI resistance in NSCLC patients: mechanisms and strategies. American Journal of Cancer Research, 2014, 4, 411-35.	1.4	102
3393	miR-21 and miR-375 microRNAs as candidate diagnostic biomarkers in squamous cell carcinoma of the larynx: association with patient survival. American Journal of Translational Research (discontinued), 2014, 6, 604-13.	0.0	49
3394	mir-155 regulates cardiac allograft rejection by targing 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
3398	miR-1231 exacerbates arrhythmia by targeting calciumchannel gene in myocardial infarction. American Journal of Translational Research (discontinued), 2017, 9, 1822-1833.	0.0	7
3400	Circulating microRNA profiles in different arterial territories of stable atherosclerotic disease: a systematic review. American Journal of Cardiovascular Disease, 2018, 8, 1-13.	0.5	31
3403	Micrornas and Cardiovascular Diseases: From Bench to Bedside. Translational Medicine @ UniSa, 2017, 17, 12-18.	0.8	1
3404	MiR-21 promotes pterygium cell proliferation through the PTEN/AKT pathway. Molecular Vision, 2018, 24, 485-494.	1.1	12
3407	The miR-183/96/182 Cluster Regulates the Functions of Corneal Resident Macrophages. ImmunoHorizons, 2020, 4, 729-744.	0.8	2
3408	MicroRNAs and their delivery in diabetic fibrosis. Advanced Drug Delivery Reviews, 2022, 182, 114045.	6.6	17
3409	MicroRNA-Related Strategies to Improve Cardiac Function in Heart Failure. Frontiers in Cardiovascular Medicine, 2021, 8, 773083.	1.1	13

#	Article	IF	Citations
3410	SARS-CoV-2, Cardiovascular Diseases, and Noncoding RNAs: A Connected Triad. International Journal of Molecular Sciences, 2021, 22, 12243.	1.8	8
3411	Variant expression signatures of microRNAs and protein related to growth in a crossbreed between two strains of Nile tilapia (Oreochromis niloticus). Genomics, 2021, 113, 4303-4312.	1.3	2
3412	Posttranscriptional regulation of Nrf2 through miRNAs and their role in Alzheimer's disease. Pharmacological Research, 2022, 175, 106018.	3.1	14
3413	Development of Lipid Nanoparticles for the Delivery of Macromolecules Based on the Molecular Design of pH-Sensitive Cationic Lipids. Chemical and Pharmaceutical Bulletin, 2021, 69, 1141-1159.	0.6	14
3414	RNAi for Western Corn Rootworm Management: Lessons Learned, Challenges, and Future Directions. Insects, 2022, 13, 57.	1.0	23
3415	Biogenesis and mechanisms of microRNAâ€mediated gene regulation. Biotechnology and Bioengineering, 2022, 119, 685-692.	1.7	49
3416	Impact of circ-0000221 in the Pathogenesis of Hepatocellular via Modulation of miR-661â€“PTPN11 mRNA Axis. Pharmaceutics, 2022, 14, 138.	2.0	1
3417	Delivery of miRNAs to the adipose organ for metabolic health. Advanced Drug Delivery Reviews, 2022, 181, 114110.	6.6	7
3418	The miR-183/96/182 Cluster Regulates the Functions of Corneal Resident Macrophages. ImmunoHorizons, 2020, 4, 729-744.	0.8	7
3419	Applications of noncoding RNAs in brain cancer patients. , 2022, , 17-64.		0
3420	Circulating Levels of microRNA-122 and Hepatic Fat Change in Response to Weight-Loss Interventions: CENTRAL Trial. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1899-e1906.	1.8	5
3421	Structureâ€“Activity Relationships of Anti-microRNA Oligonucleotides Containing Cationic Guanidine-Modified Nucleic Acids. Journal of Medicinal Chemistry, 2022, 65, 2139-2148.	2.9	5
3422	YB-1 Recruits Drosha to Promote Splicing of pri-miR-192 to Mediate the Proangiogenic Effects of H₂S. Antioxidants and Redox Signaling, 2022, 36, 760-783.	2.5	12
3423	Understanding the function and regulation of Sox2 for its therapeutic potential in breast cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 1877, 188692.	3.3	8
3424	Manipulation of the miR-378a/mt-ATP6 regulatory axis rescues ATP synthase in the diabetic heart and offers a novel role for lncRNA Kcnq1ot1. American Journal of Physiology - Cell Physiology, 2022, 322, C482-C495.	2.1	10
3425	Delivery strategies of RNA therapeutics to leukocytes. Journal of Controlled Release, 2022, 342, 362-371.	4.8	9
3426	Molecular Mechanisms and Potential New Therapeutic Drugs for Liver Fibrosis. Frontiers in Pharmacology, 2022, 13, 787748.	1.6	26
3427	Downregulation of miR-23a-3p improves cognitive function in rats after subarachnoid hemorrhage by targeting VCAN. Medical Molecular Morphology, 2022, , .	0.4	0

#	Article	IF	Citations
3428	New Tricks with Old Dogs: Computational Identification and Experimental Validation of New miRNAâ€“mRNA Regulation in hiPSC-CMs. Biomedicines, 2022, 10, 391.	1.4	3
3429	Novel approaches in cancer treatment: preclinical and clinical development of small non-coding RNA therapeutics. Journal of Experimental and Clinical Cancer Research, 2021, 40, 383.	3.5	22
3432	Pathophysiology roles and translational opportunities of miRNAs in hepatocellular carcinoma. , 2022, , 301-315.		0
3434	Nanoparticle and microparticle delivery in RNA-based cardiovascular disease treatment. , 2022, , .		0
3435	Overview on miRNA classification, biogenesis, and functions. , 2022, , 3-20.		2
3436	Preclinical Safety Assessment of Therapeutic Oligonucleotides. Methods in Molecular Biology, 2022, 2434, 355-370.	0.4	6
3437	Noncoding RNAs as novel immunotherapeutic tools against cancer. Advances in Protein Chemistry and Structural Biology, 2022, 129, 135-161.	1.0	3
3438	MicroRNA-24-3p promotes skeletal muscle differentiation and regeneration by regulating HMGA1. Cellular and Molecular Life Sciences, 2022, 79, 170.	2.4	6
3439	Implication of microRNA as a potential biomarker of myocarditis. Clinical and Experimental Pediatrics, 2022, 65, 230-238.	0.9	7
3440	Hepatitis C Virus Infection Cycle-Specific MicroRNA Profiling Reveals Stage-Specific miR-4423-3p Targets RIG-I to Facilitate Infection. Frontiers in Cellular and Infection Microbiology, 2022, 12, 851917.	1.8	2
3441	MicroRNAs in Pulmonary Hypertension, from Pathogenesis to Diagnosis and Treatment. Biomolecules, 2022, 12, 496.	1.8	8
3442	Intelligent Gold Nanoparticles with Oncogenic MicroRNAâ€Ðependent Activities to Manipulate Tumorigenic Environments for Synergistic Tumor Therapy. Advanced Materials, 2022, 34, e2110219.	11.1	25
3443	Therapeutic targeting miR130b counteracts diffuse large B-cell lymphoma progression via OX40/OX40L-mediated interaction with Th17 cells. Signal Transduction and Targeted Therapy, 2022, 7, 80.	7.1	8
3444	Thermodynamic characterization of naturally occurring RNA pentaloops. Rna, 2022, 28, 832-841.	1.6	2
3445	Breast Cancer Subtype-Specific miRNAs: Networks, Impacts, and the Potential for Intervention. Biomedicines, 2022, 10, 651.	1.4	12
3446	A novel microRNA regulates cooperation between symbiont and a laterally acquired gene in the regulation of pantothenate biosynthesis within Bemisia tabaci whiteflies. Molecular Ecology, 2022, 31, 2611-2624.	2.0	9
3447	MicroRNA as a Potential Therapeutic Molecule in Cancer. Cells, 2022, 11, 1008.	1.8	44
3448	RNA Therapeutics: the Next Generation of Drugs for Cardiovascular Diseases. Current Atherosclerosis Reports, 2022, 24, 307-321.	2.0	12

#	Article	IF	Citations
3449	Recent trends in miRNA therapeutics and the application of plant miRNA for prevention and treatment of human diseases. Future Journal of Pharmaceutical Sciences, 2022, 8, 24.	1.1	25
3450	PDL1-binding peptide/anti-miRNA21 conjugate as a therapeutic modality for PD-L1high tumors and TAMs. Journal of Controlled Release, 2022, 345, 62-74.	4.8	6
3451	Recent Advances in the Genetic of MALT Lymphomas. Cancers, 2022, 14, 176.	1.7	15
3452	Prophylactic Knockdown of the miR-183/96/182 Cluster AmelioratesPseudomonas aeruginosaâ€“Induced Keratitis. , 2021, 62, 14.		2
3453	miRNA- and lncRNA-Based Therapeutics for Non-Hodgkinâ€™s Lymphoma: Moving towards an RNA-Guided Precision Medicine. Cancers, 2021, 13, 6324.	1.7	3
3454	MicroRNA miR-4709-3p targets Large Tumor Suppressor Kinase 2 (LATS2) and induces obstructive renal fibrosis through Hippo signaling. Bioengineered, 2021, 12, 12357-12371.	1.4	2
3455	Physiologically relevant miRNAs in mammalian oocytes are rare and highly abundant. EMBO Reports, 2022, 23, e53514.	2.0	4
3456	Deciphering the Role of MicroRNAs in Neuroblastoma. Molecules, 2022, 27, 99.	1.7	4
3457	Reexamining assumptions about miRNA-guided gene silencing. Nucleic Acids Research, 2022, 50, 617-634.	6.5	57
3458	miR-199-5p regulates spermiogenesis at the posttranscriptional level via targeting Tekt1 in allotriploid crucian carp. Journal of Animal Science and Biotechnology, 2022, 13, 44.	2.1	6
3459	Targeting non-coding RNAs to overcome cancer therapy resistance. Signal Transduction and Targeted Therapy, 2022, 7, 121.	7.1	114
3460	Inducible MicroRNA-132 Inhibits the Production of Inflammatory Cytokines by Targeting TRAF6, TAK1, and TAB1 in Teleost Fish. Infection and Immunity, 2022, 90, e0012022.	1.0	5
3461	MicroRNAs as Regulators of Phagocytosis. Cells, 2022, 11, 1380.	1.8	2
3462	Exosomal and Non-Exosomal MicroRNAs: New Kids on the Block for Cancer Therapy. International Journal of Molecular Sciences, 2022, 23, 4493.	1.8	9
3463	Role of non-coding RNAs on liver metabolism and NAFLD pathogenesis. Human Molecular Genetics, 2022, 31, R4-R21.	1.4	6
3480	The role and mechanism of noncoding <scp>RNAs</scp> in regulation of metabolic reprogramming in hepatocellular carcinoma. International Journal of Cancer, 2022, 151, 337-347.	2.3	10
3481	Spatio-temporal expression patterns of microRNAs in remodelling and repair of the infarcted heart. Histology and Histopathology, 2015, 30, 141-9.	0.5	3
3486	Recent perspectives on therapeutic significance of microRNAs in hepatocellular carcinoma. , 2022, , 377-400.		0

#	Article	IF	Citations
3487	Cholesterol Metabolism in Chronic Kidney Disease: Physiology, Pathologic Mechanisms, and Treatment. Advances in Experimental Medicine and Biology, 2022, 1372, 119-143.	0.8	5
3488	Senescence-Associated miRNAs and Their Role in Pancreatic Cancer. Pathology and Oncology Research, 2022, 28, 1610156.	0.9	4
3489	A Novel miRNA From Egg-Derived Exosomes of Schistosoma japonicum Promotes Liver Fibrosis in Murine Schistosomiasis. Frontiers in Immunology, 2022, 13, 860807.	2.2	8
3490	Inflammatory MicroRNAs and the Pathophysiology of Endometriosis and Atherosclerosis: Common Pathways and Future Directions Towards Elucidating the Relationship. Reproductive Sciences, 2022, 29, 2089-2104.	1.1	2
3491	Predictive Biomarkers for a Personalized Approach in Resectable Pancreatic Cancer. Frontiers in Surgery, 2022, 9, .	0.6	3
3492	Reflections on Alnylam. Nature Biotechnology, 2022, 40, 641-650.	9.4	5
3493	Examining micro-ribonucleic acids as diagnostic and therapeutic prospects in autoimmune hepatitis. Expert Review of Clinical Immunology, 2022, 18, 591-607.	1.3	3
3494	<scp>MicroRNAs miR</scp>â€14 and <scp>miR</scp>â€2766 regulate tyrosine hydroxylase to control larvalâ€“pupal metamorphosis in Helicoverpa armigera. Pest Management Science, 2022, 78, 3540-3550.	1.7	7
3495	Evaluation of miRNAs regulation of BDNF and IGF1 genes in T2DM insulin resistance in experimental models: bioinformatics based approach. Brazilian Journal of Biology, 2022, 84, e256691.	0.4	1
3496	The Pathogenesis and Treatment Progress of NAFLD Targeted by SREBP-1 Related Path-way. Advances in Clinical Medicine, 2022, 12, 4210-4220.	0.0	0
3497	Non-Coding RNAs in the Therapeutic Landscape of Pathological Cardiac Hypertrophy. Cells, 2022, 11, 1805.	1.8	3
3498	MicroRNAs as therapeutic targets in cardiovascular disease. Journal of Clinical Investigation, 2022, 132, .	3.9	50
3502	Therapeutic Targeting of Overexpressed MiRNAs in Cancer Progression. Current Drug Targets, 2022, 23, 1212-1218.	1.0	2
3503	The Role of Extracellular Vesicles in Melanoma Progression. Cancers, 2022, 14, 3086.	1.7	15
3504	Non-Coding RNAs: New Dawn for Diabetes Mellitus Induced Erectile Dysfunction. Frontiers in Molecular Biosciences, 0, 9, .	1.6	4
3505	The Structure Basis of Phytochemicals as Metabolic Signals for Combating Obesity. Frontiers in Nutrition, 0, 9, .	1.6	5
3506	RNA therapies for cardiovascular disease. , 2022, , 413-425.		0
3507	MicroRNA-Based Diagnosis and Therapy. International Journal of Molecular Sciences, 2022, 23, 7167.	1.8	131

#	Article	IF	Citations
3508	Generation of <scp>MiRNA</scp> sponge constructs targeting multiple <scp>MiRNAs</scp>. Journal of Clinical Laboratory Analysis, 2022, 36, .	0.9	9
3509	Epigenetic Aspects and Prospects in Autoimmune Hepatitis. Frontiers in Immunology, 0, 13, .	2.2	6
3510	Molecular Targets and Signaling Pathways of microRNA-122 in Hepatocellular Carcinoma. Pharmaceutics, 2022, 14, 1380.	2.0	14
3511	A Novel MicroRNA and the Target Gene TAB2 Can Regulate the Process of Sucking Blood in and the Spawn Rate of Hyalomma asiaticum (Acari: Ixodidae) Ticks. Frontiers in Immunology, 0, 13, .	2.2	2
3512	Antisense Oligonucleotides and Small Interfering RNA for the Treatment of Dyslipidemias. Journal of Clinical Medicine, 2022, 11, 3884.	1.0	22
3513	GARP as a Therapeutic Target for the Modulation of Regulatory T Cells in Cancer and Autoimmunity. Frontiers in Immunology, 0, 13, .	2.2	11
3514	Deletion of microRNA-183-96-182 Cluster in Lymphocytes Suppresses Anti-DsDNA Autoantibody Production and IgG Deposition in the Kidneys in C57BL/6-Faslpr/lpr Mice. Frontiers in Genetics, 0, 13, .	1.1	3
3515	Next RNA Therapeutics: The Mine of Non-Coding. International Journal of Molecular Sciences, 2022, 23, 7471.	1.8	34
3516	AAV-mediated delivery of osteoblast/osteoclast-regulating miRNAs for osteoporosis therapy. Molecular Therapy - Nucleic Acids, 2022, 29, 296-311.	2.3	9
3517	Antagonism of miR-148a attenuates atherosclerosis progression in APOBApobecLdlr+/- mice: A brief report. Biomedicine and Pharmacotherapy, 2022, 153, 113419.	2.5	3
3519	Downregulation of miR-761 ameliorates radiation-induced pulmonary fibrosis by regulating PGC-1Î±. Experimental Lung Research, 2022, 48, 158-167.	0.5	1
3520	miRNAs in Liver Cancer. , 0, , .		0
3521	Lipid Lowering Therapy: An Era Beyond Statins. Current Problems in Cardiology, 2022, 47, 101342.	1.1	24
3522	MicroRNAs in non-alcoholic fatty liver disease: Progress and perspectives. Molecular Metabolism, 2022, 65, 101581.	3.0	31
3523	The Role of Non-Coding RNAs in Glioma. Biomedicines, 2022, 10, 2031.	1.4	11
3524	miRacle of microRNA-Driven Cancer Nanotherapeutics. Cancers, 2022, 14, 3818.	1.7	17
3525	A Chemical Approach to Introduce 2,6-Diaminopurine and 2-Aminoadenine Conjugates into Oligonucleotides without Need for Protecting Groups. Organic Letters, 2022, 24, 6111-6116.	2.4	6
3526	MicroRNAs and Long Non-coding RNAs as Novel Targets in Anti-cancer Drug Development. Current Pharmaceutical Biotechnology, 2023, 24, 913-925.	0.9	5

#	Article	IF	Citations
3527	Using bioinformatics approaches to identify survival-related oncomiRs as potential targets of miRNA-based treatments for lung adenocarcinoma. Computational and Structural Biotechnology Journal, 2022, 20, 4626-4635.	1.9	0
3528	Harnessing nucleic acid technologies for human health on earth and in space. Life Sciences in Space Research, 2022, 35, 113-126.	1.2	2
3529	Therapeutic aspect of microRNA inhibition in various types of hypertension and hypertensive complications. Gene Reports, 2022, 29, 101676.	0.4	1
3530	Function of microRNAs in the cytoplasm. , 2022, , 91-107.		0
3531	Post-transcriptional gene regulation in metabolic syndrome. , 2022, , 255-268.		0
3532	MicroRNA interference. , 2022, , 33-52.		0
3533	Plasma MicroRNA (miRNA)s as Novel Markers of Nonalcoholic Fatty Liver Disease. Biomarkers in Disease, 2022, , 1-18.	0.0	0
3534	MiRNAs in liver fibrosis: new targets and opportunities for therapy. , 2022, , 363-372.		0
3535	Clinical applications of microRNAs. , 2022, , 601-612.		0
3536	M2 Macrophage-Derived Exosomes Improved Septic Myocardial Injury by Targeting Let-7c/HMGA2. SSRN Electronic Journal, 0, , .	0.4	0
3537	Locked Nucleic Acid AntimiR Therapy for the Heart. Methods in Molecular Biology, 2022, , 159-169.	0.4	1
3538	Insights into the Oxidative Stress and microRNA-Based Therapeutics in Colorectal Cancer. , 2022, , 1699-1717.		0
3539	MicroRNAs as Regulators of Cancer Cell Energy Metabolism. Journal of Personalized Medicine, 2022, 12, 1329.	1.1	5
3540	RNA therapeutics: updates and future potential. Science China Life Sciences, 2023, 66, 12-30.	2.3	31
3541	Osteoporosis pathogenesis and treatment: existing and emerging avenues. Cellular and Molecular Biology Letters, 2022, 27, .	2.7	46
3542	Optical Control of MicroRNA Function in Zebrafish Embryos. Journal of the American Chemical Society, 2022, 144, 16819-16826.	6.6	13
3543	Noncoding RNAs as additional mediators of epigenetic regulation in nonalcoholic fatty liver disease. World Journal of Gastroenterology, 2022, 28, 5111-5128.	1.4	3
3545	Targeting non-coding RNA family members with artificial endonuclease XNAzymes. Communications Biology, 2022, 5, .	2.0	5

#	Article	IF	Citations
3546	Small non-coding RNA therapeutics for cardiovascular disease. European Heart Journal, 2022, 43, 4548-4561.	1.0	24
3548	Neuroinflammation: Molecular Mechanisms And Therapeutic Perspectives. Central Nervous System Agents in Medicinal Chemistry, 2022, 22, 160-174.	0.5	5
3550	Extracellular vesicle expansion of PMISâ€miRâ€210 expression inhibits colorectal tumour growth via apoptosis and an XIST/NME1 regulatory mechanism. Clinical and Translational Medicine, 2022, 12, .	1.7	6
3551	Functional Intercellular Transmission of miHTT via Extracellular Vesicles: An In Vitro Proof-of-Mechanism Study. Cells, 2022, 11, 2748.	1.8	4
3552	Sensing miRNAs for Disease Diagnostics. Analysis & Sensing, 2023, 3, .	1.1	2
3553	Upregulation of miR-335-5p Contributes to Right Ventricular Remodeling via Calumenin in Pulmonary Arterial Hypertension. BioMed Research International, 2022, 2022, 1-16.	0.9	3
3556	Plasma MicroRNA (miRNA)s as Novel Markers of Nonalcoholic Fatty Liver Disease. Biomarkers in Disease, 2022, , 517-534.	0.0	0
3558	Missing Causality and Heritability of Autoimmune Hepatitis. Digestive Diseases and Sciences, 2023, 68, 1585-1604.	1.1	3
3559	The Accelerated Progression of Atherosclerosis Correlates with Decreased miR-33a and miR-21 and Increased miR-122 and miR-3064-5p in Circulation and the Liver of ApoE-/- Mice with Streptozocin (STZ)-Induced Type 2 Diabetes. Current Issues in Molecular Biology, 2022, 44, 4822-4837.	1.0	3
3560	Thyclotides, tetrahydrofuran-modified peptide nucleic acids that efficiently penetrate cells and inhibit microRNA-21. Nucleic Acids Research, 2022, 50, 10839-10856.	6.5	4
3561	Cell cycle associated miRNAs as target and therapeutics in lung cancer treatment. Heliyon, 2022, 8, e11081.	1.4	8
3562	The role of microRNAs in erectile dysfunction: From pathogenesis to therapeutic potential. Frontiers in Endocrinology, 0, 13, .	1.5	3
3563	MicroRNA-146: Biomarker and Mediator of Cardiovascular Disease. Disease Markers, 2022, 2022, 1-13.	0.6	1
3564	MicroRNAs: Small molecules with big impacts in liver injury. Journal of Cellular Physiology, 2023, 238, 32-69.	2.0	8
3565	Fatty hepatocyte-derived exosomal miR-122 promotes lipid synthesis and reduces immunocompetence in grass carp (Ctenopharyngodon idella). Aquaculture, 2023, 563, 738921.	1.7	0
3566	Epigenetics and mitochondrial dysfunction insights into the impact of the progression of nonâ€alcoholic fatty liver disease. Cell Biochemistry and Function, 2023, 41, 4-19.	1.4	6
3567	Potential application of let-7a antagomir in injured peripheral nerve regeneration. Neural Regeneration Research, 2023, 18, 1584.	1.6	3
3568	The role of miRNAs in viral myocarditis, and its possible implication in induction of mRNA-based COVID-19 vaccines-induced myocarditis. Bulletin of the National Research Centre, 2022, 46, .	0.7	0

#	Article	IF	Citations
3574	RNA biomarker discovery and validation. , 2023, , 723-742.		0
3575	MicroRNAs and Drug Resistance in Non-Small Cell Lung Cancer: Where Are We Now and Where Are We Going. Cancers, 2022, 14, 5731.	1.7	1
3576	Treatment with EV-miRNAs Alleviates Obesity-Associated Metabolic Dysfunction in Mice. International Journal of Molecular Sciences, 2022, 23, 14920.	1.8	5
3577	Advances in Lipidâ€Based Codelivery Systems for Cancer and Inflammatory Diseases. Advanced Healthcare Materials, 2023, 12, .	3.9	5
3578	The Role of microRNAs in Inflammation. International Journal of Molecular Sciences, 2022, 23, 15479.	1.8	23
3579	Cardiac Metabolism and MiRNA Interference. International Journal of Molecular Sciences, 2023, 24, 50.	1.8	3
3580	Hepato-Protective Effects of Delta-Tocotrienol and Alpha-Tocopherol in Patients with Non-Alcoholic Fatty Liver Disease: Regulation of Circulating MicroRNA Expression. International Journal of Molecular Sciences, 2023, 24, 79.	1.8	4
3581	AUF-1 knockdown in mice undermines gut microbial butyrate-driven hypocholesterolemia through AUF-1â€“Dicer-1â€“mir-122 hierarchy. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	1
3582	Exploring the Regulatory Role of ncRNA in NAFLD: A Particular Focus on PPARs. Cells, 2022, 11, 3959.	1.8	3
3583	Small RNAs/Cancer. , 2016, , 727-738.		0
3584	Epigenetics in Cancer Biology. , 2022, , .		0
3585	Extracellular Vesicles as Delivery Shippers for Noncoding RNAâ€Based Modulation of Angiogenesis: Insights from Ischemic Stroke and Cancer. Small, 2023, 19, .	5.2	6
3586	miRNA-122 as a new player in cardiovascular disease. Rossiiskii Meditsinskii Zhurnal: Organ Ministerstva Zdravookhraneniia RSFSR, 2023, 28, 451-463.	0.1	1
3588	Circulating miRNAs associated with nonalcoholic fatty liver disease. American Journal of Physiology - Cell Physiology, 2023, 324, C588-C602.	2.1	14
3589	Antisense-oligonucleotide co-micelles with tumor targeting peptides elicit therapeutic effects by inhibiting microRNA-21 in the glioblastoma animal models. Journal of Advanced Research, 2023, 53, 249-260.	4.4	8
3590	MicroRNAs as clinical tools for diagnosis, prognosis, and therapy in prostate cancer. Translational Oncology, 2023, 28, 101613.	1.7	8
3591	Electrochemical and Optical Detection of MicroRNAs as Biomarkers for Cancer Diagnosis. , 2023, , 272-348.		0
3592	Epigenetics of NAFLD and NASH. , 2023, , 423-445.		0

#	Article	IF	Citations
3593	An Overview of Inter-Tissue and Inter-Kingdom Communication Mediated by Extracellular Vesicles in the Regulation of Mammalian Metabolism. International Journal of Molecular Sciences, 2023, 24, 2071.	1.8	1
3594	Application of Antisense Conjugates for the Treatment of Myotonic Dystrophy Type 1. International Journal of Molecular Sciences, 2023, 24, 2697.	1.8	8
3595	MicroRNA-145 and microRNA-486 are potential serum biomarkers for vascular calcification. Nephrology Dialysis Transplantation, 2023, 38, 1729-1740.	0.4	6
3596	microRNA-501 controls myogenin+/CD74+ myogenic progenitor cells during muscle regeneration. Molecular Metabolism, 2023, 71, 101704.	3.0	2
3597	The emerging crosstalk between atherosclerosis-related microRNAs and Bermuda triangle of foam cells: Cholesterol influx, trafficking, and efflux. Cellular Signalling, 2023, 106, 110632.	1.7	4
3598	EPAS1 resistance to miRNA-based regulation contributes to prolonged expression of HIF-2 during hypoxia in human endothelial cells. Gene, 2023, 868, 147376.	1.0	3
3599	Vaccine Formulation Strategies and Challenges Involved in RNA Delivery for Modulating Biomarkers of Cardiovascular Diseases: A Race from Laboratory to Market. Vaccines, 2023, 11, 241.	2.1	1
3600	A novel miRNA mimic attenuates organ injury after hepatic ischemia/reperfusion. Journal of Trauma and Acute Care Surgery, 2023, 94, 702-709.	1.1	2
3601	microRNA regulation of skin pigmentation in golden-back mutant of crucian carp from a rice-fish integrated farming system. BMC Genomics, 2023, 24, .	1.2	2
3602	An engineered miRNA PS-OMe miR130 inhibits acute lung injury by targeting eCIRP in sepsis. Molecular Medicine, 2023, 29, .	1.9	3
3603	Urinary microRNA in Diabetic Kidney Disease: A Literature Review. Medicina (Lithuania), 2023, 59, 354.	0.8	2
3604	Lipid-based colloidal nanoparticles for applications in targeted vaccine delivery. Nanoscale Advances, 2023, 5, 1853-1869.	2.2	8
3605	Extracellular Vesicles and MicroRNA in Myelodysplastic Syndromes. Cells, 2023, 12, 658.	1.8	1
3606	PM2.5 induces mitochondrial dysfunction via AHR-mediated cyp1a1 overexpression during zebrafish heart development. Toxicology, 2023, 487, 153466.	2.0	9
3607	The role of non-coding RNA in lupus nephritis. Human Cell, 2023, 36, 923-936.	1.2	5
3608	Immunoregulatory Biomarkers of the Remission Phase in Type 1 Diabetes: miR-30d-5p Modulates PD-1 Expression and Regulatory T Cell Expansion. Non-coding RNA, 2023, 9, 17.	1.3	1
3609	Potential of Caffeic Acid and 10-Dehydrogingerdione as Lipid Regulators Relevant to Their Inhibitory Effect on miR-122 and ATP Citrate Lyase Activity in Diabetic Hyperlipidemic Rats. Biomedicines, 2023, 11, 726.	1.4	1
3610	Diabetic cardiomyopathy: The role of microRNAs and long non-coding RNAs. Frontiers in Endocrinology, 0, 14, .	1.5	4

#	Article	IF	Citations
3611	The role of miRNAs in the development of hepatobiliary diseases. ZdorovÊ¹e Rebenka, 2023, 18, 65-72.	0.0	0
3612	miR-122 dysregulation is associated with type 2 diabetes mellitus-induced dyslipidemia and hyperglycemia independently of its rs17669 variant. Molecular Biology Reports, 2023, 50, 4217-4224.	1.0	2
3613	Current, emerging, and potential therapies for non-alcoholic steatohepatitis. Frontiers in Pharmacology, 0, 14, .	1.6	6
3614	Investigation of the Expression Pattern and Functional Role of miR-10b in Intestinal Inflammation. Animals, 2023, 13, 1236.	1.0	2
3615	Enhancing the Effectiveness of Oligonucleotide Therapeutics Using Cell-Penetrating Peptide Conjugation, Chemical Modification, and Carrier-Based Delivery Strategies. Pharmaceutics, 2023, 15, 1130.	2.0	11
3616	Nanotechnology-enabled gene delivery for cancer and other genetic diseases. Expert Opinion on Drug Delivery, 2023, 20, 523-540.	2.4	2
3617	RNAi-mediated rheostat for dynamic control of AAV-delivered transgenes. Nature Communications, 2023, 14, .	5.8	2
3618	Anti-microRNA-1976 as a Novel Approach to Enhance Chemosensitivity in XAF1+ Pancreatic and Liver Cancer. Biomedicines, 2023, 11, 1136.	1.4	3
3619	miR-31-5p as a Potential Circulating Biomarker and Tracer of Clinical Improvement for Chronic Inflammatory Demyelinating Polyneuropathy. Oxidative Medicine and Cellular Longevity, 2023, 2023, 1-11.	1.9	2
3620	MicroRNA Signatures of Tumor Hypoxia. , 2023, , 139-159.		0
3625	MicroRNAs in Neural Stem Cells. , 2015, , 167-186.		0
3626	MicroRNA Biogenesis in Regenerative Medicine. , 2023, , 3-48.		0
3627	miRNAs in Cancer Stem Cells. , 2015, , 141-165.		0
3628	Delivery and Biological Activity of Therapeutic miRNAs and miRNA Modifiers. , 2015, , 863-894.		0
3629	MicroRNAs in Tissue Engineering and Regenerative Medicine. , 2015, , 1007-1049.		0
3631	Multifunctional DNA nanoprobe for tumor-targeted synergistic therapy by integrating chemodynamic therapy with gene silencing. Nanoscale Horizons, 2023, 8, 1106-1112.	4.1	2
3677	Vitamin D and microRNAs. , 2024, , 261-290.		0
3686	RNA interference-based therapies for atherosclerosis: Recent advances and future prospects. Progress in Molecular Biology and Translational Science, 2024, , 1-43.	0.9	0

#	Article	IF	Citations
3688	Understanding molecular mechanisms and miRNA-based targets in diabetes foot ulcers. Molecular Biology Reports, 2024, 51, .	1.0	0
3692	Role of miRNA in bacterial respiratory infection diagnosis and therapeutics. , 2024, , 77-93.		0