MicroRNAome genome: A treasure for cancer diagnosis

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Citation Report

#	Article	IF	CITATIONS
1	Cell-free microRNAs as cancer biomarkers: the odyssey of miRNAs through body fluids. Medical Oncology, 2014, 31, 295.	1.2	43
2	Current biomarkers for hepatocellular carcinoma: Surveillance, diagnosis and prediction of prognosis. World Journal of Hepatology, 2014, 7, 139.	0.8	72
3	Upregulation of microRNA-96 and its oncogenic functions by targeting CDKN1A in bladder cancer. Cancer Cell International, 2015, 15, 107.	1.8	52
4	MicroRNA-34a attenuates the proliferation, invasion and metastasis of gastric cancer cells via downregulation of MET. Molecular Medicine Reports, 2015, 12, 5255-5261.	1.1	24
5	MiR-203 Determines Poor Outcome and Suppresses Tumor Growth by Targeting TBK1 in Osteosarcoma. Cellular Physiology and Biochemistry, 2015, 37, 1956-1966.	1.1	19
6	Nuclear-enriched abundant transcript 1 as a diagnostic and prognostic biomarker in colorectal cancer. Molecular Cancer, 2015, 14, 191.	7.9	115
7	MicroRNA Expression in Formalin-fixed Paraffin-embedded Cancer Tissue: Identifying Reference MicroRNAs and Variability. BMC Cancer, 2015, 15, 1024.	1.1	27
8	Welcome to the New Journal Non-Coding RNA!. Non-coding RNA, 2015, 1, 1-3.	1.3	5
9	Role of MALAT1 as a Prognostic Factor for Survival in Various Cancers: A Systematic Review of the Literature with Meta-Analysis. Disease Markers, 2015, 2015, 1-9.	0.6	56
10	Role of MicroRNAs in Malignant Glioma. Chinese Medical Journal, 2015, 128, 1238-1244.	0.9	50
11	Diagnostic and therapeutic management of hepatocellular carcinoma. World Journal of Gastroenterology, 2015, 21, 12003.	1.4	66
12	Clinical value of integrated-signature miRNAs in colorectal cancer: miRNA expression profiling analysis and experimental validation. Oncotarget, 2015, 6, 37544-37556.	0.8	67
13	RNA Testing Now Automated. Clinical Chemistry, 2015, 61, 571-572.	1.5	3
14	Exosomal Non-Coding RNAs: Diagnostic, Prognostic and Therapeutic Applications in Cancer. Non-coding RNA, 2015, 1, 53-68.	1.3	76
15	MicroRNA-708 is downregulated in hepatocellular carcinoma and suppresses tumor invasion and migration. Biomedicine and Pharmacotherapy, 2015, 73, 154-159.	2.5	28
16	Biomarkers in Breast Cancer. Advances in Clinical Chemistry, 2015, 71, 1-23.	1.8	86
17	Recent trends in electrochemical microRNA biosensors for early detection of cancer. RSC Advances, 2015, 5, 35651-35660.	1.7	42
18	An overview of microRNAs. Advanced Drug Delivery Reviews, 2015, 87, 3-14.	6.6	1,124

#	ARTICLE	IF	Citations
19	Tumor suppressor miR-181c attenuates proliferation, invasion, and self-renewal abilities in glioblastoma. NeuroReport, 2015, 26, 66-73.	0.6	43
20	Application of Oracet Blue in a novel and sensitive electrochemical biosensor for the detection of microRNA. Analytical Methods, 2015, 7, 9495-9503.	1.3	29
21	Thyroid C-Cell Biology and Oncogenic Transformation. Recent Results in Cancer Research, 2015, 204, 1-39.	1.8	39
22	MicroRNA-224: as a potential target for miR-based therapy of cancer. Tumor Biology, 2015, 36, 6645-6652.	0.8	20
23	StarScan: a web server for scanning small RNA targets from degradome sequencing data. Nucleic Acids Research, 2015, 43, W480-W486.	6.5	36
24	miR-506 Inhibits Epithelial-to-Mesenchymal Transition and Angiogenesis in Gastric Cancer. American Journal of Pathology, 2015, 185, 2412-2420.	1.9	33
25	MicroRNAs in cancer therapeutics: " <i>from the bench to the bedside</i> ― Expert Opinion on Biological Therapy, 2015, 15, 1381-1385.	1.4	40
26	Non-coding RNA repertoires in malignant pleural mesothelioma. Lung Cancer, 2015, 90, 417-426.	0.9	16
27	Design of a miRNA sponge for the miR-17 miRNA family as a therapeutic strategy against vulvar carcinoma. Molecular and Cellular Probes, 2015, 29, 420-426.	0.9	21
28	MicroRNA-194 promotes the growth, migration, and invasion of ovarian carcinoma cells by targeting protein tyrosine phosphatase nonreceptor type 12. OncoTargets and Therapy, 2016, Volume 9, 4307-4315.	1.0	32
29	Discovering MicroRNA-Regulatory Modules in Multi-Dimensional Cancer Genomic Data: A Survey of Computational Methods. Cancer Informatics, 2016, 15s2, CIN.S39369.	0.9	8
30	Controversies regarding and perspectives on clinical utility of biomarkers in hepatocellular carcinoma. World Journal of Gastroenterology, 2016, 22, 262.	1.4	96
31	Distinct lncRNA transcriptional fingerprints characterize progressive stages of multiple myeloma. Oncotarget, 2016, 7, 14814-14830.	0.8	79
32	Human and primateâ€specific microRNAs in cancer: Evolution, and significance in comparison with more distantlyâ€related research models. BioEssays, 2016, 38, 286-294.	1.2	17
33	Noncoding RNAs in Cancer Diagnosis. Advances in Experimental Medicine and Biology, 2016, 927, 391-427.	0.8	10
34	Circulating miRNAs as novel potential biomarkers for esophageal squamous cell carcinoma diagnosis: a meta-analysis update. Ecological Management and Restoration, 2016, 30, n/a-n/a.	0.2	14
35	An Indel Polymorphism within pre-miR3131 Confers Risk for Hepatocellular Carcinoma. Carcinogenesis, 2017, 38, bgw206.	1.3	10
36	Genome-wide profiling of transfer RNAs and their role as novel prognostic markers for breast cancer. Scientific Reports, 2016, 6, 32843.	1.6	40

#	ARTICLE	IF	CITATIONS
37	MicroRNA miR-93-5p regulates expression of IL-8 and VEGF in neuroblastoma SK-N-AS cells. Oncology Reports, 2016, 35, 2866-2872.	1.2	41
38	Targeting oncomiRNAs and mimicking tumor suppressor miRNAs: New trends in the development of miRNA therapeutic strategies in oncology (Review). International Journal of Oncology, 2016, 49, 5-32.	1.4	184
39	Sequential Serum Let-7 Is a Novel Biomarker to Predict Accelerated Reproliferation During Fractional Radiotherapy in Lung Cancer. Clinical Lung Cancer, 2016, 17, e95-e101.	1.1	15
40	MicroRNA-365a-3p promotes tumor growth and metastasis in laryngeal squamous cell carcinoma. Oncology Reports, 2016, 35, 2017-2026.	1.2	36
41	MiR-16 mediates trastuzumab and lapatinib response in ErbB-2-positive breast and gastric cancer via its novel targets CCNJ and FUBP1. Oncogene, 2016, 35, 6189-6202.	2.6	79
42	MiR-186 inhibited aerobic glycolysis in gastric cancer via HIF-1 \hat{l} ± regulation. Oncogenesis, 2016, 5, e224-e224.	2.1	92
44	miR-214 inhibits invasion and migration via downregulating GALNT7 in esophageal squamous cell cancer. Tumor Biology, 2016, 37, 14605-14614.	0.8	34
45	microRNA Therapeutics in Cancer — An Emerging Concept. EBioMedicine, 2016, 12, 34-42.	2.7	360
46	A mi <scp>RNA</scp> s panel promotes the proliferation and invasion ofÂcolorectal cancer cells by targeting <scp>GABBR</scp> 1. Cancer Medicine, 2016, 5, 2022-2031.	1.3	29
47	The potential diagnostic value of serum microRNA signature in patients with pancreatic cancer. International Journal of Cancer, 2016, 139, 2312-2324.	2.3	33
48	Young investigator challenge: MicroRNAâ€21/MicroRNAâ€126 profiling as a novel tool for the diagnosis of malignant mesothelioma in pleural effusion cytology. Cancer Cytopathology, 2016, 124, 28-37.	1.4	41
49	The role of microRNA in myelodysplastic syndromes: beyond DNA methylation and histone modification. European Journal of Haematology, 2016, 96, 553-563.	1.1	9
50	Translating cancer genomes and transcriptomes for precision oncology. Ca-A Cancer Journal for Clinicians, 2016, 66, 75-88.	157.7	133
51	Downregulation of miR-34a contributes to the proliferation and migration of laryngeal carcinoma cells by targeting cyclin D1. Oncology Reports, 2016, 36, 390-398.	1.2	14
52	Biomarkers: evaluation of clinical utility in surveillance and early diagnosis for hepatocellular carcinoma. Scandinavian Journal of Clinical and Laboratory Investigation, 2016, 76, S70-S76.	0.6	25
53	Tumour-initiating cell-specific miR-1246 and miR-1290 expression converge to promote non-small cell lung cancer progression. Nature Communications, 2016, 7, 11702.	5.8	155
54	miR-29b and miR-198 overexpression in CD8+ T cells of renal cell carcinoma patients down-modulates JAK3 and MCL-1 leading to immune dysfunction. Journal of Translational Medicine, 2016, 14, 84.	1.8	34
55	Association of the <i>miR-146a</i> rs2910164 polymorphism with gastric cancer susceptibility and prognosis. Future Oncology, 2016, 12, 2215-2226.	1.1	49

#	ARTICLE	IF	Citations
56	Accuracy of novel diagnostic biomarkers for hepatocellular carcinoma: An update for clinicians (Review). Oncology Reports, 2016, 36, 613-625.	1.2	58
57	MicroRNAs in chronic lymphocytic leukemia: miRacle or miRage for prognosis and targeted therapies?. Seminars in Oncology, 2016, 43, 209-214.	0.8	31
58	Estrogen repression of microRNA as a potential cause of cancer. Biomedicine and Pharmacotherapy, 2016, 78, 234-238.	2.5	18
59	Liquid biopsy and tumor derived exosomes in clinical practice. Revista Espanola De Patologia, 2016, 49, 106-111.	0.6	2
60	MicroRNA-378-mediated suppression of Runx1 alleviates the aggressive phenotype of triple-negative MDA-MB-231 human breast cancer cells. Tumor Biology, 2016, 37, 8825-8839.	0.8	41
61	miR-139-5p controls translation in myeloid leukemia through EIF4G2. Oncogene, 2016, 35, 1822-1831.	2.6	51
62	Clinical significance of SNORA42 as an oncogene and a prognostic biomarker in colorectal cancer. Gut, 2017, 66, 107-117.	6.1	110
63	Two-Step Assembling of Near-Infrared "OFF–ON―Fluorescent Nanohybrids for Synchronous Tumor Imaging and MicroRNA Modulation-Based Therapy. ACS Applied Materials & Interfaces, 2017, 9, 3294-3305.	4.0	15
64	Exploiting microRNAs As Cancer Therapeutics. Targeted Oncology, 2017, 12, 163-178.	1.7	18
65	Extracellular Superoxide Dismutase Expression in Papillary Thyroid Cancer Mesenchymal Stem/Stromal Cells Modulates Cancer Cell Growth and Migration. Scientific Reports, 2017, 7, 41416.	1.6	31
66	The microRNA-423-3p-Bim Axis Promotes Cancer Progression and Activates Oncogenic Autophagy in Gastric Cancer. Molecular Therapy, 2017, 25, 1027-1037.	3.7	57
67	miR-34c-3p acts as a tumor suppressor gene in osteosarcoma by targeting MARCKS. Molecular Medicine Reports, 2017, 15, 1204-1210.	1.1	15
68	Characterization of the microRNA profile in early-stage cervical squamous cell carcinoma by next-generation sequencing. Oncology Reports, 2017, 37, 1477-1486.	1.2	6
70	The "good-cop bad-cop―TGF-beta role in breast cancer modulated by non-coding RNAs. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1661-1675.	1.1	40
71	CRISPR/Cas9: Transcending the Reality of Genome Editing. Molecular Therapy - Nucleic Acids, 2017, 7, 211-222.	2.3	81
72	A polymorphism in mi <scp>R</scp> â€1262 regulatory region confers the risk of lung cancer in <scp>C</scp> hinese population. International Journal of Cancer, 2017, 141, 958-966.	2.3	26
73	Reciprocal regulation between microRNAs and epigenetic machinery in colorectal cancer. Oncology Letters, 2017, 13, 1048-1057.	0.8	21
74	Combining Anti-Mir-155 with Chemotherapy for the Treatment of Lung Cancers. Clinical Cancer Research, 2017, 23, 2891-2904.	3.2	122

#	Article	IF	Citations
75	N-BLR, a primate-specific non-coding transcript leads to colorectal cancer invasion and migration. Genome Biology, 2017, 18, 98.	3.8	97
76	miR-34a knockout attenuates cognitive deficits in APP/PS1 mice through inhibition of the amyloidogenic processing of APP. Life Sciences, 2017, 182, 104-111.	2.0	61
77	Dysregulation of miR-638 in hepatocellular carcinoma and its clinical significance. Oncology Letters, 2017, 13, 3859-3865.	0.8	16
78	MicroRNA 217 inhibits cell proliferation and enhances chemosensitivity to doxorubicin in acute myeloid leukemia by targeting KRAS. Oncology Letters, 2017, 13, 4986-4994.	0.8	40
79	miRmine: a database of human miRNA expression profiles. Bioinformatics, 2017, 33, 1554-1560.	1.8	164
80	Overexpression of miRNA-221 promotes cell proliferation by targeting the apoptotic protease activating factor-1 and indicates a poor prognosis in ovarian cancer. International Journal of Oncology, 2017, 50, 1087-1096.	1.4	44
81	miR-30a radiosensitizes non-small cell lung cancer by targeting ATF1 that is involved in the phosphorylation of ATM. Oncology Reports, 2017, 37, 1980-1988.	1.2	25
82	An insertion/deletion polymorphism within $3\hat{a}\in^2$ UTR of RYR2 modulates sudden unexplained death risk in Chinese populations. Forensic Science International, 2017, 270, 165-172.	1.3	22
83	Epigenetic regulation by DNA methylation and miRNA molecules in cancer. Future Oncology, 2017, 13, 2217-2222.	1.1	22
84	Cellâ€toâ€cell communication: microRNAs as hormones. Molecular Oncology, 2017, 11, 1673-1686.	2.1	267
85	miR-93-5p/IFNAR1 axis promotes gastric cancer metastasis through activating the STAT3 signaling pathway. Cancer Letters, 2017, 408, 23-32.	3.2	67
86	Circulating microRNAs panel as a diagnostic tool for discrimination of HCV-associated hepatocellular carcinoma. Clinics and Research in Hepatology and Gastroenterology, 2017, 41, e51-e62.	0.7	39
87	Integrative analysis of mRNA and miRNA expression profiles in oral lichen planus: preliminary results. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2017, 124, 390-402.e17.	0.2	22
88	Urinary <scp>microRNAs</scp> for prostate cancer diagnosis, prognosis, and treatment response: are we there yet?. Wiley Interdisciplinary Reviews RNA, 2017, 8, e1438.	3.2	18
89	Long Non-Coding RNAs: the New Horizon of Gene Regulation in Ovarian Cancer. Cellular Physiology and Biochemistry, 2017, 44, 948-966.	1.1	63
90	MiR‴148a modulates HLA‴G expression and influences tumor apoptosis in esophageal squamous cell carcinoma. Experimental and Therapeutic Medicine, 2017, 14, 4448-4452.	0.8	10
91	Epigenetic disruption of miR-130a promotes prostate cancer by targeting SEC23B and DEPDC1. Cancer Letters, 2017, 385, 150-159.	3.2	70
92	Onco-GPCR signaling and dysregulated expression of microRNAs in human cancer. Journal of Human Genetics, 2017, 62, 87-96.	1.1	18

#	Article	IF	CITATIONS
93	Oncogenic miR-132 sustains proliferation and self-renewal potential by inhibition of polypyrimidine tract-binding protein 2 in glioblastoma cells. Molecular Medicine Reports, 2017, 16, 7221-7228.	1.1	4
94	miR-216a inhibits osteosarcoma cell proliferation, invasion and metastasis by targeting CDK14. Cell Death and Disease, 2017, 8, e3103-e3103.	2.7	74
95	Implications of dietary ωâ€'3 and ωâ€'6 polyunsaturated fatty acids in breast cancer (Review). Experimental an Therapeutic Medicine, 2017, 15, 1167-1176.	d _{0.8}	44
96	Dysregulation of Mir-196b in Head and Neck Cancers Leads to Pleiotropic Effects in the Tumor Cells and Surrounding Stromal Fibroblasts. Scientific Reports, 2017, 7, 17785.	1.6	27
97	Targeting and Regulating of an Oncogene via Nanovector Delivery of MicroRNA using Patient-Derived Xenografts. Theranostics, 2017, 7, 677-693.	4.6	33
98	Dietary Intervention by Phytochemicals and Their Role in Modulating Coding and Non-Coding Genes in Cancer. International Journal of Molecular Sciences, 2017, 18, 1178.	1.8	78
99	Understanding the Role of Non-Coding RNAs in Bladder Cancer: From Dark Matter to Valuable Therapeutic Targets. International Journal of Molecular Sciences, 2017, 18, 1514.	1.8	55
100	MiR-30b Attenuates Neuropathic Pain by Regulating Voltage-Gated Sodium Channel Nav1.3 in Rats. Frontiers in Molecular Neuroscience, 2017, 10, 126.	1.4	73
101	Negative Correlation between miR-200c and Decorin Plays an Important Role in the Pathogenesis of Colorectal Carcinoma. BioMed Research International, 2017, 2017, 1-8.	0.9	8
102	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
103	A Looking-Glass of Non-Coding RNAs in Oral Cancer. International Journal of Molecular Sciences, 2017, 18, 2620.	1.8	47
104	miR-92b-3p acts as a tumor suppressor by targeting Gabra3 in pancreatic cancer. Molecular Cancer, 2017, 16, 167.	7.9	92
105	miR-302b inhibits tumorigenesis by targeting EphA2 via Wnt/ \hat{I}^2 -catenin/EMT signaling cascade in gastric cancer. BMC Cancer, 2017, 17, 886.	1.1	49
106	miRNA expression profiling in formalin-fixed paraffin-embedded endometriosis and ovarian cancer samples. OncoTargets and Therapy, 2017, Volume 10, 4225-4238.	1.0	50
107	The Role of miRNAs in Diagnosis, Prognosis and Treatment Prediction in Cervical Cancer., 2017,,.		5
108	Noncoding RNAs in Lung Cancer Angiogenesis. , 0, , .		3
109	Effects of miR-27a, miR-196a2 and miR-146a polymorphisms on the risk of breast cancer. British Journal of Biomedical Science, 2018, 75, 76-81.	1.2	30
110	Identification of four plasma micro <scp>RNA</scp> s as potential biomarkers in the diagnosis of male lung squamous cell carcinoma patients in China. Cancer Medicine, 2018, 7, 2370-2381.	1.3	32

#	Article	IF	CITATIONS
111	In Situ Monitoring of MicroRNA Replacement Efficacy and Accurate Imagingâ€Guided Cancer Therapy through Lightâ€Up Interâ€Polyelectrolyte Nanocomplexes. Advanced Science, 2018, 5, 1700542.	5.6	25
112	The silent healer: miR-205-5p up-regulation inhibits epithelial to mesenchymal transition in colon cancer cells by indirectly up-regulating E-cadherin expression. Cell Death and Disease, 2018, 9, 66.	2.7	78
113	MicroRNA-449a functions as a tumor suppressor in pancreatic cancer by the epigenetic regulation of ATDC expression. Biomedicine and Pharmacotherapy, 2018, 103, 782-789.	2.5	24
114	Interplay between regulation by methylation and noncoding RNAs in cancers. European Journal of Cancer Prevention, 2018, 27, 418-424.	0.6	0
115	Targeting IGF1R pathway in cancer with microRNAs: How close are we?. RNA Biology, 2018, 15, 320-326.	1.5	13
116	Targeting ncRNAs by plant secondary metabolites: The ncRNAs game in the balance towards malignancy inhibition. Biotechnology Advances, 2018, 36, 1779-1799.	6.0	21
117	miR-21 promotes EGF-induced pancreatic cancer cell proliferation by targeting Spry2. Cell Death and Disease, 2018, 9, 1157.	2.7	68
118	Potential Epigenetic-Based Therapeutic Targets for Glioma. Frontiers in Molecular Neuroscience, 2018, 11, 408.	1.4	64
119	Hsa‑miR‑376c‑3p targets Cyclin D1 and induces G1‑cell cycle arrest in neuroblastoma cells. Oncology Letters, 2018, 16, 6786-6794.	0.8	16
120	MicroRNA-98-5p inhibits proliferation and metastasis in non-small cell lung cancer by targeting TGFBR1. International Journal of Oncology, 2019, 54, 128-138.	1.4	24
121	MicroRNAâ€1204 promotes cell proliferation by regulating PITX1 in nonâ€smallâ€cell lung cancer. Cell Biology International, 2019, 43, 253-264.	1.4	21
122	A PCR-free technology to detect and quantify microRNAs directly from human plasma. Analyst, The, 2018, 143, 5676-5682.	1.7	15
123	Integrated analysis of long noncoding <scp>RNA</scp> associatedâ€competing endogenous <scp>RNA</scp> as prognostic biomarkers in clear cell renal carcinoma. Cancer Science, 2018, 109, 3336-3349.	1.7	33
124	Capn4 expression is modulated by microRNA-520b and exerts an oncogenic role in prostate cancer cells by promoting Wnt/l²-catenin signaling. Biomedicine and Pharmacotherapy, 2018, 108, 467-475.	2.5	9
125	One step ahead: miRNA-34 in colon cancer-future diagnostic and therapeutic tool?. Critical Reviews in Oncology/Hematology, 2018, 132, 1-8.	2.0	19
126	Exosomes at a glance – common nominators for cancer hallmarks and novel diagnosis tools. Critical Reviews in Biochemistry and Molecular Biology, 2018, 53, 564-577.	2.3	25
127	IncRNA Malat1 modulates the maturation process, cytokine secretion and apoptosis in airway epithelial cellâ€'conditioned dendritic cells. Experimental and Therapeutic Medicine, 2018, 16, 3951-3958.	0.8	15
128	Aberrant miRNAs expressed in HER-2 negative breast cancers patient. Journal of Experimental and Clinical Cancer Research, 2018, 37, 257.	3.5	46

#	Article	IF	CITATIONS
129	Application of liquid biopsy in bone and soft tissue sarcomas: Present and future. Cancer Letters, 2018, 439, 66-77.	3.2	32
130	MicroRNAs Role in Prostate Cancer. Methods in Molecular Biology, 2018, 1856, 103-117.	0.4	16
131	Could miRNA Signatures be Useful for Predicting Uterine Sarcoma and Carcinosarcoma Prognosis and Treatment?. Cancers, 2018, 10, 315.	1.7	24
132	Clinical utility of circulating non-coding RNAs — an update. Nature Reviews Clinical Oncology, 2018, 15, 541-563.	12.5	353
133	Epigenetic versus Genetic Deregulation of the KEAP1/NRF2 Axis in Solid Tumors: Focus on Methylation and Noncoding RNAs. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-21.	1.9	41
134	The Challenges and Opportunities in the Clinical Application of Noncoding RNAs: The Road Map for miRNAs and piRNAs in Cancer Diagnostics and Prognostics. International Journal of Genomics, 2018, 2018, 1-18.	0.8	34
135	Negative Regulation of PTEN by MicroRNA-221 and Its Association with Drug Resistance and Cellular Senescence in Lung Cancer Cells. BioMed Research International, 2018, 2018, 1-7.	0.9	19
136	miRâ€ʿ142 suppresses proliferation and induces apoptosis of osteosarcoma cells by upregulating Rb. Oncology Letters, 2018, 16, 733-740.	0.8	12
137	Predictive Value of Epigenetic Signatures. , 2018, , 275-311.		0
138	Future Directions and Challenges Involved in Cancer Noncoding RNomics., 2018,, 509-524.		0
139	Exosome-mediated miR-200b promotes colorectal cancer proliferation upon TGF- \hat{l}^21 exposure. Biomedicine and Pharmacotherapy, 2018, 106, 1135-1143.	2.5	58
140	RNA interference: new mechanistic and biochemical insights with application in oral cancer therapy. International Journal of Nanomedicine, 2018, Volume 13, 3397-3409.	3.3	6
141	Using microRNAs as Novel Predictors of Urologic Cancer Survival: An Integrated Analysis. EBioMedicine, 2018, 34, 94-107.	2.7	19
142	Micro <scp>RNA</scp> â€1258 suppresses tumour progression via <scp>GRB</scp> 2/Ras/Erk pathway in nonâ€smallâ€cell lung cancer. Cell Proliferation, 2018, 51, e12502.	2.4	59
143	Long Non-Coding RNAs in Multiple Myeloma. Genes, 2018, 9, 69.	1.0	22
144	The Unforeseen Non-Coding RNAs in Head and Neck Cancer. Genes, 2018, 9, 134.	1.0	24
145	Oncomirs Expression Profiling in Uterine Leiomyosarcoma Cells. International Journal of Molecular Sciences, 2018, 19, 52.	1.8	14
146	Current Insights into Oral Cancer Epigenetics. International Journal of Molecular Sciences, 2018, 19, 670.	1.8	61

#	Article	IF	Citations
147	Potential Clinical Application of Genomics in Multiple Myeloma. International Journal of Molecular Sciences, 2018, 19, 1721.	1.8	5
148	MicroRNA-644a promotes apoptosis of hepatocellular carcinoma cells by downregulating the expression of heat shock factor 1. Cell Communication and Signaling, 2018, 16, 30.	2.7	19
149	Overview upon miR-21 in lung cancer: focus on NSCLC. Cellular and Molecular Life Sciences, 2018, 75, 3539-3551.	2.4	176
150	MicroRNAs, Regulatory Messengers Inside and Outside Cancer Cells. Advances in Experimental Medicine and Biology, 2018, 1056, 87-108.	0.8	57
151	miR-302a-5p/367-3p-HMGA2 axis regulates malignant processes during endometrial cancer development. Journal of Experimental and Clinical Cancer Research, 2018, 37, 19.	3 . 5	48
152	MiR-20a-5p suppresses tumor proliferation by targeting autophagy-related gene 7 in neuroblastoma. Cancer Cell International, 2018, 18, 5.	1.8	41
153	Bioinformatics-based identification of miR-542-5p as a predictive biomarker in breast cancer therapy. Hereditas, 2018, 155, 17.	0.5	25
154	Association between miR-218 rs11134527 polymorphism and risk of selected types of cancer in Asian population: An updated meta-analysis of case-control studies. Gene, 2018, 678, 370-376.	1.0	3
155	Combined Therapy in Cancer: The Non-coding Approach. Molecular Therapy - Nucleic Acids, 2018, 12, 787-792.	2.3	8
156	The Micro-RNA Expression Profiles of Autoimmune Arthritis Reveal Novel Biomarkers of the Disease and Therapeutic Response. International Journal of Molecular Sciences, 2018, 19, 2293.	1.8	30
157	Exosome RNAs as Biomarkers and Targets for Cancer Therapy. , 2018, , 129-159.		3
158	Plasma miRNAs in diagnosis and prognosis of pancreatic cancer: A miRNA expression analysis. Gene, 2018, 673, 181-193.	1.0	92
159	MiR-139 in digestive system tumor diagnosis and detection: Bioinformatics and meta-analysis. Clinica Chimica Acta, 2018, 485, 33-41.	0.5	9
160	Evaluating gastroenteropancreatic neuroendocrine tumors through microRNA sequencing. Endocrine-Related Cancer, 2019, 26, 47-57.	1.6	39
161	The Role of Exosomal MicroRNAs in the Tumor Microenvironment of Breast Cancer. International Journal of Molecular Sciences, 2019, 20, 3884.	1.8	74
162	Clinical value of microRNA‑198‑5p downregulation in lung adenocarcinoma and its potential pathways. Oncology Letters, 2019, 18, 2939-2954.	0.8	12
163	Downregulation of miR‑3934‑5p enhances A549 cell sensitivity to cisplatin by targeting TP53INP1. Experimental and Therapeutic Medicine, 2019, 18, 1653-1660.	0.8	3
164	Aspirin targets P4HA2 through inhibiting NF-κB and LMCD1-AS1/let-7g to inhibit tumour growth and collagen deposition in hepatocellular carcinoma. EBioMedicine, 2019, 45, 168-180.	2.7	79

#	Article	IF	CITATIONS
165	MicroRNA targeting by quercetin in cancer treatment and chemoprotection. Pharmacological Research, 2019, 147, 104346.	3.1	68
166	The effects of miR-429 on cell migration and invasion by targeting Slug in esophageal squamous cell carcinoma. Pathology Research and Practice, 2019, 215, 152526.	1.0	13
167	MicroRNA signature refine response prediction in CML. Scientific Reports, 2019, 9, 9666.	1.6	25
168	Cross-Species Suppression of Hepatoma Cell Growth and Migration by a Schistosoma japonicum MicroRNA. Molecular Therapy - Nucleic Acids, 2019, 18, 400-412.	2.3	19
169	Serum microRNA expression profiling identifies serum biomarkers for HCV-related hepatocellular carcinoma. Cancer Biomarkers, 2019, 26, 501-512.	0.8	37
170	MicroRNAs Affect Complement Regulator Expression and Mitochondrial Activity to Modulate Cell Resistance to Complement-Dependent Cytotoxicity. Cancer Immunology Research, 2019, 7, 1970-1983.	1.6	10
171	MiRNAs roles in the diagnosis, prognosis and treatment of colorectal cancer. Expert Review of Proteomics, 2019, 16, 851-856.	1.3	20
172	Circulating microRNA-301 as a promising diagnostic biomarker of hepatitis C virus-related hepatocellular carcinoma. Molecular Biology Reports, 2019, 46, 5759-5765.	1.0	10
173	Comprehensive Characterization of Somatic Mutations Impacting IncRNA Expression for Pan-Cancer. Molecular Therapy - Nucleic Acids, 2019, 18, 66-79.	2.3	27
174	Discovery and Validation of Serum MicroRNAs as Early Diagnostic Biomarkers for Prostate Cancer in Chinese Population. BioMed Research International, 2019, 2019, 1-9.	0.9	28
175	Role of microRNA in the pathogenesis of systemic sclerosis tissue fibrosis and vasculopathy. Autoimmunity Reviews, 2019, 18, 102396.	2.5	50
176	The extensive role of miR-155 in malignant and non-malignant diseases. Molecular Aspects of Medicine, 2019, 70, 33-56.	2.7	33
177	MicroRNAs (miRNAs) in Colorectal Cancer., 0,,.		4
178	Circulating miRNA Profiling in Plasma Samples of Ovarian Cancer Patients. International Journal of Molecular Sciences, 2019, 20, 4533.	1.8	29
179	MiR-150-5p regulates melanoma proliferation, invasion and metastasis via SIX1-mediated Warburg Effect. Biochemical and Biophysical Research Communications, 2019, 515, 85-91.	1.0	34
180	Circular RNA CDR1as acts as a sponge of miR-135b-5p to suppress ovarian cancer progression $\langle p \rangle$. OncoTargets and Therapy, 2019, Volume 12, 3869-3879.	1.0	59
181	A common indel polymorphism of the Desmoglein-2 (DSG2) is associated with sudden cardiac death in Chinese populations. Forensic Science International, 2019, 301, 382-387.	1.3	13
182	MiRNA expression patterns are associated with tumor mutational burden in lung adenocarcinoma. Oncolmmunology, 2019, 8, e1629260.	2.1	24

#	Article	IF	CITATIONS
183	Identification of microRNAs associated with the aggressiveness of prolactin pituitary tumors using bioinformatic analysis. Oncology Reports, 2019, 42, 533-548.	1.2	12
184	The Relevance of Mass Spectrometry Analysis for Personalized Medicine through Its Successful Application in Cancer "Omics― International Journal of Molecular Sciences, 2019, 20, 2576.	1.8	24
185	Prognostic value of the tumorâ€specific ceRNA network in epithelial ovarian cancer. Journal of Cellular Physiology, 2019, 234, 22071-22081.	2.0	15
186	MicroRNA profiling in serous cavity specimens: Diagnostic challenges and new opportunities. Cancer Cytopathology, 2019, 127, 493-500.	1.4	12
187	The emerging research field of extracellular RNA: an editorial preface. ExRNA, 2019, 1, .	1.0	2
188	Long noncoding RNA MALAT1 mediates stem cellâ€like properties in human colorectal cancer cells by regulating miRâ€20bâ€5p/Oct4 axis. Journal of Cellular Physiology, 2019, 234, 20816-20828.	2.0	65
189	miRNA and mRNA Integration Network Construction Reveals Novel Key Regulators in Left-Sided and Right-Sided Colon Adenocarcinoma. BioMed Research International, 2019, 2019, 1-9.	0.9	16
190	A microRNA profile of pediatric glioblastoma: The role of NUCKS1 upregulation. Molecular and Clinical Oncology, 2019, 10, 331-338.	0.4	13
191	microRNAâ€329 suppresses epithelialâ€toâ€mesenchymal transition and lymph node metastasis in bile duct cancer by inhibiting laminin subunit beta 3. Journal of Cellular Physiology, 2019, 234, 17786-17799.	2.0	9
192	Unraveling UCA1 IncRNA prognostic utility in urothelial bladder cancer. Carcinogenesis, 2019, 40, 965-974.	1.3	14
193	Ini¿½silico analysis identified miRNAâ€ʻbased therapeutic agents against glioblastoma multiforme. Oncology Reports, 2019, 41, 2194-2208.	1.2	29
194	Overexpression of microRNA-519d-3p suppressed the growth of pancreatic cancer cells by inhibiting ribosomal protein S15A-mediated Wnt/ \hat{l}^2 -catenin signaling. Chemico-Biological Interactions, 2019, 304, 1-9.	1.7	23
195	MicroRNA Shuttle from Cell-To-Cell by Exosomes and Its Impact in Cancer. Non-coding RNA, 2019, 5, 28.	1.3	77
196	Blood Circulating miRNAs as Cancer Biomarkers for Diagnosis and Surgical Treatment Response. Frontiers in Genetics, 2019, 10, 169.	1.1	96
197	Clinical relevance of circulating molecules in cancer: focus on gastrointestinal stromal tumors. Therapeutic Advances in Medical Oncology, 2019, 11, 175883591983190.	1.4	15
198	miRNA-148a-3p Regulates Immunosuppression in DNA Mismatch Repair–Deficient Colorectal Cancer by Targeting PD-L1. Molecular Cancer Research, 2019, 17, 1403-1413.	1.5	89
199	MicroRNAâ€'1291 mediates cell proliferation and tumorigenesis by downregulating MED1 in prostate cancer. Oncology Letters, 2019, 17, 3253-3260.	0.8	15
200	Nrf2-miR-129-3p-mTOR Axis Controls an miRNA Regulatory Network Involved in HDACi-Induced Autophagy. Molecular Therapy, 2019, 27, 1039-1050.	3.7	39

#	Article	IF	CITATIONS
201	miR-31-3p Expression and Benefit from Anti-EGFR Inhibitors in Metastatic Colorectal Cancer Patients Enrolled in the Prospective Phase II PROSPECT-C Trial. Clinical Cancer Research, 2019, 25, 3830-3838.	3.2	42
202	miR-140-5p induces cell apoptosis and decreases Warburg effect in chronic myeloid leukemia by targeting SIX1. Bioscience Reports, 2019, 39, .	1.1	30
203	MicroRNA-301b promotes the proliferation and invasion of glioma cells through enhancing activation of Wnt/ \hat{l}^2 -catenin signaling via targeting Glypican-5. European Journal of Pharmacology, 2019, 854, 39-47.	1.7	6
204	Schistosoma japonicum MiRNA-7-5p Inhibits the Growth and Migration of Hepatoma Cells via Cross-Species Regulation of S-Phase Kinase-Associated Protein 2. Frontiers in Oncology, 2019, 9, 175.	1.3	33
205	Dynamic expression of ZNF382 and its tumor-suppressor role in hepatitis B virus-related hepatocellular carcinogenesis. Oncogene, 2019, 38, 4804-4819.	2.6	33
206	Aspirin ameliorates lung cancer by targeting the miRâ€98/WNT1 axis. Thoracic Cancer, 2019, 10, 744-750.	0.8	16
207	Construction and integrated analysis of crosstalking ceRNAs networks in laryngeal squamous cell carcinoma. PeerJ, 2019, 7, e7380.	0.9	22
208	The Role of MicroRNA in Paediatric Acute Lymphoblastic Leukaemia: Challenges for Diagnosis and Therapy. Journal of Oncology, 2019, 2019, 1-14.	0.6	19
209	MiRNA-Based Therapeutics in Oncology, Realities, and Challenges. , 0, , .		11
210	The Diagnostic Value of MicroRNAs as a Biomarker for Hepatocellular Carcinoma: A Meta-Analysis. BioMed Research International, 2019, 2019, 1-14.	0.9	9
211	Analysis of whole genome-wide microRNA transcriptome profiling in invasive pituitary adenomas and non-invasive pituitary adenomas. Chinese Neurosurgical Journal, 2019, 5, 27.	0.3	6
212	Noncoding RNAs and Liquid Biopsy in Lung Cancer: A Literature Review. Diagnostics, 2019, 9, 216.	1.3	6
213	Urine Biopsyâ€"Liquid Gold for Molecular Detection and Surveillance of Bladder Cancer. Frontiers in Oncology, 2019, 9, 1266.	1.3	39
214	Potential Relationship between Clinical Significance and Serum Exosomal miRNAs in Patients with Multiple Myeloma. BioMed Research International, 2019, 2019, 1-8.	0.9	21
215	Role of miRNAs in immune responses and immunotherapy in cancer. Genes Chromosomes and Cancer, 2019, 58, 244-253.	1.5	105
216	miRNA Expression Assays. , 2019, , 51-71.		3
217	MiR-let-7e inhibits invasion and magration and regulates HMGB1 expression in papillary thyroid carcinoma. Biomedicine and Pharmacotherapy, 2019, 110, 528-536.	2.5	22
218	MicroRNAs and Long Non-coding RNAs in Genetic Diseases. Molecular Diagnosis and Therapy, 2019, 23, 155-171.	1.6	44

#	Article	IF	CITATIONS
219	miR-1254 inhibits cell proliferation, migration, and invasion by down-regulating Smurf1 in gastric cancer. Cell Death and Disease, 2019, 10, 32.	2.7	65
220	Expression profiles and prognostic value of miRNAs in retinoblastoma. Journal of Cancer Research and Clinical Oncology, 2019, 145, 1-10.	1.2	35
221	HOTAIR promotes osteosarcoma development by sponging miRâ€217 and targeting ZEB1. Journal of Cellular Physiology, 2019, 234, 6173-6181.	2.0	38
222	miRâ€181a/b therapy in lung cancer: reality or myth?. Molecular Oncology, 2019, 13, 9-25.	2.1	34
223	MicroRNAâ€384 regulates cell proliferation and apoptosis through directly targeting WISP1 in laryngeal cancer. Journal of Cellular Biochemistry, 2019, 120, 3018-3026.	1.2	16
224	MicroRNAâ€₹b attenuates ischemia/reperfusionâ€induced H9C2 cardiomyocyte apoptosis via the hypoxia inducible factorâ€1/pâ€p38 pathway. Journal of Cellular Biochemistry, 2019, 120, 9947-9955.	1.2	15
225	MicroRNA-214 promotes the calcification of human aortic valve interstitial cells through the acceleration of inflammatory reactions with activated MyD88/NF-ÎB signaling. Clinical Research in Cardiology, 2019, 108, 691-702.	1.5	39
226	Preparation and optimization of poly (lactic acid) nanoparticles loaded with fisetin to improve anti-cancer therapy. International Journal of Biological Macromolecules, 2019, 125, 700-710.	3. 6	70
227	MiR-132 promotes the proliferation, invasion and migration of human pancreatic carcinoma by inhibition of the tumor suppressor gene PTEN. Progress in Biophysics and Molecular Biology, 2019, 148, 65-72.	1.4	29
228	MicroRNA-183-5p: A New Potential Marker for Prostate Cancer. Indian Journal of Clinical Biochemistry, 2019, 34, 207-212.	0.9	22
229	Hsa_circ_0001361 promotes bladder cancer invasion and metastasis through miR-491-5p/MMP9 axis. Oncogene, 2020, 39, 1696-1709.	2.6	88
230	MiR-490-5p functions as tumor suppressor in childhood neuroblastoma by targeting MYEOV. Human Cell, 2020, 33, 261-271.	1.2	17
231	SNHG5 enhances Paclitaxel sensitivity of ovarian cancer cells through sponging miR-23a. Biomedicine and Pharmacotherapy, 2020, 123, 109711.	2.5	25
232	miR-489-3p/SIX1 Axis Regulates Melanoma Proliferation and Glycolytic Potential. Molecular Therapy - Oncolytics, 2020, 16, 30-40.	2.0	27
233	Multiplexed fluorometric determination for three microRNAs in acute myocardial infarction by using duplex-specific nuclease and MoS2 nanosheets. Mikrochimica Acta, 2020, 187, 15.	2.5	8
234	Role of microRNAs in the crosstalk between osteosarcoma cells and the tumour microenvironment. Journal of Bone Oncology, 2020, 25, 100322.	1.0	16
235	A Comprehensive Review of Cancer MicroRNA Therapeutic Delivery Strategies. Cancers, 2020, 12, 1852.	1.7	148
236	The Similar Effects of miR-512-3p and miR-519a-2-5p on the Promotion of Hepatocellular Carcinoma: Different Tunes Sung With Equal Skill. Frontiers in Oncology, 2020, 10, 1244.	1.3	9

#	Article	IF	CITATIONS
237	The value of microRNAs as the novel biomarkers for colorectal cancer diagnosis: A meta-analysis. Pathology Research and Practice, 2020, 216, 153130.	1.0	11
238	Altered miRNAs Expression Correlates With Gastroenteropancreatic Neuroendocrine Tumors Grades. Frontiers in Oncology, 2020, 10, 1187.	1.3	8
239	Epigenetic Mechanisms of Resistance to Immune Checkpoint Inhibitors. Biomolecules, 2020, 10, 1061.	1.8	59
240	miR-766-3p Targeting BCL9L Suppressed Tumorigenesis, Epithelial-Mesenchymal Transition, and Metastasis Through the \hat{I}^2 -Catenin Signaling Pathway in Osteosarcoma Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 594135.	1.8	11
241	<p>Circ_0084927 Facilitates Cervical Cancer Development via Sponging miR-142-3p and Upregulating ARL2</p> . Cancer Management and Research, 2020, Volume 12, 9271-9283.	0.9	20
242	<p>Circ_0015756 Aggravates Hepatocellular Carcinoma Development by Regulating FGFR1 via Sponging miR-610</p> . Cancer Management and Research, 2020, Volume 12, 7383-7394.	0.9	9
243	A panel of 8 miRNAs as a novel diagnostic biomarker in pancreatic cancer. Medicine (United States), 2020, 99, e22261.	0.4	5
244	Roles of Regulatory RNAs in Nutritional Control. Annual Review of Nutrition, 2020, 40, 77-104.	4.3	8
245	Diagnostic and Prognostic Significance of MiR-150 in Colorectal Cancer: A Systematic Review and Meta-Analysis. Journal of Personalized Medicine, 2020, 10, 99.	1.1	9
246	Tumor-Derived Exosomal miR-620 as a Diagnostic Biomarker in Non-Small-Cell Lung Cancer. Journal of Oncology, 2020, 2020, 1-9.	0.6	21
247	Premature MicroRNA-Based Therapeutic: A "One-Two Punch―against Cancers. Cancers, 2020, 12, 3831.	1.7	3
248	The Contribution of MicroRNAs to the Inflammatory and Neoplastic Characteristics of Erdheim–Chester Disease. Cancers, 2020, 12, 3240.	1.7	5
249	Exosomal miRNA signatures of pancreatic lesions. BMC Gastroenterology, 2020, 20, 137.	0.8	25
250	miRNA-29a reverses P-glycoprotein-mediated drug resistance and inhibits proliferation via up-regulation of PTEN in colon cancer cells. European Journal of Pharmacology, 2020, 880, 173138.	1.7	32
251	MiR-96 promotes apoptosis of nucleus pulpous cells by targeting FRS2. Human Cell, 2020, 33, 1017-1025.	1.2	4
252	Progress in triple negative breast carcinoma pathophysiology: Potential therapeutic targets. Pathology Research and Practice, 2020, 216, 152874.	1.0	8
253	The chromosome 19 microRNA cluster, regulated by promoter hypomethylation, is associated with tumour burden and poor prognosis in patients with hepatocellular carcinoma. Journal of Cellular Physiology, 2020, 235, 6103-6112.	2.0	11
254	Association of rs2620381 polymorphism in miR-627 and gastric cancer. British Journal of Biomedical Science, 2020, 77, 76-80.	1.2	7

#	Article	IF	CITATIONS
255	The Panel of 12 Cell-Free MicroRNAs as Potential Biomarkers in Prostate Neoplasms. Diagnostics, 2020, 10, 38.	1.3	23
256	Recent Trends of microRNA Significance in Pediatric Population Glioblastoma and Current Knowledge of Micro RNA Function in Glioblastoma Multiforme. International Journal of Molecular Sciences, 2020, 21, 3046.	1.8	17
257	<p>miR-145-5p Regulates the Proliferation, Migration and Invasion in Cervical Carcinoma by Targeting KLF5</p> . OncoTargets and Therapy, 2020, Volume 13, 2369-2376.	1.0	13
258	MiR-206 suppresses proliferation and epithelial-mesenchymal transition of renal cell carcinoma by inhibiting CDK6 expression. Human Cell, 2020, 33, 750-758.	1.2	9
259	MicroRNA-4476 promotes glioma progression through a miR-4476/APC/ \hat{l}^2 -catenin/c-Jun positive feedback loop. Cell Death and Disease, 2020, 11, 269.	2.7	19
260	RFC2, a direct target of miRâ€₹44, modulates the cell cycle and promotes the proliferation of CRC cells. Journal of Cellular Physiology, 2020, 235, 8319-8333.	2.0	23
261	Applications of advanced materials in bio-sensing in live cells: Methods and applications. Materials Science and Engineering C, 2021, 121, 111691.	3.8	6
262	microRNAs: New-Age Panacea in Cancer Therapeutics. Indian Journal of Surgical Oncology, 2021, 12, 52-56.	0.3	3
263	Interferon-Induced Macrophage-Derived Exosomes Mediate Antiviral Activity Against Hepatitis B Virus Through miR-574-5p. Journal of Infectious Diseases, 2021, 223, 686-698.	1.9	24
264	circAPLP2 promotes colorectal cancer progression by upregulating HELLS by targeting miR-335-5p. Open Medicine (Poland), 2021, 16, 338-350.	0.6	0
265	Selective exosome exclusion of miR-375 by glioma cells promotes glioma progression by activating the CTGF-EGFR pathway. Journal of Experimental and Clinical Cancer Research, 2021, 40, 16.	3.5	24
266	Bioinformatics analysis of microarray data reveals epithelial-mesenchymal-transition in pediatric ependymoma. Anti-Cancer Drugs, 2021, 32, 437-447.	0.7	1
267	Identification and validation of a miRNA-related expression signature for tumor mutational burden in colorectal cancer. World Journal of Surgical Oncology, 2021, 19, 56.	0.8	9
268	Circulating MicroRNAs as Promising Diagnostic Biomarkers for Patients With Glioma: A Meta-Analysis. Frontiers in Neurology, 2020, 11, 610163.	1.1	12
269	Aberrant Expression of microRNA Clusters in Head and Neck Cancer Development and Progression: Current and Future Translational Impacts. Pharmaceuticals, 2021, 14, 194.	1.7	3
270	Exosomes derived from microRNA-512-5p-transfected bone mesenchymal stem cells inhibit glioblastoma progression by targeting JAG1. Aging, 2021, 13, 9911-9926.	1.4	28
271	Repression of circRNA_000684 inhibits malignant phenotypes of pancreatic ductal adenocarcinoma cells via miR-145-mediated KLF5. Pancreatology, 2021, 21, 406-417.	0.5	10
272	MicroRNA as Epigenetic Modifiers in Endometrial Cancer: A Systematic Review. Cancers, 2021, 13, 1137.	1.7	17

#	Article	IF	CITATIONS
273	Expression of inflammatory interleukins and selected miRNAs in non-small cell lung cancer. Scientific Reports, 2021, 11, 5092.	1.6	12
274	Liquid Biopsy Biomarkers in Urine: A Route towards Molecular Diagnosis and Personalized Medicine of Bladder Cancer. Journal of Personalized Medicine, 2021, 11, 237.	1.1	58
275	Circular RNA RBPMS inhibits bladder cancer progression via miR-330-3p/RAI2 regulation. Molecular Therapy - Nucleic Acids, 2021, 23, 872-886.	2.3	30
276	Serum microRNAs as Biomarkers for the Noninvasive Early Diagnosis of Biliary Tract Cancer. International Journal of General Medicine, 2021, Volume 14, 1185-1195.	0.8	7
277	Impact of RARα and miR-138 on retinoblastoma etoposide resistance. Tumor Biology, 2021, 43, 11-26.	0.8	3
278	Endothelial-to-mesenchymal transition in systemic sclerosis. Clinical and Experimental Immunology, 2021, 205, 12-27.	1.1	21
279	Plant-derived xenomiRs and cancer: Cross-kingdom gene regulation. Saudi Journal of Biological Sciences, 2021, 28, 2408-2422.	1.8	11
280	Antagomir technology in the treatment of different types of cancer. Epigenomics, 2021, 13, 481-484.	1.0	40
281	CDK14/βâ€catenin/TCF4/miRâ€26b positive feedback regulation modulating pancreatic cancer cell phenotypes ⟨i⟩in vitro⟨ i⟩ and tumor growth in mice model ⟨i⟩in vivo⟨ i⟩. Journal of Gene Medicine, 2022, 24, e3343.	1.4	3
282	Downregulation of miR-335 exhibited an oncogenic effect via promoting KDM3A/YAP1 networks in clear cell renal cell carcinoma. Cancer Gene Therapy, 2022, 29, 573-584.	2.2	12
283	An Integrated Data Analysis of mRNA, miRNA and Signaling Pathways in Pancreatic Cancer. Biochemical Genetics, 2021, 59, 1326-1358.	0.8	25
284	MicroRNAs in Metastasis and the Tumour Microenvironment. International Journal of Molecular Sciences, 2021, 22, 4859.	1.8	10
285	MiR-182 Promotes Ischemia/Reperfusion-Induced Acute Kidney Injury in Rat by Targeting FoxO3. Urologia Internationalis, 2021, 105, 687-696.	0.6	7
286	MiRNA-based model for predicting the TMB level in colon adenocarcinoma based on a LASSO logistic regression method. Medicine (United States), 2021, 100, e26068.	0.4	1
287	LncRNA SLCO4A1-AS1 modulates colon cancer stem cell properties by binding to miR-150-3p and positively regulating SLCO4A1. Laboratory Investigation, 2021, 101, 908-920.	1.7	21
288	Deregulation of the cell cycle and related microRNA expression induced by vinyl chloride monomer in the hepatocytes of rats. Toxicology and Industrial Health, 2021, 37, 365-376.	0.6	0
289	MicroRNA Therapeutics in Cancer: Current Advances and Challenges. Cancers, 2021, 13, 2680.	1.7	82
290	MicroRNA-1: Diverse role of a small player in multiple cancers. Seminars in Cell and Developmental Biology, 2022, 124, 114-126.	2.3	14

#	Article	IF	CITATIONS
291	Overexpression of DDIT4 and TPTEP1 are associated with metastasis and advanced stages in colorectal cancer patients: a study utilizing bioinformatics prediction and experimental validation. Cancer Cell International, 2021, 21, 303.	1.8	9
292	A Schistosoma japonicum MicroRNA Exerts Antitumor Effects Through Inhibition of Both Cell Migration and Angiogenesis by Targeting PGAM1. Frontiers in Oncology, 2021, 11, 652395.	1.3	3
293	Circular RNA TAF4B Promotes Bladder Cancer Progression by Sponging miR-1298-5p and Regulating TGFA Expression. Frontiers in Oncology, 2021, 11, 643362.	1.3	8
294	The potential use of microRNAs as a therapeutic strategy for SARS-CoV-2 infection. Archives of Virology, 2021, 166, 2649-2672.	0.9	21
295	MiRâ€622 acts as a tumor suppressor to induce cell apoptosis and inhibit metastasis in human prostate cancer. Andrologia, 2021, 53, e14174.	1.0	7
296	Assessment of a panel of miRNAs in serum and pleural fluid for the differential diagnosis of malignant and benign pleural effusion. Cancer Biomarkers, 2022, 33, 71-82.	0.8	3
297	Serum miRNA Profiling for Early PDAC Diagnosis and Prognosis: A Retrospective Study. Biomedicines, 2021, 9, 845.	1.4	9
298	MiR-486-3p was downregulated at microRNA profiling of adrenals of multiple endocrine neoplasia type 1 mice, and inhibited human adrenocortical carcinoma cell lines. Scientific Reports, 2021, 11, 14772.	1.6	4
299	Non-Coding RNAs in Normal B-Cell Development and in Mantle Cell Lymphoma: From Molecular Mechanism to Biomarker and Therapeutic Agent Potential. International Journal of Molecular Sciences, 2021, 22, 9490.	1.8	4
300	Screening Prognosis-Related IncRNAs Based on WGCNA to Establish a New Risk Score for Predicting Prognosis in Patients with Hepatocellular Carcinoma. Journal of Immunology Research, 2021, 2021, 1-20.	0.9	6
301	Identification and Elucidation of the Protective isomiRs in Lung Cancer Patient Prognosis. Frontiers in Genetics, 2021, 12, 702695.	1.1	1
302	MiR-433-3p restrains the proliferation, migration and invasion of glioma cells via targeting SMC4. Brain Research, 2021, 1767, 147563.	1.1	14
303	MicroRNA-199: A Potential Therapeutic Tool for Hepatocellular Carcinoma in an Experimental Model. Asian Pacific Journal of Cancer Prevention, 2021, 22, 2771-2779.	0.5	3
304	Evidenceâ€based diagnostic performance of novel biomarkers for the diagnosis of malignant mesothelioma in effusion cytology. Cancer Cytopathology, 2022, 130, 96-109.	1.4	26
305	MicroRNA and cyclooxygenase-2 in breast cancer. Clinica Chimica Acta, 2021, 522, 36-44.	0.5	5
306	Biomarkers as Putative Therapeutic Targets in Colorectal Cancer., 2021,, 123-177.		0
307	MicroRNAâ€'9â€'5p increases the sensitivity of colorectal cancer cells to 5â€'fluorouracil by downregulating high mobility group A2 expression. Oncology Letters, 2021, 21, 235.	0.8	6
308	Circulating miRNAs as Biomarker in Cancer. Recent Results in Cancer Research, 2020, 215, 277-298.	1.8	38

#	Article	IF	CITATIONS
309	Non-coding RNA in bladder cancer. Cancer Letters, 2020, 485, 38-44.	3.2	86
310	Epigenetics of glioblastoma multiforme: From molecular mechanisms to therapeutic approaches. Seminars in Cancer Biology, 2022, 83, 100-120.	4.3	85
311	Plasma <scp>miR</scp> â€1247â€5p, <scp>miR</scp> â€301bâ€3p and <scp>miR</scp> â€105â€5p as potential for early diagnosis of nonâ€small cell lung cancer. Thoracic Cancer, 2021, 12, 539-548.	l biomarke 0.8	ers 21
312	A novel serum microRNA-based identification and classification biomarker of human glioma. Tumor Biology, 2017, 39, 101042831770533.	0.8	17
313	MicroRNA expression in benign breast tissue and risk of subsequent invasive breast cancer. PLoS ONE, 2018, 13, e0191814.	1.1	9
314	IRS-2 Partially Compensates for the Insulin Signal Defects in IRS-1â^'/â^' Mice Mediated by miR-33. Molecules and Cells, 2017, 40, 123-132.	1.0	32
315	Identification of noncoding RNA expression profiles and regulatory interaction networks following traumatic spinal cord injury by sequence analysis. Aging, 2019, 11, 2352-2368.	1.4	26
316	MiR-320a induces diabetic nephropathy via inhibiting MafB. Aging, 2019, 11, 3055-3079.	1.4	43
317	miR-375-3p suppresses tumorigenesis and partially reverses chemoresistance by targeting YAP1 and SP1 in colorectal cancer cells. Aging, 2019, 11, 7357-7385.	1.4	66
318	Development of a prognostic index and screening of potential biomarkers based on immunogenomic landscape analysis of colorectal cancer. Aging, 2020, 12, 5832-5857.	1.4	34
319	Clinical utility of microRNA-378 as early diagnostic biomarker of human cancers: a meta-analysis of diagnostic test. Oncotarget, 2016, 7, 58569-58578.	0.8	22
320	A six-microRNA signature in plasma was identified as a potential biomarker in diagnosis of esophageal squamous cell carcinoma. Oncotarget, 2017, 8, 34468-34480.	0.8	54
321	MiR-21 over-expression and Programmed Cell Death 4 down-regulation features malignant pleural mesothelioma. Oncotarget, 2018, 9, 17300-17308.	0.8	14
322	A functional variant in miR-155 regulation region contributes to lung cancer risk and survival. Oncotarget, 2015, 6, 42781-42792.	0.8	47
323	Long non-coding RNAs in normal and malignant hematopoiesis. Oncotarget, 2016, 7, 50666-50681.	0.8	50
324	TGF \hat{l}^2 signaling-induced miRNA participates in autophagic regulation by targeting PRAS40 in mesenchymal subtype of glioblastoma. Cancer Biology and Medicine, 2020, 17, 664-675.	1.4	4
325	MiR-135a biogenesis and regulation in malignancy: a new hope for cancer research and therapy. Cancer Biology and Medicine, 2020, 17, 569-582.	1.4	26
326	Enrichment of Up-regulated and Down-regulated Gene Clusters Using Gene Ontology, miRNAs and IncRNAs in Colorectal Cancer. Combinatorial Chemistry and High Throughput Screening, 2019, 22, 534-545.	0.6	14

#	Article	IF	CITATIONS
327	MicroRNAs in Myeloid Hematological Malignancies. Current Genomics, 2015, 16, 336-348.	0.7	9
328	MicroRNA-520c-3p Modulates Doxorubicin-Chemosensitivity in HepG2 Cells. Anti-Cancer Agents in Medicinal Chemistry, 2020, 21, 237-245.	0.9	7
329	Lack of Association between miR-605 rs2043556 Polymorphism and Overall Cancer Risk: A Meta-analysis of Case-control Studies. MicroRNA (Shariqah, United Arab Emirates), 2019, 8, 94-100.	0.6	6
330	Glucocorticoid receptor regulates expression of microRNA-22 and downstream signaling pathway in apoptosis of pancreatic acinar cells. World Journal of Gastroenterology, 2018, 24, 5120-5130.	1.4	10
331	Knockdown of lncRNAXLOC_001659 inhibits proliferation and invasion of esophageal squamous cell carcinoma cells. World Journal of Gastroenterology, 2019, 25, 6299-6310.	1.4	11
332	Identification of differentially expressed miRNAs associated with thermal injury in epidermal stem cells based on RNAâ€'sequencing. Experimental and Therapeutic Medicine, 2020, 19, 2218-2228.	0.8	4
333	Microrna a New Gate in Cancer and Human Disease: A Review. Journal of Biological Sciences, 2017, 17, 247-254.	0.1	7
334	MiR-516a-3p is a Novel Mediator of Hepatocellular Carcinoma Oncogenic Activity and Cellular Metabolism. Engineering, 2022, 16, 162-175.	3.2	5
335	Lung cancer cells expressing a shortened <i>CDK16</i> 3′UTR escape senescence through impaired miRâ€485â€5p targeting. Molecular Oncology, 2022, 16, 1347-1364.	2.1	8
336	Tyrosine Kinases, microRNAs, Epigenetics: New Insights in the Mechanisms of Leukemogenesis. , 2018, , 11-25.		0
337	miRNA‑520c‑3p accelerates progression of nasopharyngeal carcinoma via targeting RAB22A. Oncology Letters, 2020, 19, 771-776.	0.8	1
338	Clinical significance of miR‑372 and miR‑495 in acute myeloid leukemia. Oncology Letters, 2020, 20, 1938-1944.	0.8	2
340	EBUS in optimizing non-small cell lung cancer diagnosis and treatment. Medicine and Pharmacy Reports, 2021, 94, 176-184.	0.2	4
341	MiR-548d-3p Promotes Gastric Cancer by Targeting RSK4. Cancer Management and Research, 2020, Volume 12, 13325-13337.	0.9	6
342	Circulating MicroRNA Expression Profiles in Patients with Stable and Unstable Angina. Clinics, 2020, 75, e1546.	0.6	4
344	Tumor-suppressive miR-99a inhibits cell proliferation via targeting of TNFAIP8 in osteosarcoma cells. American Journal of Translational Research (discontinued), 2016, 8, 1082-90.	0.0	22
345	Interplay between long noncoding RNA ZEB1-AS1 and miR-101/ZEB1 axis regulates proliferation and migration of colorectal cancer cells. American Journal of Translational Research (discontinued), 2018, 10, 605-617.	0.0	41
346	Transferrin receptor 1 in cancer: a new sight for cancer therapy. American Journal of Cancer Research, 2018, 8, 916-931.	1.4	108

#	Article	IF	CITATIONS
347	MiR-26b regulates 5-FU-resistance in human colorectal cancer via down-regulation of Pgp. American Journal of Cancer Research, 2018, 8, 2518-2527.	1.4	17
348	MiR-223-3p promotes the proliferation, invasion and migration of colon cancer cells by negative regulating PRDM1. American Journal of Translational Research (discontinued), 2019, 11, 4516-4523.	0.0	24
349	Downregulation of serum miR-26a predicts poor clinical outcome of papillary thyroid carcinoma. International Journal of Clinical and Experimental Pathology, 2017, 10, 9042-9047.	0.5	3
350	Research Progress on the Relationship Between Inflammation and Colorectal Cancer. Annals of Gastroenterological Surgery, 2022, 6, 204-211.	1.2	10
351	Role of miRNAs in Cancer Diagnostics and Therapy: A Recent Update. Current Pharmaceutical Design, 2022, 28, 471-487.	0.9	8
352	Circ_0000467 Exerts an Oncogenic Role in Colorectal Cancer via miR-330-5p-Dependent Regulation of TYRO3. Biochemical Genetics, 2022, , 1 .	0.8	8
353	Nanoparticulate strategies for theÂdelivery of miRNA mimics and inhibitors in anticancer therapy and its potential utility in oral submucous fibrosis. Nanomedicine, 2022, 17, 181-195.	1.7	10
354	Future Perspectives of Exosomal Payload of miRNAs in Lung Cancer. , 2022, , 1-22.		1
355	Role of autophagy in drug resistance and regulation of osteosarcoma (Review). Molecular and Clinical Oncology, 2022, 16, 72.	0.4	12
356	Biomarker Landscape in Neuroendocrine Tumors With High-Grade Features: Current Knowledge and Future Perspective. Frontiers in Oncology, 2022, 12, 780716.	1.3	4
357	Ferroptosis in Cancer Progression: Role of Noncoding RNAs. International Journal of Biological Sciences, 2022, 18, 1829-1843.	2.6	44
358	MiR-93-5p regulates tumorigenesis and tumor immunity by targeting PD-L1/CCND1 in breast cancer. Annals of Translational Medicine, 2022, 10, 203-203.	0.7	11
359	Exosomes as Nanocarriers for Theragnostic miRNA Markers in Nonsmall Cell Lung Cancer Therapy. Journal of Nanomaterials, 2022, 2022, 1-13.	1.5	0
366	Role of exosomes and its emerging therapeutic applications in the pathophysiology of non-infectious diseases. Biomarkers, 2022, 27, 534-548.	0.9	12
367	Reverses MDR-1 Mediated Doxorubicin Resistance via in Human Liver Cancer HepG2 Cells Cell Journal, 2022, 24, 112-119.	0.2	1
368	The Inhibitory Effect of Sulforaphane on The Proliferation of Acute Myeloid Leukemia Cell Lines through Controlling miR-181a Cell Journal, 2022, 24, 44-50.	0.2	0
370	Comprehensive microRNA-seq transcriptomic profiling across 11 organs, 4 ages, and 2 sexes of Fischer 344 rats. Scientific Data, 2022, 9, 201.	2.4	2
371	Peptide-based drug-delivery systems: A new hope for improving cancer therapy. Journal of Drug Delivery Science and Technology, 2022, 72, 103362.	1.4	5

#	Article	IF	Citations
372	Living Cell Nanoporation and Exosomal RNA Analysis Platform for Real-Time Assessment of Cellular Therapies. Journal of the American Chemical Society, 2022, 144, 9443-9450.	6.6	9
373	CircCEMIP promotes anoikis-resistance by enhancing protective autophagy in prostate cancer cells. Journal of Experimental and Clinical Cancer Research, 2022, 41, .	3.5	50
374	DisiMiR: Predicting Pathogenic miRNAs Using Network Influence and miRNA Conservation. Non-coding RNA, 2022, 8, 45.	1.3	0
376	Exosomal microRNAs (exoMIRs): micromolecules with macro impact in oral cancer. 3 Biotech, 2022, 12,	1.1	22
377	Identification of MiRNA–Disease Associations Based on Information of Multi-Module and Meta-Path. Molecules, 2022, 27, 4443.	1.7	1
378	Non-coding RNAs in lung cancer: emerging regulators of angiogenesis. Journal of Translational Medicine, 2022, 20, .	1.8	13
379	FOXN3 Expression Regulated by miR-299-5p Inhibiting the Proliferation, Migration and Invasion of Oral Squamous Cell Carcinoma Cells. Protein and Peptide Letters, 2022, 29, 788-795.	0.4	1
380	microRNA-206 prevents hepatocellular carcinoma growth and metastasis via down-regulating CREB5 and inhibiting the PI3K/AKT signaling pathway. Cell Cycle, 2022, 21, 2651-2663.	1.3	3
381	Recent advances of non-coding RNAs in ovarian cancer prognosis and therapeutics. Therapeutic Advances in Medical Oncology, 2022, 14, 175883592211180.	1.4	7
382	MicroRNAs, Key Regulators in Glioma Progression as Potential Therapeutic Targets for Chinese Medicine. The American Journal of Chinese Medicine, 0, , 1-27.	1.5	6
383	Recent Advances in Glioma Cancer Treatment: Conventional and Epigenetic Realms. Vaccines, 2022, 10, 1448.	2.1	3
384	Turning Tables for CRISPR/Cas9 Editing System: From Scratch to Advanced Delivery Platforms. , 2022, , 1-27.		1
385	Ferroptosis: A New Promising Target for Ovarian Cancer Therapy. International Journal of Medical Sciences, 2022, 19, 1847-1855.	1.1	7
386	The Implications of Noncoding RNAs in the Evolution and Progression of Nonalcoholic Fatty Liver Disease (NAFLD)-Related HCC. International Journal of Molecular Sciences, 2022, 23, 12370.	1.8	7
387	miRNA Expression May Have Implications for Immunotherapy in PDGFRA Mutant GISTs. International Journal of Molecular Sciences, 2022, 23, 12248.	1.8	1
388	Tumor-derived exosomal non-coding RNAs as diagnostic biomarkers in cancer. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	17
389	Biomarkers of Bladder Cancer: Cell-Free DNA, Epigenetic Modifications and Non-Coding RNAs. International Journal of Molecular Sciences, 2022, 23, 13206.	1.8	8
390	Loss of miR-637 promotes cancer cell stemness via WASH/IL-8 pathway and serves as a novel prognostic marker in esophageal squamous cell carcinoma. Biomarker Research, 2022, 10, .	2.8	1

#	Article	IF	CITATIONS
391	Future Perspectives of Exosomal Payload of miRNAs in Lung Cancer., 2022, , 1367-1388.		0
392	Impact of SOX2 function and regulation on therapy resistance in bladder cancer. Frontiers in Oncology, 0, 12, .	1.3	1
394	miR-96 and its versatile role in cancer. Advances in Cancer Biology Metastasis, 2023, 7, 100082.	1.1	0
395	Downregulated miRNA-491-3p accelerates colorectal cancer growth by increasing uMtCK expression. PeerJ, 0, 10, e14285.	0.9	0
396	Development of dynamical network biomarkers for regulation in Epstein-Barr virus positive peripheral T cell lymphoma unspecified type. Frontiers in Genetics, 0, 13, .	1.1	0
397	Recent advances in the roles of exosomal microRNAs in neuroblastoma. Frontiers in Oncology, 0, 12, .	1.3	0
398	NamiRNA-enhancer network of miR-492 activates the NR2C1-TGF-Î ² /Smad3 pathway to promote epithelial-mesenchymal transition of pancreatic cancer. Carcinogenesis, 2023, 44, 153-165.	1.3	3
399	Concern about the Effectiveness of mRNA Vaccination Technology and Its Long-Term Safety: Potential Interference on miRNA Machinery. International Journal of Molecular Sciences, 2023, 24, 1404.	1.8	2
400	The Role of miRNA in the Management of Localized and Advanced Renal Masses, a Narrative Review of the Literature. Applied Sciences (Switzerland), 2023, 13, 275.	1.3	5
401	Non-coding RNAs as potential biomarkers of gallbladder cancer. Clinical and Translational Oncology, 2023, 25, 1489-1511.	1.2	4
402	The Regulatory Mechanism of miR-574-5p Expression in Cancer. Biomolecules, 2023, 13, 40.	1.8	3
403	<scp>AL</scp> amyloidosis clonal plasma cells are regulated by <scp>microRNAs</scp> and dependent on antiâ€apoptotic <scp>BCL2</scp> family members. Cancer Medicine, 0, , .	1.3	1
404	Recent advances in the roles of exosomal microRNAs in neuroblastoma. Frontiers in Oncology, 0, 12, .	1.3	0
405	Hepatic Glucose Metabolism Disorder Induced by Adipose Tissue-Derived miR-548ag via DPP4 Upregulation. International Journal of Molecular Sciences, 2023, 24, 2964.	1.8	2
406	Recent Developments in Glioblastoma Therapy: Oncolytic Viruses and Emerging Future Strategies. Viruses, 2023, 15, 547.	1.5	15
407	Noncoding RNAs in asthmatic airway smooth muscle cells. European Respiratory Review, 2023, 32, 220184.	3.0	1
408	A Smart Nanoâ€Theranostic Platform Based on Dualâ€microRNAs Guided Selfâ€Feedback Tetrahedral Entropyâ€Driven DNA Circuit. Advanced Science, 2023, 10, .	5.6	4
427	Applications of "Omics―Sciences in the Laboratory. , 2023, , 683-691.		0

Article IF Citations