# CITATION REPORT List of articles citing

#### MicroRNAs in cancer

DOI: 10.1146/annurev.pathol.4.110807.092222 Annual Review of Pathology: Mechanisms of Disease, 2009, 4, 199-227.

Source: https://exaly.com/paper-pdf/46559827/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1047	Emerging role of microRNAs in liver diseases. <b>2009</b> , 15, 5633-40		116
1046	Investigating Gene and MicroRNA Expression in Glioblastoma. 2009,		
1045	A novel class of small RNAs: tRNA-derived RNA fragments (tRFs). <b>2009</b> , 23, 2639-49		719
1044	Circulating microRNAs, potential biomarkers for drug-induced liver injury. 2009, 106, 4402-7		964
1043	Mucins: a new family of epigenetic biomarkers in epithelial cancers. <b>2009</b> , 3, 411-27		12
1042	Functional links between clustered microRNAs: suppression of cell-cycle inhibitors by microRNA clusters in gastric cancer. <b>2009</b> , 37, 1672-81		393
1041	Differential expression of microRNAs in Marek's disease virus-transformed T-lymphoma cell lines. <b>2009</b> , 90, 1551-1559		54
1040	Detection of cancer with serum miRNAs on an oligonucleotide microarray. <b>2009</b> , 4, e6229		320
1039	miR-181a regulates cap-dependent translation of p27(kip1) mRNA in myeloid cells. <b>2009</b> , 29, 2841-51		60
1038	MicroRNA: Biogenesis, Regulation, and Role in Primary Brain Tumors. <b>2009</b> , 327-354		1
1037	C19MC microRNAs are processed from introns of large Pol-II, non-protein-coding transcripts. <b>2009</b> , 37, 3464-73		185
1036	miR-29 miRNAs activate p53 by targeting p85 alpha and CDC42. <b>2009</b> , 16, 23-9		541
1035	Regulation of miRNA expression by Src and contact normalization: effects on nonanchored cell growth and migration. <b>2009</b> , 28, 4272-83		55
1034	Polycomb group protein gene silencing, non-coding RNA, stem cells, and cancer. 2009, 87, 711-46		66
1033	MicroRNAs: novel regulators in the hallmarks of human cancer. <b>2009</b> , 285, 116-26		351
1032	Enzymatic preparation of an artificial microRNA library. <b>2009</b> , 390, 791-6		5
1031	MicroRNA dysregulation during chemical carcinogenesis. <b>2009</b> , 1, 281-90		20

# (2010-2009)

1030	Identification of a novel microRNA cluster miR-193b-365 in multiple myeloma. <b>2009</b> , 50, 1865-71	48
1029	MicroRNAs: tools for cancer diagnostics. <b>2009</b> , 58, 1546-54	91
1028	microRNA: a master regulator of cellular processes for bioengineering systems. <b>2010</b> , 12, 1-27	176
1027	CTNNB1 gene mutations, pituitary transcription factors, and MicroRNA expression involvement in the pathogenesis of adamantinomatous craniopharyngiomas. <b>2010</b> , 1, 187-96	37
1026	Marek's disease virus-encoded microRNAs: genomics, expression and function. <b>2010</b> , 53, 1174-80	22
1025	The tumor microenvironment and DNA repair. <b>2010</b> , 20, 282-7	37
1024	UFFizi: a generic platform for ranking informative features. <b>2010</b> , 11, 300	2
1023	A Bayesian approach for identifying miRNA targets by combining sequence prediction and gene expression profiling. <b>2010</b> , 11 Suppl 3, S12	8
1022	Investigation gene and microRNA expression in glioblastoma. <b>2010</b> , 11 Suppl 3, S16	33
1021	The role of microRNAs in ovarian cancer initiation and progression. <b>2010</b> , 14, 2240-9	39
1020	Exploring chemical modifications for siRNA therapeutics: a structural and functional outlook. <b>2010</b> , 5, 328-49	153
1019	Down-regulation of dicer expression in ovarian cancer tissues. <b>2010</b> , 43, 324-7	88
1018	The microRNA pathway and cancer. <b>2010</b> , 101, 2309-15	183
1017	Hypoxia-regulated microRNA-210 modulates mitochondrial function and decreases ISCU and COX10 expression. <b>2010</b> , 29, 4362-8	295
1016	The miR-34 family in cancer and apoptosis. <b>2010</b> , 17, 193-9	978
1015	Identification and functional characterization of microRNAs involved in the malignant progression of gliomas. <b>2010</b> , 20, 539-50	287
1015		287 48

1012 microRNA expression patterns reveal differential expression of target genes with age. <b>2010</b> , 5, e10724	267
1011 New Ideas for in Vivo Detection of RNA. <b>2010</b> ,	3
1010 Non-coding RNAs: identification of cancer-associated microRNAs by gene profiling. <b>2010</b> , 9, 123-38	59
1009 Emerging paradigms of regulated microRNA processing. <b>2010</b> , 24, 1086-92	167
MiR-322/424 and -503 are induced during muscle differentiation and promote cell cycle quiescence and differentiation by down-regulation of Cdc25A. <b>2010</b> , 21, 2138-49	165
MicroRNA-148/152 impair innate response and antigen presentation of TLR-triggered dendritic cells by targeting CaMKIIH <b>2010</b> , 185, 7244-51	216
Suitable reference genes for relative quantification of miRNA expression in prostate cancer. <b>2010</b> , 42, 749-58	89
A minicircuitry involving REST and CREB controls miR-9-2 expression during human neuronal differentiation. <b>2010</b> , 38, 6895-905	99
1004 microRNA-34a is tumor suppressive in brain tumors and glioma stem cells. <b>2010</b> , 9, 1031-6	250
Structure, function, regulation and polymorphism and the clinical significance of human cytochrome P450 1A2. <b>2010</b> , 42, 268-354	186
1002 Genomic medicinean updated primer. <b>2010</b> , 362, 2001-11	354
1001 A splicing-independent function of SF2/ASF in microRNA processing. <b>2010</b> , 38, 67-77	150
1000 Le monde complexe et mouvant des ARN. Seconde partie : les microARNs. <b>2010</b> , 25, 219-240	1
MiR-150 promotes gastric cancer proliferation by negatively regulating the pro-apoptotic gene EGR2. <b>2010</b> , 392, 340-5	196
Cross-talk between miRNA and Notch signaling pathways in tumor development and progression. <b>2010</b> , 292, 141-8	109
997 Alterations of MicroRNAs in Solid Cancers and Their Prognostic Value. <b>2010</b> , 2, 1328-53	15
996 The role of MicroRNA in chemical carcinogenesis. <b>2010</b> , 28, 89-124	53
995 MicroRNAs in embryonic stem cell function and fate. <b>2010</b> , 24, 2732-41	77

# (2011-2011)

994	miR-99 family of MicroRNAs suppresses the expression of prostate-specific antigen and prostate cancer cell proliferation. <b>2011</b> , 71, 1313-24	195
993	Recovery of MicroRNA from Stored Human Peripheral Blood Samples. <b>2011</b> , 9, 29-33	5
992	Genomic instability and mouse microRNAs. <b>2011</b> , 21, 325-33	6
991	MicroRNAs in Cancer Invasion and Metastasis. <b>2011</b> , 389-413	1
990	Analysis of the Conservative Motifs in Promoters of miRNA Genes, Expressed in Different Tissues of Mammalians. <b>2011</b> , 325-340	
989	Profiling the miRNome: Detecting Global miRNA Expression Levels with DNA Microarrays. <b>2011</b> , 91-111	
988	DNA methylation and cancer. <b>2011</b> , 67, 1-23	81
987	Development of a microRNA-based molecular assay for the detection of papillary thyroid carcinoma in aspiration biopsy samples. <b>2011</b> , 21, 111-8	89
986	Circulating microRNA-26a: potential predictors and therapeutic targets for non-hypertensive intracerebral hemorrhage. <b>2011</b> , 77, 488-90	17
985	Small molecules with big effects: the role of the microRNAome in cancer and carcinogenesis. <b>2011</b> , 722, 94-105	98
984	Human cancer classification: a systems biology- based model integrating morphology, cancer stem cells, proteomics, and genomics. <b>2011</b> , 2, 107-15	26
983	The Role of MicroRNAs in Regulatory T Cells and in the Immune Response. <b>2011</b> , 11, 11-41	95
982	MicroRNAs in Human Diseases: From Cancer to Cardiovascular Disease. <b>2011</b> , 11, 135-54	231
981	Haemolysis during sample preparation alters microRNA content of plasma. <b>2011</b> , 6, e24145	380
980	Targeting epigenetic regulation of miR-34a for treatment of pancreatic cancer by inhibition of pancreatic cancer stem cells. <b>2011</b> , 6, e24099	204
979	MicroRNA and diseases of the nervous system. <b>2011</b> , 69, 440-54	7
978	A Parallel Study of mRNA and microRNA Profiling of Peripheral Blood in Young Adult Women. <b>2011</b> , 2, 49	19
977	Molecular biomarkers in malignant mesothelioma: state of the art. <b>2011</b> , 43, 201-12	14

976	Systematic exploration of cancer-associated microRNA through functional screening assays. <b>2011</b> , 102, 1615-21	16
975	Circulating microRNAs: Association with disease and potential use as biomarkers. <b>2011</b> , 80, 193-208	372
974	Cyclin T2: a novel miR-15a target gene involved in early spermatogenesis. <b>2011</b> , 585, 2493-500	23
973	Assessment of nanomaterial cytotoxicity with SOLiD sequencing-based microRNA expression profiling. <b>2011</b> , 32, 9021-30	62
972	MicroRNA replacement therapy for miR-145 and miR-33a is efficacious in a model of colon carcinoma. <b>2011</b> , 71, 5214-24	313
971	Expression profile of microRNAs and mRNAs in human placentas from pregnancies complicated by preeclampsia and preterm labor. <b>2011</b> , 18, 46-56	208
970	Reducing the risk of overdiagnosis in lung cancer: a support from molecular biology. <b>2011</b> , 226, 2213-4	7
969	MicroRNA-29b suppresses tumor angiogenesis, invasion, and metastasis by regulating matrix metalloproteinase 2 expression. <b>2011</b> , 54, 1729-40	239
968	Anti-miR-203 Upregulates SOCS3 Expression in Breast Cancer Cells and Enhances Cisplatin Chemosensitivity. <b>2011</b> , 2, 720-7	103
967	Integration of statistical models and visualization tools to characterize microRNA networks influencing cancer. <b>2011</b> ,	
966	A KLF4-miRNA-206 autoregulatory feedback loop can promote or inhibit protein translation depending upon cell context. <b>2011</b> , 31, 2513-27	87
965	MicroRNAs and Multiple Sclerosis. <b>2010</b> , 2011, 807426	43
964	miR-483-3p controls proliferation in wounded epithelial cells. <b>2011</b> , 25, 3092-105	68
963	MicroRNA-296 is enriched in cancer cells and downregulates p21WAF1 mRNA expression via interaction with its 3' untranslated region. <b>2011</b> , 39, 8078-91	36
962	NF- <b>B</b> targets miR-16 and miR-21 in gastric cancer: involvement of prostaglandin E receptors. <b>2011</b> , 32, 240-5	129
961	Expression profiles of microRNAs encoded by the oncogenic Marek's disease virus reveal two distinct expression patterns in vivo during different phases of disease. <b>2011</b> , 92, 608-20	23
960	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. <b>2011</b> , 286, 11837-48	213
959	Hepatitis B virus X protein downregulates expression of the miR-16 family in malignant hepatocytes in vitro. <b>2011</b> , 105, 146-53	69

#### (2012-2011)

958	Hypoxia-microRNA-16 downregulation induces VEGF expression in anaplastic lymphoma kinase (ALK)-positive anaplastic large-cell lymphomas. <b>2011</b> , 25, 1882-90	97
957	p53 and microRNA-34 are suppressors of canonical Wnt signaling. <b>2011</b> , 4, ra71	233
956	MicroRNA-204 critically regulates carcinogenesis in malignant peripheral nerve sheath tumors. <b>2012</b> , 14, 1007-17	47
955	Progress in personalizing chemotherapy for bladder cancer. <b>2012</b> , 2012, 364919	15
954	MicroRNAs in cancer: small molecules, big chances. <b>2012</b> , 12, 733-43	25
953	MiR-365 regulates lung cancer and developmental gene thyroid transcription factor 1. <b>2012</b> , 11, 177-86	68
952	Anticancer drug design using scaffolds of Elactams, sulfonamides, quinoline, quinoxaline and natural products. Drugs advances in clinical trials. <b>2012</b> , 19, 4377-98	46
951	miR-93/106b and their host gene, MCM7, are differentially expressed in leiomyomas and functionally target F3 and IL-8. <b>2012</b> , 26, 1028-42	78
950	Epstein-Barr nuclear antigen 1 induces expression of the cellular microRNA hsa-miR-127 and impairing B-cell differentiation in EBV-infected memory B cells. New insights into the pathogenesis of Burkitt lymphoma. <b>2012</b> , 2, e84	41
949	Estradiol regulates miR-135b and mismatch repair gene expressions via estrogen receptor-lin colorectal cells. <b>2012</b> , 44, 723-32	27
948	MicroRNA-205 functions as a tumor suppressor in human glioblastoma cells by targeting VEGF-A. <b>2012</b> , 27, 1200-6	88
947	microRNA-21 overexpression contributes to cell proliferation by targeting PTEN in endometrioid endometrial cancer. <b>2012</b> , 4, 1290-1296	69
946	Do miRNAs have a deep evolutionary history?. <b>2012</b> , 34, 857-66	77
945	Detection of gastric cancer-associated microRNAs on microRNA microarray comparing pre- and post-operative plasma. <b>2012</b> , 106, 740-7	154
944	MiRNA-34 intrinsically links p53 tumor suppressor and Wnt signaling. <b>2012</b> , 11, 1273-81	94
943	Perturbation of 14q32 miRNAs-cMYC gene network in osteosarcoma. <b>2012</b> , 50, 171-81	113
942	Genome-wide microRNA profiles identify miR-378 as a serum biomarker for early detection of gastric cancer. <b>2012</b> , 316, 196-203	223
941	Non-coding RNAs in hepatitis B or C-associated hepatocellular carcinoma: potential diagnostic and prognostic markers and therapeutic targets. <b>2012</b> , 321, 1-12	30

940	MCP-1-induced protein-1, an immune regulator. <b>2012</b> , 3, 903-10	23
939	Novel Dysregulated MicroRNAs in Primary Laryngeal Squamous Cell Cancer. <b>2012</b> , 3, 76-81	1
938	MicroRNA 17-92 expressed by a transposone-based vector changes expression level of cell-cycle-related genes. <b>2012</b> , 36, 1005-12	21
937	miR-124, miR-137 and miR-340 regulate colorectal cancer growth via inhibition of the Warburg effect. <b>2012</b> , 28, 1346-52	122
936	PROGmiR: a tool for identifying prognostic miRNA biomarkers in multiple cancers using publicly available data. <b>2012</b> , 2, 23	49
935	Forced expression of miR-143 represses ERK5/c-Myc and p68/p72 signaling in concert with miR-145 in gut tumors of Apc(Min) mice. <b>2012</b> , 7, e42137	37
934	Computational analysis of mRNA expression profiles identifies microRNA-29a/c as predictor of colorectal cancer early recurrence. <b>2012</b> , 7, e31587	54
933	A systematic screen reveals MicroRNA clusters that significantly regulate four major signaling pathways. <b>2012</b> , 7, e48474	24
932	MiR-155 induction by microbes/microbial ligands requires NF- <b>B</b> -dependent de novo protein synthesis. <b>2012</b> , 2, 73	28
931	The role of microRNAs in glioma initiation and progression. <b>2012</b> , 17, 700-12	83
931	The role of microRNAs in glioma initiation and progression. <b>2012</b> , 17, 700-12  The altered expression of MiR-221/-222 and MiR-23b/-27b is associated with the development of human castration resistant prostate cancer. <b>2012</b> , 72, 1093-103	8 <sub>3</sub>
	The altered expression of MiR-221/-222 and MiR-23b/-27b is associated with the development of	
930	The altered expression of MiR-221/-222 and MiR-23b/-27b is associated with the development of human castration resistant prostate cancer. <b>2012</b> , 72, 1093-103  An oncogenic role of miR-142-3p in human T-cell acute lymphoblastic leukemia (T-ALL) by targeting	65
930	The altered expression of MiR-221/-222 and MiR-23b/-27b is associated with the development of human castration resistant prostate cancer. 2012, 72, 1093-103  An oncogenic role of miR-142-3p in human T-cell acute lymphoblastic leukemia (T-ALL) by targeting glucocorticoid receptor-and cAMP/PKA pathways. 2012, 26, 769-77  Down-regulated expression of family with sequence similarity 3, member B (FAM3B), in oral	65
930 929 928	The altered expression of MiR-221/-222 and MiR-23b/-27b is associated with the development of human castration resistant prostate cancer. 2012, 72, 1093-103  An oncogenic role of miR-142-3p in human T-cell acute lymphoblastic leukemia (T-ALL) by targeting glucocorticoid receptor-and camp/PKA pathways. 2012, 26, 769-77  Down-regulated expression of family with sequence similarity 3, member B (FAM3B), in oral squamous cell carcinoma. 2012, 9, 9-16	65 130 11
930 929 928 927	The altered expression of MiR-221/-222 and MiR-23b/-27b is associated with the development of human castration resistant prostate cancer. 2012, 72, 1093-103  An oncogenic role of miR-142-3p in human T-cell acute lymphoblastic leukemia (T-ALL) by targeting glucocorticoid receptor-fand cAMP/PKA pathways. 2012, 26, 769-77  Down-regulated expression of family with sequence similarity 3, member B (FAM3B), in oral squamous cell carcinoma. 2012, 9, 9-16  Microribonucleic acids and gastric cancer. 2012, 103, 620-5  Identification of a novel role of ESAT-6-dependent miR-155 induction during infection of	65 130 11
930 929 928 927 926	The altered expression of MiR-221/-222 and MiR-23b/-27b is associated with the development of human castration resistant prostate cancer. 2012, 72, 1093-103  An oncogenic role of miR-142-3p in human T-cell acute lymphoblastic leukemia (T-ALL) by targeting glucocorticoid receptor-End cAMP/PKA pathways. 2012, 26, 769-77  Down-regulated expression of family with sequence similarity 3, member B (FAM3B), in oral squamous cell carcinoma. 2012, 9, 9-16  Microribonucleic acids and gastric cancer. 2012, 103, 620-5  Identification of a novel role of ESAT-6-dependent miR-155 induction during infection of macrophages with Mycobacterium tuberculosis. 2012, 14, 1620-31	65 130 11 19 113

922	A miR-34a-SIRT6 axis in the squamous cell differentiation network. <b>2013</b> , 32, 2248-63	105
921	Compartmentalized, functional role of angiogenin during spotted fever group rickettsia-induced endothelial barrier dysfunction: evidence of possible mediation by host tRNA-derived small noncoding RNAs. <b>2013</b> , 13, 285	31
920	Potentiality of a triple microRNA classifier: miR-193a-3p, miR-23a and miR-338-5p for early detection of colorectal cancer. <b>2013</b> , 13, 280	142
919	The role of microRNAs in medulloblastoma. <b>2013</b> , 30, 367-78	14
918	Expression of microRNA-184 in keratinocytes represses argonaute 2. <b>2013</b> , 228, 2314-23	29
917	Role of Intracellular and Extracellular MicroRNA-92a in Colorectal Cancer. <b>2013</b> , 6, 482-92	45
916	Identification of nilotinib-altered microRNA expression patterns in imatinib-resistant chronic myeloid leukemia cells. <b>2013</b> , 5, 71-73	1
915	miR-146b-5p inhibits glioma migration and invasion by targeting MMP16. <b>2013</b> , 339, 260-9	100
914	MicroRNA-222 promotes tumorigenesis via targeting DKK2 and activating the Wnt/Etatenin signaling pathway. <b>2013</b> , 587, 1742-8	31
913	MicroRNA-124 suppresses growth of human hepatocellular carcinoma by targeting STAT3. <b>2013</b> , 441, 873-9	66
912	Targeted Sequencing Strategies in Cancer Research. <b>2013</b> , 137-163	2
911	MicorRNA 106b ~ 25 cluster and gastric cancer. <b>2013</b> , 22, e7-10	24
910	MicroRNAs induced in melanoma treated with combination targeted therapy of Temsirolimus and Bevacizumab. <b>2013</b> , 11, 218	21
909	Circulating microRNA expression profile and systemic right ventricular function in adults after atrial switch operation for complete transposition of the great arteries. <b>2013</b> , 13, 73	24
908	Crosstalk between microRNAs and Epigenetics: From the Nutritional Perspective. 2013, 319-341	
907	Exploration of microRNA Genomic Variation Associated with Common Human Diseases. 2013, 309-316	O
906	Breast Cancer. <b>2013</b> , 707-713	
905	Diagnosis and Assessment of Microbial Infections with Host and Microbial microRNA Profiles. <b>2013</b> , 891-909	1

904	miR-17-5p/20a are important markers for gastric cancer and murine double minute 2 participates in their functional regulation. <b>2013</b> , 49, 2010-21	67
903	Promoter polymorphisms of pri-miR-34b/c are associated with hepatocellular carcinoma. <b>2013</b> , 524, 156-60	53
902	MicroRNA-21 gene and cancer. <b>2013</b> , 30, 376	70
901	Epstein-Barr virus interactions with the Bcl-2 protein family and apoptosis in human tumor cells. <b>2013</b> , 14, 8-24	21
900	Transcriptional and epigenetic regulation of human microRNAs. 2013, 331, 1-10	99
899	Potential of anti-cancer therapy based on anti-miR-155 oligonucleotides in glioma and brain tumours. <b>2013</b> , 81, 79-84	25
898	Detection methods for microRNAs in clinic practice. <b>2013</b> , 46, 869-78	103
897	Differential expression of MicroRNAs in patients with glioblastoma after concomitant chemoradiotherapy. <b>2013</b> , 17, 259-68	14
896	micro RNAs as Therapeutic Agents and Targets. <b>2013</b> , 439-482	1
895	Label-free microRNA detection based on exchange-induced remnant magnetization. 2013, 49, 5183-5	13
894	Effect of miR-122 and its target gene cationic amino acid transporter 1 on colorectal liver metastasis. <b>2013</b> , 104, 624-30	45
893	The miR-99 family regulates the DNA damage response through its target SNF2H. <b>2013</b> , 32, 1164-72	109
892	MicroRNA: function, detection, and bioanalysis. <b>2013</b> , 113, 6207-33	780
891	miRNAs and cancer: an epigenetics view. <b>2013</b> , 34, 863-74	115
890	Lipoxins attenuate renal fibrosis by inducing let-7c and suppressing TGFR1. 2013, 24, 627-37	125
889	Structural basis for the selective permeability of channels made of communicating junction proteins. <b>2013</b> , 1828, 51-68	46
888	Oncogenic B-Raf signaling in melanoma cells controls a network of microRNAs with combinatorial functions. <b>2013</b> , 32, 1959-70	42
887	MicroRNA-195 targets ADP-ribosylation factor-like protein 2 to induce apoptosis in human embryonic stem cell-derived neural progenitor cells. <b>2013</b> , 4, e695	35

# (2013-2013)

886	MicroRNA-125b promotes apoptosis by regulating the expression of Mcl-1, Bcl-w and IL-6R. <b>2013</b> , 32, 3071-9	154
885	miR-26a inhibits invasion and metastasis of nasopharyngeal cancer by targeting EZH2. <b>2013</b> , 5, 1223-1228	67
884	miR-7 suppresses brain metastasis of breast cancer stem-like cells by modulating KLF4. <b>2013</b> , 73, 1434-44	212
883	Dampening the signals transduced through hedgehog via microRNA miR-7 facilitates notch-induced tumourigenesis. <b>2013</b> , 11, e1001554	23
882	Prognostic role of microRNA polymorphisms in advanced gastric cancer: a translational study of the Arbeitsgemeinschaft Internistische Onkologie (AIO). <b>2013</b> , 24, 2581-2588	31
881	Clinical relevance of miRNAs in cancer. <b>2013</b> , 42-62	
880	MicroRNA in Human Glioma. <b>2013</b> , 5, 1306-31	38
879	MicroRNA expression differs in cutaneous squamous cell carcinomas and healthy skin of immunocompetent individuals. <b>2013</b> , 22, 426-8	40
878	Tumor suppressor function of miR-483-3p on squamous cell carcinomas due to its pro-apoptotic properties. <b>2013</b> , 12, 2183-93	50
877	Genomic and epigenomic cross-talks in the regulatory landscape of miRNAs in breast cancer. <b>2013</b> , 11, 315-28	44
876	Neuroprotective effects of microRNA-210 against oxygen-glucose deprivation through inhibition of apoptosis in PC12 cells. <b>2013</b> , 7, 1955-9	32
875	CXCR4 downregulation of let-7a drives chemoresistance in acute myeloid leukemia. <b>2013</b> , 123, 2395-407	147
874	Regulation of Animal Gene Expression by Ingested Plant Small RNAs. 2013, 1-15	
873	Upregulation of miR-150* and miR-630 induces apoptosis in pancreatic cancer cells by targeting IGF-1R. <b>2013</b> , 8, e61015	73
872	Oncomir miR-125b suppresses p14(ARF) to modulate p53-dependent and p53-independent apoptosis in prostate cancer. <b>2013</b> , 8, e61064	66
871	Down-regulation of miR-129-5p inhibits growth and induces apoptosis in laryngeal squamous cell carcinoma by targeting APC. <b>2013</b> , 8, e77829	57
870	MicroRNA-17, 20a regulates the proangiogenic function of tumor-associated macrophages via targeting hypoxia-inducible factor 2⊞ <b>2013</b> , 8, e77890	16
869	Micromanaging abdominal aortic aneurysms. <b>2013</b> , 14, 14374-94	23

868	miR-20b, miR-98, miR-125b-1*, and let-7e* as new potential diagnostic biomarkers in ulcerative colitis. <b>2013</b> , 19, 4289-99	67
867	A microRNA signature associated with early recurrence in breast cancer. <b>2014</b> , 9, e91884	64
866	Reduced miR-126 expression facilitates angiogenesis of gastric cancer through its regulation on VEGF-A. <b>2014</b> , 5, 11873-85	104
865	MicroRNAs in nasopharyngeal carcinoma. <b>2014</b> , 33, 539-44	30
864	Tumor suppressor micro RNA miR-145 and onco micro RNAs miR-21 and miR-222 expressions are differentially modulated by hepatitis B virus X protein in malignant hepatocytes. <b>2014</b> , 14, 721	42
863	Dissecting the chromatin interactome of microRNA genes. <b>2014</b> , 42, 3028-43	22
862	The expression of microRNA-375 in plasma and tissue is matched in human colorectal cancer. <b>2014</b> , 14, 714	60
861	miR-101 inhibits cell proliferation by targeting Rac1 in papillary thyroid carcinoma. <b>2014</b> , 2, 122-126	34
860	In situ hybridization-based detection of microRNAs in human diseases. <b>2014</b> , 1,	1
859	microRNA expression patterns across seven cancers are highly correlated and dominated by evolutionarily ancient families. <b>2014</b> , 2, 384-387	5
858	Detection of magnetic nanomaterials in molecular imaging and diagnosis applications. <b>2014</b> , 3,	8
857	MicroRNAs in the Regulation of MMPs and Metastasis. <b>2014</b> , 6, 625-45	42
856	The RNA-binding protein DDX1 promotes primary microRNA maturation and inhibits ovarian tumor progression. <b>2014</b> , 8, 1447-60	71
855	Novel blood-based microRNA biomarker panel for early diagnosis of pancreatic cancer. <b>2014</b> , 6, 22-33	83
854	An investigation into anti-proliferative effects of microRNAs encoded by the miR-106a-363 cluster on human carcinoma cells and keratinocytes using microarray profiling of miRNA transcriptomes. <b>2014</b> , 5, 246	17
853	Detecting Dysregulated Processes and Pathways. <b>2014</b> , 309-334	
852	MicroRNA218 inhibits glioma migration and invasion via inhibiting glioma-associated oncogene homolog 1 expression at N terminus. <b>2014</b> , 35, 3831-7	14
851	Reductions in the expression of miR-124-3p, miR-128-1, and miR-221-3p in pediatric astrocytomas are related to high-grade supratentorial, and recurrent tumors in Mexican children. <b>2014</b> , 30, 1173-81	8

# (2014-2014)

850	MicroRNA-362 induces cell proliferation and apoptosis resistance in gastric cancer by activation of NF- <b>B</b> signaling. <b>2014</b> , 12, 33	82
849	The roles of microRNAs in neuroblastoma. <b>2014</b> , 10, 10-6	25
848	Emerging trends of long non-coding RNAs in gene activation. <b>2014</b> , 281, 34-45	34
847	Restoring TGFII pathway-related microRNAs: possible impact in metastatic prostate cancer development. <b>2014</b> , 35, 6245-53	22
846	Isolation of circulating microRNAs from microvesicles found in human plasma. <b>2014</b> , 1102, 641-53	26
845	Pathogenesis of abdominal aortic aneurysms: microRNAs, proteases, genetic associations. <b>2014</b> , 65, 49-62	48
844	(6)-Gingerolinduced myeloid leukemia cell death is initiated by reactive oxygen species and activation of miR-27b expression. <b>2014</b> , 68, 288-301	41
843	Circulating miR-192 in liver fluke-associated cholangiocarcinoma patients: a prospective prognostic indicator. <b>2014</b> , 21, 864-72	54
842	U6 is not a suitable endogenous control for the quantification of circulating microRNAs. <b>2014</b> , 454, 210-4	159
841	Hypoxia-mediated downregulation of miRNA biogenesis promotes tumour progression. <b>2014</b> , 5, 5202	130
840	MicroRNAs 206 and 21 cooperate to promote RAS-extracellular signal-regulated kinase signaling by suppressing the translation of RASA1 and SPRED1. <b>2014</b> , 34, 4143-64	48
839	microRNA-148a is a prognostic oncomiR that targets MIG6 and BIM to regulate EGFR and apoptosis in glioblastoma. <b>2014</b> , 74, 1541-53	90
838	The miRNA network: micro-regulator of cell signaling in cancer. <b>2014</b> , 14, 1515-27	22
837	Multiple receptor tyrosine kinases converge on microRNA-134 to control KRAS, STAT5B, and glioblastoma. <b>2014</b> , 21, 720-34	60
836	miRNA regulation in the context of functional protein networks: principles and applications. <b>2014</b> , 6, 189-99	6
835	MicroRNA-199a mediates mucin 1 expression in mouse uterus during implantation. <b>2014</b> , 26, 653-64	12
834	Detection of microRNA in tumor cells using exonuclease III and graphene oxide-regulated signal amplification. <b>2014</b> , 6, 21780-7	42
833	MicroRNAs as potential biomarkers in diseases and toxicology. <b>2014</b> , 764-765, 46-57	45

832	Involvement of miRNAs in the early phase of halothane-induced liver injury. 2014, 319, 75-84	16
831	Virus-encoded miR-155 ortholog is an important potential regulator but not essential for the development of lymphomas induced by very virulent Marek's disease virus. <b>2014</b> , 448, 55-64	32
830	Dysregulation of the miR-324-5p-CUEDC2 axis leads to macrophage dysfunction and is associated with colon cancer. <b>2014</b> , 7, 1982-93	49
829	MicroRNA and diseases: therapeutic potential as new generation of drugs. <b>2014</b> , 104, 12-26	41
828	Use of blood-based biomarkers for early diagnosis and surveillance of colorectal cancer. <b>2014</b> , 6, 83-97	54
827	MicroRNA regulation network in colorectal cancer metastasis. <b>2014</b> , 5, 301-7	28
826	Role of 3'-untranslated region translational control in cancer development, diagnostics and treatment. <b>2014</b> , 5, 40-57	25
825	MicroRNA-608 and microRNA-34a regulate chordoma malignancy by targeting EGFR, Bcl-xL and MET. <b>2014</b> , 9, e91546	68
824	TIP30: A Novel Tumor-Suppressor Gene. <b>2014</b> , 22, 339-48	7
823	The regulatory and predictive functions of miR-17 and miR-92 families on cisplatin resistance of non-small cell lung cancer. <b>2015</b> , 15, 731	39
822	Burkitt lymphoma beyond MYC translocation: N-MYC and DNA methyltransferases dysregulation. <b>2015</b> , 15, 668	21
821	Anti-cancer drugs reactivate tumor suppressor miR-375 expression in tongue cancer cells. <b>2015</b> , 116, 836-43	14
820	Persistence of smoking-induced dysregulation of miRNA expression in the small airway epithelium despite smoking cessation. <b>2015</b> , 10, e0120824	48
819	MicroRNAs as potential targets for progressive pulmonary fibrosis. <b>2015</b> , 6, 254	74
818	MicroRNA biomarker identification for pediatric acute myeloid leukemia based on a novel bioinformatics model. <b>2015</b> , 6, 26424-36	43
817	Lgr5 expression, cancer stem cells and pancreatic cancer: results from biological and computational analyses. <b>2015</b> , 11, 1037-45	8
816	miR-25 promotes glioma cell proliferation by targeting CDKN1C. <b>2015</b> , 71, 7-14	36
815	Organ-specific PTB1-associated microRNAs determine expression of pyruvate kinase isoforms. <b>2015</b> , 5, 8647	38

814 Small RNA Sequencing for Squamous Cell Carcinoma Research. **2015**, 267-277

813	A Systematic Approach to Defining the microRNA Landscape in Metastasis. <b>2015</b> , 75, 3010-9	47
812	microRNAs and Endometrial Pathophysiology. <b>2015</b> , 887, 143-55	2
811	MicroRNA-206 attenuates tumor proliferation and migration involving the downregulation of NOTCH3 in colorectal cancer. <b>2015</b> , 33, 1402-10	61
810	MicroRNA-144 affects radiotherapy sensitivity by promoting proliferation, migration and invasion of breast cancer cells. <b>2015</b> , 34, 1845-52	47
809	The significance of the individual Meq-clustered miRNAs of Marek's disease virus in oncogenesis. <b>2015</b> , 96, 637-649	17
808	Over-expression of cofilin-1 suppressed growth and invasion of cancer cells is associated with up-regulation of let-7 microRNA. <b>2015</b> , 1852, 851-61	30
807	MicroRNA expression profiling and functional annotation analysis of their targets associated with the malignant transformation of oral leukoplakia. <b>2015</b> , 558, 271-7	16
806	MicroRNAs in Pancreas and Islet Development. <b>2015</b> , 401-418	1
805	High-Mobility Group Box 1 Promotes Hepatocellular Carcinoma Progression through miR-21-Mediated Matrix Metalloproteinase Activity. <b>2015</b> , 75, 1645-56	68
804	Down regulation of miR-202 modulates Mxd1 and Sin3A repressor complexes to induce apoptosis of pancreatic cancer cells. <b>2015</b> , 16, 115-24	30
803	Effects of an 11-nm DMSA-coated iron nanoparticle on the gene expression profile of two human cell lines, THP-1 and HepG2. <b>2015</b> , 13, 3	13
802	Quantitative assessment of miR34a as an independent prognostic marker in breast cancer. <b>2015</b> , 112, 61-8	23
801	The expression of microRNA-34a is inversely correlated with c-MET and CDK6 and has a prognostic significance in lung adenocarcinoma patients. <b>2015</b> , 36, 9327-37	17
800	The regulatory loop of COMP1 and HNF-4-miR-150-p27 in various signaling pathways. <b>2015</b> , 9, 195-200	
799	Positive feedback of DDX6/c-Myc/PTB1 regulated by miR-124 contributes to maintenance of the Warburg effect in colon cancer cells. <b>2015</b> , 1852, 1971-80	40
798	Function and significance of MicroRNAs in benign and malignant human stem cells. <b>2015</b> , 35, 200-11	14
797	Identification and Functional Validation of Reciprocal microRNA-mRNA Pairings in African American Prostate Cancer Disparities. <b>2015</b> , 21, 4970-84	49

796	Identification of miRNAs contributing to neuroblastoma chemoresistance. <b>2015</b> , 13, 307-19	17
795	AC1MMYR2 impairs high dose paclitaxel-induced tumor metastasis by targeting miR-21/CDK5 axis. <b>2015</b> , 362, 174-82	39
794	MicroRNA-124 inhibits cancer cell growth through PTB1/PKM1/PKM2 feedback cascade in colorectal cancer. <b>2015</b> , 363, 17-27	122
793	Enzyme-free and isothermal detection of microRNA based on click-chemical ligation-assisted hybridization coupled with hybridization chain reaction signal amplification. <b>2015</b> , 407, 4165-72	18
792	Determining differentially expressed miRNAs and validating miRNAtarget relationships using the SPRET/Ei mouse strain. <b>2015</b> , 26, 94-107	5
791	The role of miR-125b-mitochondria-caspase-3 pathway in doxorubicin resistance and therapy in human breast cancer. <b>2015</b> , 36, 7185-94	44
790	MicroRNA-223 is a novel negative regulator of HSP90B1 in CLL. <b>2015</b> , 15, 238	12
789	MicroRNA modulators of epigenetic regulation, the tumor microenvironment and the immune system in lung cancer. <b>2015</b> , 14, 34	50
788	MicroRNA implication in therapeutic resistance and metastatic dissemination of bone-associated tumors. <b>2015</b> , 163-176	
787	MicroRNA involvement in a metastatic non-functioning pituitary carcinoma. <b>2015</b> , 18, 710-21	33
787 786	MicroRNA involvement in a metastatic non-functioning pituitary carcinoma. <b>2015</b> , 18, 710-21  Mechanisms of Invasion in Head and Neck Cancer. <b>2015</b> , 139, 1334-48	33
786	Mechanisms of Invasion in Head and Neck Cancer. <b>2015</b> , 139, 1334-48  Activated STING enhances Tregs infiltration in the HPV-related carcinogenesis of tongue squamous	41
786 785	Mechanisms of Invasion in Head and Neck Cancer. 2015, 139, 1334-48  Activated STING enhances Tregs infiltration in the HPV-related carcinogenesis of tongue squamous cells via the c-jun/CCL22 signal. 2015, 1852, 2494-503  MicroRNA-375 Suppresses Extracellular Matrix Degradation and Invadopodial Activity in Head and	41 76
786 785 784	Mechanisms of Invasion in Head and Neck Cancer. 2015, 139, 1334-48  Activated STING enhances Tregs infiltration in the HPV-related carcinogenesis of tongue squamous cells via the c-jun/CCL22 signal. 2015, 1852, 2494-503  MicroRNA-375 Suppresses Extracellular Matrix Degradation and Invadopodial Activity in Head and Neck Squamous Cell Carcinoma. 2015, 139, 1349-61  Proteinase-activated receptor 2 promotes cancer cell migration through RNA	41 76 16
786 785 784 783	Mechanisms of Invasion in Head and Neck Cancer. 2015, 139, 1334-48  Activated STING enhances Tregs infiltration in the HPV-related carcinogenesis of tongue squamous cells via the c-jun/CCL22 signal. 2015, 1852, 2494-503  MicroRNA-375 Suppresses Extracellular Matrix Degradation and Invadopodial Activity in Head and Neck Squamous Cell Carcinoma. 2015, 139, 1349-61  Proteinase-activated receptor 2 promotes cancer cell migration through RNA methylation-mediated repression of miR-125b. 2015, 290, 26627-37	41 76 16 40
786 785 784 783 782	Mechanisms of Invasion in Head and Neck Cancer. 2015, 139, 1334-48  Activated STING enhances Tregs infiltration in the HPV-related carcinogenesis of tongue squamous cells via the c-jun/CCL22 signal. 2015, 1852, 2494-503  MicroRNA-375 Suppresses Extracellular Matrix Degradation and Invadopodial Activity in Head and Neck Squamous Cell Carcinoma. 2015, 139, 1349-61  Proteinase-activated receptor 2 promotes cancer cell migration through RNA methylation-mediated repression of miR-125b. 2015, 290, 26627-37  Small RNAs in metastatic and non-metastatic oral squamous cell carcinoma. 2015, 8, 31  Altered levels of miR-21, miR-125b-2*, miR-138, miR-155, miR-184, and miR-205 in oral squamous	41 76 16 40 28

# (2016-2015)

778	homologous microRNA-320a. <b>2015</b> , 356, 669-75	30
777	Driver and passenger mutations in cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , <b>2015</b> , 10, 25-50	179
776	Circulating miRNAs: roles in cancer diagnosis, prognosis and therapy. <b>2015</b> , 81, 75-93	225
775	MicroRNA-194 promotes the growth, migration, and invasion of ovarian carcinoma cells by targeting protein tyrosine phosphatase nonreceptor type 12. <b>2016</b> , 9, 4307-15	26
774	CCL5 promotes VEGF-C production and induces lymphangiogenesis by suppressing miR-507 in human chondrosarcoma cells. <b>2016</b> , 7, 36896-36908	28
773	Effect of Dynamic Interaction between microRNA and Transcription Factor on Gene Expression. <b>2016</b> , 2016, 2676282	9
772	Are We Eating Our Way to Prostate Cancer-A Hypothesis Based on the Evolution, Bioaccumulation, and Interspecific Transfer of miR-150. <b>2016</b> , 2,	2
771	The highly expressed 5'isomiR of hsa-miR-140-3p contributes to the tumor-suppressive effects of miR-140 by reducing breast cancer proliferation and migration. <b>2016</b> , 17, 566	61
770	MiR-146 and miR-125 in the regulation of innate immunity and inflammation. <b>2016</b> , 49, 311-8	92
769	Hypoxia-inducible microRNA-488 regulates apoptosis by targeting Bim in osteosarcoma. <b>2016</b> , 39, 463-471	27
768	Noncoding RNAs in Tumor Angiogenesis. <b>2016</b> , 927, 217-41	29
767	Genetic variants in microRNA and microRNA biogenesis pathway genes and breast cancer risk among women of African ancestry. <b>2016</b> , 135, 1145-59	24
766	Decreased expression of microRNA-21 is associated with increased cytokine production in peripheral blood mononuclear cells (PBMCs) of obese type 2 diabetic and non-diabetic subjects. <b>2016</b> , 419, 11-7	18
765	Clinical development of TargomiRs, a miRNA mimic-based treatment for patients with recurrent thoracic cancer. <b>2016</b> , 8, 1079-85	124
764	miR-125b-1 is repressed by histone modifications in breast cancer cell lines. <b>2016</b> , 5, 959	14
763	Multiplexed Detection of MicroRNA Biomarkers Using SERS-Based Inverse Molecular Sentinel (iMS) Nanoprobes. <b>2016</b> , 120, 21047-21050	79
762	MiR-124-3p/B4GALT1 axis plays an important role in SOCS3-regulated growth and chemo-sensitivity of CML. <b>2016</b> , 9, 69	24
761	miR-27a-mediated antiproliferative effects of metformin on the breast cancer cell line MCF-7. <b>2016</b> , 36, 3691-3699	18

760	An implicit divalent counterion force field for RNA molecular dynamics. <b>2016</b> , 144, 105104	7
759	MiR-155 expression level changes might be associated with initial phases of breast cancer pathogenesis and lymph-node metastasis. <b>2016</b> , 16, 385-94	16
758	MicroRNA-15b suppresses the growth and invasion of glioma cells through targeted inhibition of cripto-1 expression. <b>2016</b> , 13, 4897-903	14
757	Leptin promotes VEGF-C production and induces lymphangiogenesis by suppressing miR-27b in human chondrosarcoma cells. <b>2016</b> , 6, 28647	27
756	Functions of microRNA-143 in the apoptosis, invasion and migration of nasopharyngeal carcinoma. <b>2016</b> , 12, 3749-3755	15
755	MicroRNA-544 down-regulates both Bcl6 and Stat3 to inhibit tumor growth of human triple negative breast cancer. <b>2016</b> , 397, 1087-95	25
754	MicroRNA-544a Regulates Migration and Invasion in Colorectal Cancer Cells via Regulation of Homeobox A10. <b>2016</b> , 61, 2535-44	13
753	MicroRNA-148b is a potential prognostic biomarker and predictor of response to radiotherapy in non-small-cell lung cancer. <b>2016</b> , 72, 337-43	18
75 <sup>2</sup>	Specific Delivery of MiRNA for High Efficient Inhibition of Prostate Cancer by RNA Nanotechnology. <b>2016</b> , 24, 1267-77	71
751	Diagnostic and predictive significance of serum microRNA-7 in esophageal squamous cell carcinoma. <b>2016</b> , 35, 1449-56	17
75°	miRNA-148b regulates radioresistance in non-small lung cancer cells via regulation of MutL homologue 1. <b>2016</b> , 36,	14
749	Adiponectin promotes VEGF-C-dependent lymphangiogenesis by inhibiting miR-27b through a CaMKII/AMPK/p38 signaling pathway in human chondrosarcoma cells. <b>2016</b> , 130, 1523-33	25
748	Tumor-suppressing effects of microRNA-429 in human renal cell carcinoma via the downregulation of Sp1. <b>2016</b> , 12, 2906-2911	24
747	Hepatitis B virus X protein mediated suppression of miRNA-122 expression enhances hepatoblastoma cell proliferation through cyclin G1-p53 axis. <b>2016</b> , 11, 40	16
746	miR-375 inhibits the invasion and metastasis of colorectal cancer via targeting SP1 and regulating EMT-associated genes. <b>2016</b> , 36, 487-93	39
745	Role of let-7b/Fzd4 axis in mitochondrial biogenesis through wnt signaling: In neonatal and adult megakaryocytes. <b>2016</b> , 79, 61-68	5
744	MicroRNA-15a Inhibits Proliferation and Induces Apoptosis in CNE1 Nasopharyngeal Carcinoma Cells. <b>2016</b> , 24, 145-51	25
743	Decreased Expression of miR-548c-3p in Osteosarcoma Contributes to Cell Proliferation Via Targeting ITGAV. <b>2016</b> , 31, 153-8	21

# (2017-2016)

742	miRNA-24-3p promotes cell proliferation and regulates chemosensitivity in head and neck squamous cell carcinoma by targeting CHD5. <b>2016</b> , 12, 2701-2712	17
741	Hypoxia-induced microRNA-301b regulates apoptosis by targeting Bim in lung cancer. <b>2016</b> , 49, 476-83	27
740	Molecular Biomarkers of Colorectal Cancer and Cancer Disparities: Current Status and Perspective. <b>2016</b> , 12, 332-344	9
739	KCa1.1, a calcium-activated potassium channel subunit alpha 1, is targeted by miR-17-5p and modulates cell migration in malignant pleural mesothelioma. <b>2016</b> , 15, 44	36
738	miR-124-3p functions as a tumor suppressor in breast cancer by targeting CBL. <b>2016</b> , 16, 826	69
737	Progress in Cancer Immunotherapy. <b>2016</b> ,	5
736	Integration of 3D gene expression patterns and gene regulatory networks for clinical applications in epithelial ovarian cancer. <b>2016</b> ,	
735	Microfluidics in the selection of affinity reagents for the detection of cancer: paving a way towards future diagnostics. <b>2016</b> , 16, 2759-74	19
734	Biological Response Modifier in Cancer Immunotherapy. <b>2016</b> , 909, 69-138	7
733	Identification of miRNA-mRNA regulatory modules by exploring collective group relationships. <b>2016</b> , 17 Suppl 1, 7	19
732	Dissecting genetics of cutaneous miRNA in a mouse model of an autoimmune blistering disease. <b>2016</b> , 17, 112	6
731	MiRNA-146b-5p upregulates migration and invasion of different Papillary Thyroid Carcinoma cells. <b>2016</b> , 16, 108	60
730	Relationship between microRNA genes incidence and cancer-associated genomic regions in canine tumors: a comprehensive bioinformatics study. <b>2016</b> , 16, 143-52	7
729	MicroRNA-425-5p regulates chemoresistance in colorectal cancer cells via regulation of Programmed Cell Death 10. <b>2016</b> , 20, 360-9	67
728	Hypoxia-upregulated microRNA-630 targets Dicer, leading to increased tumor progression. <b>2016</b> , 35, 4312-20	70
727	Methylation of the miR-126 gene associated with glioma progression. <b>2016</b> , 15, 317-24	15
726	lncRNAs and microRNAs with a role in cancer development. <b>2016</b> , 1859, 169-76	390
725	MicroRNA-96 Regulates Apoptosis by Targeting PDCD4 in Human Glioma Cells. <b>2017</b> , 16, 92-98	15

724	miRNA expression profiling of cerebrospinal fluid in patients with aneurysmal subarachnoid hemorrhage. <b>2017</b> , 126, 1131-1139	42
723	Identification of a novel microRNA, miR-4449, as a potential blood based marker in multiple myeloma. <b>2017</b> , 55, 748-754	12
722	MicoRNA-425-5p is a potential prognostic biomarker for cervical cancer. <b>2017</b> , 54, 127-133	53
721	miR-34a is downregulated in human osteosarcoma stem-like cells and promotes invasion, tumorigenic ability and self-renewal capacity. <b>2017</b> , 15, 1631-1637	27
720	SERS-based inverse molecular sentinel (iMS) nanoprobes for multiplexed detection of microRNA cancer biomarkers in biological samples. <b>2017</b> ,	1
719	The roles and perspectives of microRNAs as biomarkers for intervertebral disc degeneration. <b>2017</b> , 11, 3481-3487	38
718	Hepatitis B virus X protein-mediated non-coding RNA aberrations in the development of human hepatocellular carcinoma. <b>2017</b> , 49, e293	31
717	Polymorphisms of miR-196a2 (rs11614913) and miR-605 (rs2043556) confer susceptibility to gastric cancer. <b>2017</b> , 7, 154-163	14
716	Nanosensors for nucleic acid targets detection using SERS. 2017,	
715	MicroRNA profiling in peripheral T-cell lymphoma, not otherwise specified. 2017, 18, 339-347	3
714	miR-375 Regulates Invasion-Related Proteins Vimentin and L-Plastin. 2017, 187, 1523-1536	10
713	MicroRNA-1301 suppresses tumor cell migration and invasion by targeting the p53/UBE4B pathway in multiple human cancer cells. <b>2017</b> , 401, 20-32	28
712	miR-539 inhibits FSCN1 expression and suppresses hepatocellular carcinoma migration and invasion. <b>2017</b> , 37, 2593-2602	33
711	Circulating cell-free microRNAs as clinical cancer biomarkers. <b>2017</b> , 8, 61-81	101
710	MicroRNA-18a-5p functions as an oncogene by directly targeting IRF2 in lung cancer. <b>2017</b> , 8, e2764	79
709	MICRORNA-AUGMENTED PATHWAYS (mirAP) AND THEIR APPLICATIONS TO PATHWAY ANALYSIS AND DISEASE SUBTYPING. <b>2017</b> , 22, 390-401	4
708	Functional dissection of human targets for KSHV-encoded miRNAs using network analysis. <b>2017</b> , 7, 3159	3
707	Evaluation of microRNA-205 expression as a potential triage marker for patients with low-grade squamous intraepithelial lesions. <b>2017</b> , 13, 3586-3598	5

706	microRNA-664 enhances proliferation, migration and invasion of lung cancer cells. <b>2017</b> , 13, 3555-3562	15
705	Effects of miR-21 downregulation and silibinin treatment in breast cancer cell lines. <b>2017</b> , 69, 667-680	12
704	MiR-409-3p regulates cell proliferation and tumor growth by targeting E74-like factor 2 in osteosarcoma. <b>2017</b> , 7, 348-357	8
703	MicroRNA-195-5p suppresses osteosarcoma cell proliferation and invasion by suppressing naked cuticle homolog 1. <b>2017</b> , 41, 287-295	27
702	Tumor suppressor microRNA-613 inhibits glioma cell proliferation, invasion and angiogenesis by targeting vascular endothelial growth factor A. <b>2017</b> , 16, 6729-6735	14
701	TGF-1-induced miR-503 controls cell growth and apoptosis by targeting PDCD4 in glioblastoma cells. <b>2017</b> , 7, 11569	7
700	SOX4: Joining the Master Regulators of Epithelial-to-Mesenchymal Transition?. 2017, 3, 571-582	44
699	Downregulation of miR-29b targets DNMT3b to suppress cellular apoptosis and enhance proliferation in pancreatic cancer. <b>2018</b> , 17, 2113-2120	16
698	Emerging Role of CRISPR/Cas9 Technology for MicroRNAs Editing in Cancer Research. <b>2017</b> , 77, 6812-6817	40
697	MicroRNAs and Epigenetics. <b>2017</b> , 135, 189-220	68
697 696	MicroRNAs and Epigenetics. 2017, 135, 189-220  Elevated p53 Activities Restrict Differentiation Potential of MicroRNA-Deficient Pluripotent Stem Cells. 2017, 9, 1604-1617	<ul><li>68</li><li>7</li></ul>
	Elevated p53 Activities Restrict Differentiation Potential of MicroRNA-Deficient Pluripotent Stem	
696	Elevated p53 Activities Restrict Differentiation Potential of MicroRNA-Deficient Pluripotent Stem Cells. <b>2017</b> , 9, 1604-1617	
696 695	Elevated p53 Activities Restrict Differentiation Potential of MicroRNA-Deficient Pluripotent Stem Cells. 2017, 9, 1604-1617  Network Analysis of miRNA and Protein Expression Profiles in Breast Cancer Patients. 2017,  PP2A inhibition from LB100 therapy enhances daunorubicin cytotoxicity in secondary acute	7
<ul><li>696</li><li>695</li><li>694</li></ul>	Elevated p53 Activities Restrict Differentiation Potential of MicroRNA-Deficient Pluripotent Stem Cells. 2017, 9, 1604-1617  Network Analysis of miRNA and Protein Expression Profiles in Breast Cancer Patients. 2017,  PP2A inhibition from LB100 therapy enhances daunorubicin cytotoxicity in secondary acute myeloid leukemia via miR-181b-1 upregulation. 2017, 7, 2894  Amphiregulin enhances VEGF-A production in human chondrosarcoma cells and promotes	7
<ul><li>696</li><li>695</li><li>694</li><li>693</li></ul>	Elevated p53 Activities Restrict Differentiation Potential of MicroRNA-Deficient Pluripotent Stem Cells. 2017, 9, 1604-1617  Network Analysis of miRNA and Protein Expression Profiles in Breast Cancer Patients. 2017,  PP2A inhibition from LB100 therapy enhances daunorubicin cytotoxicity in secondary acute myeloid leukemia via miR-181b-1 upregulation. 2017, 7, 2894  Amphiregulin enhances VEGF-A production in human chondrosarcoma cells and promotes angiogenesis by inhibiting miR-206 via FAK/c-Src/PKC[bathway. 2017, 385, 261-270  Canonical microRNAs Enable Differentiation, Protect Against DNA Damage, and Promote	7 10 40
<ul><li>696</li><li>695</li><li>694</li><li>693</li><li>692</li></ul>	Elevated p53 Activities Restrict Differentiation Potential of MicroRNA-Deficient Pluripotent Stem Cells. 2017, 9, 1604-1617  Network Analysis of miRNA and Protein Expression Profiles in Breast Cancer Patients. 2017,  PP2A inhibition from LB100 therapy enhances daunorubicin cytotoxicity in secondary acute myeloid leukemia via miR-181b-1 upregulation. 2017, 7, 2894  Amphiregulin enhances VEGF-A production in human chondrosarcoma cells and promotes angiogenesis by inhibiting miR-206 via FAK/c-Src/PKCIpathway. 2017, 385, 261-270  Canonical microRNAs Enable Differentiation, Protect Against DNA Damage, and Promote Cholesterol Biosynthesis in Neural Stem Cells. 2017, 26, 177-188  Tumor suppressor miRNA-204-5p promotes apoptosis by targeting BCL2 in prostate cancer cells.	7 10 40 5

688	Stromal cell extracellular vesicular cargo mediated regulation of breast cancer cell metastasis via ubiquitin conjugating enzyme E2 N pathway. <b>2017</b> , 8, 109861-109876	24
687	Role of MicroRNAs in TGF-15 ignaling Pathway-Mediated Pulmonary Fibrosis. 2017, 18,	49
686	MicroRNA MultiTool: A Software for Identifying Modified and Unmodified Human microRNA Using Mass Spectrometry. <b>2017</b> , 3,	1
685	Clinical and Therapeutic Applications of MicroRNA in Cancer. <b>2017</b> , 17-37	О
684	The Dynamics of microRNA Transcriptome in Bovine Corpus Luteum during Its Formation, Function, and Regression. <b>2017</b> , 8, 213	20
683	MicroRNA-377 Downregulates Bcl-xL and Increases Apoptosis in Hepatocellular Carcinoma Cells. <b>2017</b> , 25, 29-34	14
682	Differentially expressed miR-3680-5p is associated with parathyroid hormone regulation in peritoneal dialysis patients. <b>2017</b> , 12, e0170535	7
681	miR-181a decelerates proliferation in cutaneous squamous cell carcinoma by targeting the proto-oncogene KRAS. <b>2017</b> , 12, e0185028	22
68o	miR205 inhibits stem cell renewal in SUM159PT breast cancer cells. <b>2017</b> , 12, e0188637	16
679	Collagen triple helix repeat containing-1 negatively regulated by microRNA-30c promotes cell proliferation and metastasis and indicates poor prognosis in breast cancer. <b>2017</b> , 36, 92	23
678	Upregulation of microRNA-25-3p inhibits proliferation, migration and invasion of osteosarcoma cells in vitro by directly targeting SOX4. <b>2017</b> , 16, 4293-4300	12
677	MicroRNA-744 inhibits tumor cell proliferation and invasion of gastric cancer via targeting brain-derived neurotrophic factor. <b>2017</b> , 16, 5055-5061	10
676	miR-202 Suppresses Cell Proliferation by Targeting FOXR2 in Endometrial Adenocarcinoma. <b>2017</b> , 2017, 2827435	20
675	MicroRNA-34a inhibits cells proliferation and invasion by downregulating Notch1 in endometrial cancer. <b>2017</b> , 8, 111258-111270	27
674	MiR-155-5p controls colon cancer cell migration via post-transcriptional regulation of Human Antigen R (HuR). <b>2018</b> , 421, 145-151	44
673	Highly Effective and Low-Cost MicroRNA Detection with CRISPR-Cas9. 2018, 7, 807-813	74
672	Atorvastatin induces MicroRNA-145 expression in HEPG2 cells via regulation of the PI3K/AKT signalling pathway. <b>2018</b> , 287, 32-40	14
671	Integration of isothermal amplification with quantum dot-based fluorescence resonance energy transfer for simultaneous detection of multiple microRNAs. <b>2018</b> , 9, 4258-4267	83

#### (2018-2018)

670	activating NF- <b>B</b> signaling. <b>2018</b> , 9, 1423	36
669	MicroRNA-125b-1-3p mediates intervertebral disc degeneration in rats by targeting teashirt zinc finger homeobox 3. <b>2018</b> , 15, 2627-2633	8
668	An amplification-free electrochemical detection of exosomal miRNA-21 in serum samples. <b>2018</b> , 143, 1662-1669	78
667	Direct chemiluminescence detection of circulating microRNAs in serum samples using a single-strand specific nuclease-distinguishing nucleic acid hybrid system. <b>2018</b> , 54, 1909-1912	13
666	Comprehensive network of miRNA-induced intergenic interactions and a biological role of its core in cancer. <b>2018</b> , 8, 2418	20
665	Profiles of miRNA Isoforms and tRNA Fragments in Prostate Cancer. <b>2018</b> , 8, 5314	41
664	nc886 is induced by TGF-land suppresses the microRNA pathway in ovarian cancer. <b>2018</b> , 9, 1166	31
663	Anti-miRNA oligonucleotides: A comprehensive guide for design. <b>2018</b> , 15, 338-352	90
662	MicroRNAs in retinoblastoma: Potential diagnostic and therapeutic biomarkers. 2018, 233, 3016-3023	93
661	Sorafenib response in hepatocellular carcinoma: MicroRNAs as tuning forks. <b>2018</b> , 48, 5-14	18
660	Rotavirus-encoded virus-like small RNA triggers autophagy by targeting IGF1R via the PI3K/Akt/mTOR pathway. <b>2018</b> , 1864, 60-68	22
659	MicroRNA profiles in neuroblastoma: Differences in risk and histology groups. <b>2018</b> , 14, e374-e379	4
658	The Role of Circulating Biomarkers in the Early Diagnosis of Ovarian Cancer. 2018,	3
657	Unique MicroRNA and mRNA Interactions in -Mutated Lung Adenocarcinoma. 2018, 7,	12
656	Diagnosis and Assessment of Microbial Infections with Host and Microbial MicroRNA Profiles. 2018, 563-597	
655	A tRNA-derived RNA Fragment Plays an Important Role in the Mechanism of Arsenite -induced Cellular Responses. <b>2018</b> , 8, 16838	23
654	MicroRNA-98-5p inhibits proliferation and metastasis in non-small cell lung cancer by targeting TGFBR1. <b>2019</b> , 54, 128-138	13
653	MicroRNA-301a-3p suppressed the progression of hepatocellular carcinoma via targeting VGLL4. <b>2018</b> , 214, 2039-2045	18

652	MicroRNA-small molecule association identification: from experimental results to computational models. <b>2018</b> ,	54
651	Down-regulation of MAP2K1 by miR-539 inhibits hepatocarcinoma progression. <b>2018</b> , 504, 784-791	7
650	MicroRNA-34b promotes proliferation, migration and invasion of Ewing's sarcoma cells by downregulating Notch1. <b>2018</b> , 18, 3577-3588	5
649	Epigenetic Regulation of Endothelial Function: With Focus on MicroRNAs. 2018, 171-187	
648	Distinguishing mirtrons from canonical miRNAs with data exploration and machine learning methods. <b>2018</b> , 8, 7560	24
647	Integrating the DNA damage and protein stress responses during cancer development and treatment. <b>2018</b> , 246, 12-40	54
646	Epigenetics and Periodontitis: A Source of Connection to Systemic Diseases. 2018, 19-31	
645	Loss of Estrogen-Regulated at 3p21.1 Promotes Tamoxifen Resistance in Breast Cancer. <b>2018</b> , 78, 4915-4928	17
644	Exosome-mediated miR-200b promotes colorectal cancer proliferation upon TGF-II exposure. <b>2018</b> , 106, 1135-1143	34
643	Diagnostic and prognostic value of microRNAs in cholangiocarcinoma: a systematic review and meta-analysis. <b>2018</b> , 10, 2125-2139	11
642	Burkitt lymphoma-associated network construction and important network motif analysis. <b>2018</b> , 16, 3054-3062	1
641	MicroRNA-665 suppresses the growth and migration of ovarian cancer cells by targeting HOXA10. <b>2018</b> , 18, 2661-2668	29
640	Crosstalk Between the Unfolded Protein Response, MicroRNAs, and Insulin Signaling Pathways: In Search of Biomarkers for the Diagnosis and Treatment of Type 2 Diabetes. <b>2018</b> , 9, 210	11
639	Fishing Into the MicroRNA Transcriptome. <b>2018</b> , 9, 88	34
638	MicroRNA-23a/27a/24-2 cluster promotes gastric cancer cell proliferation synergistically. <b>2018</b> , 16, 2319-2325	13
637	Oncogenic miR-425-5p is associated with cellular migration, proliferation and apoptosis in renal cell carcinoma. <b>2018</b> , 16, 2175-2184	16
636	Novel frontiers in detecting cancer metastasis. <b>2018</b> , 35, 403-412	6
635	DNA methylation-mediated repression of miR-181a/135a/302c expression promotes the microsatellite-unstable colorectal cancer development and 5-FU resistance via targeting PLAG1.  2018, 45, 205-214	25

634	Application of CRISPR-Cas9 for Long Noncoding RNA Genes in Cancer Research. <b>2019</b> , 30, 3-9	17
633	MicroRNA in lung cancer: role, mechanisms, pathways and therapeutic relevance. <b>2019</b> , 70, 3-20	180
632	MiR-143-3p suppresses the progression of nasal squamous cell carcinoma by targeting Bcl-2 and IGF1R. <b>2019</b> , 518, 492-499	12
631	Plasma or serum? A qualitative study on rodents and humans using high-throughput microRNA sequencing for circulating biomarkers. <b>2019</b> , 4, bpz006	21
630	Diabetic Retinopathy, lncRNAs, and Inflammation: A Dynamic, Interconnected Network. <b>2019</b> , 8,	25
629	MicroRNA Regulation of Epigenetic Modifiers in Breast Cancer. <b>2019</b> , 11,	33
628	miR-1271 inhibits growth, invasion and epithelial-mesenchymal transition by targeting ZEB1 in ovarian cancer cells. <b>2019</b> , 12, 6973-6980	9
627	The Importance of microRNAs in RAS Oncogenic Activation in Human Cancer. <b>2019</b> , 9, 988	13
626	Benchmark of computational methods for predicting microRNA-disease associations. <b>2019</b> , 20, 202	17
625	MicroRNAs and Epigenetics Strategies to Reverse Breast Cancer. <b>2019</b> , 8,	45
625 624	MicroRNAs and Epigenetics Strategies to Reverse Breast Cancer. <b>2019</b> , 8,  Emerging role of a novel small non-coding regulatory RNA: tRNA-derived small RNA. <b>2019</b> , 1,	45
624	Emerging role of a novel small non-coding regulatory RNA: tRNA-derived small RNA. <b>2019</b> , 1,  Functional Prediction of Candidate MicroRNAs for CRC Management Using in Silico Approach. <b>2019</b> ,	4
624	Emerging role of a novel small non-coding regulatory RNA: tRNA-derived small RNA. 2019, 1,  Functional Prediction of Candidate MicroRNAs for CRC Management Using in Silico Approach. 2019, 20,  Restoration of miR-26b expression partially reverses the cisplatin resistance of NSCLC by targeting	4
624 623 622	Emerging role of a novel small non-coding regulatory RNA: tRNA-derived small RNA. 2019, 1,  Functional Prediction of Candidate MicroRNAs for CRC Management Using in Silico Approach. 2019, 20,  Restoration of miR-26b expression partially reverses the cisplatin resistance of NSCLC by targeting tafazzin. 2019, 12, 7551-7560  MicroRNA-206 serves as a tumor suppressor in pediatric acute myeloid leukemia by targeting Cyclin	4 4 5
624 623 622	Emerging role of a novel small non-coding regulatory RNA: tRNA-derived small RNA. 2019, 1,  Functional Prediction of Candidate MicroRNAs for CRC Management Using in Silico Approach. 2019, 20,  Restoration of miR-26b expression partially reverses the cisplatin resistance of NSCLC by targeting tafazzin. 2019, 12, 7551-7560  MicroRNA-206 serves as a tumor suppressor in pediatric acute myeloid leukemia by targeting Cyclin D1. 2019, 215, 152554  MicroRNA-29a inhibits glioblastoma stem cells and tumor growth by regulating the PDGF pathway.	4 4 5
624 623 622 621	Emerging role of a novel small non-coding regulatory RNA: tRNA-derived small RNA. 2019, 1,  Functional Prediction of Candidate MicroRNAs for CRC Management Using in Silico Approach. 2019, 20,  Restoration of miR-26b expression partially reverses the cisplatin resistance of NSCLC by targeting tafazzin. 2019, 12, 7551-7560  MicroRNA-206 serves as a tumor suppressor in pediatric acute myeloid leukemia by targeting Cyclin D1. 2019, 215, 152554  MicroRNA-29a inhibits glioblastoma stem cells and tumor growth by regulating the PDGF pathway. 2019, 145, 23-34	4 4 5 6 17

616	Conservation and novelty in the microRNA genomic landscape of hyperdiverse cichlid fishes. <b>2019</b> , 9, 13848	12
615	miR-139-3p suppresses the invasion and migration properties of breast cancer cells by targeting RAB1A. <b>2019</b> , 42, 1699-1708	15
614	Non-viral nanocarriers for intracellular delivery of microRNA therapeutics. <b>2019</b> , 7, 1209-1225	44
613	MiR-708-5p inhibits the progression of pancreatic ductal adenocarcinoma by targeting Sirt3. <b>2019</b> , 215, 794-800	15
612	Dual-SERS biosensor for one-step detection of microRNAs in exosome and residual plasma of blood samples for diagnosing pancreatic cancer. <b>2019</b> , 130, 204-213	131
611	Molecular methods in electrochemical microRNA detection. <b>2018</b> , 144, 114-129	47
610	Integrated analysis of clinical significance and functional involvement of microRNAs in hepatocellular carcinoma. <b>2019</b> , 234, 23581-23595	14
609	let-7 and miR-17 promote self-renewal and drive gefitinib resistance in non-small cell lung cancer. <b>2019</b> , 42, 495-508	8
608	PES1 is regulated by CD44 in liver cancer stem cells via miR-105-5p. <b>2019</b> , 593, 1777-1786	7
607	Prediction of Small Molecule-MicroRNA Associations by Sparse Learning and Heterogeneous Graph Inference. <b>2019</b> , 16, 3157-3166	18
606	Development of double strand RNA mPEI nanoparticles and application in treating invasive breast cancer <b>2019</b> , 9, 13186-13200	2
605	Mimicking the tumor microenvironment: Fibroblasts reduce miR-29b expression and increase the motility of ovarian cancer cells in a co-culture model. <b>2019</b> , 516, 96-101	6
604	Emerging areas of bone repair materials. <b>2019</b> , 411-446	2
603	Clinical response and prognostic significance of serum miR-497 expression in colorectal cancer. <b>2019</b> , 25, 11-18	14
602	MicroRNA-362 Inhibits Cell Proliferation and Invasion by Directly Targeting SIX1 in Colorectal Cancer. <b>2019</b> , 60, 414-422	7
601	The proliferation of cervical cancer is promoted by miRNA-125b through the regulation of the HMGA1. <b>2019</b> , 12, 2767-2776	13
600	Detection of miRNA cancer biomarkers using light activated Molecular Beacons <b>2019</b> , 9, 12766-12783	4
599	Enterovirus 71 Suppresses miR-17-92 Cluster Through Up-Regulating Methylation of the miRNA Promoter. <b>2019</b> , 10, 625	5

#### (2020-2019)

598	Cascade Transcription Amplification of RNA Aptamer for Ultrasensitive MicroRNA Detection. <b>2019</b> , 91, 5295-5302	52
597	Data analysis algorithm for the development of extracellular miRNA-based diagnostic systems for prostate cancer. <b>2019</b> , 14, e0215003	8
596	Synthetic miR-143 Inhibits Growth of HER2-Positive Gastric Cancer Cells by Suppressing KRAS Networks Including DDX6 RNA Helicase. <b>2019</b> , 20,	14
595	Global MicroRNA Profiling Uncovers miR-206 as a Negative Regulator of Hematopoietic Commitment in Human Pluripotent Stem Cells. <b>2019</b> , 20,	1
594	Cancer Cell Membrane Camouflaged Nanoprobe for Catalytic Ratiometric Photoacoustic Imaging of MicroRNA in Living Mice. <b>2019</b> , 31, e1807888	61
593	Oligonucleotide Cross-Linked Hydrogel for Recognition and Quantitation of MicroRNAs Based on a Portable Glucometer Readout. <b>2019</b> , 11, 7792-7799	34
592	Global microRNA and isomiR expression associated with liver metabolism is induced by organophosphorus flame retardant exposure in male Chinese rare minnow (Gobiocypris rarus). <b>2019</b> , 649, 829-838	11
591	MiR-424-3p suppresses galectin-3 expression and sensitizes ovarian cancer cells to cisplatin. <b>2019</b> , 299, 1077-1087	15
590	Framework for microRNA variant annotation and prioritization using human population and disease datasets. <b>2019</b> , 40, 73-89	11
589	Diseases and their clinical heterogeneity - Are we ignoring the SNiPers and micRomaNAgers? An illustration using Beta-thalassemia clinical spectrum and fetal hemoglobin levels. <b>2019</b> , 111, 67-75	6
588	Long noncoding RNA FBXL19-AS1 induces tumor growth and metastasis by sponging miR-203a-3p in lung adenocarcinoma. <b>2020</b> , 235, 3612-3625	10
587	Exploiting yoeB-yefM toxin-antitoxin system of Streptococcus pneumoniae on the selective killing of miR-21 overexpressing breast cancer cell line (MCF-7). <b>2020</b> , 235, 2925-2936	4
586	Epigenetic Modifications in Head and Neck Cancer. <b>2020</b> , 58, 213-244	42
585	MicroRNA-367-3p overexpression represses the proliferation and invasion of cervical cancer cells through downregulation of SPAG5-mediated Wnt/Etatenin signalling. <b>2020</b> , 47, 687-695	6
584	Therapeutic Potentials of MicroRNAs for Curing Diabetes Through Pancreatic ECell Regeneration or Replacement. <b>2020</b> , 49, 1131-1140	
583	Identification of stool miR-135b-5p as a non-invasive diaognostic biomarker in later tumor stage of colorectal cancer. <b>2020</b> , 260, 118417	10
582	Cancer-Associated Fibroblasts-Derived Exosomes Suppress Immune Cell Function in Breast Cancer via the miR-92/PD-L1 Pathway. <b>2020</b> , 11, 2026	33
581	MicroRNA Expression Profiling of Bone Marrow-Derived Proangiogenic Cells (PACs) in a Mouse Model of Hindlimb Ischemia: Modulation by Classical Cardiovascular Risk Factors. <b>2020</b> , 11, 947	1

580	MicroRNA-7 targets T-Box 2 to inhibit epithelial-mesenchymal transition and invasiveness in glioblastoma multiforme. <b>2020</b> , 493, 133-142	9
579	MicroRNA: A Signature for Cancer Diagnostics. <b>2020</b> ,	
578	The Wnt Signalling Pathway: A Tailored Target in Cancer. <b>2020</b> , 21,	40
577	miR-5193, regulated by FUT1, suppresses proliferation and migration of ovarian cancer cells by targeting TRIM11. <b>2020</b> , 216, 153148	3
576	Evaluating the Use of microRNA Blood Tests for Gastric Cancer Screening in a Stratified Population-Level Screening Program: An Early Model-Based Cost-Effectiveness Analysis. <b>2020</b> , 23, 1171-1179	7
575	miR-124-3p Suppresses the Invasiveness and Metastasis of Hepatocarcinoma Cells Targeting CRKL. <b>2020</b> , 7, 223	7
574	MicroRNA-340-5p inhibits colon cancer cell migration via targeting of RhoA. <b>2020</b> , 10, 16934	8
573	Electrochemical biosensor for miRNA-21 based on gold-platinum bimetallic nanoparticles coated 3-aminopropyltriethoxy silane. <b>2020</b> , 609, 113908	8
572	Ultrasensitive and high-specific microRNA detection using hyper-branching rolling circle amplified CRISPR/Cas13a biosensor. <b>2020</b> , 325, 128799	9
571	Circular RNA hsa_circ_0005909 modulates osteosarcoma progression via the miR-936/HMGB1 axis. <b>2020</b> , 20, 305	6
570	Bioinformatics Analysis of Evolution and Human Disease Related Transposable Element-Derived microRNAs. <b>2020</b> , 10,	5
569	Aging mechanismsâA perspective mostly from Drosophila. <b>2020</b> , 1, e10026	2
568	Unveiling the ups and downs of miR-205 in physiology and cancer: transcriptional and post-transcriptional mechanisms. <b>2020</b> , 11, 980	12
567	miR-4530 inhibits the malignant biological behaviors of human glioma cells by directly targeting RTEL1. <b>2020</b> , 52, 1394-1403	4
566	, , , and Polymorphisms are Associated with Ischemic Stroke Susceptibility and Post-Stroke Mortality. <b>2020</b> , 10,	4
565	The crucial role of epigenetic regulation in breast cancer anti-estrogen resistance: Current findings and future perspectives. <b>2020</b> ,	7
564	Meningioma: A Review of Clinicopathological and Molecular Aspects. <b>2020</b> , 10, 579599	20
563	MiRNAs: A Powerful Tool in Deciphering Gynecological Malignancies. <b>2020</b> , 10, 591181	6

562	Epigenetics in Esophageal Cancer: From Mechanisms to Therapeutics. 2020, 4, 2000391	2
561	Association of the Expression Level of miR-16 with Prognosis of Solid Cancer Patients: A Meta-Analysis and Bioinformatic Analysis. <b>2020</b> , 2020, 8815270	1
560	Circ_0000105 promotes liver cancer by regulating miR-498/PIK3R1. <b>2020</b> , 22, e3256	3
559	EGb761 Protects Brain Microvascular Endothelial Cells Against Oxygen-Glucose Deprivation-Induced Injury Through lncRNA Rmst/miR-150 Axis. <b>2020</b> , 45, 2398-2408	10
558	Unravelling the Role of miR-20b-5p, CCNB1, HMGA2 and E2F7 in Development and Progression of Non-Small Cell Lung Cancer (NSCLC). <b>2020</b> , 9,	7
557	Comprehensive Analysis of the Roles and Prognostic Value of RNA-Binding Proteins in Head and Neck Squamous Cell Carcinoma. <b>2020</b> , 39, 1789-1798	5
556	MicroRNAâ⊞ in cancer´as biomarkers and therapeutic keys. <b>2020</b> , 2,	
555	Current perspectives on the dysregulated microRNAs in gastric cancer. <b>2020</b> , 47, 7253-7264	2
554	Serum microRNA-365 suppresses non-small-cell lung cancer metastasis and invasion in patients with bone metastasis of lung cancer. <b>2020</b> , 48, 300060520939718	4
553	PVT1 Mediates Cell Proliferation, Apoptosis and Radioresistance in Nasopharyngeal Carcinoma Through Regulating miR-515-5p/PIK3CA Axis. <b>2020</b> , 12, 10077-10090	6
552	A novel circulating miRNA-based signature for the early diagnosis and prognosis prediction of non-small-cell lung cancer. <b>2020</b> , 34, e23505	7
551	Circulating circERBB2 as a potential prognostic biomarker for gastric cancer: An investigative study. <b>2020</b> , 111, 4177-4186	8
550	A novel tsRNA-16902 regulating the adipogenic differentiation of human bone marrow mesenchymal stem cells. <b>2020</b> , 11, 365	4
549	miR-205: A Potential Biomedicine for Cancer Therapy. <b>2020</b> , 9,	12
548	Identifying metastasis-initiating miRNA-target regulations of colorectal cancer from expressional changes in primary tumors. <b>2020</b> , 10, 14919	3
547	Small RNA sequencing reveals a novel tsRNA-06018 playing an important role during adipogenic differentiation of hMSCs. <b>2020</b> , 24, 12736-12749	6
546	The Influence of Radical Prostatectomy on the Expression of Cell-Free MiRNA. 2020, 10,	5
545	A HPV16-related prognostic indicator for head and neck squamous cell carcinoma. <b>2020</b> , 8, 1492	3

544	Circ_0003998 enhances doxorubicin resistance in hepatocellular carcinoma by regulating miR-218-5p/EIF5A2 pathway. <b>2020</b> , 15, 141	5
543	The paradoxical roles of miR-4295 in human cancer: Implications in pathogenesis and personalized medicine. <b>2020</b> ,	2
542	Nutraceutical Targeting of Inflammation-Modulating microRNAs in Severe Forms of COVID-19: A Novel Approach to Prevent the Cytokine Storm. <b>2020</b> , 11, 602999	6
541	Identification of Prognostic miRNA Signature and Lymph Node Metastasis-Related Key Genes in Cervical Cancer. <b>2020</b> , 11, 544	14
540	MiRNA-106b-5p in human cancers: diverse functions and promising biomarker. <b>2020</b> , 127, 110211	11
539	Exosomal miRNAs as circulating biomarkers for prediction of development of haematogenous metastasis after surgery for stage II/III gastric cancer. <b>2020</b> , 24, 6220-6232	13
538	Long Noncoding RNA SCAMP1 Targets miR-137/CXCL12 Axis to Boost Cell Invasion and Angiogenesis in Ovarian Cancer. <b>2020</b> , 39, 1041-1050	10
537	MicroRNA-Initiated and Intracellular Na-Fueled DNAzyme Motor for Differentiating Molecular Subtypes of Nonsmall Cell Lung Cancer. <b>2020</b> , 92, 7404-7408	34
536	Circular RNA circUBAP2 regulates proliferation and invasion of osteosarcoma cells through miR-641/YAP1 axis. <b>2020</b> , 20, 223	8
535	The Pivotal Role of the Dysregulation of Cholesterol Homeostasis in Cancer: Implications for Therapeutic Targets. <b>2020</b> , 12,	16
534	LSD1 deletion represses gastric cancer migration by upregulating a novel miR-142-5p target protein CD9. <b>2020</b> , 159, 104991	7
533	CircLONP2 enhances colorectal carcinoma invasion and metastasis through modulating the maturation and exosomal dissemination of microRNA-17. <b>2020</b> , 19, 60	59
532	MiR-10a-5p-Mediated Syndecan 1 Suppression Restricts Porcine Hemagglutinating Encephalomyelitis Virus Replication. <b>2020</b> , 11, 105	9
531	RNA-Sequencing Analyses of Small Bacterial RNAs and their Emergence as Virulence Factors in Host-Pathogen Interactions. <b>2020</b> , 21,	21
530	Mechanism of Anti-Cancer Activity of Curcumin on Androgen-Dependent and Androgen-Independent Prostate Cancer. <b>2020</b> , 12,	28
529	Metformin up-regulated miR-107 expression and enhanced the inhibitory effect of miR-107 on gastric cancer growth <b>2020</b> , 9, 2941-2950	1
528	miR-655: A promising regulator with therapeutic potential. <b>2020</b> , 757, 144932	O
527	Inhibition of RUNX1 promotes cisplatin-induced apoptosis in ovarian cancer cells. <b>2020</b> , 180, 114116	11

# (2020-2020)

526	BHLHE40 plays a pathological role in pre-eclampsia through upregulating SNX16 by transcriptional inhibition of miR-196a-5p. <b>2020</b> , 26, 532-548	3
525	C. elegans to model autophagy-related human disorders. <b>2020</b> , 172, 325-373	7
524	Functionalized exosome harboring bioactive molecules for cancer therapy. <b>2020</b> , 489, 155-162	10
523	Exerts Tumor-Suppressive Functions in Prostate Cancer via Suppression. <b>2020</b> , 9,	4
522	MiRNAs and LncRNAs: Dual Roles in TGF-Isignaling-Regulated Metastasis in Lung Cancer. <b>2020</b> , 21,	30
521	Cell-free miRNAs as non-invasive biomarkers in breast cancer: Significance in early diagnosis and metastasis prediction. <b>2020</b> , 246, 117417	25
520	miRNA profiling in renal carcinoma suggest the existence of a group of pro-angionenic tumors in localized clear cell renal carcinoma. <b>2020</b> , 15, e0229075	4
519	Alteration in Expression of miR-32 and FBXW7 Tumor Suppressor in Plasma Samples of Patients with T-cell Acute Lymphoblastic Leukemia. <b>2020</b> , 12, 1253-1259	4
518	microRNA-30a arbitrates intestinal-type early gastric carcinogenesis by directly targeting ITGA2. <b>2020</b> , 23, 600-613	11
517	The Logic of Social Practices. <b>2020</b> ,	
517 516	The Logic of Social Practices. 2020,  Label-free detection of microRNA: two-stage signal enhancement with hairpin assisted cascade isothermal amplification and light-up DNA-silver nanoclusters. 2020, 187, 141	5
	Label-free detection of microRNA: two-stage signal enhancement with hairpin assisted cascade	5
516	Label-free detection of microRNA: two-stage signal enhancement with hairpin assisted cascade isothermal amplification and light-up DNA-silver nanoclusters. <b>2020</b> , 187, 141  Integrating circulating miRNA analysis in the clinical management of lung cancer: Present or	5 8 6
516 515	Label-free detection of microRNA: two-stage signal enhancement with hairpin assisted cascade isothermal amplification and light-up DNA-silver nanoclusters. <b>2020</b> , 187, 141  Integrating circulating miRNA analysis in the clinical management of lung cancer: Present or future?. <b>2020</b> , 72, 100844  Restoration of microRNA-197 expression suppresses oncogenicity in fibrosarcoma through	8
516 515 514	Label-free detection of microRNA: two-stage signal enhancement with hairpin assisted cascade isothermal amplification and light-up DNA-silver nanoclusters. <b>2020</b> , 187, 141  Integrating circulating miRNA analysis in the clinical management of lung cancer: Present or future?. <b>2020</b> , 72, 100844  Restoration of microRNA-197 expression suppresses oncogenicity in fibrosarcoma through negative regulation of RAN. <b>2020</b> , 72, 1034-1044	8
516 515 514 513	Label-free detection of microRNA: two-stage signal enhancement with hairpin assisted cascade isothermal amplification and light-up DNA-silver nanoclusters. 2020, 187, 141  Integrating circulating miRNA analysis in the clinical management of lung cancer: Present or future?. 2020, 72, 100844  Restoration of microRNA-197 expression suppresses oncogenicity in fibrosarcoma through negative regulation of RAN. 2020, 72, 1034-1044  A robust six-miRNA prognostic signature for head and neck squamous cell carcinoma. 2020, 235, 8799-8811  Hyperglycemia-related FAS gene and hsa-let-7b-5p as markers of poor outcomes for ischaemic	8 6 15
<ul><li>516</li><li>515</li><li>514</li><li>513</li><li>512</li></ul>	Label-free detection of microRNA: two-stage signal enhancement with hairpin assisted cascade isothermal amplification and light-up DNA-silver nanoclusters. 2020, 187, 141  Integrating circulating miRNA analysis in the clinical management of lung cancer: Present or future?. 2020, 72, 100844  Restoration of microRNA-197 expression suppresses oncogenicity in fibrosarcoma through negative regulation of RAN. 2020, 72, 1034-1044  A robust six-miRNA prognostic signature for head and neck squamous cell carcinoma. 2020, 235, 8799-8811  Hyperglycemia-related FAS gene and hsa-let-7b-5p as markers of poor outcomes for ischaemic stroke. 2020, 27, 1647-1655	8 6 15
<ul> <li>516</li> <li>515</li> <li>514</li> <li>513</li> <li>512</li> <li>511</li> </ul>	Label-free detection of microRNA: two-stage signal enhancement with hairpin assisted cascade isothermal amplification and light-up DNA-silver nanoclusters. 2020, 187, 141  Integrating circulating miRNA analysis in the clinical management of lung cancer: Present or future?. 2020, 72, 100844  Restoration of microRNA-197 expression suppresses oncogenicity in fibrosarcoma through negative regulation of RAN. 2020, 72, 1034-1044  A robust six-miRNA prognostic signature for head and neck squamous cell carcinoma. 2020, 235, 8799-8811  Hyperglycemia-related FAS gene and hsa-let-7b-5p as markers of poor outcomes for ischaemic stroke. 2020, 27, 1647-1655  The Regulation of microRNAs in Alzheimer's Disease. 2020, 11, 288  Mesenchymal Stem Cell Derived Extracellular Vesicles for Tissue Engineering and Regenerative	8 6 15 6 36

508	miR-22 suppresses cell viability and EMT of ovarian cancer cells via NLRP3 and inhibits PI3K/AKT signaling pathway. <b>2021</b> , 23, 257-264	8
507	Long non-coding RNA EWSAT1 promoted metastasis and actin cytoskeleton changes via miR-24-3p sponging in osteosarcoma. <b>2021</b> , 25, 716-728	2
506	Evaluation of color Doppler ultrasound combined with plasma miR-21 and miR-27a in the diagnosis of breast cancer. <b>2021</b> , 23, 709-717	4
505	Upregulation lnc-NEAT1 contributes to colorectal cancer progression through sponging miR-486-5p and activating NR4A1/Wnt/Eatenin pathway. <b>2021</b> , 30, 309-319	5
504	miR-23b-3p Plays an Oncogenic Role in Hepatocellular Carcinoma. <b>2021</b> , 28, 3416-3426	6
503	Molecular regulatory mechanisms underlying the adaptability of polyploid plants. <b>2021</b> , 96, 394-407	6
502	Overexpression of miR-27a predicts poor prognosis and promotes the progression in cholangiocarcinoma. <b>2021</b> , 21, 121-128	0
501	LncRNA SNHG17 promotes the progression of oral squamous cell carcinoma by modulating miR-375/PAX6 axis. <b>2021</b> , 30, 1-12	8
500	Up-Regulation of circEIF6 Contributes to Pancreatic Cancer Development Through Targeting miR-557//PI3K/AKT Signaling. <b>2021</b> , 13, 247-258	10
499	The Role of miRNAs, miRNA Clusters, and isomiRs in Development of Cancer Stem Cell Populations in Colorectal Cancer. <b>2021</b> , 22,	3
498	Formononetin Inhibits Non-Small Cell Lung Cancer Proliferation via Regulation of mir-27a-3p through p53 Pathway. <b>2021</b> , 23, 241-250	2
497	RNA Therapy in Bone Diseases. <b>2021</b> , 159-184	
496	The microRNA-451a/chromosome segregation 1-like axis suppresses cell proliferation, migration, and invasion and induces apoptosis in nasopharyngeal carcinoma. <b>2021</b> , 12, 6967-6980	1
495	Melatonin and regulation of miRNAs: novel targeted therapy for cancerous and noncancerous disease. <b>2021</b> , 13, 65-81	3
494	Circ_0091579 enhances the malignancy of hepatocellular carcinoma via miR-1287/PDK2 axis. <b>2021</b> , 16, 69-83	2
493	MiR-22-3p Suppresses Vascular Remodeling and Oxidative Stress by Targeting CHD9 during the Development of Hypertension. <b>2021</b> , 58, 180-190	1
492	Extraction and Quantification of Microrna Biomarkers for Diagnosis of Ovarian Cancer on an Integrated Microfluidic Platform. <b>2021</b> ,	0
491	Therapeutic Approaches for Metastases from Colorectal Cancer and Pancreatic Ductal Carcinoma. <b>2021</b> , 13,	1

# (2021-2021)

490	Circular RNA ITCH suppresses metastasis of gastric cancer via regulating miR-199a-5p/Klotho axis. <b>2021</b> , 20, 522-536	12
489	Circular RNA hsa_circ_0000554 promotes progression and elevates radioresistance through the miR-485-5p/fermitin family members 1 axis in esophageal cancer. <b>2021</b> , 32, 405-416	5
488	LncRNA KCNQ1OT1 acts as miR-216b-5p sponge to promote colorectal cancer progression via up-regulating ZNF146. <b>2021</b> , 52, 479-490	6
487	circAGFG1 sponges miR-28-5p to promote non-small-cell lung cancer progression through modulating HIF-1Hevel. <b>2021</b> , 16, 703-717	2
486	Micro-RNA Quantification, Target Gene Identification, and Pathway Analysis. 2021, 2284, 207-229	О
485	Identification of an eleven-miRNA signature to predict the prognosis of endometrial cancer. <b>2021</b> , 12, 4201-4216	3
484	Role and clinical significance of TGF-II and TGF-IR1 in malignant tumors (Review). 2021, 47,	17
483	Argonaute Proteins Take Center Stage in Cancers. <b>2021</b> , 13,	5
482	Comparison of miRNA expressions among benign, premalignant and malignant lesions of the larynx: could they be transformation biomarkers?. <b>2021</b> , 50, 14	1
481	Identification of Serum Circulating MicroRNAs as Novel Diagnostic Biomarkers of Gastric Cancer. <b>2020</b> , 11, 591515	6
480	MiR-30a-5p inhibits proliferation, migration and invasion of nasopharyngeal carcinoma cells by targeting NUCB2. <b>2021</b> , 40, 1274-1285	1
479	miR-378a-5p inhibits the proliferation of colorectal cancer cells by downregulating CDK1. <b>2021</b> , 19, 54	4
478	miR-16-5p Promotes Erythroid Maturation of Erythroleukemia Cells by Regulating Ribosome Biogenesis. <b>2021</b> , 14,	2
477	miR-509-3p Suppresses Migration, Invasion, and Epithelial- Mesenchymal Transition in Melanoma Cells by Targeting Collagen Triple Helix Repeat Containing 1. <b>2021</b> , 38, 177-182	
476	Prospects for miR-21 as a Target in the Treatment of Lung Diseases. <b>2021</b> , 27, 415-422	1
475	Expression of miR-127, miR-154, and miR-183 in Medullary Thyroid Carcinoma Tumors. <b>2021</b> , 50, 391-396	
474	The miR-136-5p/ROCK1 axis suppresses invasion and migration, and enhances cisplatin sensitivity in head and neck cancer cells. <b>2021</b> , 21, 317	7
473	acts via the miR-922/ axis to enhance malignant behavior of liver cancer cells. <b>2021</b> , 45,	1

472	miR-19a/b promote EMT and proliferation in glioma cells via SEPT7-AKT-NF- <b>B</b> pathway. <b>2021</b> , 20, 290-305	7
471	Altered expressions of circulating microRNAs 122 and 192 during antitubercular drug induced liver injury indicating their role as potential biomarkers. <b>2021</b> , 40, 1474-1484	2
470	Progress in DNA-based hydrogels for biosensing. 1-16	
469	miRNAs Involved in Esophageal Carcinogenesis and miRNA-Related Therapeutic Perspectives in Esophageal Carcinoma. <b>2021</b> , 22,	1
468	Current paradigms in epigenetic anticancer therapeutics and future challenges. 2021,	8
467	Involvement of microRNA in Solid Cancer: Role and Regulatory Mechanisms. 2021, 9,	5
466	The LncRNA RP11-301G19.1/miR-582-5p/HMGB2 axis modulates the proliferation and apoptosis of multiple myeloma cancer cells via the PI3K/AKT signalling pathway. <b>2021</b> ,	5
465	Clinical significance of miR-1298 in cervical cancer and its biological function. <b>2021</b> , 21, 401	1
464	The role of HOTAIR/miR-152-3p/LIN28B in regulating the progression of endometrial squamous carcinoma. <b>2021</b> , 17, 434-448	1
463	Low expression of AQP9 and its value in hepatocellular carcinoma <b>2021</b> , 10, 1826-1841	1
462	LncRNA DANCR regulates lymphatic metastasis of bladder cancer via the miR-335/VEGF-C axis. <b>2021</b> , 10, 1743-1753	6
461	The APEX1/miRNA-27a-5p axis plays key roles in progression, metastasis and targeted chemotherapy of gastric cancer. <b>2021</b> , 599, 120446	5
460	The microRNA analysis portal is a next-generation tool for exploring and analyzing miRNA-focused data in the literature. <b>2021</b> , 11, 9007	2
459	MicroRNA-653-5p Promotes Gastric Cancer Proliferation and Metastasis by Targeting the SOCS6-STAT3 Pathway. <b>2021</b> , 8, 655580	4
458	MicroRNA-27a promotes tumorigenesis in tongue squamous cell carcinoma by enhancing proliferation, migration and suppressing apoptosis. <b>2021</b> , 278, 4557-4567	1
457	STAT3/miR-135b/NF- <b>B</b> axis confers aggressiveness and unfavorable prognosis in non-small-cell lung cancer. <b>2021</b> , 12, 493	6
456	Taenia solium microRNAs: Potential Biomarkers and Drug Targets in Neurocysticercosis.	
455	Circular RNA hsa_circ_0000511 Improves Epithelial Mesenchymal Transition of Cervical Cancer by Regulating hsa-mir-296-5p/HMGA1. <b>2021</b> , 2021, 9964538	9

454	Lidocaine Promoted Ferroptosis by Targeting miR-382-5p /SLC7A11 Axis in Ovarian and Breast Cancer. <b>2021</b> , 12, 681223	9
453	MicroRNA-383-5p predicts favorable prognosis and inhibits the progression of diffuse large B-cell lymphoma. <b>2021</b> , 22, 515	1
452	Non-coding RNAs in Wilms' tumor: biological function, mechanism, and clinical implications. <b>2021</b> , 99, 1043-1055	
451	The Roles of Host Noncoding RNAs in Infection. <b>2021</b> , 12, 664787	4
450	Prognostic value of microRNA-378 in esophageal cancer and its regulatory effect on tumor progression. <b>2021</b> , 22, 704	1
449	Circular RNA Circ0021205 Promotes Cholangiocarcinoma Progression Through MiR-204-5p/RAB22A Axis. <b>2021</b> , 9, 653207	4
448	hsa_circ_0062019 promotes the proliferation, migration, and invasion of prostate cancer cells via the miR-195-5p/HMGA2 axis. <b>2021</b> , 53, 815-822	6
447	Circ_0038467 regulates lipopolysaccharide-mediated cell proliferation, apoptosis, and inflammatory response by miR-195-5p/TLR4 axis through NF- <b>B</b> pathway in MRC-5 cells. <b>2021</b> , 85, 1639-1649	О
446	Cure lies in nature: medicinal plants and endophytic fungi in curbing cancer. <b>2021</b> , 11, 263	4
445	Functions and Targets of miR-335 in Cancer. <b>2021</b> , 14, 3335-3349	3
444	Three plasma-based microRNAs as potent diagnostic biomarkers for endometrial cancer. <b>2021</b> , 31, 127-138	2
443	MicroRNA-221 Upregulates the Expression of P-gp and Bcl-2 by Activating the Stat3 Pathway to Promote Doxorubicin Resistance in Osteosarcoma Cells. <b>2021</b> , 44, 861-868	4
442	Anti-proliferation and pro-apoptosis effects of miR-582-5p in chronic lymphocytic leukemia via targeting HNRNPA1 and suppression of NF-B. 2021, 17, 357-365	2
441		2
	targeting HNRNPA1 and suppression of NF-B. 2021, 17, 357-365  Exosomal ncRNAs profiling of mycobacterial infection identified miRNA-185-5p as a novel	
441	Exosomal ncRNAs profiling of mycobacterial infection identified miRNA-185-5p as a novel biomarker for tuberculosis. <b>2021</b> , 22,  Serum long non-coding RNA NNT-AS1 protected by exosome is a potential biomarker and functions	2
441	Exosomal ncRNAs profiling of mycobacterial infection identified miRNA-185-5p as a novel biomarker for tuberculosis. 2021, 22,  Serum long non-coding RNA NNT-AS1 protected by exosome is a potential biomarker and functions as an oncogene via the miR-496/RAP2C axis in colorectal cancer. 2021, 24,  The HSF1/miR-135b-5p axis induces protective autophagy to promote oxaliplatin resistance	5

436	MiR-194-5p enhances the sensitivity of nonsmall-cell lung cancer to doxorubicin through targeted inhibition of hypoxia-inducible factor-1. <b>2021</b> , 19, 174	3
435	Stable duplex-linked antisense targeting miR-148a inhibits breast cancer cell proliferation. <b>2021</b> , 11, 11467	3
434	Regulation of angiogenesis by microRNAs in cancer. <b>2021</b> , 24,	4
433	miR-130-3p Promotes MTX-Induced Immune Killing of Hepatocellular Carcinoma Cells by Targeting EPHB4. <b>2021</b> , 2021, 4650794	1
432	A hybrid CNN-LSTM model for pre-miRNA classification. <b>2021</b> , 11, 14125	8
431	MicroRNA-490-3p and -490-5p in carcinogenesis: Separate or the same goal?. <b>2021</b> , 22, 678	O
430	Long noncoding RNA LINC01287 promotes proliferation and inhibits apoptosis of lung adenocarcinoma cells via the miR-3529-5p/RNASEH2A axis under the competitive endogenous RNA pattern. <b>2021</b> , 36, 2093-2104	5
429	Long noncoding RNA FER1L4 promotes the malignant processes of papillary thyroid cancer by targeting the miR-612/ Cadherin 4 axis. <b>2021</b> , 21, 392	1
428	Circulating microRNAs from the Molecular Mechanisms to Clinical Biomarkers: A Focus on the Clear Cell Renal Cell Carcinoma. <b>2021</b> , 12,	3
427	Micro-RNA: The darkhorse of cancer. <b>2021</b> , 83, 109995	4
426	MicroRNA-22 in female malignancies: Focusing on breast, cervical, and ovarian cancers. <b>2021</b> , 223, 153452	7
425	miR-671-5p repressed progression of papillary thyroid carcinoma via TRIM14. <b>2021</b> , 37, 983-990	0
424	Circ_0008673 regulates breast cancer malignancy by miR-153-3p/CFL2 axis. <b>2021</b> , 1	1
423	Uterine carcinosarcoma: An overview. <b>2021</b> , 163, 103369	3
422	Corrigendum. <b>2021</b> , 595, 2068	
421	Bioinformatics Analysis Predicts hsa_circ_0026337/miR-197-3p as a Potential Oncogenic ceRNA Network for Non-small Cell Lung Cancers. <b>2021</b> ,	1
420	MiR-181a promotes cell proliferation and migration through targeting KLF15 in papillary thyroid	0
	cancer. <b>2021</b> , 1	

## (2021-2021)

418	Nanoliposomal Delivery of MicroRNA-203 Suppresses Migration of Triple-Negative Breast Cancer through Distinct Target Suppression. <b>2021</b> , 7,	1
4 <del>1</del> 7	Paper-Based Electrochemical Biosensors for Voltammetric Detection of miRNA Biomarkers Using Reduced Graphene Oxide or MoS Nanosheets Decorated with Gold Nanoparticle Electrodes. <b>2021</b> , 11,	9
416	Inhibition of EMMPRIN by microRNA-124 suppresses the growth, invasion and tumorigenicity of gliomas. <b>2021</b> , 22, 930	О
415	Integrative Analysis Identified a 6-miRNA Prognostic Signature in Nasopharyngeal Carcinoma. <b>2021</b> , 9, 661105	
414	Circ_0000520 contributes to triple-negative breast cancer progression through mediating the miR-1296/ZFX axis. <b>2021</b> , 12, 2427-2438	4
413	MiR-186-5p suppresses cell migration, invasion, and epithelial mesenchymal transition in bladder cancer by targeting RAB27A/B. <b>2021</b> , 36, 2174-2185	3
412	RNA-binding protein RBM38 inhibits colorectal cancer progression by partly and competitively binding to PTEN 3'UTR with miR-92a-3p. <b>2021</b> , 36, 2436-2447	4
411	Circ_0003732 promotes osteosarcoma progression through regulating miR-377-3p/CPEB1 axis and Wnt/Etatenin signaling pathway. <b>2021</b> , 33,	O
410	MiRNAs and Cancer: Key Link in Diagnosis and Therapy. <b>2021</b> , 12,	6
409	Association of Exosomal miR-210 with Signaling Pathways Implicated in Lung Cancer. <b>2021</b> , 12,	3
409	Association of Exosomal miR-210 with Signaling Pathways Implicated in Lung Cancer. <b>2021</b> , 12, miR193a-5p Mediated ZNF746 and c-Myc Signaling Axis Is Critically Involved in Morusin Induced Apoptosis in Colorectal Cancer Cells. <b>2021</b> , 10,	1
, ,	miR193a-5p Mediated ZNF746 and c-Myc Signaling Axis Is Critically Involved in Morusin Induced	
408	miR193a-5p Mediated ZNF746 and c-Myc Signaling Axis Is Critically Involved in Morusin Induced Apoptosis in Colorectal Cancer Cells. <b>2021</b> , 10,  miR-934 promotes breast cancer metastasis by regulation of PTEN and epithelial-mesenchymal	1
408	miR193a-5p Mediated ZNF746 and c-Myc Signaling Axis Is Critically Involved in Morusin Induced Apoptosis in Colorectal Cancer Cells. <b>2021</b> , 10,  miR-934 promotes breast cancer metastasis by regulation of PTEN and epithelial-mesenchymal transition. <b>2021</b> , 71, 101581  LncRNA-TUG1 promotes the progression of infantile hemangioma by regulating miR-137/IGFBP5	1 5
408 407 406	miR193a-5p Mediated ZNF746 and c-Myc Signaling Axis Is Critically Involved in Morusin Induced Apoptosis in Colorectal Cancer Cells. <b>2021</b> , 10,  miR-934 promotes breast cancer metastasis by regulation of PTEN and epithelial-mesenchymal transition. <b>2021</b> , 71, 101581  LncRNA-TUG1 promotes the progression of infantile hemangioma by regulating miR-137/IGFBP5 axis. <b>2021</b> , 15, 50  Upregulation of miR-18a-5p promotes the proliferation of prostate cancer via inhibiting the	1 5 2
408 407 406 405	miR193a-5p Mediated ZNF746 and c-Myc Signaling Axis Is Critically Involved in Morusin Induced Apoptosis in Colorectal Cancer Cells. 2021, 10,  miR-934 promotes breast cancer metastasis by regulation of PTEN and epithelial-mesenchymal transition. 2021, 71, 101581  LncRNA-TUG1 promotes the progression of infantile hemangioma by regulating miR-137/IGFBP5 axis. 2021, 15, 50  Upregulation of miR-18a-5p promotes the proliferation of prostate cancer via inhibiting the expression of SLC40A1. 2021, 224, 153448  miR-129 Attenuates Myocardial Ischemia Reperfusion Injury by Regulating the Expression of PTEN	1 5 2
408 407 406 405 404	miR193a-5p Mediated ZNF746 and c-Myc Signaling Axis Is Critically Involved in Morusin Induced Apoptosis in Colorectal Cancer Cells. 2021, 10,  miR-934 promotes breast cancer metastasis by regulation of PTEN and epithelial-mesenchymal transition. 2021, 71, 101581  LncRNA-TUG1 promotes the progression of infantile hemangioma by regulating miR-137/IGFBP5 axis. 2021, 15, 50  Upregulation of miR-18a-5p promotes the proliferation of prostate cancer via inhibiting the expression of SLC40A1. 2021, 224, 153448  miR-129 Attenuates Myocardial Ischemia Reperfusion Injury by Regulating the Expression of PTEN in Rats. 2021, 2021, 5535788  Research updates on the clinical implication of long noncoding RNA in digestive system cancers and	1 5 2

400	LncRNA PSMA3-AS1 promotes cell proliferation, migration, and invasion in ovarian cancer by activating the PI3K/Akt pathway via the miR-378a-3p/GALNT3 axis. <b>2021</b> , 36, 2562-2577	1
399	The Role of Long Non-Coding RNA and microRNA Networks in Hepatocellular Carcinoma and Its Tumor Microenvironment. <b>2021</b> , 22,	3
398	miR-489-3p overexpression inhibits lipopolysaccharide-induced nucleus pulposus cell apoptosis, inflammation and extracellular matrix degradation via targeting Toll-like receptor 4. <b>2021</b> , 22, 1323	
397	Tanshinone I restrains osteosarcoma progression by regulating circ_0000376/miR-432-5p/BCL2 axis. <b>2021</b> , 1	3
396	circRNA_PTPRA functions as a sponge of miR-582-3p to regulate hepatocellular carcinoma cell proliferation, migration, invasion and apoptosis. <b>2021</b> , 22, 1276	2
395	miR-638 suppresses proliferation by negatively regulating high mobility group A1 in ovarian cancer cells. <b>2021</b> , 22, 1319	
394	Circular RNA ZNF609 enhances proliferation and glycolysis during glioma progression by miR-378b/SLC2A1 axis. <b>2021</b> , 13, 21122-21133	2
393	A Pilot Study of miRNA Expression Profile as a Liquid Biopsy for Full-Marathon Participants. <b>2021</b> , 9,	1
392	MicroRNA-23b-3p targets non-SMC condensing I complex subunit G to promote proliferation and inhibit apoptosis of colorectal cancer cells via regulation of the PI3K/AKT signaling pathway. <b>2021</b> , 22, 812	О
391	Metastatic pancreatic cancer: Mechanisms and detection (Review). 2021, 46,	2
390	Circular RNAs and their role in renal cell carcinoma: a current perspective. <b>2021</b> , 21, 469	1
389	Ratiometric fluorescent detection and imaging of microRNA in living cells with manganese dioxide nanosheet-active DNAzyme. <b>2021</b> , 233, 122518	4
388	MicroRNA-211 attenuates cell proliferation in T-cell lymphoblastic lymphoma through targeting TCF12. <b>2021</b> , 110, 106653	1
387	Regulation of MicroRNAs in Inflammation-Associated Colorectal Cancer: A Mechanistic Approach. <b>2021</b> , 21, 67-76	7
386	Dual Roles of Metal-Organic Frameworks as Nanocarriers for miRNA Delivery and Adjuvants for Chemodynamic Therapy. <b>2021</b> , 13, 6034-6042	24
385	Circular RNA circ_0000467 regulates colorectal cancer development via miR-382-5p/EN2 axis. <b>2021</b> , 12, 886-897	14
384	A Review on the Role of Nanosensors in Detecting Cellular miRNA Expression in Colorectal Cancer. <b>2021</b> , 21, 12-26	7
383	Role of Inflammation in the Development of Colorectal Cancer. <b>2021</b> , 21, 77-90	10

## (2011-2021)

382	Propofol suppresses non-small cell lung cancer tumorigenesis by regulation of circ-RHOT1/miR-326/FOXM1 axis. <b>2021</b> , 119042	3
381	Circulating miRNAs as Biomarker in Cancer. <b>2020</b> , 215, 277-298	19
380	Cognitive Dynamics of Research Routines: Case Study of MicroRNA. <b>2020</b> , 133-152	2
379	Regulation of p27(kip1) mRNA expression by microRNAs. <b>2010</b> , 50, 59-70	8
378	The Tumor Microenvironment as a Transient Niche: A Modulator of Epigenetic States and Stem Cell Functions. <b>2013</b> , 463-478	2
377	MicroRNAs in Cancer: From Diagnosis to Therapeutics. <b>2020</b> , 199-236	2
376	Non-coding RNA in bladder cancer. <b>2020</b> , 485, 38-44	28
375	Epigenetic in medullary thyroid cancer: the role of microRNA in tumorigenesis and prognosis. <b>2021</b> , 33, 9-15	3
374	High expression of microRNA 221 is a poor predictor for glioma. <b>2020</b> , 99, e23163	2
373	Putative roles as oncogene or tumour suppressor of the Mid-clustered microRNAs in Gallid alphaherpesvirus 2 (GaHV2) induced Marek's disease lymphomagenesis. <b>2017</b> , 98, 1097-1112	17
372	Identification of Circulating miR-762 as a Novel Diagnostic and Prognostic Biomarker for Non-Small Cell Lung Cancer. <b>2020</b> , 19, 1533033820964222	4
371	Non-randomness distribution of micro-RNAs on human chromosomes. <b>2019</b> , 20,	1
370	Molecular SERS Nanoprobes for Medical Diagnostics. <b>2017</b> , 289-306	1
369	The Effect of Long Non-Coding RNA (lncRNA) HCP5 on Regulating Epithelial-Mesenchymal Transition (EMT)-Related Markers in Gastric Carcinoma Is Partially Reversed by miR-27b-3p. <b>2020</b> , 26, e921383	6
368	MicroRNA-21 as a diagnostic marker for hepatocellular carcinoma: A systematic review and meta-analysis. <b>2019</b> , 35, 1466-1471	11
367	Novel primate-specific genes, RMEL 1, 2 and 3, with highly restricted expression in melanoma, assessed by new data mining tool. <b>2010</b> , 5, e13510	17
366	Differential expression of microRNAs in tumors from chronically inflamed or genetic (APC(Min/+)) models of colon cancer. <b>2011</b> , 6, e18501	57
365	Evidence for the complexity of microRNA-mediated regulation in ovarian cancer: a systems approach. <b>2011</b> , 6, e22508	38

364	A dual role for KRT81: a miR-SNP associated with recurrence in non-small-cell lung cancer and a novel marker of squamous cell lung carcinoma. <b>2011</b> , 6, e22509	45
363	MicroRNA-125b induces metastasis by targeting STARD13 in MCF-7 and MDA-MB-231 breast cancer cells. <b>2012</b> , 7, e35435	98
362	MicroRNA-34a mediates the autocrine signaling of PAR2-activating proteinase and its role in colonic cancer cell proliferation. <b>2013</b> , 8, e72383	34
361	Robust Selection Algorithm (RSA) for Multi-Omic Biomarker Discovery; Integration with Functional Network Analysis to Identify miRNA Regulated Pathways in Multiple Cancers. <b>2015</b> , 10, e0140072	8
360	MiR-138 Acts as a Tumor Suppressor by Targeting EZH2 and Enhances Cisplatin-Induced Apoptosis in Osteosarcoma Cells. <b>2016</b> , 11, e0150026	65
359	Circular RNA circ_SETD2 represses breast cancer progression via modulating the miR-155-5p/SCUBE2 axis. <b>2020</b> , 15, 940-953	5
358	Noncoding RNAs in Glioblastoma. 95-130	10
357	Long non-coding RNA NNT-AS1 promotes cholangiocarcinoma cells proliferation and epithelial-to-mesenchymal transition through down-regulating miR-203. <b>2020</b> , 12, 2333-2346	10
356	Identification of a competing endogenous RNA axis related to gastric cancer. 2020, 12, 20540-20560	3
355	Loss of MYC and E-box3 binding contributes to defective MYC-mediated transcriptional suppression of human MC-let-7a-1~let-7d in glioblastoma. <b>2016</b> , 7, 56266-56278	4
354	Prognostic relevance of miRNA-155 methylation in anaplastic glioma. <b>2016</b> , 7, 82028-82045	15
353	MiR-145 negatively regulates Warburg effect by silencing KLF4 and PTBP1 in bladder cancer cells. <b>2017</b> , 8, 33064-33077	49
352	WISP-3 inhibition of miR-452 promotes VEGF-A expression in chondrosarcoma cells and induces endothelial progenitor cells angiogenesis. <b>2017</b> , 8, 39571-39581	19
351	Cationic liquid crystalline nanoparticles for the delivery of synthetic RNAi-based therapeutics. <b>2017</b> , 8, 48222-48239	8
350	MicroRNA-638 inhibits cell proliferation, invasion and regulates cell cycle by targeting tetraspanin 1 in human colorectal carcinoma. <b>2014</b> , 5, 12083-96	68
349	MicroRNA-based regulation of Aurora A kinase in breast cancer. <b>2020</b> , 11, 4306-4324	4
348	MicroRNA-144 suppresses osteosarcoma growth and metastasis by targeting ROCK1 and ROCK2. <b>2015</b> , 6, 10297-308	67
347	CCL3 promotes angiogenesis by dysregulation of miR-374b/ VEGF-A axis in human osteosarcoma cells. <b>2016</b> , 7, 4310-25	57

## (2020-2016)

346	WISP-1 promotes VEGF-C-dependent lymphangiogenesis by inhibiting miR-300 in human oral squamous cell carcinoma cells. <b>2016</b> , 7, 9993-10005	30
345	Impaired expression of DICER and some microRNAs in HBZ expressing cells from acute adult T-cell leukemia patients. <b>2016</b> , 7, 30258-75	14
344	Reduction of gastric cancer proliferation and invasion by miR-15a mediated suppression of Bmi-1 translation. <b>2016</b> , 7, 14522-36	36
343	Basic fibroblast growth factor promotes VEGF-C-dependent lymphangiogenesis via inhibition of miR-381 in human chondrosarcoma cells. <b>2016</b> , 7, 38566-38578	23
342	MicroRNA-375 suppresses human colorectal cancer metastasis by targeting Frizzled 8. <b>2016</b> , 7, 40644-40656	38
341	MicroRNA-33a-3p suppresses cell migration and invasion by directly targeting PBX3 in human hepatocellular carcinoma. <b>2016</b> , 7, 42461-42473	35
340	Construction of a potential microRNA, transcription factor and mRNA regulatory network in hepatocellular carcinoma <b>2020</b> , 9, 5528-5543	1
339	Scenario and future prospects of microRNAs in gastric cancer: A review. <b>2019</b> , 22, 345-352	8
338	A Brief Review on The Molecular Basis of Medullary Thyroid Carcinoma. <b>2017</b> , 18, 485-492	15
337	rs6505162 Is Associated with The Increased Risk of Breast Cancer in Isfahan Central Province of Iran. <b>2020</b> , 22, 110-116	2
336	Relationship between rs6715345 Polymorphisms of MIR-375 Gene and rs4939827 of SMAD-7 Gene in Women with Breast Cancer and Healthy Women: A Case-Control Study. <b>2020</b> , 21, 2479-2484	2
335	isomiRs-Hidden Soldiers in the miRNA Regulatory Army, and How to Find Them?. <b>2020</b> , 11,	4
334	Emerging role of the KRAS-PDK1 axis in pancreatic cancer. <b>2014</b> , 20, 10752-7	27
333	MicroRNAs: Novel immunotherapeutic targets in colorectal carcinoma. <b>2016</b> , 22, 5317-31	44
332	miR-425-5p promotes cell proliferation, migration and invasion by directly targeting FOXD3 in hepatocellular carcinoma cells. <b>2019</b> , 20, 1883-1892	6
331	Downregulation of microRNA-126 is inversely correlated with insulin receptor substrate-1 protein expression in colorectal cancer and is associated with advanced stages of disease. <b>2020</b> , 20, 2411-2419	1
330	Role of microRNA-33a in malignant cells. <b>2020</b> , 20, 2537-2556	6
329	MicroRNA-623 inhibits tumor progression and is a predictor of poor prognosis of breast cancer. <b>2020</b> , 20, 386	1

328	MicroRNA-15a-5p promotes the proliferation and invasion of T98G glioblastoma cells via targeting cell adhesion molecule 1. <b>2021</b> , 21, 103	1
327	Plasma miRNA expression profile in the diagnosis of late-onset hypogonadism. <b>2016</b> , 18, 713-5	3
326	Molecular characteristics of meningiomas. <b>2020</b> , 54, 45-63	15
325	Epigenetics of gastroenteropancreatic neuroendocrine tumors: A clinicopathologic perspective. <b>2017</b> , 9, 341-353	12
324	Small Non-coding Transfer RNA-Derived RNA Fragments (tRFs): Their Biogenesis, Function and Implication in Human Diseases. <b>2015</b> , 13, 94-101	33
323	Study of miRNA Based Gene Regulation, Involved in Solid Cancer, by the Assistance of Argonaute Protein. <b>2016</b> , 14, 112-124	6
322	Identification of miRNAs Expression Profile in Gastric Cancer Using Self-Organizing Maps (SOM). <b>2014</b> , 10, 246-50	12
321	Circular RNA hsa_circ_0103552 Promotes Proliferation, Migration, and Invasion of Breast Cancer Cells through Upregulating Cysteine-Rich Angiogenic Inducer 61 (CYR61) Expression via Sponging MicroRNA-515-5p. <b>2021</b> , 255, 171-181	2
320	Long noncoding RNA SNHG16 functions as a tumor activator by sponging miR-373-3p to regulate the TGF-ER2/SMAD pathway in prostate cancer. <b>2021</b> , 24,	0
319	Circular RNA circPRKCI contributes to malignant progression of T-cell acute lymphoblastic leukemia by modulating miR-20a-5p/SOX4 axis. <b>2021</b> , 13, 23757-23768	1
318	Circ_0069718 promotes the progression of breast cancer by up-regulating NFIB through sequestering miR-590-5p. <b>2021</b> , 32, 517-529	0
317	Role of miR-490-3p in blocking bladder cancer growth through targeting the RNA-binding protein PCBP2. <b>2021</b> ,	
316	LncRNA GAPLINC Promotes Renal Cell Cancer Tumorigenesis by Targeting the miR-135b-5p/CSF1 Axis. <b>2021</b> , 11, 718532	0
315	miR-181a-2-3p Stimulates Gastric Cancer Progression Targeting MYLK. <b>2021</b> , 9, 687915	o
314	The novel circSLC6A6/miR-1265/C2CD4A axis promotes colorectal cancer growth by suppressing p53 signaling pathway. <b>2021</b> , 40, 324	0
313	Hippocampal miR-206-3p participates in the pathogenesis of depression via regulating the expression of BDNF. <b>2021</b> , 174, 105932	5
312	Development of recombinant viruses containing microRNA-regulated gene expression system. <b>2009</b> , 24, 572-581	
311	Serum and Plasma miRNA Detection. <b>2010</b> , 331-338	1

310	Therapeutic advances in women's cancers. <b>2011</b> , 3, 82-97	3
309	The CHO miRNA Transcriptome. <b>2012,</b> 49-64	2
308	- Pharmacogenomics for Individualized Therapy. <b>2013</b> , 118-143	
307	Pluripotency and Early Cell Fate Decisions are Orchestrated by microRNAs. 251-267	
306	MicroRNAs in Cancer Progression. <b>2014</b> , 29-46	
305	Rol biolgico y aplicaciones de los miRNAs en cficer de seno. <b>2014</b> , 16, 188	
304	A positive readout single transcript reporter for site-specific mRNA cleavage. <b>2017</b> , 5, e3602	O
303	Bone Cancer: Dysregulation of Signaling Cascades by microRNAs. <b>2018</b> , 119-128	
302	Multilayer network analysis of miRNA and protein expression profiles in breast cancer patients.	
301	Overexpression of SOX4 induces up-regulation of miR-126 and miR-195 in LNCaP prostate cancer cell line. <b>2020</b> , 72, 527-537	
300	Exploration of endogenous miRNA-200b/c activity and regulation through a functional dual fluorescence reporter.	
299	Jaagsiekte sheep retrovirus infection induces changes in microRNA expression in the ovine lung.	
298	Redox sensitive miR-27a/b/Nrf2 signaling in Cr(VI)-induced carcinogenesis. 2021, 151118	5
297	LncRNAs in the Development, Progression, and Therapy Resistance of Hormone-Dependent Cancer. <b>2020</b> , 255-276	
296	Overexpression of microRNA-145 inhibits tumorigenesis through autophagy in chemotherapy and radiation resistant neuroblastoma cells. <b>2020</b> , 7, 1-9	1
295	MiRNA-142-3P and FUS can be Sponged by Long Noncoding RNA to Promote Cell Proliferation in Acute Myeloid Leukemia. <b>2021</b> , 8, 754936	2
294	Circ-RNF121 regulates tumor progression and glucose metabolism by miR-1224-5p/FOXM1 axis in colorectal cancer. <b>2021</b> , 21, 596	2
293	Identification of keygenes, miRNAs and miRNA-mRNA regulatory pathways for chemotherapy resistance in ovarian cancer. <b>2021</b> , 9, e12353	

292	MiRNA-30e downregulation increases cancer cell proliferation, invasion and tumor growth through targeting RPS6KB1. <b>2021</b> , 13, 24037-24049	1
291	Therapeutic Potential of Modulating microRNAs in Atherosclerotic Vascular Disease. 2013,	2
290	Prognostic significance and anti-proliferation effect of microRNA-365 in hepatocellular carcinoma. <b>2015</b> , 8, 1705-11	25
289	MicroRNA-330-3p functions as an oncogene in human esophageal cancer by targeting programmed cell death 4. <b>2015</b> , 5, 1062-75	31
288	MicroRNA-135b regulates apoptosis and chemoresistance in colorectal cancer by targeting large tumor suppressor kinase 2. <b>2015</b> , 5, 1382-95	22
287	microRNA-363 plays a tumor suppressive role in osteosarcoma by directly targeting MAP2K4. <b>2015</b> , 8, 20157-67	11
286	Long non-coding RNA TUG1 promotes progression of oral squamous cell carcinoma through upregulating FMNL2 by sponging miR-219. <b>2017</b> , 7, 1899-1912	15
285	A three miRNAs signature for predicting the transformation of oral leukoplakia to oral squamous cell carcinoma. <b>2018</b> , 8, 1403-1413	10
284	The diagnostic and prognostic role of circulating miR-141 expression in non-small-cell lung cancer patients. <b>2018</b> , 11, 2597-2604	3
283	MicroRNAs and regulated interaction networks reveal differences between adult and pediatric acute myeloid leukemia. <b>2017</b> , 10, 10576-10583	
282	Role of microRNA in inner ear stem cells and related research progress. <b>2020</b> , 9, 16-24	3
281	Role and mechanism of miR-187 in human cancer. <b>2020</b> , 12, 4873-4884	
280	Downregulated microRNA-140-5p expression regulates apoptosis, migration and invasion of lung cancer cells by targeting zinc finger protein 800. <b>2020</b> , 20, 390	2
279	miR-4636 inhibits tumor cell proliferation, migration and invasion, and serves as a candidate clinical biomarker for gastric cancer. <b>2021</b> , 21, 33	3
278	Revisiting Lung Cancer Metastasis: Insight From the Functions of Long Non-coding RNAs. <b>2021</b> , 20, 153	30338211038488
277	Preliminary construction of a regulatory network of miRNAs in the pathogenesis of nucleus pulposus degeneration - a review based on data mining. <b>2021</b> , 13, 9919-9931	
276	MiR-199 Reverses the Resistance to Gemcitabine in Pancreatic Cancer by Suppressing Stemness through Regulating the Epithelial-Mesenchymal Transition. <b>2021</b> , 6, 31435-31446	O
275	Polymorphism rs2682818 participates in the progression of colorectal carcinoma via miR-618-TIMP1 regulatory axis. <b>2021</b> , 11, 23186	

274	LncRNA NEAT1 accelerates the proliferation, oxidative stress, inflammation and fibrosis and suppresses the apoptosis via miR-423-5p/GLIPR2 axis in diabetic nephropathy. <b>2021</b> , 79,	О
273	Circular RNA circPIP5K1A contributes to cancer stemness of osteosarcoma by miR-515-5p/YAP axis. <b>2021</b> , 19, 464	4
272	Predictive and Prognostic Value of an MicroRNA Signature for Gastric Carcinoma Undergoing Adjuvant Chemotherapy. <b>2021</b> , 40, 1428-1444	О
271	The inhibition of circular RNA circNOLC1 by propofol/STAT3 attenuates breast cancer stem cells function via miR-365a-3p/STAT3 signaling. <b>2021</b> , 19, 467	3
270	Exploration of Potential miRNA Biomarkers and Prediction for Ovarian Cancer Using Artificial Intelligence <b>2021</b> , 12, 724785	2
269	CircSETDB1 knockdown inhibits the malignant progression of serous ovarian cancer through miR-129-3p-dependent regulation of MAP3K3. <b>2021</b> , 14, 160	1
268	The microRNA-381(miR-381)/Spindlin1(SPIN1) axis contributes to cell proliferation and invasion of colorectal cancer cells by regulating the Wnt/Ecatenin pathway. <b>2021</b> ,	1
267	Circ_0059354 aggravates the progression of papillary thyroid carcinoma by elevating ARFGEF1 through sponging miR-766-3p. <b>2021</b> , 1	O
266	The miR-345-3p/PPP2CA signaling axis promotes proliferation and invasion of breast cancer cells <b>2021</b> ,	O
265	lncRNA KCNQ1OT1 regulated high glucose-induced proliferation, oxidative stress, extracellular matrix accumulation, and inflammation by miR-147a/SOX6 in diabetic nephropathy (DN) <b>2021</b> ,	O
264	Mir-129-2-3p Has Tumor Suppressor Role in Ewing Sarcoma Cell Lines and Cancer Tissue Samples. 64,	1
263	MiR-195-3p is a Novel Prognostic Biomarker Associated with Immune Infiltrates of Lung Adenocarcinoma <b>2022</b> , 15, 191-203	1
262	MiR-181c suppresses triple-negative breast cancer tumorigenesis by targeting MAP4K4 <b>2022</b> , 230, 153763	О
261	Downregulated microRNA-140-5p expression regulates apoptosis, migration and invasion of lung cancer cells by targeting zinc finger protein 800. <b>2020</b> , 20, 1-1	2
260	miR-4636 inhibits tumor cell proliferation, migration and invasion, and serves as a candidate clinical biomarker for gastric cancer. <b>2020</b> , 21, 1-1	5
259	Revisiting Lung Cancer Metastasis: Insight From the Functions of Long Non-coding RNAs. <b>2021</b> , 20, 15330338	2 <b>1</b> 10384
258	The Relationship Between the Network of Non-coding RNAs-Molecular Targets and N6-Methyladenosine Modification in Colorectal Cancer <b>2021</b> , 9, 772542	3
257	Functional assessment of miR-1291 in colon cancer cells <b>2022</b> , 60,	2

256	MiR-3918 Inhibits Tumorigenesis of Glioma via Targeting EGFR to Regulate PI3K/AKT and ERK Pathways <b>2022</b> , 72, 433	1
255	The Role of Androgen Receptor and microRNA Interactions in Androgen-Dependent Diseases <b>2022</b> , 23,	1
254	Pan-Cancer Analysis Reveals Genomic and Clinical Characteristics of TRPV Channel-Related Genes <b>2022</b> , 12, 813100	0
253	MicroRNA-20a-5p Inhibits the Autophagy and Cisplatin Resistance in Ovarian Cancer via Regulating DNMT3B-mediated DNA Methylation of RBP1 <b>2022</b> ,	2
252	LncRNA ubiquitin-binding protein domain protein 10 antisense RNA 1 inhibits colon adenocarcinoma progression via the miR-515-5p/slit guidance ligand 3 axis <b>2022</b> , 13, 2308-2320	0
251	Human bone marrow mesenchymal stem cells-derived exosomes attenuated prostate cancer progression via the miR-99b-5p/IGF1R axis <b>2022</b> , 13, 2004-2016	1
250	LncRNA FOXP4-AS promotes the progression of non-small cell lung cancer by regulating the miR-3184-5p/EIF5A axis <b>2021</b> ,	1
249	Epigenetic alterations induced by genotoxic occupational and environmental human chemical carcinogens: An update of a systematic literature review. <b>2022</b> , 789, 108408	2
248	Research on Correlations of miR-196a Expression with Progression and Prognosis of Cutaneous Squamous Cell Carcinoma <b>2022</b> , 15, 97-105	0
247	The Profile of MicroRNA Expression and Potential Role in the Regulation of Drug-Resistant Genes in Cisplatin- and Paclitaxel-Resistant Ovarian Cancer Cell Lines <b>2022</b> , 23,	4
246	MicroRNA-381 in human cancer: Its involvement in tumour biology and clinical applications potential <b>2022</b> ,	1
245	GPX7 Is Targeted by miR-29b and GPX7 Knockdown Enhances Ferroptosis Induced by Erastin in Glioma <b>2021</b> , 11, 802124	2
244	Identification of candidate targets and mechanisms involved in miRNA regulation in multiple myeloma <b>2022</b> , 20, 23	1
243	Hypoxia-Induced miR-378a-3p Inhibits Osteosarcoma Invasion and Epithelial-to-Mesenchymal Transition Regulation <b>2021</b> , 12, 804952	1
242	miR-199b-3p contributes to acquired resistance to cetuximab in colorectal cancer by targeting CRIM1 via Wnt/Ecatenin signaling <b>2022</b> , 22, 42	1
241	Reviewing the potential application of miR-21 inhibitors in oral cancer therapeutics <b>2022</b> , 125, 105713	3
240	MiR-520h inhibits viability and facilitates apoptosis of KGN cells through modulating IL6R and the JAK/STAT pathway <b>2022</b> , 22, 100607	O
239	Let-7i-5p promotes a malignant phenotype in nasopharyngeal carcinoma via inhibiting tumor-suppressive autophagy <b>2022</b> , 531, 14-14	1

238	Long non-coding RNA DSCAM-AS1 promotes pancreatic cancer progression via regulating the miR-136-5p/PBX3 axis <b>2022</b> , 13, 4153-4165	0
237	SPINKs in Tumors: Potential Therapeutic Targets <b>2022</b> , 12, 833741	O
236	MicroRNA Profile Alterations in Parathyroid Carcinoma: Latest Updates and Perspectives 2022, 14,	0
235	Downregulation of miR-26 promotes invasion and metastasis via targeting interleukin-22 in cutaneous T-cell lymphoma <b>2022</b> ,	1
234	Circ_0120175 promotes laryngeal squamous cell carcinoma development through up-regulating SLC7A11 by sponging miR-330-3p <b>2022</b> , 1	0
233	UBE2L3 promotes squamous cell carcinoma progression in the oral cavity and hypopharynx via activating the NF- <b>B</b> signaling by increasing I <b>B</b> Edegradation <b>2022</b> ,	O
232	LncRNA HCP5 enhances the proliferation and migration of cervical cancer via miR-216a-5p/CDC42 axis <b>2022</b> , 13, 1882-1894	O
231	circ_0020123 promotes cell proliferation and migration in lung adenocarcinoma via PDZD8 <b>2022</b> , 17, 536-549	O
230	lncRNA ACTA2-AS1 inhibits malignant phenotypes of gastric cancer cells 2022, 17, 266-279	3
229	Pathophysiology rolesr and translational opportunities of miRNAs in breast cancer. 2022, 195-201	
228	MicroRNAs and Corresponding Targets in Esophageal Cancer as Shown and in Preclinical Models <b>2022</b> , 19, 113-129	1
227	Circular RNA circASPM promotes the progression of glioblastoma by acting as a competing endogenous RNA to regulate miR-130b-3p/E2F1 axis <b>2022</b> , 13, 1664-1678	O
226	CD105: tumor diagnosis, prognostic marker and future tumor therapeutic target 2022, 1	0
225	MiR-597-5p suppresses the progression of hepatocellular carcinoma via targeting transcriptional enhancer associate domain transcription factor 1 (TEAD1) <b>2022</b> , 58, 96	
224	HOXA13 promotes gastric cancer progression partially via the FN1-mediated FAK/Src axis <b>2022</b> , 11, 7	0
223	MiR-1297 and MiR-26a-5p Inhibit Cell Progression of Keratinocytes in Cholesteatoma Depending on the Regulation of BMI1. <b>2022</b> , 27, 79-88	
222	Mapping Research on miRNAs in Cancer: A Global Data Analysis and Bibliometric Profiling Analysis <b>2022</b> , 29, 66-80	
221	The Mechanism Underlying the ncRNA Dysregulation Pattern in Hepatocellular Carcinoma and Its Tumor Microenvironment <b>2022</b> , 13, 847728	1

220	Circulating Serum MiRNA-8074 as a Novel Prognostic Biomarker for Multiple Myeloma 2022, 11,	O
219	The Lymph Node Microenvironment May Invigorate Cancer Cells With Enhanced Metastatic Capacities <b>2022</b> , 12, 816506	O
218	Biological Functions and Molecular Mechanisms of MiR-608 in Cancer <b>2022</b> , 12, 870983	O
217	Ultrasound-targeted microbubble destruction (UTMD)-mediated miR-150-5p attenuates oxygen and glucose deprivation-induced cardiomyocyte injury by inhibiting TTC5 expression <b>2022</b> , 1	
216	Clinical significance of FBXW7 loss of function in human cancers 2022, 21, 87	3
215	XGEM: Predicting Essential miRNAs by the Ensembles of Various Sequence-Based Classifiers With XGBoost Algorithm <b>2022</b> , 13, 877409	1
214	miR-200a-3p promoted cell proliferation and metastasis by downregulating SOX17 in non-small cell lung cancer cells <b>2022</b> , e23037	
213	Unveiling Potential Mechanisms of Spatholobi Caulis against Lung Metastasis of Malignant Tumor by Network Pharmacology and Molecular Docking <b>2022</b> , 2022, 1620539	O
212	hsa-miR-875-5p inhibits tumorigenesis and suppresses TGF-Bignalling by targeting USF2 in gastric cancer <b>2022</b> , 20, 115	O
211	Impact of 6 month conjugated equine estrogen versus estradiol-treatment on biomarkers and enriched gene sets in healthy mammary tissue of non-human primates <b>2022</b> , 17, e0264057	
210	CircATIC inhibits esophageal carcinoma progression and promotes radiosensitivity by elevating RHCG through sponging miR-10-3p <b>2022</b> ,	1
209	miR-93-5p suppresses ovarian cancer malignancy and negatively regulate CCND2 by binding to its 3'UTR region <b>2022</b> , 13, 15	1
208	BK002 Induces miR-192-5p-Mediated Apoptosis in Castration-Resistant Prostate Cancer Cells Modulation of PI3K/CHOP <b>2022</b> , 12, 791365	O
207	Identification of miRNA signature for predicting the prognostic biomarker of squamous cell lung carcinoma <b>2022</b> , 17, e0264645	1
206	Emerging function and clinical significance of extracellular vesicle noncoding RNAs in lung cancer	
	<b>2022</b> , 24, 814-833	2
205		0
205	2022, 24, 814-833  High Expression of MicroRNA-200a/b Indicates Potential Diagnostic and Prognostic Biomarkers in	

202	Non-coding genome in small cell lung cancer between theoretical view and clinical applications <b>2022</b> ,	O
201	A review: Pharmacology and pharmacokinetics of Schisandrin A <b>2022</b> ,	1
200	Identification and evaluation of circulating small extracellular vesicle microRNAs as diagnostic biomarkers for patients with indeterminate pulmonary nodules <b>2022</b> , 20, 172	1
199	Melatonin inhibits the malignant progression of glioblastoma via regulating miR-16-5p/PIM1 2022,	О
198	Long non-coding RNA LINC01004 promotes malignant behaviors of pituitary adenoma via miR-323a-3p/136-5p/RCN2 axis <b>2022</b> , 234, 153884	O
197	Propofol suppresses non-small cell lung cancer progression by modulating circ_0001727/miR-516b-5p/LRRC1 axis. <b>2022</b> , 65,	
196	miR-3150a-3p, miR-6883-3p and miR-627-5p participate in the phycocyanin-mediated growth diminishment of A549 cells, via regulating a common target toll/interleukin 1 receptor domain-containing adaptor protein. <b>2022</b> , 91, 105011	
195	miR-340-5p affects oral squamous cell carcinoma (OSCC) cells proliferation and invasion by targeting endoplasmic reticulum stress proteins <b>2022</b> , 174820	2
194	HOXA-AS2 enhances GBM cell malignancy by suppressing miR-2116-3p thereby upregulating SERPINA3 <b>2022</b> , 22, 366	o
193	Autophagy Induced by BCL2-Related ceRNA Network Participates in the Occurrence of COPD <b>2022</b> , 17, 791-808	О
192	Targeting metabolism: A potential strategy for hematological cancer therapy. <b>2022</b> , 10, 2990-3004	
191	Circulating microRNAs in Medicine <b>2022</b> , 23,	1
190	Circ_0020123 plays an oncogenic role in non-small cell lung cancer depending on the regulation of miR-512-3p/CORO1C <b>2022</b> ,	0
189	Non-enzymatic detection of miR-21 in cancer cells using a homogeneous mix-and-read smart probe assay <b>2022</b> , 114601	
188	LncRNA GIHCG promoted the proliferation and migration of renal cell carcinoma through regulating miR-499a-5p/XIAP axis <b>2022</b> , 20, 101356	1
187	Identification of the upstream regulators of KDM5B in gastric cancer <b>2022</b> , 120458	О
186	Exosomal microRNAs synergistically trigger stromal fibroblasts in breast cancer 2022, 28, 17-31	1
185	miR-23b-3p Inhibits the Oncogenicity of Colon Adenocarcinoma by Directly Targeting NFE2L3 <b>2021</b> , 2021, 8493225	1

184	High expression of SETDB1 mediated by miR-29a-3p associates with poor prognosis and immune invasion in breast invasive carcinoma <b>2021</b> , 10, 5065-5075	3
183	MicroRNA-603 Promotes Progression of Cutaneous Melanoma by Regulating TBX5 <b>2021</b> , 2021, 1888501	Ο
182	Biological features between miRNAs and their targets are unveiled from deep learning models. <b>2021</b> , 11, 23825	
181	Circular RNA_0000326 promotes bladder cancer progression via microRNA-338-3p/ETS Proto-Oncogene 1/phosphoinositide-3 kinase/Akt pathway. <b>2021</b> , 12, 11410-11422	3
180	MicroRNA-98-5p modulates cervical cancer progression via controlling PI3K/AKT pathway <b>2021</b> , 12, 10596-10607	2
179	The Overexpression of TOB1 Induces Autophagy in Gastric Cancer Cells by Secreting Exosomes <b>2022</b> , 2022, 7925097	1
178	Leveraging Extracellular Non-coding RNAs to Diagnose and Treat Heart Diseases 2022, 1	O
177	Circ_0001971 makes progress of oral squamous cell carcinoma by targeting miR-107/FZD4 axis <b>2022</b> ,	O
176	Development an Immune-Related MicroRNA Risk Index in Hepatocellular Carcinoma <b>2022</b> , 2022, 5224434	
175	Exosomal and Non-Exosomal MicroRNAs: New Kids on the Block for Cancer Therapy <b>2022</b> , 23,	Ο
174	LINC00511 enhances LUAD malignancy by upregulating GCNT3 via miR-195-5p 2022, 22, 389	O
173	Identification of Serum miRNAs as Effective Diagnostic Biomarkers for Distinguishing Primary Central Nervous System Lymphoma from Glioma <b>2022</b> , 2022, 5052609	
172	Evaluating adipose-derived stem cell exosomes as miRNA drug delivery systems for the treatment of bladder cancer <b>2022</b> ,	О
171	Dynamic surface tension probe for measuring the concentration of extracellular vesicles <b>2022</b> , 609, 189-194	1
170	Data_Sheet_1.xls. <b>2020</b> ,	
169	Data_Sheet_1.docx. 2019,	
168	DataSheet_1.doc. <b>2020</b> ,	
167	lmage_1.pdf. <b>2020</b> ,	

## (2022-2020)

166	Table_1.pdf. <b>2020</b> ,	
165	Table_2.pdf. <b>2020</b> ,	
164	Table_3.pdf. <b>2020</b> ,	
163	Table_4.pdf. <b>2020</b> ,	
162	Table_5.pdf. <b>2020</b> ,	
161	c-Myb-mediated inhibition of miR-601 in facilitating malignance of osteosarcoma via augmentation of PKMYT1 <b>2022</b> , 12, 6692	
160	MicroRNA-200b-3p restrains gastric cancer cell proliferation, migration, and invasion via C-X-C motif chemokine ligand 12/CXC chemokine receptor 7 axis <b>2022</b> , 13, 6509-6520	3
159	[Identification of onco-miRNAs in hepatocellular carcinoma and analysis of their regulatory network] <b>2022</b> , 42, 45-54	
158	Linc00662 plays an oncogenic role in bladder cancer by sponging miR-199a-5p <b>2021</b> , 13, 12673-12683	
157	The Common miRNAs between Tuberculosis and Non-Small Cell Lung Cancer: A Critical Review <b>2021</b> , 20, 197-208	
156	Dissection of the microRNA Network Regulating Hedgehog Signaling in <b>2022</b> , 10, 866491	
155	Prognostic Potential of MicroRNAs in Glioma Patients: A Meta-Analysis.	
154	MicroRNA-Based Diagnosis and Therapeutics for Vascular Cognitive Impairment and Dementia <b>2022</b> , 13, 895316	O
153	ROS-Related miRNAs Regulate Immune Response and Chemoradiotherapy Sensitivity in Hepatocellular Carcinoma by Comprehensive Analysis and Experiment <b>2022</b> , 2022, 4713518	O
152	The Progress and Promise of RNA Medicine-An Arsenal of Targeted Treatments 2022,	3
151	Circulating exosome-derived miR-122-5p is a novel biomarker for prediction of postoperative atrial fibrillation <b>2022</b> , 1	O
150	The interaction between ETS transcription factor family members and microRNAs: A novel approach to cancer therapy. <b>2022</b> , 150, 113069	1
149	Circ_0000274 contributes to renal cell carcinoma progression by regulating miR-338-3p/NUCB2 axis and JAK1/STAT3 pathway <b>2022</b> , 101626	

148	Role of miRNAs in Human T Cell Leukemia Virus Type 1 Induced T Cell Leukemia: A Literature Review and Bioinformatics Approach. <b>2022</b> , 23, 5486	O
147	Bioactive cytomembrane@poly(citrate-peptide)-miRNA365 nanoplatform with immune escape and homologous targeting for colon cancer therapy. <b>2022</b> , 100294	O
146	MicroRNAs in peripheral artery disease: potential biomarkers and pathophysiological mechanisms <b>2022</b> , 16, 17539447221096940	O
145	MiR-103a-3p Contributes to the Progression of Colorectal Cancer by Regulating GREM2 Expression. <b>2022</b> , 63, 520	O
144	The Profile of MicroRNA Expression and Potential Role in the Regulation of Drug-Resistant Genes in Doxorubicin and Topotecan Resistant Ovarian Cancer Cell Lines. <b>2022</b> , 23, 5846	1
143	Exosomal Non-coding RNAs have a Significant Effect on Tumor Metastasis. 2022,	1
142	Identification of Potential Biomarkers for Pan-Cancer Diagnosis and Prognosis Through the Integration of Large-Scale Transcriptomic Data. 13,	1
141	MiR -200c-3p and miR -485-5p overexpression elevates cisplatin sensitivity and suppresses the malignant phenotypes of nonâāmall cell lung cancer cells through targeting RRM2.	
140	Identification of Peripheral Blood miRNA Biomarkers in First-Episode Drug-Free Schizophrenia Patients Using Bioinformatics Strategy.	О
139	Potential of Aqueous Humor as a Liquid Biopsy for Uveal Melanoma. <b>2022</b> , 23, 6226	2
138	High Mobility Group Proteins in Sepsis. 13,	2
137	Urinary MicroRNA Sensing Using Electrochemical Biosensor to Evaluate Colorectal Cancer Progression. <b>2022</b> , 10, 1434	O
136	MiR-4268 suppresses gastric cancer genesis through inhibiting keratin 80. 1-14	1
135	Hsa_circ_0000437 inhibits the development of endometrial carcinoma through miR-626/CDKN1B axis. <b>2022</b> , 29,	
134	HIF-1-mediated augmentation of miRNA-18b-5p facilitates proliferation and metastasis in osteosarcoma through attenuation PHF2. <b>2022</b> , 12,	0
133	Upregulated miRNAs on the TP53 and RB1 Binding Seedless Regions in High-Risk HPV-Associated Penile Cancer. 13,	1
132	Discovery of a Novel Small-Molecule Inhibitor Disrupting TRBPâ <b>D</b> icer Interaction against Hepatocellular Carcinoma via the Modulation of microRNA Biogenesis.	O
131	CircCERS6 Suppresses the Development of Epithelial Ovarian Cancer Through Mediating miR-630/RASSF8.	O

130 Advantages of Noncoding RNAs in Molecular Diagnosis.

129	miR-590-5p Targets Skp2 to Inhibit the Growth and Invasion of Malignant Melanoma Cells. <b>2022</b> , 2022, 1-9	
128	Genome-Wide Analysis of microRNAs Identifies the Lipid Metabolism Pathway to Be a Defining Factor in Adipose Tissue From Different Sheep. 9,	O
127	Hsa-let-7c-5p, hsa-miR-130b-3p, and hsa-miR-142-3p as Novel miRNA Biomarkers for Melanoma Progression. <b>2022</b> , 2022, 1-12	1
126	miR-6071 inhibits hepatocellular carcinoma progression via targeting PTPN11. 2022, 727, 109345	
125	HDAC2- and EZH2-Mediated Histone Modifications Induce PDK1 Expression through miR-148a Downregulation in Breast Cancer Progression and Adriamycin Resistance. <b>2022</b> , 14, 3600	o
124	Diagnostic Value of Prostate-Specific Antigen Combined with Plasma miRNA-149 Expression in Patients with Prostate Cancer Based on Experimental Data and Bioinformatics. <b>2022</b> , 2022, 1-7	
123	Circular RNA ROCK1, a novel circRNA, suppresses osteosarcoma proliferation and migration via altering the miR-532-5p/PTEN axis.	O
122	Extracellular vesicles as an emerging drug delivery system for cancer treatment: Current strategies and recent advances. <b>2022</b> , 153, 113480	2
121	Identification of Critical miRNAs as Novel Diagnostic Markers for Laryngeal Squamous Cell Carcinoma. <b>2022</b> , 2022, 1-7	
120	Construction of a Diagnostic Model for Distinguishing Benign or Malignant Bone Cancer by Mining miRNA Expression Data.	
119	miR-3154 promotes hepatocellular carcinoma progression via suppressing HNF4⊞	1
118	miR-3168 promotes hepatocellular carcinoma progression via downregulating p53.	
117	MiR-579 Inhibits Lung Adenocarcinoma Cell Proliferation and Metastasis via Binding to CRABP2. <b>2022</b> , 2022, 1-9	1
116	Prognostic Signature and Therapeutic Value Based on Membrane Lipid Biosynthesis-Related Genes in Breast Cancer. <b>2022</b> , 2022, 1-16	О
115	Plasma exosomal miR-1260a, miR-7977 and miR-192-5p as diagnostic biomarkers in epithelial ovarian cancer. <b>2022</b> , 18, 2919-2931	О
114	MiR-27a-3p binds to TET1 mediated DNA demethylation of ADCY6 regulates breast cancer progression via epithelial-mesenchymal transition. 12,	0
113	Identification of Potential Biomarkers of Platelet RNA in Glioblastoma by Bioinformatics Analysis. <b>2022</b> , 2022, 1-15	

112	The evaluation expression of non-coding RNAs in response to HSV-G47âlbncolytic virus infection in glioblastoma multiforme cancer stem cells.	1
111	Using bioinformatics approaches to identify survival-related oncomiRs as potential targets of miRNA-based treatments for lung adenocarcinoma. <b>2022</b> ,	
110	CircRNA 0009043 suppresses non-small-cell lung cancer development via targeting the miR-148a-3p/DNAJB4 axis. <b>2022</b> , 10,	
109	MiR-504-3p Has Tumor-Suppressing Activity and Decreases IFITM1 Expression in Non-Small Cell Lung Cancer Cells. <b>2022</b> , 26, 351-359	
108	Role of noncoding RNAs and untranslated regions in cancer: A review. <b>2022</b> , 101, e30045	1
107	Targeting epigenetic regulators for inflammation: Mechanisms and intervention therapy. <b>2022</b> , 3,	O
106	Regulation of Glial Function by Noncoding RNA in Central Nervous System Disease.	0
105	Flavonoids as regulators of TIMPs expression in cancer: Consequences, opportunities, and challenges. <b>2022</b> , 308, 120932	2
104	Functional high-throughput screen identifies microRNAs that promote butyrate-induced death in colorectal cancer cells. <b>2022</b> , 30, 30-47	O
103	Recent advances of non-coding RNAs in ovarian cancer prognosis and therapeutics. <b>2022</b> , 14, 17588359	2211186
103	Recent advances of non-coding RNAs in ovarian cancer prognosis and therapeutics. <b>2022</b> , 14, 17588359.  Effect of Inhalation Anesthetics on Tumor Metastasis. <b>2022</b> , 21, 153303382211210	221118 <b>0</b> O
102	Effect of Inhalation Anesthetics on Tumor Metastasis. <b>2022</b> , 21, 153303382211210	О
102	Effect of Inhalation Anesthetics on Tumor Metastasis. 2022, 21, 153303382211210  Applications of SERS in biochemical and medical analysis. 2022, 375-408  circRNA mannosidase alpha class 1A member 2 contributes to the proliferation and motility of papillary thyroid cancer cells through upregulating metadherin via absorbing microRNA-449a.	0
102	Effect of Inhalation Anesthetics on Tumor Metastasis. 2022, 21, 153303382211210  Applications of SERS in biochemical and medical analysis. 2022, 375-408  circRNA mannosidase alpha class 1A member 2 contributes to the proliferation and motility of papillary thyroid cancer cells through upregulating metadherin via absorbing microRNA-449a. Publish Ahead of Print,  STAM binding protein regulated by hsa_circ_0007334 exerts oncogenic potential in pancreatic	0 0
102 101 100	Effect of Inhalation Anesthetics on Tumor Metastasis. 2022, 21, 153303382211210  Applications of SERS in biochemical and medical analysis. 2022, 375-408  circRNA mannosidase alpha class 1A member 2 contributes to the proliferation and motility of papillary thyroid cancer cells through upregulating metadherin via absorbing microRNA-449a. Publish Ahead of Print,  STAM binding protein regulated by hsa_circ_0007334 exerts oncogenic potential in pancreatic cancer. 2022,  MiRNA as a Potential Target for Multiple Myeloma Therapyâturrent Knowledge and Perspectives.	0 0
102 101 100 99 98	Effect of Inhalation Anesthetics on Tumor Metastasis. 2022, 21, 153303382211210  Applications of SERS in biochemical and medical analysis. 2022, 375-408  circRNA mannosidase alpha class 1A member 2 contributes to the proliferation and motility of papillary thyroid cancer cells through upregulating metadherin via absorbing microRNA-449a. Publish Ahead of Print,  STAM binding protein regulated by hsa_circ_0007334 exerts oncogenic potential in pancreatic cancer. 2022,  MiRNA as a Potential Target for Multiple Myeloma Therapyâturrent Knowledge and Perspectives. 2022, 12, 1428  Identification of potential core genes and miRNAs in pediatric ACC <i>via</i>	O O O O

94	Salvia miltiorrhiza in cancer: Potential role in regulating MicroRNAs and epigenetic enzymes. 13,	0
93	Systematic pan-cancer analysis on the expression and role of regulator of chromatin condensation 1/small nucleolar RNA host gene 3/small nucleolar RNA host gene 12.9,	O
92	An immune-related microRNA signature prognostic model for pancreatic carcinoma and association with immune microenvironment. <b>2022</b> , 12,	О
91	Clinical impact of bile-derived exosomal miRNAs as novel diagnostic and prognostic biomarkers for biliary tract cancers.	O
90	Exosome-mediated transfer of circ_0063526 enhances cisplatin resistance in gastric cancer cells via regulating miR-449a/SHMT2 axis. Publish Ahead of Print,	О
89	Multi-omics analysis of an in vitro photoaging model and protective effect of umbilical cord mesenchymal stem cell-conditioned medium. <b>2022</b> , 13,	O
88	Silencing circFTO inhibits malignant phenotype through modulating DUSP4 expression in clear cell renal cell carcinoma. <b>2022</b> , 8,	О
87	Integrative Bioinformatics Analysis Reveals That miR-524-5p/MEF2C Regulates Bone Metastasis in Prostate Cancer and Breast Cancer. <b>2022</b> , 2022, 1-13	O
86	Microarray data analysis to identify miRNA biomarkers and construct the lncRNA-miRNA-mRNA network in lung adenocarcinoma. <b>2022</b> , 101, e30393	О
85	Focus on long non-coding RNA MALAT1: Insights into acute and chronic lung diseases. 13,	1
84	Effects of writers, erasers and readers within miRNA-related m6A modification in cancers.	О
83	Application of miRNA Biomarkers in Predicting Overall Survival Outcomes for Lung Adenocarcinoma. <b>2022</b> , 2022, 1-15	O
82	MiR-203a-3p, miR-204-3p, miR-222-3p as useful diagnostic and prognostic tool for thyroid neoplasia spectrum.	О
81	Rapid quantification of miRNAs using dynamic FRET-FISH. <b>2022</b> , 5,	O
80	Analysis of LINC01314 and miR-96 Expression in Colorectal Cancer Patients via Tissue Microarray-Based Fluorescence In Situ Hybridization. <b>2022</b> , 2022, 1-10	О
79	Anti-cancer effect and potential microRNAs targets of ginsenosides against breast cancer. 13,	1
78	Circular RNA circ-AGFG1 contributes to esophageal squamous cell carcinoma progression and glutamine catabolism by targeting microRNA-497-5p/solute carrier family 1 member 5 axis. Publish Ahead of Print,	О
77	Cinnamtannin B-1 inhibits the progression of osteosarcoma by regulating the miR-1281/PPIF axis. <b>2022</b> ,	Ο

76	Immune regulation and emerging roles of noncoding RNAs in Mycobacterium tuberculosis infection. 13,	Ο
75	The effect of narcotics on ferroptosis-related molecular mechanisms and signalling pathways. 13,	O
74	MicroRNA-499-5p regulates vascular smooth muscle cell proliferation and migration via targeting SOX6.	2
73	Identification of Immune and Hypoxia Risk Classifier to Estimate Immune Microenvironment and Prognosis in Cervical Cancer. <b>2022</b> , 2022, 1-20	1
<del>7</del> 2	Regulatory effects of miRNA-19a on MAD2 expression and tumorigenesis in gastric cancer.	Ο
71	Regulators of epigenetic change in ferroptosis-associated cancer (Review). 2022, 48,	O
70	Downregulation of hsa-miR-135b-5p Inhibits Cell Proliferation, Migration, and Invasion in Colon Adenocarcinoma. <b>2022</b> , 2022, 1-19	0
69	Estrogen receptor alpha mutations regulate gene expression and cell growth in breast cancer through microRNAs.	O
68	Genetics and epigenetics in conventional chondrosarcoma with focus on non-coding RNAs. <b>2022</b> , 239, 154172	1
67	KIAA1199 Correlates With Tumor Microenvironment and Immune Infiltration in Lung Adenocarcinoma as a Potential Prognostic Biomarker. 28,	O
66	Noncoding RNA PVT1 in osteosarcoma: The roles of lncRNA PVT1 and circPVT1. <b>2022</b> , 8,	0
65	Integrated analysis identified prognostic microRNAs in breast cancer. <b>2022</b> , 22,	1
64	Downregulation of miR-451 in cholangiocarcinoma help the diagnsosi and promotes tumor progression. <b>2022</b> , 23,	0
63	Coordinated regulation of microRNA genes in C19MC by SETDB1. <b>2022</b> , 637, 17-22	Ο
62	Electrochemical microfluidic paper-based analytical devices for tumor marker detection. <b>2022</b> , 157, 116816	0
61	HEY1-mediated cisplatin resistance in lung adenocarcinoma via epithelialâfhesenchymal transition. <b>2023</b> , 40,	О
60	Regulation of non-coding RNA promoters. <b>2023</b> , 53-76	0
59	Coexpression network analysis of human candida infection reveals key modules and hub genes responsible for host-pathogen interactions. 13,	O

58	Analysis of the key ligand receptor CADM1_CADM1 in the regulation of thyroid cancer based on scRNA-seq and bulk RNA-seq data. 13,	О
57	CAF-Released Exosomal miR-20a-5p Facilitates HCC Progression via the LIMA1-Mediated Ecatenin Pathway. <b>2022</b> , 11, 3857	1
56	Initial clinical and experimental analyses of ALDOA in gastric cancer, as a novel prognostic biomarker and potential therapeutic target.	О
55	MicroRNAs in doxorubicin-induced cardiotoxicity: The DNA damage response. 13,	O
54	Towards the Search for Potential Biomarkers in Osteosarcoma: State-of-the-Art and Translational Expectations. <b>2022</b> , 23, 14939	3
53	MiR-101: An Important Regulator of Gene Expression and Tumor Ecosystem. <b>2022</b> , 14, 5861	0
52	MicroRNA-455-3p accelerate malignant progression of tumor by targeting H2AFZ in colorectal cancer. 1-19	1
51	Non-Apoptotic Programmed Cell Death in Thyroid Diseases. <b>2022</b> , 15, 1565	О
50	Intelligent nanotherapeutic strategies for the delivery of CRISPR system. 2022,	О
49	A novel lnc-LAMC2-1:1 SNP promotes colon adenocarcinoma progression by targeting miR-216a-3p/HMGB3. <b>2022</b> , 8, e12342	0
48	A Highly Sensitive Urinary Exosomal miRNAs Biosensor Applied to Evaluation of Prostate Cancer Progression. <b>2022</b> , 9, 803	О
47	Spotlight on a Short-Time Treatment with the IL-4/IL-13 Receptor Blocker in Patients with CRSwNP: microRNAs Modulations and Preliminary Clinical Evidence. <b>2022</b> , 13, 2366	O
46	Ability of the Right Ventricle to Serve as a Systemic Ventricle in Response to the Volume Overload at the Neonatal Stage. <b>2022</b> , 11, 1831	О
45	Useful genes for predicting the efficacy of transarterial chemoembolization in hepatocellular carcinoma. <b>2022</b> , 18, 1860	O
44	Epigenetics in Cancer Biology. <b>2022</b> ,	О
43	Baicalin Blocks Colon Cancer Cell Cycle and Inhibits Cell Proliferation through miR-139-3p Upregulation by Targeting CDK16. 1-15	O
42	Using a human bronchial epithelial cell-based malignant transformation model to explore the function of hsa-miR-200 family in the progress of PM2.5-induced lung cancer development. <b>2023</b> , 319, 120981	O
41	miR-3154 promotes glioblastoma proliferation and metastasis via targeting TP53INP1.	0

40	miR-29c Suppresses the Malignant Phenotype of Hepatocellular Carcinoma Cells In Vitro by Mediating TPX2 Associated with Immune Infiltration.	O
39	Electrochemical and Optical Detection of MicroRNAs as Biomarkers for Cancer Diagnosis. 2023, 272-348	О
38	Temporal transcriptomic changes in microRNAs involved in the host immune response and metabolism during Neospora caninum infection. <b>2023</b> , 16,	0
37	The genetic and epigenetic regulation of CD55 and its pathway analysis in colon cancer. 13,	O
36	Epigenetic Alterations in Canine Malignant Lymphoma: Future and Clinical Outcomes. 2023, 13, 468	0
35	Comprehensive overview of microRNA function in rheumatoid arthritis. 2023, 11,	O
34	CircRNA Circ_0000118 Regulates Malignancy of Cervical Cancer Cells by Regulating miR-211-5p/miR-377-3p/AKT2 Axis.	0
33	Molecular mechanism of miRNA regulating PD-L1 expression. <b>2023</b> , 31, 101763	O
32	MicroRNA-155 suppressed cholesterol-induced matrix degradation, pyroptosis and apoptosis by targeting RORI nucleus pulposus cells. <b>2023</b> , 107, 110678	0
31	Epigenetic programing of cancer stemness by transcription factors-non-coding RNAs interactions. <b>2023</b> , 92, 74-83	O
30	Bone marrow mesenchymal stem cells loaded into hydrogel/nanofiber composite scaffolds ameliorate ischemic brain injury. <b>2023</b> , 17, 100349	0
29	Loss of miR-26b-5p promotes gastric cancer progression via miR-26b-5p-PDE4B/CDK8-STAT3 feedback loop. <b>2023</b> , 21,	O
28	Potential biomarkers in endometrial cancer: a narrative review. 1-14	O
27	An old friend with a new face: tRNA-derived small RNAs with big regulatory potential in cancer biology.	0
26	Long Noncoding RNA PCGEM1 Facilitates Tumor Growth and Metastasis of Osteosarcoma by Sponging miR -433-3p and Targeting OMA1. <b>2023</b> , 15, 1060-1071	0
25	Signaling pathways in rheumatoid arthritis: implications for targeted therapy. <b>2023</b> , 8,	1
24	The BAP31/miR-181a-5p/RECK axis promotes angiogenesis in colorectal cancer via fibroblast activation. 13,	O
23	The hTERT-p50 homodimer inhibits PLEKHA7 expression to promote gastric cancer invasion and metastasis. <b>2023</b> , 42, 1144-1156	O

22	MicroRNA in lung cancerâl novel potential way for early diagnosis and therapy.	0
21	CMTM7 inhibits breast cancer progression by regulating Wnt/Etatenin signaling. 2023, 25,	О
20	A large-scale screening and functional sorting of tumour microenvironment prognostic genes for breast cancer patients. 14,	0
19	DNA Composites and Applications in Bioanalysis. 2300002	o
18	Identification of hub genes and potential molecular mechanisms related to radiotherapy sensitivity in rectal cancer based on multiple datasets. <b>2023</b> , 21,	0
17	MicroRNA -324-3p inhibits osteosarcoma progression by suppressing PGAM1 -mediated aerobic glycolysis.	0
16	Comprehensive analysis of the FOXA1-related ceRNA network and identification of the MAGI2-AS3/DUSP2 axis as a prognostic biomarker in prostate cancer. 13,	0
15	Engineered exosomes from different sources for cancer-targeted therapy. <b>2023</b> , 8,	О
14	The role of selected non-coding RNAs in the biology of non-small cell lung cancer. 2023, 68, 121-137	O
13	Epigenetics in Canine Mammary Tumors: Upregulation of miR-18a and miR-18b Oncogenes Is Associated with Decreased ERS1 Target mRNA Expression and ER#mmunoexpression in Highly Proliferating Carcinomas. <b>2023</b> , 13, 1086	O
12	Unique regulatory roles of ncRNAs changed by PM2.5 in human diseases. <b>2023</b> , 255, 114812	O
11	miR-145 inhibits aerobic glycolysis and cell proliferation of cervical cancer by acting on MYC. <b>2023</b> , 37,	o
10	A miRNA signature related to stemness identifies high-risk patients in paediatric acute myeloid leukaemia.	O
9	NONHSAT021545/miR-330-3p/EREG: A Cooperative Axis in Breast Cancer Prognosis and Treatment. <b>2023</b> , 12, 2478	o
8	Kidney fibrosis: from mechanisms to therapeutic medicines. <b>2023</b> , 8,	0
7	A novel prognostic signature for clear cell renal cell carcinoma constructed using necroptosis-related miRNAs. <b>2023</b> , 24,	О
6	Combating breast cancer progression through combination therapy with hypomethylating agent and glucocorticoid. <b>2023</b> , 26, 106597	0
5	AMCSMMA: Predicting Small MoleculeâthiRNA Potential Associations Based on Accurate Matrix Completion. <b>2023</b> , 12, 1123	O

4	A nine-gene signature as prognostic biomarker in gastric cancer by bioinformatics analysis.	Ο
3	miR-3133 is an unfavorable prognosis factor and tumor suppressor in colon cancer. <b>2023</b> , 23,	O
2	Aberrant expression of circular RNA DHPR facilitates tumor growth and metastasis by regulating the RASGEF1B/RAS/MAPK axis in hepatocellular carcinoma.	0
1	ZNF8-miR-552-5p Axis Modulates ACSL4-Mediated Ferroptosis in Hepatocellular Carcinoma.	O