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#	Paper	IF	Citations
2238	MicroRNA-cancer connection: the beginning of a new tale. 2006 , 66, 7390-4		874
2237	[The RNA revolution]. 2006 , 26, 275-80		2
2236	Identification by Real-time PCR of 13 mature microRNAs differentially expressed in colorectal cancer and non-tumoral tissues. 2006 , 5, 29		668
2235	Effect of ret/PTC 1 rearrangement on transcription and post-transcriptional regulation in a papillary thyroid carcinoma model. 2006 , 5, 70		52
2234	Host-virus interaction: a new role for microRNAs. 2006 , 3, 68		157
2233	Analyzing micro-RNA expression using microarrays. 2006 , 411, 14-34		70
2232	The p53-induced Wig-1 protein binds double-stranded RNAs with structural characteristics of siRNAs and miRNAs. 2006 , 580, 4401-8		17
2231	TUF love for "junk" DNA. 2006 , 125, 1215-20		119
2230	MicroRNA expression and function in cancer. 2006 , 12, 580-7		615
2229	[MicroRNAs: novel class of gene regulators involved in endocrine function and cancer]. 2006 , 50, 1102-7		14
2228	MicroRNA involvement in mammary gland development and breast cancer. 2006 , 46, 549-56		68
2227	Prognostic Values of microRNAs in Colorectal Cancer. 2006 , 1, 117727190600100		17
2226	Transcriptional landscape of the human and fly genomes: nonlinear and multifunctional modular model of transcriptomes. 2006 , 71, 101-10		10
2225	Augmentation of tumor angiogenesis by a Myc-activated microRNA cluster. 2006 , 38, 1060-5		904
2224	Tiny new oncogenes. <i>Nature Reviews Cancer</i> , 2006 , 6, 344-344	31.3	
2223	MicroRNA signatures in human cancers. <i>Nature Reviews Cancer</i> , 2006 , 6, 857-66	31.3	6256
2222	The neuronal microRNA system. 2006 , 7, 911-20		657

2221	Human let-7a miRNA blocks protein production on actively translating polyribosomes. 2006 , 13, 1108-14	314
2220	The role of microRNAs in normal hematopoiesis and hematopoietic malignancies. 2006 , 20, 1931-6	86
2219	MicroRNAs and chromosomal abnormalities in cancer cells. 2006 , 25, 6202-10	218
2218	MicroRNAs and the hallmarks of cancer. 2006 , 25, 6170-5	291
2217	miRNAs and apoptosis: RNAs to die for. 2006 , 25, 6176-87	426
2216	Implications of micro-RNA profiling for cancer diagnosis. 2006 , 25, 6220-7	214
2215	Quantitative analysis of Argonaute protein reveals microRNA-dependent localization to stress granules. 2006 , 103, 18125-30	306
2214	Microarray-based identification and RT-PCR test screening for epithelial-specific mRNAs in peripheral blood of patients with colon cancer. 2006 , 6, 250	20
2213	MicroRNAs: fundamental facts and involvement in human diseases. 2006 , 78, 180-9	70
2212	MicroRNA and cancer: Current status and prospective. 2007 , 120, 953-60	197
2211	MicroRNAs: a new insight into cancer genome. 2006 , 5, 2216-9	30
2210	Functional interrogation of breast cancer: from models to drugs. 2006 , 1, 569-84	3
2209	BIOMEDICINE: A Cellular and Molecular Foundation for Understanding Cancer. 2006 , 313, 762-763	1
2208	Direct and sensitive miRNA profiling from low-input total RNA. 2007 , 13, 151-9	249
2207	RNA: Networks & Imaging. 2006 , 2, 44	5
2206	A signature pattern of stress-responsive microRNAs that can evoke cardiac hypertrophy and heart failure. 2006 , 103, 18255-60	1263
2205	An Improved Minimum Description Length Learning Algorithm for Nucleotide Sequence Analysis. 2006 ,	2
2204	Characterization of frequently deleted 6q locus in prostate cancer. 2006 , 25, 597-607	11

2203	MicroRNA-21 knockdown disrupts glioma growth in vivo and displays synergistic cytotoxicity with neural precursor cell delivered S-TRAIL in human gliomas. 2007 , 67, 8994-9000	373
2202	Tumor-associated antigens and biomarkers in cancer and immune therapy. 2007 , 26, 223-47	20
2201	MicroRNA-34b and MicroRNA-34c are targets of p53 and cooperate in control of cell proliferation and adhesion-independent growth. 2007 , 67, 8433-8	570
2200	Genomics and proteomics approaches in understanding tumor angiogenesis. 2007 , 7, 133-47	9
2199	Overexpression of micro ribonucleic acid 29, highly up-regulated in diabetic rats, leads to insulin resistance in 3T3-L1 adipocytes. 2007 , 21, 2785-94	336
2198	MicroRNA expression signatures accurately discriminate acute lymphoblastic leukemia from acute myeloid leukemia. 2007 , 104, 19971-6	378
2197	MicroRNA genes are frequently located near mouse cancer susceptibility loci. 2007 , 104, 8017-22	131
2196	A miR-24 microRNA binding-site polymorphism in dihydrofolate reductase gene leads to methotrexate resistance. 2007 , 104, 13513-8	366
2195	MicroRNA-192 in diabetic kidney glomeruli and its function in TGF-beta-induced collagen expression via inhibition of E-box repressors. 2007 , 104, 3432-7	594
2194	miR-221 and miR-222 expression affects the proliferation potential of human prostate carcinoma cell lines by targeting p27Kip1. 2007 , 282, 23716-24	565
2193	Enjoy the Silence: The Story of let-7 MicroRNA and Cancer. 2007 , 8, 229-33	72
2192	Molecular therapy in the microRNA era. 2007 , 7, 297-304	63
2191	The expression of Argonaute2 and related microRNA biogenesis proteins in normal and hypoxic trophoblasts. 2007 , 13, 273-9	115
2190	Role of epigenetic effectors in maintenance of the long-term persistent bystander effect in spleen in vivo. 2007 , 28, 1831-8	156
2189	Genetic Mechanisms and Aberrant Gene Expression during the Development of Gastric Intestinal Metaplasia and Adenocarcinoma. 2007 , 8, 379-97	18
2188	Eukaryotic translation initiation factor 4E induced progression of primary human mammary epithelial cells along the cancer pathway is associated with targeted translational deregulation of oncogenic drivers and inhibitors. 2007 , 67, 6814-24	120
2187	Interleukin-6 dependent survival of multiple myeloma cells involves the Stat3-mediated induction of microRNA-21 through a highly conserved enhancer. 2007 , 110, 1330-3	535
2186	Reliable prediction of Drosha processing sites improves microRNA gene prediction. 2007 , 23, 142-9	101

2185	Epstein-Barr virus-encoded latent membrane protein 1 (LMP1) induces the expression of the cellular microRNA miR-146a. 2007 , 4, 131-7	165
2184	MicroRNA with a MacroFunction. 2007 , 6, 1850-5	31
2183	Investigation of microRNA alterations in leukemias and lymphomas. 2007 , 427, 193-213	24
2182	Genomic and proteomic biomarkers for diagnosis and prognosis of hepatocellular carcinoma. 2007 , 1, 273-84	17
2181	Regulation of microRNA by antagomirs: a new class of pharmacological antagonists for the specific regulation of gene function?. 2007 , 36, 8-12	68
2180	Regulatory mechanisms of microRNAs involvement in cancer. 2007 , 7, 1009-19	135
2179	MicroRNA and brain tumors: a cause and a cure?. 2007 , 26, 301-10	26
2178	Methylation of human microRNA genes in normal and neoplastic cells. 2007 , 6, 1001-5	229
2177	MicroRNA regulation of cyclooxygenase-2 during embryo implantation. 2007 , 104, 15144-9	222
2176	Use of miRNA expression profiling to identify novel biomarkers. 2007 , 4, 147-155	1
2175	The micro-ribonucleic acid (miRNA) miR-206 targets the human estrogen receptor-alpha (ERalpha) and represses ERalpha messenger RNA and protein expression in breast cancer cell lines. 2007 , 21, 1132-47	395
2174	SND1, a component of RNA-induced silencing complex, is up-regulated in human colon cancers and implicated in early stage colon carcinogenesis. 2007 , 67, 9568-76	91
2173	MicroRNAs and cell cycle regulation. 2007 , 6, 2127-32	283
2172	MicroRNAs as potential agents to alter resistance to cytotoxic anticancer therapy. 2007 , 67, 11111-6	339
2171	Oncogene addiction: setting the stage for molecularly targeted cancer therapy. 2007 , 21, 3214-31	318
2170	Epstein-Barr virus-encoded microRNA miR-BART2 down-regulates the viral DNA polymerase BALF5. 2008 , 36, 666-75	269
2169	The let-7 microRNA represses cell proliferation pathways in human cells. 2007 , 67, 7713-22	1065
2168	Detection of let-7a microRNA by real-time PCR in colorectal cancer: a single-centre experience from China. 2007 , 35, 716-23	21

2167	MicroRNA expression signature and antisense-mediated depletion reveal an essential role of MicroRNA in vascular neointimal lesion formation. 2007 , 100, 1579-88	754
2166	MicroRNA expression patterns to differentiate pancreatic adenocarcinoma from normal pancreas and chronic pancreatitis. 2007 , 297, 1901-8	928
2165	Action at a distance: epigenetic silencing of large chromosomal regions in carcinogenesis. 2007 , 16 Spec No 1, R88-95	95
2164	Hypermethylation of let-7a-3 in epithelial ovarian cancer is associated with low insulin-like growth factor-II expression and favorable prognosis. 2007 , 67, 10117-22	246
2163	RNA interference and HIV-1. 2007 , 55, 427-38	3
2162	MicroRNA target detection and analysis for genes related to breast cancer using MDLcompress. 2007 , 43670	14
2161	Epigenetics and microRNAs. 2007 , 61, 17R-23R	84
2160	A new paradigm for developmental biology. 2007 , 210, 1526-47	188
2159	Characterization of microRNA expression levels and their biological correlates in human cancer cell lines. 2007 , 67, 2456-68	617
2158	An E2F/miR-20a autoregulatory feedback loop. 2007 , 282, 2135-43	460
2157	Micro RNA 145 targets the insulin receptor substrate-1 and inhibits the growth of colon cancer cells. 2007 , 282, 32582-90	278
2156	Specificity, duplex degradation and subcellular localization of antagomirs. 2007 , 35, 2885-92	390
2155	Comprehensive analysis of homeobox genes in Hodgkin lymphoma cell lines identifies dysregulated expression of HOXB9 mediated via ERK5 signaling and BMI1. 2007 , 109, 3015-23	67
2154	Control of stress-dependent cardiac growth and gene expression by a microRNA. 2007 , 316, 575-9	1357
2153	Eukaryotic regulatory RNAs: an answer to the 'genome complexity' conundrum. 2007 , 21, 11-42	320
2152	Transactivation of miR-34a by p53 broadly influences gene expression and promotes apoptosis. 2007 , 26, 745-52	1696
2151	The role of microRNAs in cancer: no small matter. 2007 , 43, 1529-44	282
2150	Downregulation of CCR1 inhibits human hepatocellular carcinoma cell invasion. 2007 , 355, 866-71	39

2149	Downregulation of death-associated protein kinase 1 (DAPK1) in chronic lymphocytic leukemia. 2007 , 129, 879-90	306
2148	Transcription factors in hematopoietic malignancies. 2007 , 17, 78-83	8
2147	The evolution of animal microRNA function. 2007 , 17, 145-50	164
2146	Polymorphic miRNA-mediated gene regulation: contribution to phenotypic variation and disease. 2007 , 17, 166-76	122
2145	Identification, amplification and characterization of miR-17-92 from canine tissue. 2007 , 404, 25-30	27
2144	Hepatitis B virus integration, fragile sites, and hepatocarcinogenesis. 2007 , 252, 157-70	182
2143	MicroRNA-mediated feedback and feedforward loops are recurrent network motifs in mammals. 2007 , 26, 753-67	586
2142	The MUC1 and galectin-3 oncoproteins function in a microRNA-dependent regulatory loop. 2007 , 27, 992-1004	147
2141	MicroRNAs as therapeutic targets in human diseases. 2007 , 11, 1119-29	42
2140	MicroRNAs are aberrantly expressed in hypertrophic heart: do they play a role in cardiac hypertrophy?. 2007 , 170, 1831-40	443
2139	Alternative splicing: an emerging topic in molecular and clinical oncology. 2007 , 8, 349-57	211
2138	MicroRNAs in the human heart: a clue to fetal gene reprogramming in heart failure. 2007 , 116, 258-67	752
2137	Robust machine learning algorithms predict microRNA genes and targets. 2007 , 427, 25-49	2
2136	The roles of binding site arrangement and combinatorial targeting in microRNA repression of gene expression. 2007 , 8, R166	116
2135	The micro RNA target paradigm: a fundamental and polymorphic control layer of cellular expression. 2007 , 7, 1387-99	24
2134	The MicroRNA let-7a modulates interleukin-6-dependent STAT-3 survival signaling in malignant human cholangiocytes. 2007 , 282, 8256-64	160
2133	MicroRNA-29 family reverts aberrant methylation in lung cancer by targeting DNA methyltransferases 3A and 3B. 2007 , 104, 15805-10	1385
2132	MicroRNAs in disease and potential therapeutic applications. 2007 , 15, 2070-9	314

2131	MicroRNAs play an essential role in the development of cardiac hypertrophy. 2007 , 100, 416-24	657
2130	MicroRNA signatures in human ovarian cancer. 2007 , 67, 8699-707	1251
2129	Epigenetics and microRNAs. 2007 , 61, 24R-29R	472
2128	Les microARNs : le point de vue du Pathologiste en 2007. 2007 , 27, 46-48	1
2127	miRNA profiling for diagnosis and prognosis of human cancer. 2007 , 26, 293-300	187
2126	Genome-scale microRNA and small interfering RNA screens identify small RNA modulators of TRAIL-induced apoptosis pathway. 2007 , 67, 10782-8	186
2125	Roles of microRNAs and their targets in cancer. 2007 , 7, 1833-40	12
2124	Role of Dicer and Drosha for endothelial microRNA expression and angiogenesis. 2007 , 101, 59-68	662
2123	Locked nucleic acid oligonucleotides: the next generation of antisense agents?. 2007 , 21, 235-43	121
2122	Expression of viral microRNAs in Epstein-Barr virus-associated gastric carcinoma. 2007 , 81, 1033-6	138
2121	Unique MicroRNA signature and clinical outcome of cancers. 2007 , 26, 283-92	43
2120	The human let-7a-3 locus contains an epigenetically regulated microRNA gene with oncogenic function. 2007 , 67, 1419-23	399
2119	MicroRNAs as tumor suppressors. 2007 , 39, 582-3	137
2118	Modification of miR gene expression pattern in human colon cancer cells following exposure to 5-fluorouracil in vitro. 2007 , 56, 248-53	144
2117	Effect of BRAFV600E mutation on transcription and post-transcriptional regulation in a papillary thyroid carcinoma model. 2007 , 6, 21	47
2116	mRNA/microRNA gene expression profile in microsatellite unstable colorectal cancer. 2007 , 6, 54	215
2115	miRNAs and their potential for use against cancer and other diseases. 2007 , 3, 521-37	95
2114	MicroRNA-21 regulates expression of the PTEN tumor suppressor gene in human hepatocellular cancer. 2007 , 133, 647-58	2243

2113	Origin and functional significance of large-scale chromosomal imbalances in neuroblastoma. 2007 , 118, 110-5	7
2112	Non-Coding RNA Bioinformatics. 343-368	
2111	Chromosome fragile sites. 2007 , 41, 169-92	537
2110	Altered expression of miR-21, miR-31, miR-143 and miR-145 is related to clinicopathologic features of colorectal cancer. 2007 , 72, 397-402	567
2109	Role of miRNA in carcinogenesis and biomarker selection: a methodological view. 2007 , 7, 569-603	69
2108	microRNAs in vertebrate physiology and human disease. 2007 , 8, 215-39	363
2107	MicroRNA profiling: from dark matter to white matter, or identifying new players in neurobiology. 2007 , 7, 155-66	54
2106	Negative Regulation of Receptor Tyrosine Kinase (RTK) Signaling: A Developing Field. 2007 , 2, 117727190700200	
2105	MicroRNA profiling of breast cancer tissue using an LNA-based microarray. 2007 , 4, i-ii	7
2104	Investigation of miRNA Biology by Bioinformatic Tools and Impact of miRNAs in Colorectal CancerRegulatory Relationship of c-Myc and p53 with miRNAs. 2007 , 3, 117693510700300	10
2103	MicroRNA Labeling Methods Directly Influence the Accuracy of Expression Profiling Detection. 2007 , 42, 378-381	6
2102	Epigenetics in inflammatory rheumatic diseases. 2007 , 56, 3523-31	46
2101	Inflammation and cancer: an ancient link with novel potentials. 2007 , 121, 2373-80	778
2100	MicroRNA epigenetic alterations in human cancer: one step forward in diagnosis and treatment. 2008 , 122, 963-8	75
2099	MicroRNAs and cancer: profile, profile, profile. 2008 , 122, 969-77	157
2098	Characterizing viral microRNAs and its application on identifying new microRNAs in viruses. 2007 , 211, 10-8	20
2097	MiRNA expression analysis during normal zebrafish development and following inhibition of the Hedgehog and Notch signaling pathways. 2007 , 236, 2172-80	62
2096	Characterization and expression patterns of let-7 microRNA in the silkworm (Bombyx mori). 2007 , 7, 88	51

2095	Prediction and preliminary validation of oncogene regulation by miRNAs. 2007 , 8, 79	58
2094	Global microRNA profiles in cervical squamous cell carcinoma depend on Drosha expression levels. 2007 , 212, 368-77	151
2093	High-throughput microRNAome analysis in human germ cell tumours. 2007 , 213, 319-28	174
2092	The pancreatic cancer proteome - recent advances and future promise. 2007 , 1, 1066-79	13
2091	MicroRNA expression alterations are linked to tumorigenesis and non-neoplastic processes in pancreatic ductal adenocarcinoma. 2007 , 26, 4442-52	552
2090	MicroRNA-34a functions as a potential tumor suppressor by inducing apoptosis in neuroblastoma cells. 2007 , 26, 5017-22	682
2089	Apoptosis induction by antisense oligonucleotides against miR-17-5p and miR-20a in lung cancers overexpressing miR-17-92. 2007 , 26, 6099-105	308
2088	Mechanisms of translational deregulation in human tumors and therapeutic intervention strategies. 2007 , 26, 5973-90	67
2087	MicroRNAs 17-5p-20a-106a control monocytopoiesis through AML1 targeting and M-CSF receptor upregulation. 2007 , 9, 775-87	371
2086	A quantitative trait locus regulating rice grain width. 2007 , 39, 583-4	8
2085	The role of site accessibility in microRNA target recognition. 2007 , 39, 1278-84	1878
2084	MicroRNA-133 controls cardiac hypertrophy. 2007 , 13, 613-8	1472
2083	Conserved by evolution, but altered in cancer. <i>Nature Reviews Cancer</i> , 2007 , 7, 813-813	313
2082	Regulation of the p27(Kip1) tumor suppressor by miR-221 and miR-222 promotes cancer cell proliferation. 2007 , 26, 3699-708	679
2081	BH3 mimetic ABT-737 neutralizes resistance to FLT3 inhibitor treatment mediated by FLT3-independent expression of BCL2 in primary AML blasts. 2007 , 21, 1763-72	84
2080	Host epigenetic modifications by oncogenic viruses. 2007 , 96, 183-8	43
2079	Tumour invasion and metastasis initiated by microRNA-10b in breast cancer. 2007 , 449, 682-8	2138
2078	Tuesday May 8, 2007 Opening Plenary Session. 2007 , 29, 1-45	0

2077	Host-virus genome interactions: macro roles for microRNAs. 2007 , 9, 2784-94	50
2076	Microarray analysis of microRNA expression in hepatocellular carcinoma and non-tumorous tissues without viral hepatitis. 2008 , 23, 87-94	108
2075	Relevance of microRNAs in normal and malignant development, including human testicular germ cell tumours. 2007 , 30, 304-14; discussion 314-5	39
2074	Identification of acute myeloid leukaemia associated microRNA expression patterns. 2008 , 140, 153-61	65
2073	miRAS: a data processing system for miRNA expression profiling study. 2007 , 8, 285	1
2072	Identification of rat lung-specific microRNAs by microRNA microarray: valuable discoveries for the facilitation of lung research. 2007 , 8, 29	53
2071	Ras oncogenes and their downstream targets. 2007 , 1773, 1177-95	304
2070	Ultraconserved regions encoding ncRNAs are altered in human leukemias and carcinomas. 2007 , 12, 215-29	599
2069	p53 enters the microRNA world. 2007 , 12, 414-8	398
2068	MicroRNA expression profile in granulocytes from primary myelofibrosis patients. 2007 , 35, 1708-18	63
2067	microRNAs: a new emerging class of players for disease diagnostics and gene therapy. 2008 , 12, 3-21	102
2066	Are chromosomal imbalances important in cancer?. 2007 , 23, 278-83	19
2065	The expanding RNA polymerase III transcriptome. 2007 , 23, 614-22	362
2064	Induction of microRNAome deregulation in rat liver by long-term tamoxifen exposure. 2007 , 619, 30-7	110
2063	Osteogenic differentiation of human adipose tissue-derived stem cells is modulated by the miR-26a targeting of the SMAD1 transcription factor. 2008 , 23, 287-95	296
2062	MicroRNA inhibition of translation initiation in vitro by targeting the cap-binding complex eIF4F. 2007 , 317, 1764-7	412
2061	Genomics and Marek's disease virus. 2007 , 117, 376-87	19
2060	RNA interference and innate immunity. 2007 , 59, 153-63	91

2059	Treasure hunt in an amoeba: non-coding RNAs in Dictyostelium discoideum. 2007 , 51, 141-59	20
2058	A polymorphism of microRNA 27a genome region is associated with the development of gastric mucosal atrophy in Japanese male subjects. 2007 , 52, 1691-7	35
2057	MicroRNAs: recently discovered key regulators of proliferation and apoptosis in animal cells : Identification of miRNAs regulating growth and survival. 2007 , 53, 55-63	60
2056	Cancer-associated genomic regions (CAGRs) and noncoding RNAs: bioinformatics and therapeutic implications. 2008 , 19, 526-40	59
2055	MicroRNA expression in canine mammary cancer. 2008 , 19, 561-9	61
2054	Thinking about RNA? MicroRNAs in the brain. 2008 , 19, 541-51	36
2053	Noncoding RNA in development. 2008 , 19, 454-92	339
2052	ESTs analyses of Lampetra japonica liver and comparation transcriptome with the jawed vertebrates. 2008 , 51, 27-37	3
2051	MicroRNAs in brain function and disease. 2008 , 8, 190-7	52
2050	Genetic changes in small cell lung carcinoma. 2008 , 10, 189-97	27
2049	Molecular targets in cancer therapy: the Ron approach. 2008 , 1, 215-224	2
2048	Epigenetics in bladder cancer. 2008 , 13, 298-307	42
2047	Current research topics in endocrine therapy for breast cancer. 2008 , 13, 380-3	24
2046	Cancerogénie. Accroissement des connaissances et évolution des concepts. 2008 , 10, 319-347	2
2045	Identification of suitable endogenous control genes for microRNA gene expression analysis in human breast cancer. 2008 , 9, 76	202
2044	Characterization of microRNA-regulated protein-protein interaction network. 2008 , 8, 1975-9	92
2043	Expression of microRNAs and protein-coding genes associated with perineural invasion in prostate cancer. 2008 , 68, 1152-64	127
2042	Epigenetic inactivation of microRNA gene hsa-mir-9-1 in human breast cancer. 2008 , 214, 17-24	398

2041	Small is beautiful: microRNAs and breast cancer-where are we now?. 2008 , 215, 214-21	59
2040	MYC translocation-negative classical Burkitt lymphoma cases: an alternative pathogenetic mechanism involving miRNA deregulation. 2008 , 216, 440-50	167
2039	Targeting tumor vascular endothelium: an emerging concept for cancer therapy. 2008 , 69, 340-351	1
2038	MYCN regulates oncogenic MicroRNAs in neuroblastoma. 2008 , 122, 699-704	223
2037	miR-15b and miR-16 modulate multidrug resistance by targeting BCL2 in human gastric cancer cells. 2008 , 123, 372-379	563
2036	The role of viral and bacterial pathogens in gastrointestinal cancer. 2008 , 216, 378-88	32
2035	Detailed characterization of a homozygously deleted region corresponding to a candidate tumor suppressor locus at 21q11-21 in human lung cancer. 2008 , 47, 810-8	64
2034	Multiplexed detection methods for profiling microRNA expression in biological samples. 2008 , 47, 644-52	238
2033	Multiplexmethoden zur Profilierung der MikroRNA-Expression in biologischen Proben. 2008 , 120, 654-663	35
2032	Role of microRNAs in vascular diseases, inflammation, and angiogenesis. 2008 , 79, 581-8	668
2031	Circulating microRNAs as stable blood-based markers for cancer detection. 2008 , 105, 10513-8	6035
2030	Genetic modification of stem cells for transplantation. 2008 , 60, 160-72	54
2029	Molecular markers and targets for colorectal cancer prevention. 2008 , 29, 1-20	83
2028	MicroRNA-21 targets tumor suppressor genes in invasion and metastasis. 2008 , 18, 350-9	898
2027	Characterization of microRNAs in serum: a novel class of biomarkers for diagnosis of cancer and other diseases. 2008 , 18, 997-1006	3531
2026	A truth serum for cancer--microRNAs have major potential as cancer biomarkers. 2008 , 18, 983-4	78
2025	MicroRNA let-7b targets important cell cycle molecules in malignant melanoma cells and interferes with anchorage-independent growth. 2008 , 18, 549-57	385
2024	Overlapping expression of microRNAs in human embryonic colon and colorectal cancer. 2008 , 18, 823-33	159

2023	A reciprocal repression between ZEB1 and members of the miR-200 family promotes EMT and invasion in cancer cells. 2008 , 9, 582-9	1381
2022	A new regulatory loop in cancer-cell invasion. 2008 , 9, 521-2	11
2021	miR-21 plays a pivotal role in gastric cancer pathogenesis and progression. 2008 , 88, 1358-66	380
2020	LNA-mediated microRNA silencing in non-human primates. 2008 , 452, 896-9	1373
2019	MicroRNA expression signature of human sarcomas. 2008 , 27, 2015-26	199
2018	MicroRNA-21 (miR-21) post-transcriptionally downregulates tumor suppressor Pdc4 and stimulates invasion, intravasation and metastasis in colorectal cancer. 2008 , 27, 2128-36	1517
2017	Cancers take their Toll--the function and regulation of Toll-like receptors in cancer cells. 2008 , 27, 225-33	168
2016	Small RNAs and cancerogenesis. 2008 , 73, 514-27	8
2015	MicroRNA-196a targets annexin A1: a microRNA-mediated mechanism of annexin A1 downregulation in cancers. 2008 , 27, 6667-78	215
2014	MicroRNAs: key players in the immune system, differentiation, tumorigenesis and cell death. 2008 , 27, 5959-74	613
2013	MicroRNAs as potential cancer therapeutics. 2008 , 27 Suppl 2, S52-7	178
2012	The microRNAs miR-373 and miR-520c promote tumour invasion and metastasis. 2008 , 10, 202-10	827
2011	A three-step pathway comprising PLZF/miR-146a/CXCR4 controls megakaryopoiesis. 2008 , 10, 788-801	196
2010	The miR-15a-miR-16-1 cluster controls prostate cancer by targeting multiple oncogenic activities. 2008 , 14, 1271-7	820
2009	MicroRNAs promote differentiation. <i>Nature Reviews Cancer</i> , 2008 , 8, 245-245	313 1
2008	MYB function in normal and cancer cells. <i>Nature Reviews Cancer</i> , 2008 , 8, 523-34	313 439
2007	Mechanisms of post-transcriptional regulation by microRNAs: are the answers in sight?. 2008 , 9, 102-14	4008
2006	Micromanagement of the immune system by microRNAs. 2008 , 8, 120-30	357

2005	Small non-coding RNAs in animal development. 2008 , 9, 219-30	1140
2004	Small RNAs analysis in CLL reveals a deregulation of miRNA expression and novel miRNA candidates of putative relevance in CLL pathogenesis. 2008 , 22, 330-8	158
2003	MicroRNA involvement in brain tumors: from bench to bedside. 2008 , 18, 122-9	86
2002	Effect of alcohol on miR-212 expression in intestinal epithelial cells and its potential role in alcoholic liver disease. 2008 , 32, 355-64	220
2001	MicroRNA epigenetic alterations: predicting biomarkers and therapeutic targets in human diseases. 2008 , 74, 307-15	63
2000	Downregulation of miR-138 is associated with overexpression of human telomerase reverse transcriptase protein in human anaplastic thyroid carcinoma cell lines. 2008 , 99, 280-6	227
1999	Oncogenic role of miR-17-92 cluster in anaplastic thyroid cancer cells. 2008 , 99, 1147-54	186
1998	Review article: RNA interference--potential therapeutic applications for the gastroenterologist. 2008 , 27, 715-23	7
1997	MicroRNA signatures of tumor-derived exosomes as diagnostic biomarkers of ovarian cancer. 2008 , 110, 13-21	1886
1996	The evolution of core proteins involved in microRNA biogenesis. 2008 , 8, 92	90
1995	Microarray-based approach identifies microRNAs and their target functional patterns in polycystic kidney disease. 2008 , 9, 624	97
1994	Coordinated expression of microRNA-155 and predicted target genes in diffuse large B-cell lymphoma. 2008 , 181, 8-15	110
1993	MicroRNA signature predicts survival and relapse in lung cancer. 2008 , 13, 48-57	695
1992	E2F1-regulated microRNAs impair TGFbeta-dependent cell-cycle arrest and apoptosis in gastric cancer. 2008 , 13, 272-86	747
1991	Genetic and epigenetic silencing of microRNA-203 enhances ABL1 and BCR-ABL1 oncogene expression. 2008 , 13, 496-506	423
1990	miR-296 regulates growth factor receptor overexpression in angiogenic endothelial cells. 2008 , 14, 382-93	375
1989	MicroRNAs and prostate cancer. 2008 , 12, 1456-65	64
1988	MicroRNA involvement in hepatocellular carcinoma. 2008 , 12, 2189-204	212

1987	MicroRNA expression profiles of esophageal cancer. 2008 , 135, 255-60; discussion 260	329
1986	A role for microRNAs in the development of the immune system and in the pathogenesis of cancer. 2008 , 18, 79-88	48
1985	The utility of LNA in microRNA-based cancer diagnostics and therapeutics. 2008 , 18, 89-102	157
1984	MicroRNA and oral cancer: future perspectives. 2008 , 44, 910-4	53
1983	The let-7 family of microRNAs. 2008 , 18, 505-16	962
1982	Profiling microRNA expression with microarrays. 2008 , 26, 70-6	205
1981	Micromanagers of malignancy: role of microRNAs in regulating metastasis. 2008 , 24, 448-56	152
1980	Analysis of sequence variations in 59 microRNAs in hepatocellular carcinomas. 2008 , 638, 205-9	38
1979	A microRNA-based gene dysregulation pathway in Huntington's disease. 2008 , 29, 438-45	292
1978	MicroRNAs as targets for antisense-based therapeutics. 2008 , 8, 59-81	90
1977	Integrative microRNA and proteomic approaches identify novel osteoarthritis genes and their collaborative metabolic and inflammatory networks. 2008 , 3, e3740	388
1976	The DNA/RNA-binding protein, translin, binds microRNA122a and increases its in vivo stability. 2008 , 29, 572-9	39
1975	A quantitative PCR method to detect blood microRNAs associated with tumorigenesis in transgenic mice. 2008 , 7, 74	11
1974	Evaluation and validation of total RNA extraction methods for microRNA expression analyses in formalin-fixed, paraffin-embedded tissues. 2008 , 10, 203-11	183
1973	Not miR-ly small RNAs: big potential for microRNAs in therapy. 2008 , 121, 309-19	59
1972	MicroRNAs in cardiac hypertrophy and failure. 2008 , 5, e279-e283	3
1971	Current Perspectives in microRNAs (miRNA). 2008 ,	2
1970	MicroRNA-221 and -222 pathway controls melanoma progression. 2008 , 8, 1759-65	59

1969	Ovarian Cancer. 2008 ,	2
1968	MicroRNAs as biomarkers and therapeutic drugs in human cancer. 2008 , 13, 658-70	83
1967	The miR-200 family inhibits epithelial-mesenchymal transition and cancer cell migration by direct targeting of E-cadherin transcriptional repressors ZEB1 and ZEB2. 2008 , 283, 14910-4	1271
1966	Bioluminescence-based detection of microRNA, miR21 in breast cancer cells. 2008 , 80, 2319-25	239
1965	Genomics Protocols. 2008 ,	4
1964	Kallikreins as microRNA targets: an in silico and experimental-based analysis. 2008 , 389, 731-8	35
1963	TRANSCRIPTION FACTORS AND HUMAN DISEASE. 2008 , 373-VII	3
1962	RNA interference (RNAi): design and application. Preface. 2008 , 442, vii-viii	
1961	A SNP in a let-7 microRNA complementary site in the KRAS 3' untranslated region increases non-small cell lung cancer risk. 2008 , 68, 8535-40	536
1960	The Genetics and Molecular Biology of Neural Tumors. 2008 ,	6
1959	Cancer: shift of the paradigm. 2008 , 71, 839-50	8
1958	Pluripotent human stem cell lines: what we can learn about cancer initiation. 2008 , 14, 323-32	26
1957	let-7 microRNAs in development, stem cells and cancer. 2008 , 14, 400-9	483
1956	Inflammation: gearing the journey to cancer. 2008 , 659, 15-30	583
1955	MicroRNA-155 suppresses activation-induced cytidine deaminase-mediated Myc-Igh translocation. 2008 , 28, 630-8	391
1954	Targeting microRNA expression to regulate angiogenesis. 2008 , 29, 12-5	204
1953	A microRNA DNA methylation signature for human cancer metastasis. 2008 , 105, 13556-61	890
1952	Mechanisms of microRNA deregulation in human cancer. 2008 , 7, 2643-6	263

1951	MicroRNA expression profiles associated with prognosis and therapeutic outcome in colon adenocarcinoma. 2008 , 299, 425-36	1233
1950	The roles of microRNAs in mammalian virus infection. 2008 , 1779, 706-11	96
1949	MIR-451 and Imatinib mesylate inhibit tumor growth of Glioblastoma stem cells. 2008 , 376, 86-90	206
1948	Targeted deletion reveals essential and overlapping functions of the miR-17 through 92 family of miRNA clusters. 2008 , 132, 875-86	1332
1947	[Generalities about carcinogenesis]. 2008 , 331, 114-25	2
1946	microRNAs and death receptors. 2008 , 19, 303-11	31
1945	MIR-15a and miR-16-1 cluster functions in human leukemia. 2008 , 105, 5166-71	642
1944	Elevated expression of the miR-17-92 polycistron and miR-21 in hepadnavirus-associated hepatocellular carcinoma contributes to the malignant phenotype. 2008 , 173, 856-64	212
1943	The promyelocytic leukemia zinc finger-microRNA-221/-222 pathway controls melanoma progression through multiple oncogenic mechanisms. 2008 , 68, 2745-54	321
1942	High-throughput stem-loop RT-qPCR miRNA expression profiling using minute amounts of input RNA. 2008 , 36, e143	242
1941	Accurate molecular characterization of formalin-fixed, paraffin-embedded tissues by microRNA expression profiling. 2008 , 10, 415-23	85
1940	Analysis of BART7 microRNA from Epstein-Barr virus-infected nasopharyngeal carcinoma cells by capillary electrophoresis. 2008 , 80, 8554-60	34
1939	Pancreatic carcinogenesis. 2008 , 8, 110-25	144
1938	Translation of recent advances and discoveries in molecular biology and immunology in the diagnosis and treatment of pancreatic cancer. 2008 , 17, 357-76, ix	1
1937	Inhibitory effects of anti-miRNA oligonucleotides (AMOs) on A549 cell growth. 2008 , 16, 688-93	21
1936	Target validation to biomarker development: focus on RNA interference. 2008 , 12, 63-70	5
1935	The let-7 microRNA reduces tumor growth in mouse models of lung cancer. 2008 , 7, 759-64	534
1934	MicroRNA-21 targets a network of key tumor-suppressive pathways in glioblastoma cells. 2008 , 68, 8164-72	580

1933	Advances in microRNAs: implications for gene therapists. 2008 , 19, 27-38	36
1932	Enhanced bioaffinity sensing using surface plasmons, surface enzyme reactions, nanoparticles and diffraction gratings. 2008 , 133, 596-601	24
1931	Genomic profiling of microRNA and messenger RNA reveals deregulated microRNA expression in prostate cancer. 2008 , 68, 6162-70	600
1930	MicroRNAs in Development and Disease. 2008 ,	2
1929	Targeting of the Bmi-1 oncogene/stem cell renewal factor by microRNA-128 inhibits glioma proliferation and self-renewal. 2008 , 68, 9125-30	597
1928	Epigenetic silencing of microRNA-34b/c and B-cell translocation gene 4 is associated with CpG island methylation in colorectal cancer. 2008 , 68, 4123-32	544
1927	Normalization of microRNA expression levels in quantitative RT-PCR assays: identification of suitable reference RNA targets in normal and cancerous human solid tissues. 2008 , 14, 844-52	624
1926	Distinct microRNA expression profiles in acute myeloid leukemia with common translocations. 2008 , 105, 15535-40	375
1925	Programmed cell death 4 (PDCD4) is an important functional target of the microRNA miR-21 in breast cancer cells. 2008 , 283, 1026-33	871
1924	MicroRNA 21 promotes glioma invasion by targeting matrix metalloproteinase regulators. 2008 , 28, 5369-80	737
1923	c-Myb is an evolutionary conserved miR-150 target and miR-150/c-Myb interaction is important for embryonic development. 2008 , 25, 2189-98	86
1922	Transcriptional mechanism for the paired miR-433 and miR-127 genes by nuclear receptors SHP and ERRgamma. 2008 , 36, 5727-35	71
1921	miRNA patterns in hematopoietic malignancies. 2008 , 161-177	
1920	Prognostic value of mature microRNA-21 and microRNA-205 overexpression in non-small cell lung cancer by quantitative real-time RT-PCR. 2008 , 54, 1696-704	376
1919	Metastasis Research Society-American Association For Cancer Research Joint Conference on Metastasis. 2008 , 68, 9578-82	4
1918	Epstein-Barr virus-mediated dysregulation of human microRNA expression. 2008 , 7, 3595-600	74
1917	Identifying candidate genes involved in brain tumor formation. 2008 , 113, 1-38	13
1916	Sex-specific microRNAome deregulation in the shielded bystander spleen of cranially exposed mice. 2008 , 7, 1658-67	54

1915	MicroRNAs as new biomarkers in oncology. 2008 , 2, 115-27	3
1914	Evaluation of genetic variants in microRNA-related genes and risk of bladder cancer. 2008 , 68, 2530-7	215
1913	Polymorphisms in predicted microRNA-binding sites in integrin genes and breast cancer: ITGB4 as prognostic marker. 2008 , 29, 1394-9	129
1912	An improved non-comparative classification method for human microRNA gene prediction. 2008 ,	1
1911	Barrett's esophagus: can biomarkers predict progression to malignancy?. 2008 , 2, 653-63	15
1910	DNA methylation and cancer pathways in gastrointestinal tumors. 2008 , 9, 1917-28	41
1909	RNA interference and cancer: endogenous pathways and therapeutic approaches. 2008 , 615, 299-329	27
1908	MicroRNA in cancer prognosis. 2008 , 359, 2720-2	151
1907	In vivo imaging of functional targeting of miR-221 in papillary thyroid carcinoma. 2008 , 49, 1686-93	62
1906	MicroRNA microarray identifies Let-7i as a novel biomarker and therapeutic target in human epithelial ovarian cancer. 2008 , 68, 10307-14	302
1905	Curcumin (diferuloylmethane) alters the expression profiles of microRNAs in human pancreatic cancer cells. 2008 , 7, 464-73	332
1904	Clinical significance of the reduced expression of G protein gamma 7 (GNG7) in oesophageal cancer. 2008 , 98, 410-7	46
1903	Loss of mir-146a function in hormone-refractory prostate cancer. 2008 , 14, 417-24	308
1902	MicroRNA-155 is an Epstein-Barr virus-induced gene that modulates Epstein-Barr virus-regulated gene expression pathways. 2008 , 82, 5295-306	211
1901	Common SNP in pre-miR-146a decreases mature miR expression and predisposes to papillary thyroid carcinoma. 2008 , 105, 7269-74	713
1900	A cyclin D1/microRNA 17/20 regulatory feedback loop in control of breast cancer cell proliferation. 2008 , 182, 509-17	307
1899	miR-519 reduces cell proliferation by lowering RNA-binding protein HuR levels. 2008 , 105, 20297-302	174
1898	Profiling microRNA expression in hepatocellular carcinoma reveals microRNA-224 up-regulation and apoptosis inhibitor-5 as a microRNA-224-specific target. 2008 , 283, 13205-15	302

1897	A functional screen identifies miR-34a as a candidate neuroblastoma tumor suppressor gene. 2008 , 6, 735-42	262
1896	Down-regulation of hsa-miR-10a in chronic myeloid leukemia CD34+ cells increases USF2-mediated cell growth. 2008 , 6, 1830-40	168
1895	New insights into germ cell tumor formation. 2008 , 40, 342-6	5
1894	Oncogene-induced plasticity and cancer stem cells. 2008 , 7, 45-51	74
1893	Genética y genómica del cáncer. 2008 , 457-480	
1892	Single nucleotide polymorphisms of microRNA machinery genes modify the risk of renal cell carcinoma. 2008 , 14, 7956-62	197
1891	MicroRNA and Cancer: Tiny Molecules with Major Implications. 2008 , 9, 97-109	70
1890	Survivin knockdown combined with apoptin overexpression inhibits cell growth significantly. 2008 , 7, 1053-60	16
1889	Myeloid cell differentiation arrest by miR-125b-1 in myelodysplastic syndrome and acute myeloid leukemia with the t(2;11)(p21;q23) translocation. 2008 , 205, 2499-506	229
1888	Introducing new molecular technologies into routine clinical cancer care: is there an impact on the treatment of breast cancer?. 2008 , 19 Suppl 7, vii177-83	3
1887	miR-210 links hypoxia with cell cycle regulation and is deleted in human epithelial ovarian cancer. 2008 , 7, 255-64	289
1886	MicroRNAs 221 and 222 bypass quiescence and compromise cell survival. 2008 , 68, 2773-80	255
1885	hsa-miR-210 is induced by hypoxia and is an independent prognostic factor in breast cancer. 2008 , 14, 1340-8	555
1884	Allelic imbalance in BRCA1 and BRCA2 gene expression is associated with an increased breast cancer risk. 2008 , 17, 1336-48	57
1883	Generation of a conditionally replicating adenovirus based on targeted destruction of E1A mRNA by a cell type-specific MicroRNA. 2008 , 82, 11009-15	108
1882	microRNAs: a new frontier in kallikrein research. 2008 , 389, 689-94	20
1881	MicroRNA Profiling in CNS Tissue Using Microarrays. 2008 , 73-96	1
1880	MicroRNAs in Vascular Neointimal Lesion Formation. 2008 , 323-347	

1879	Clinical significance of high mobility group A2 in human gastric cancer and its relationship to let-7 microRNA family. 2008 , 14, 2334-40	193
1878	miR-16 family induces cell cycle arrest by regulating multiple cell cycle genes. 2008 , 36, 5391-404	394
1877	A Caenorhabditis elegans PUF protein family with distinct RNA binding specificity. 2008 , 14, 1550-7	38
1876	Distinctive microRNA profiles relating to patient survival in esophageal squamous cell carcinoma. 2008 , 68, 26-33	299
1875	MicroRNA expression profiling of thyroid tumors: biological significance and diagnostic utility. 2008 , 93, 1600-8	485
1874	The RNaseIII enzyme Drosha is critical in T cells for preventing lethal inflammatory disease. 2008 , 205, 2005-17	315
1873	Genetic variations in microRNA-related genes are novel susceptibility loci for esophageal cancer risk. 2008 , 1, 460-9	178
1872	MicroRNA-mediated inhibition of prostate-derived Ets factor messenger RNA translation affects prostate-derived Ets factor regulatory networks in human breast cancer. 2008 , 68, 8499-506	48
1871	Solution structure of a let-7 miRNA:lin-41 mRNA complex from C. elegans. 2008 , 36, 2330-7	22
1870	miR-206 Expression is down-regulated in estrogen receptor alpha-positive human breast cancer. 2008 , 68, 5004-8	257
1869	Epstein-Barr virus-induced miR-155 attenuates NF-kappaB signaling and stabilizes latent virus persistence. 2008 , 82, 10436-43	180
1868	Lin-28 interaction with the Let-7 precursor loop mediates regulated microRNA processing. 2008 , 14, 1539-49	554
1867	Down-regulation of micro-RNA-1 (miR-1) in lung cancer. Suppression of tumorigenic property of lung cancer cells and their sensitization to doxorubicin-induced apoptosis by miR-1. 2008 , 283, 33394-405	301
1866	Integration site preference of xenotropic murine leukemia virus-related virus, a new human retrovirus associated with prostate cancer. 2008 , 82, 9964-77	85
1865	Control of cell proliferation pathways by microRNAs. 2008 , 7, 3143-8	276
1864	let-7 regulates Dicer expression and constitutes a negative feedback loop. 2008 , 29, 2073-7	181
1863	Hypoxic regulation of miR-210: shrinking targets expand HIF-1's influence. 2008 , 7, 265-7	40
1862	MicroRNomics: a newly emerging approach for disease biology. 2008 , 33, 139-47	170

1861	MicroRNAs in malignant progression. 2008 , 7, 570-2	102
1860	The emerging role of miR-200 family of microRNAs in epithelial-mesenchymal transition and cancer metastasis. 2008 , 5, 115-9	302
1859	The RNA continent. 2008 , 99, 77-112	22
1858	microRNAs and cancer: an overview. 2008 , 7, 2485-92	286
1857	Exploration of tumor-suppressive microRNAs silenced by DNA hypermethylation in oral cancer. 2008 , 68, 2094-105	510
1856	Genomic and epigenetic alterations deregulate microRNA expression in human epithelial ovarian cancer. 2008 , 105, 7004-9	443
1855	Applying small RNA molecules to the directed treatment of human diseases: realizing the potential. 2008 , 12, 115-27	28
1854	Role of microRNAs in haemopoiesis, heart hypertrophy and cancer. 2008 , 36, 1206-10	8
1853	MicroRNAs: role in cardiovascular biology and disease. 2008 , 114, 699-706	95
1852	MYC stimulates EZH2 expression by repression of its negative regulator miR-26a. 2008 , 112, 4202-12	333
1851	Targeting of microRNAs for therapeutics. 2008 , 36, 1197-200	46
1850	MicroRNA expression profiling in classic Hodgkin lymphoma. 2008 , 111, 2825-32	148
1849	p53-Repressed miRNAs are involved with E2F in a feed-forward loop promoting proliferation. 2008 , 4, 229	125
1848	Identification of miRNA changes in Alzheimer's disease brain and CSF yields putative biomarkers and insights into disease pathways. 2008 , 14, 27-41	717
1847	Epigenetic regulation and therapeutic approaches in cancer. 2008 , 8, 1367-78	
1846	Oncogenomics. 2008 , 9, 199-206	3
1845	MicroRNAs. 2008 , 14, 1-6	158
1844	Contributions of Microarray Analysis to Soft Tissue Tumor Diagnosis. 2008 , 13, 78-84	1

1843	[Master and servant: epigenetic deregulations as a cause and a consequence of cancer]. 2008 , 24, 725-30	3
1842	[microRNA in cancer, small but risky]. 2008 , 24, 135-6	0
1841	RNA as a Therapeutic Molecule. 2008 , 691-699	
1840	Sequence relationships among <i>C. elegans</i> , <i>D. melanogaster</i> and human microRNAs highlight the extensive conservation of microRNAs in biology. 2008 , 3, e2818	125
1839	Strong signature of natural selection within an FHIT intron implicated in prostate cancer risk. 2008 , 3, e3533	13
1838	Antisense DNA and RNA agents against picornaviruses. 2008 , 13, 4707-25	3
1837	SNP analysis reveals an evolutionary acceleration of the human-specific microRNAs. 2008 ,	6
1836	. 2008 ,	14
1835	Expression and function of micro-RNAs in immune cells during normal or disease state. 2008 , 5, 73-9	78
1834	Supervised Learning Methods for MicroRNA Studies. 339-365	3
1833	Synovial Fibroblasts: Important Players in the Induction of Inflammation and Joint Destruction. 2009 , 136-150	
1832	Clinicopathological Significance of microRNA-31, -143 and -145 Expression in Colorectal Cancer. 2009 , 26, 27-34	166
1831	A 3'-untranslated region (3'UTR) induces organ adhesion by regulating miR-199a* functions. 2009 , 4, e4527	92
1830	Repertoire of microRNAs in epithelial ovarian cancer as determined by next generation sequencing of small RNA cDNA libraries. 2009 , 4, e5311	197
1829	Investigating the targets of MIR-15a and MIR-16-1 in patients with chronic lymphocytic leukemia (CLL). 2009 , 4, e7169	50
1828	MicroRNA profiling of BRCA1/2 mutation-carrying and non-mutation-carrying high-grade serous carcinomas of ovary. 2009 , 4, e7314	76
1827	Multiple sclerosis: microRNA expression profiles accurately differentiate patients with relapsing-remitting disease from healthy controls. 2009 , 4, e7440	273
1826	Widespread dysregulation of MiRNAs by MYCN amplification and chromosomal imbalances in neuroblastoma: association of miRNA expression with survival. 2009 , 4, e7850	104

1825	Novel rank-based statistical methods reveal microRNAs with differential expression in multiple cancer types. 2009 , 4, e8003	141
1824	Genome-wide analysis of small RNA and novel MicroRNA discovery in human acute lymphoblastic leukemia based on extensive sequencing approach. 2009 , 4, e6849	38
1823	MicroDNAs and Transcriptional Regulation. 2009 ,	3
1822	The BRCA1 3'-UTR: 5711+421T/T_5711+1286T/T genotype is a possible breast and ovarian cancer risk factor. 2009 , 13, 307-17	27
1821	MicroRNA and mRNA integrated analysis (MMIA): a web tool for examining biological functions of microRNA expression. 2009 , 37, W356-62	137
1820	A let-7 microRNA-binding site polymorphism in the KRAS 3' UTR is associated with reduced survival in oral cancers. 2009 , 30, 1003-7	171
1819	MicroRNAs as novel regulators of angiogenesis. 2009 , 104, 442-54	340
1818	Identification of a microRNA signature associated with progression of leukoplakia to oral carcinoma. 2009 , 18, 4818-29	187
1817	Identification of novel Epstein-Barr virus microRNA genes from nasopharyngeal carcinomas. 2009 , 83, 3333-41	211
1816	A variant affecting a putative miRNA target site in estrogen receptor (ESR) 1 is associated with breast cancer risk in premenopausal women. 2009 , 30, 59-64	78
1815	MicroRNA-21 regulates the proliferation and invasion in esophageal squamous cell carcinoma. 2009 , 15, 1915-22	238
1814	Differential microRNA-34a expression and tumor suppressor function in retinoblastoma cells. 2009 , 50, 4542-51	67
1813	Relationships of microRNA expression in mouse lung with age and exposure to cigarette smoke and light. 2009 , 23, 3243-50	142
1812	The miR200 family of microRNAs regulates WAVE3-dependent cancer cell invasion. 2009 , 284, 33019-29	99
1811	New tricks for animal microRNAs: targeting of amino acid coding regions at conserved and nonconserved sites. 2009 , 69, 3245-8	177
1810	Expression of a family of noncoding mitochondrial RNAs distinguishes normal from cancer cells. 2009 , 106, 9430-4	86
1809	miR-331-3p regulates ERBB-2 expression and androgen receptor signaling in prostate cancer. 2009 , 284, 24696-704	131
1808	Micro-RNAs in thyroid neoplasms: molecular, diagnostic and therapeutic implications. 2009 , 62, 978-85	40

1807	MicroRNA silencing in primates: towards development of novel therapeutics. 2009 , 69, 393-5	66
1806	Frequent overexpression of HMGA1 and 2 in gastroenteropancreatic neuroendocrine tumours and its relationship to let-7 downregulation. 2009 , 100, 501-10	45
1805	MicroRNA profiling and head and neck cancer. 2009 , 837514	102
1804	Argonaute-2 expression is regulated by epidermal growth factor receptor and mitogen-activated protein kinase signaling and correlates with a transformed phenotype in breast cancer cells. 2009 , 150, 14-23	126
1803	Post-transcriptional control of DGCR8 expression by the Microprocessor. 2009 , 15, 1005-11	104
1802	The microRNA miR-92 increases proliferation of myeloid cells and by targeting p63 modulates the abundance of its isoforms. 2009 , 23, 3957-66	73
1801	Genetic variation of miRNA sequence in pancreatic cancer. 2009 , 41, 407-13	26
1800	n-3 Polyunsaturated fatty acids modulate carcinogen-directed non-coding microRNA signatures in rat colon. 2009 , 30, 2077-84	140
1799	Thrombin induces tumor cell cycle activation and spontaneous growth by down-regulation of p27Kip1, in association with the up-regulation of Skp2 and MiR-222. 2009 , 69, 3374-81	48
1798	Genomics and Pharmacogenomics in Anticancer Drug Development and Clinical Response. 2009 ,	2
1797	MicroRNAs: Crucial multi-tasking components in the complex circuitry of tumor metastasis. 2009 , 8, 3506-12	71
1796	Metastamir: the field of metastasis-regulatory microRNA is spreading. 2009 , 69, 7495-8	257
1795	An expanded seed sequence definition accounts for full regulation of the hid 3' UTR by bantam miRNA. 2009 , 15, 814-22	28
1794	MicroRNAs as a new potential therapeutic opportunity in gastrointestinal cancer. 2009 , 77 Suppl 1, 75-89	4
1793	Altered expression of selected microRNAs in melanoma: Antiproliferative and proapoptotic activity of miRNA-155. 2009 ,	5
1792	Expression profile of microRNA in epithelial cancer: diagnosis, classification and prediction. 2009 , 3, 25-36	3
1791	Molecular biomarkers for predicting chemotherapy response in lung cancer. 2009 , 3, 621-9	
1790	A new means to deal with ends: Heat shock protein regulation of the DNA damage response protein Apollo. 2009 , 8, 2138-9	

1789 The COP9 signalosome-cyclosome connection. **2009**, 8, 2138-2142

1788 Opening the treasure chest of miR-200s family members. **2009**, 8, 2138-2142

9

1787 Catching chromatin relaxation in act by flow cytometry. **2009**, 8, 2138-2142

1786 Normal and oncogenic roles for microRNAs in the developing brain. **2009**, 8, 4049-54

25

1785 Role of microRNA-221/-222 in cancer development and progression. **2009**, 8, 2315-6

22

1784 MicroRNAs and lung cancer: new oncogenes and tumor suppressors, new prognostic factors and potential therapeutic targets. **2009**, 16, 1047-61

80

1783 Human- and virus-encoded microRNAs as potential targets of antiviral therapy. **2009**, 9, 927-37

18

1782 miRNA Microarray Technology in miRNA Profiling. **2009**, 4, 141-148

9

1781 Oncomirs: from tumor biology to molecularly targeted anticancer strategies. **2009**, 9, 70-80

35

1780 Posttranscriptional gene regulation in Kaposi's sarcoma-associated herpesvirus. **2009**, 68, 241-61

18

1779 Clinical states model for biomarkers in bladder cancer. **2009**, 5, 977-92

10

1778 The putative tumor suppressor microRNA-101 modulates the cancer epigenome by repressing the polycomb group protein EZH2. **2009**, 69, 2623-9

343

1777 A risk variant in an miR-125b binding site in BMPR1B is associated with breast cancer pathogenesis. **2009**, 69, 7459-65

121

1776 Loss of heterozygosity at 2q37 in sporadic Wilms' tumor: putative role for miR-562. **2009**, 15, 5985-92

53

1775 MicroRNAs and their role in progressive kidney diseases. **2009**, 4, 1255-66

126

1774 The genetic signatures of noncoding RNAs. **2009**, 5, e1000459

553

1773 A multisampling reporter system for monitoring microRNA activity in the same population of cells. **2009**, 2009, 104716

11

1772 miR-195 and miR-483-5p Identified as Predictors of Poor Prognosis in Adrenocortical Cancer. **2009**, 15, 7684-7692

206

1771	Over- and under-expressed microRNAs in human colorectal cancer. 2009 , 34, 1069-75	183
1770	IkappaBzeta expression is regulated by miR-124a. 2009 , 8, 2019-23	30
1769	MicroRNA: Biogenesis, Regulation, and Role in Primary Brain Tumors. 2009 , 327-354	1
1768	Dicer-1-dependent Dacapo suppression acts downstream of Insulin receptor in regulating cell division of Drosophila germline stem cells. 2009 , 136, 1497-507	57
1767	MicroRNA implications across neurodevelopment and neuropathology. 2009 , 2009, 654346	46
1766	The modulation of microRNAs by type I IFN through the activation of signal transducers and activators of transcription 3 in human glioma. 2009 , 7, 2022-30	51
1765	MicroRNA expression, chromosomal alterations, and immunoglobulin variable heavy chain hypermutations in Mantle cell lymphomas. 2009 , 69, 7071-8	72
1764	A functional genetic variant in microRNA-196a2 is associated with increased susceptibility of lung cancer in Chinese. 2009 , 18, 1183-7	251
1763	Regulation of JAK2 by miR-135a: prognostic impact in classic Hodgkin lymphoma. 2009 , 114, 2945-51	141
1762	MicroRNA miR-378 regulates nephronectin expression modulating osteoblast differentiation by targeting GalNT-7. 2009 , 4, e7535	140
1761	miR-143 interferes with ERK5 signaling, and abrogates prostate cancer progression in mice. 2009 , 4, e7542	157
1760	miR-449a and miR-449b are direct transcriptional targets of E2F1 and negatively regulate pRb-E2F1 activity through a feedback loop by targeting CDK6 and CDC25A. 2009 , 23, 2388-93	201
1759	MicroRNA expression in squamous cell carcinoma and adenocarcinoma of the esophagus: associations with survival. 2009 , 15, 6192-200	316
1758	Differential expression of microRNAs in mouse liver under aberrant energy metabolic status. 2009 , 50, 1756-65	153
1757	Anaplastic thyroid cancer: molecular pathogenesis and emerging therapies. 2009 , 16, 17-44	296
1756	Epigenetic regulation of microRNAs in acute lymphoblastic leukemia. 2009 , 27, 1316-22	120
1755	ncRNAppi--a tool for identifying disease-related miRNA and siRNA targeting pathways. 2009 , 25, 3199-201	1
1754	Discovering ligands for a microRNA precursor with peptoid microarrays. 2009 , 37, 5486-97	69

1753	MicroRNA-21 modulates biological functions of pancreatic cancer cells including their proliferation, invasion, and chemoresistance. 2009 , 8, 1067-74	279
1752	Emerging roles of microRNAs as molecular switches in the integrated circuit of the cancer cell. 2009 , 15, 1443-61	130
1751	Consistent deregulation of gene expression between human and murine MLL rearrangement leukemias. 2009 , 69, 1109-16	70
1750	MicroRNA expression signatures in Barrett's esophagus and esophageal adenocarcinoma. 2009 , 15, 5744-52	110
1749	miR2Disease: a manually curated database for microRNA deregulation in human disease. 2009 , 37, D98-104	1041
1748	Down-regulation of miR-92 in human plasma is a novel marker for acute leukemia patients. 2009 , 4, e5532	237
1747	MicroRNA regulation of oncolytic herpes simplex virus-1 for selective killing of prostate cancer cells. 2009 , 15, 5126-35	80
1746	MicroRNA regulation of DNA repair gene expression in hypoxic stress. 2009 , 69, 1221-9	349
1745	microRNA expression in the eyes and their significance in relation to functions. 2009 , 28, 87-116	79
1744	Regulating the regulators: mechanisms controlling the maturation of microRNAs. 2009 , 27, 27-36	70
1743	miRExpress: analyzing high-throughput sequencing data for profiling microRNA expression. 2009 , 10, 328	145
1742	MicroRNA expression profiling during the life cycle of the silkworm (<i>Bombyx mori</i>). 2009 , 10, 455	41
1741	Insight into microRNA regulation by analyzing the characteristics of their targets in humans. 2009 , 10, 594	34
1740	Global gene expression analysis reveals reduced abundance of putative microRNA targets in human prostate tumours. 2009 , 10, 93	29
1739	Systematic validation of predicted microRNAs for cyclin D1. 2009 , 9, 194	79
1738	miRNAs in lung cancer - studying complex fingerprints in patient's blood cells by microarray experiments. 2009 , 9, 353	119
1737	Human colon cancer profiles show differential microRNA expression depending on mismatch repair status and are characteristic of undifferentiated proliferative states. 2009 , 9, 401	253
1736	Circulating microRNAs in breast cancer and healthy subjects. 2009 , 2, 89	288

1735	MiR-101 downregulation is involved in cyclooxygenase-2 overexpression in human colon cancer cells. 2009 , 315, 1439-47	207
1734	Applications of microRNA in cancer: Exploring the advantages of miRNA. 2009 , 2, 248-9	8
1733	New tools for functional genomic analysis. 2009 , 14, 754-60	26
1732	The role of mammalian ribonucleases (RNases) in cancer. 2009 , 1796, 99-113	16
1731	Challenges in cancer research and multifaceted approaches for cancer biomarker quest. 2009 , 583, 1772-84	19
1730	MicroRNA 125a and its regulation of the p53 tumor suppressor gene. 2009 , 583, 3725-30	81
1729	Frequent amplification of a chr19q13.41 microRNA polycistron in aggressive primitive neuroectodermal brain tumors. 2009 , 16, 533-46	178
1728	MicroRNAs and cancer--new paradigms in molecular oncology. 2009 , 21, 470-9	194
1727	MicroRNA-195 suppresses tumorigenicity and regulates G1/S transition of human hepatocellular carcinoma cells. 2009 , 50, 113-21	311
1726	Common genetic variants in pre-microRNAs were associated with increased risk of breast cancer in Chinese women. 2009 , 30, 79-84	330
1725	MiRNA expression in urothelial carcinomas: important roles of miR-10a, miR-222, miR-125b, miR-7 and miR-452 for tumor stage and metastasis, and frequent homozygous losses of miR-31. 2009 , 124, 2236-42	190
1724	DNA methylation of microRNA genes in gastric mucosae of gastric cancer patients: its possible involvement in the formation of epigenetic field defect. 2009 , 124, 2367-74	230
1723	Epigenetic regulation of microRNA expression in colorectal cancer. 2009 , 125, 2737-43	372
1722	Significance of Plk1 regulation by miR-100 in human nasopharyngeal cancer. 2010 , 126, 2036-48	98
1721	miR-212 is downregulated and suppresses methyl-CpG-binding protein MeCP2 in human gastric cancer. 2010 , 127, 1106-14	120
1720	Short and Efficient Synthesis of Alkyne-Modified Amino Glycoside Building Blocks. 2009 , 2009, 2788-2794	22
1719	Micro-RNA-375 inhibits lung surfactant secretion by altering cytoskeleton reorganization. 2010 , 62, 78-83	11
1718	MicroRNAs align with accessible sites in target mRNAs. 2010 , 109, 509-18	5

1717	Onco-miR-155 targets SHIP1 to promote TNFalpha-dependent growth of B cell lymphomas. 2009 , 1, 288-95	174
1716	MicroRNA-140 is expressed in differentiated human articular chondrocytes and modulates interleukin-1 responses. 2009 , 60, 2723-30	457
1715	MicroRNAs are novel biomarkers of colorectal cancer. 2009 , 96, 702-10	93
1714	The impact of microRNAs on colorectal cancer. 2009 , 454, 359-67	66
1713	Expression profiling of micro-RNAs in human esophageal squamous cell carcinoma using RT-PCR. 2009 , 42, 102-9	100
1712	A highly effective and long-lasting inhibition of miRNAs with PNA-based antisense oligonucleotides. 2009 , 28, 341-5	60
1711	Down-regulation of miR-141 in gastric cancer and its involvement in cell growth. 2009 , 44, 556-61	157
1710	An elegant miRror: microRNAs in stem cells, developmental timing and cancer. 2009 , 118, 405-18	114
1709	Differential expression of Dicer and Argonaute genes during the differentiation of human neuroblastoma cells. 2009 , 33, 734-8	23
1708	DNA profiling by array comparative genomic hybridization (CGH) of peripheral blood mononuclear cells (PBMC) and tumor tissue cell in non-small cell lung cancer (NSCLC). 2009 , 36, 1767-78	15
1707	The evolution and application of techniques in molecular biology to human brain tumors: a 25 year perspective. 2009 , 92, 261-73	7
1706	Emerging functions of microRNAs in glioblastoma. 2009 , 92, 297-306	93
1705	High miR-21 expression in breast cancer associated with poor disease-free survival in early stage disease and high TGF-beta1. 2009 , 117, 131-40	231
1704	Interactions between the estrogen receptor, its cofactors and microRNAs in breast cancer. 2009 , 116, 425-32	21
1703	In vivo imaging of miR-221 biogenesis in papillary thyroid carcinoma. 2009 , 11, 71-8	36
1702	Noninvasive visualization of microRNA by bioluminescence imaging. 2009 , 11, 61-3	8
1701	MicroRNA expression profiles in thyroid tumors. 2009 , 20, 85-91	96
1700	Diversity and evolution of MicroRNA gene clusters. 2009 , 52, 261-6	49

1699	New insight into the role of miRNAs in leukemia. 2009 , 52, 224-31	11
1698	MicroRNA in cell differentiation and development. 2009 , 52, 205-11	43
1697	MicroRNA-128 inhibits glioma cells proliferation by targeting transcription factor E2F3a. 2009 , 87, 43-51	202
1696	[MicroRNA in uro-oncology : New hope for the diagnosis and treatment of tumors?]. 2009 , 48, 877-85	1
1695	MicroRNA detection by microarray. 2009 , 394, 1117-24	290
1694	Profiling of 95 microRNAs in pancreatic cancer cell lines and surgical specimens by real-time PCR analysis. 2009 , 33, 698-709	256
1693	MiR-21 regulates adipogenic differentiation through the modulation of TGF-beta signaling in mesenchymal stem cells derived from human adipose tissue. 2009 , 27, 3093-102	288
1692	MicroRNA expression profiling of human metastatic cancers identifies cancer gene targets. 2009 , 219, 214-21	402
1691	Intrinsic expression of host genes and intronic miRNAs in prostate carcinoma cells. 2009 , 9, 21	32
1690	Regulation of MicroRNA Biogenesis: A miRiad of mechanisms. 2009 , 7, 18	241
1689	The apoptotic machinery as a biological complex system: analysis of its omics and evolution, identification of candidate genes for fourteen major types of cancer, and experimental validation in CML and neuroblastoma. 2009 , 2, 20	18
1688	Evaluation of a new high-dimensional miRNA profiling platform. 2009 , 2, 57	24
1687	Emerging role of microRNAs in diagnosis and treatment of various diseases including ovarian cancer. 2009 , 2, 11	25
1686	Regulation of microRNA biosynthesis and expression in 2102Ep embryonal carcinoma stem cells is mirrored in ovarian serous adenocarcinoma patients. 2009 , 2, 19	20
1685	MIRN199B downregulation in chronic myeloid leukaemia is associated with deletions on der(9). 2009 , 144, 271-3	5
1684	MicroRNA signature in massive macronodular adrenocortical disease and implications for adrenocortical tumourigenesis. 2010 , 72, 744-51	47
1683	Myc-regulated microRNAs attenuate embryonic stem cell differentiation. 2009 , 28, 3157-70	159
1682	miRNA expression profiling in melanocytes and melanoma cell lines reveals miRNAs associated with formation and progression of malignant melanoma. 2009 , 129, 1740-51	198

1681	Robust global micro-RNA profiling with formalin-fixed paraffin-embedded breast cancer tissues. 2009 , 89, 597-606	205
1680	MicroRNAs and deletion of the derivative chromosome 9 in chronic myeloid leukemia. 2009 , 23, 186-8	16
1679	Overexpression of HMGA2 relates to reduction of the let-7 and its relationship to clinicopathological features in pituitary adenomas. 2009 , 22, 431-41	109
1678	Modulation of microRNA processing by p53. 2009 , 460, 529-33	953
1677	Active turnover modulates mature microRNA activity in <i>Caenorhabditis elegans</i> . 2009 , 461, 546-9	283
1676	The EMT-activator ZEB1 promotes tumorigenicity by repressing stemness-inhibiting microRNAs. 2009 , 11, 1487-95	1357
1675	MicroRNAs--the micro steering wheel of tumour metastases. <i>Nature Reviews Cancer</i> , 2009 , 9, 293-302	31.3 661
1674	Causes and consequences of microRNA dysregulation in cancer. 2009 , 10, 704-14	2482
1673	Lin28 recruits the TUTase Zcchc11 to inhibit let-7 maturation in mouse embryonic stem cells. 2009 , 16, 1021-5	404
1672	An autoregulatory loop mediated by miR-21 and PDCD4 controls the AP-1 activity in RAS transformation. 2009 , 28, 73-84	209
1671	Role of miR-143 targeting KRAS in colorectal tumorigenesis. 2009 , 28, 1385-92	449
1670	The mir-34 microRNA is required for the DNA damage response in vivo in <i>C. elegans</i> and in vitro in human breast cancer cells. 2009 , 28, 2419-24	192
1669	MicroRNA-330 acts as tumor suppressor and induces apoptosis of prostate cancer cells through E2F1-mediated suppression of Akt phosphorylation. 2009 , 28, 3360-70	174
1668	Loss of miR-122 expression in liver cancer correlates with suppression of the hepatic phenotype and gain of metastatic properties. 2009 , 28, 3526-36	580
1667	Protein lysate microarray analysis to identify microRNAs regulating estrogen receptor signaling in breast cancer cell lines. 2009 , 28, 3926-36	186
1666	MiR-17-92 cluster is associated with 13q gain and c-myc expression during colorectal adenoma to adenocarcinoma progression. 2009 , 101, 707-14	219
1665	A study of microRNAs in silico and in vivo: diagnostic and therapeutic applications in cancer. 2009 , 276, 2157-64	28
1664	Differential expression of microRNA species in human gastric cancer versus non-tumorous tissues. 2009 , 24, 652-7	382

1663	The deep evolution of metazoan microRNAs. 2009 , 11, 50-68	410
1662	Reverse engineering and verification of gene networks: principles, assumptions, and limitations of present methods and future perspectives. 2009 , 144, 190-203	55
1661	Computational identification of novel microRNA homologs in the chimpanzee genome. 2009 , 33, 62-70	32
1660	Profiling of molecular pathways regulated by microRNA 601. 2009 , 33, 429-33	22
1659	Identification and functional validation of therapeutic targets for malignant melanoma. 2009 , 72, 194-214	9
1658	Circulating miRNA and cancer diagnosis. 2009 , 52, 1117-22	27
1657	Identification of microRNA expression patterns and definition of a microRNA/mRNA regulatory network in distinct molecular groups of multiple myeloma. 2009 , 114, e20-6	213
1656	Therapeutic microRNA strategies in human cancer. 2009 , 11, 747-57	134
1655	Involvement of CD40 targeting miR-224 and miR-486 on the progression of pancreatic ductal adenocarcinomas. 2009 , 16, 2339-50	117
1654	MicroRNAs: novel diagnostic and therapeutic tools for pancreatic ductal adenocarcinoma?. 2009 , 16, 3183-9	50
1653	Exosomes: proteomic insights and diagnostic potential. 2009 , 6, 267-83	760
1652	Signatures of purifying and local positive selection in human miRNAs. 2009 , 84, 316-27	68
1651	miR-196a regulates proliferation and osteogenic differentiation in mesenchymal stem cells derived from human adipose tissue. 2009 , 24, 816-25	202
1650	Downregulation of microRNA expression in the lungs of rats exposed to cigarette smoke. 2009 , 23, 806-12	364
1649	DIANA-mirPath: Integrating human and mouse microRNAs in pathways. 2009 , 25, 1991-3	243
1648	miR-200 expression regulates epithelial-to-mesenchymal transition in bladder cancer cells and reverses resistance to epidermal growth factor receptor therapy. 2009 , 15, 5060-72	353
1647	Uncovering growth-suppressive MicroRNAs in lung cancer. 2009 , 15, 1177-83	157
1646	Combinatorial control of suicide gene expression by tissue-specific promoter and microRNA regulation for cancer therapy. 2009 , 17, 2058-66	60

1645	Profiling and discovery of novel miRNAs from formalin-fixed, paraffin-embedded melanoma and nodal specimens. 2009 , 11, 420-9	32
1644	MicroRNA regulation below zero: differential expression of miRNA-21 and miRNA-16 during freezing in wood frogs. 2009 , 59, 317-21	62
1643	Control of microRNA biogenesis by TGFbeta signaling pathway-A novel role of Smads in the nucleus. 2009 , 20, 517-21	57
1642	MicroRNAs: key players in carcinogenesis and novel therapeutic targets. 2009 , 35, 339-47	108
1641	Dual mechanism of deltaEF1 expression regulated by bone morphogenetic protein-6 in breast cancer. 2009 , 41, 853-61	27
1640	DNA methylomes, histone codes and miRNAs: tying it all together. 2009 , 41, 87-95	250
1639	MicroRNAs in the pathogenesis of neuroblastoma. 2009 , 274, 10-5	34
1638	MicroRNAs: novel regulators in the hallmarks of human cancer. 2009 , 285, 116-26	351
1637	MicroRNA-138 suppresses invasion and promotes apoptosis in head and neck squamous cell carcinoma cell lines. 2009 , 286, 217-22	169
1636	Detection of miR-106a in gastric carcinoma and its clinical significance. 2009 , 400, 97-102	129
1635	SnapShot: MicroRNAs in Cancer. 2009 , 137, 586-586.e1	204
1634	Downregulation of miRNA-200c links breast cancer stem cells with normal stem cells. 2009 , 138, 592-603	1010
1633	miR-155 gene: a typical multifunctional microRNA. 2009 , 1792, 497-505	545
1632	Epigenetic therapy upregulates the tumor suppressor microRNA-126 and its host gene EGFL7 in human cancer cells. 2009 , 379, 726-31	198
1631	Recombination rates of human microRNA. 2009 , 379, 702-5	1
1630	MicroRNA-15b regulates cell cycle progression by targeting cyclins in glioma cells. 2009 , 380, 205-10	121
1629	MicroRNA involvement in glioblastoma pathogenesis. 2009 , 386, 1-5	109
1628	MicroRNA-122a functions as a novel tumor suppressor downstream of adenomatous polyposis coli in gastrointestinal cancers. 2009 , 387, 376-80	29

1627	Functional elucidation of MiR-34 in osteosarcoma cells and primary tumor samples. 2009 , 388, 35-40	131
1626	MicroRNA-21 promotes cell proliferation and down-regulates the expression of programmed cell death 4 (PDCD4) in HeLa cervical carcinoma cells. 2009 , 388, 539-42	168
1625	MicroRNA isolation and stability in stored RNA samples. 2009 , 390, 1-4	158
1624	Regulation by c-Myc of ncRNA expression. 2009 , 19, 38-43	21
1623	AngiomiRs--key regulators of angiogenesis. 2009 , 19, 205-11	361
1622	Large-scale genome analysis reveals unique features of microRNAs. 2009 , 443, 100-9	87
1621	Ribosomal protein RPS-14 modulates let-7 microRNA function in <i>Caenorhabditis elegans</i> . 2009 , 334, 152-60	18
1620	Transcription of the <i>C. elegans</i> let-7 microRNA is temporally regulated by one of its targets, hbl-1. 2009 , 334, 523-34	37
1619	Hematopoiesis-related microRNA expression in myelodysplastic syndromes. 2009 , 50, 1854-9	74
1618	Role of 5'- and 3'-untranslated regions of mRNAs in human diseases. 2009 , 101, 251-62	301
1617	Retinoic acid receptor antagonists inhibit miR-10a expression and block metastatic behavior of pancreatic cancer. 2009 , 137, 2136-45.e1-7	198
1616	MicroRNAs in clinical oncology: at the crossroads between promises and problems. 2009 , 62, 771-6	60
1615	RNA inhibition, microRNAs, and new therapeutic agents for cancer treatment. 2009 , 9 Suppl 3, S313-8	28
1614	MicroRNA-500 as a potential diagnostic marker for hepatocellular carcinoma. 2009 , 14, 529-38	186
1613	MicroRNAs in colorectal cancer: translation of molecular biology into clinical application. 2009 , 8, 102	272
1612	Molekularbiologie von Krebs. 2009 , 475-497	
1611	Discovery of New Medicines. 1-80	2
1610	MicroRNA dysregulation during chemical carcinogenesis. 2009 , 1, 281-90	20

1609	Epigenetics and ovarian cancer. 2009 , 149, 131-46	9
1608	New trends in molecular biomarker discovery for breast cancer. 2009 , 13, 565-71	31
1607	Cellular Signaling in Health and Disease. 2009 ,	6
1606	Molecular Biology. 2009 , 85-120	
1605	mRNA expression profiles show differential regulatory effects of microRNAs between estrogen receptor-positive and estrogen receptor-negative breast cancer. 2009 , 10, R90	85
1604	A novel and universal method for microRNA RT-qPCR data normalization. 2009 , 10, R64	746
1603	Dynamic expression of small non-coding RNAs, including novel microRNAs and piRNAs/21U-RNAs, during <i>Caenorhabditis elegans</i> development. 2009 , 10, R54	111
1602	The emerging molecular pathogenesis of neuroblastoma: implications for improved risk assessment and targeted therapy. 2009 , 1, 74	27
1601	Variants within the COL5A1 gene are associated with Achilles tendinopathy in two populations. 2009 , 43, 357-65	131
1600	Genome-wide survey of microRNA-transcription factor feed-forward regulatory circuits in human. 2009 , 5, 854-67	98
1599	. 2009 ,	1
1598	MicroRNA-206 targets notch3, activates apoptosis, and inhibits tumor cell migration and focus formation. 2009 , 284, 31921-7	170
1597	Identifying MiRNA and Imaging Features Associated with Metastasis of Lung Cancer to the Brain. 2009 ,	5
1596	microRNA miR-196a-2 and breast cancer: a genetic and epigenetic association study and functional analysis. 2009 , 69, 5970-7	294
1595	Global changes in processing of mRNA 3' untranslated regions characterize clinically distinct cancer subtypes. 2009 , 69, 9422-30	117
1594	MicroRNA involvement in the pathogenesis and management of breast cancer. 2009 , 62, 422-8	55
1593	The role of microRNA-221 and microRNA-222 in androgen-independent prostate cancer cell lines. 2009 , 69, 3356-63	211
1592	Regulation of epidermal growth factor receptor signaling in human cancer cells by microRNA-7. 2009 , 284, 5731-41	345

1591	Small but influential: the role of microRNAs on gene regulatory network and 3'UTR evolution. 2009 , 36, 1-6	94
1590	The sodium pump alpha1 sub-unit: a disease progression-related target for metastatic melanoma treatment. 2009 , 13, 3960-72	88
1589	A study of microRNAs in silico and in vivo: bioimaging of microRNA biogenesis and regulation. 2009 , 276, 2165-74	23
1588	MicroRNA-196a is a potential marker of progression during Barrett's metaplasia-dysplasia-invasive adenocarcinoma sequence in esophagus. 2009 , 174, 1940-8	130
1587	Low-level expression of microRNAs let-7d and miR-205 are prognostic markers of head and neck squamous cell carcinoma. 2009 , 174, 736-45	309
1586	Lost in translation: an assessment and perspective for computational microRNA target identification. 2009 , 25, 3049-55	276
1585	Small RNA molecules in the regulation of spermatogenesis. 2009 , 137, 901-11	122
1584	Endonucleolytic initiation of mRNA decay in Escherichia coli. 2009 , 85, 91-135	120
1583	Triple negative breast cancers: clinical and prognostic implications. 2009 , 45 Suppl 1, 27-40	173
1582	Bead-based microarray analysis of microRNA expression in hepatocellular carcinoma: miR-338 is downregulated. 2009 , 39, 786-94	132
1581	MicroRNA identification in plasma and serum: a new tool to diagnose and monitor diseases. 2009 , 9, 703-711	321
1580	MicroRNAs: The Jack of All Trades. 2009 , 3, 20-32	2
1579	Altered microRNA Expression Patterns in Hepatoblastoma Patients. 2009 , 2, 157-63	59
1578	Effects of let-7 microRNA on Cell Growth and Differentiation of Papillary Thyroid Cancer. 2009 , 2, 236-41	82
1577	A conserved gene structure and expression regulation of miR-433 and miR-127 in mammals. 2009 , 4, e7829	46
1576	Suberoylanilide hydroxamic acid (SAHA) changes microRNA expression profiles in A549 human non-small cell lung cancer cells. 2009 , 24, 45-50	45
1575	HPV E6 oncoprotein prevents recovery of stalled replication forks independently of p53 degradation. 2009 , 8, 2138	4
1574	MicroRNA profiling of human kidney cancer subtypes. 2009 , 35, 109-14	121

1573	Specific activation of microRNA106b enables the p73 apoptotic response in chronic lymphocytic leukemia by targeting the ubiquitin ligase Itch for degradation. 2009 , 113, 3744-53	74
1572	Copy number abnormalities, MYC activity, and the genetic fingerprint of normal B cells mechanistically define the microRNA profile of diffuse large B-cell lymphoma. 2009 , 113, 6681-90	64
1571	miR-145 inhibits breast cancer cell growth through RTKN. 2009 ,	3
1570	MicroRNA-21 induces cell proliferation and invasion in esophageal squamous cell carcinoma. 2009 , 2, 235-9	28
1569	NCCN task force report: molecular markers in leukemias and lymphomas. 2009 , 7 Suppl 4, S1-34, quiz S35-6	8
1568	MicroRNAs regulation modulated self-renewal and lineage differentiation of stem cells. 2009 , 18, 1039-45	57
1567	Carcinogenesis and therapeutic strategies in thyroid cancer. 2010 , 11, 716-32	4
1566	Feud or Friend? The Role of the miR-17-92 Cluster in Tumorigenesis. 2010 , 11, 129-35	62
1565	MicroRNA: Biogenesis, Function and Role in Cancer. 2010 , 11, 537-61	1021
1564	Small non-coding RNAs as novel therapeutics. 2010 , 10, 361-8	52
1563	Association between common genetic variants in pre-microRNAs and the clinicopathological characteristics and survival of gastric cancer patients. 2010 , 1, 1035-1040	10
1562	Downregulation of miR-125b in metastatic cutaneous malignant melanoma. 2010 , 20, 479-84	66
1561	Lung cancer genomic signatures. 2010 , 5, 1673-91	24
1560	Expression of microRNAs in squamous cell carcinoma of human head and neck and the esophagus: miR-205 and miR-21 are specific markers for HNSCC and ESCC. 2010 , 23, 1625-33	81
1559	MicroRNA and proliferation control in chronic lymphocytic leukemia: functional relationship between miR-221/222 cluster and p27. 2010 , 115, 3949-59	92
1558	microRNA fingerprinting of CLL patients with chromosome 17p deletion identify a miR-21 score that stratifies early survival. 2010 , 116, 945-52	173
1557	C/EBP β -regulated microRNA-34a targets E2F3 during granulopoiesis and is down-regulated in AML with CEBPA mutations. 2010 , 116, 5638-49	104
1556	miReg: a resource for microRNA regulation. 2010 , 7,	11

1555	Small molecule modifiers of the microRNA and RNA interference pathway. 2010 , 12, 51-60	81
1554	microRNA and cancer. 2010 , 12, 309-17	120
1553	Association between common genetic variants in pre-microRNAs and gastric cancer risk in Japanese population. 2010 , 15, 524-31	130
1552	Aberrant methylation in non-small cell lung cancer. 2010 , 40, 602-7	31
1551	DNA methylation and miRNA expression profiling in childhood B-cell acute lymphoblastic leukemia. 2010 , 2, 697-708	13
1550	Increase in Circulating MicroRNA Levels in Blood of Ovarian Cancer Patients. 2010 , 63-71	1
1549	MIR152, MIR200B, and MIR338, human positional and functional neuroblastoma candidates, are involved in neuroblast differentiation and apoptosis. 2010 , 88, 1041-53	35
1548	Dynamics of microRNA biogenesis: crosstalk between p53 network and microRNA processing pathway. 2010 , 88, 1085-94	63
1547	Prognostic impact of microRNA-related gene polymorphisms on survival of patients with colorectal cancer. 2010 , 136, 1073-8	46
1546	A polymorphism of microRNA196a genome region was associated with decreased risk of glioma in Chinese population. 2010 , 136, 1853-9	70
1545	MicroRNAs and cancer. 2010 , 9, 547-554	4
1544	Regulating the genome surveillance system: miRNAs and the p53 super family. 2010 , 15, 541-52	20
1543	Increased expression of miR-421 in human gastric carcinoma and its clinical association. 2010 , 45, 17-23	116
1542	MicroRNAs and ultraconserved genes as diagnostic markers and therapeutic targets in cancer and cardiovascular diseases. 2010 , 3, 271-9	36
1541	MicroRNAs: Potential biomarkers in cancer. 2010 , 25, 4-14	46
1540	Cancer: evolutionary, genetic and epigenetic aspects. 2010 , 1, 85-100	12
1539	microRNAs: tiny RNA molecules, huge driving forces to move the cell. 2010 , 1, 916-26	23
1538	Bioinformatics study indicates possible microRNA-regulated pathways in the differentiation of breast cancer. 2010 , 55, 927-936	3

1537	MicroRNA expression in ACTH-producing pituitary tumors: up-regulation of microRNA-122 and -493 in pituitary carcinomas. 2010 , 38, 67-75	73
1536	Altered expression of MiR-148a and MiR-152 in gastrointestinal cancers and its clinical significance. 2010 , 14, 1170-9	172
1535	A genetic variant in the pre-miR-27a oncogene is associated with a reduced familial breast cancer risk. 2010 , 121, 693-702	110
1534	The role of microRNA-128a in regulating TGFbeta signaling in letrozole-resistant breast cancer cells. 2010 , 124, 89-99	84
1533	microRNAs and lung cancer: tumors and 22-mers. 2010 , 29, 109-22	63
1532	Metastasis-related miRNAs, active players in breast cancer invasion, and metastasis. 2010 , 29, 785-99	80
1531	A direct comparison of anti-microRNA oligonucleotide potency. 2010 , 27, 1788-99	141
1530	Cell cycle inhibition without disruption of neurogenesis is a strategy for treatment of central nervous system diseases. 2010 , 37, 549-57	20
1529	The levels of hypoxia-regulated microRNAs in plasma of pregnant women with fetal growth restriction. 2010 , 31, 781-4	138
1528	Repression of transposable-elements - a microRNA anti-cancer defense mechanism?. 2010 , 26, 253-9	27
1527	Gene bi-targeting by viral and human miRNAs. 2010 , 11, 249	24
1526	TAM: a method for enrichment and depletion analysis of a microRNA category in a list of microRNAs. 2010 , 11, 419	104
1525	CircuitsDB: a database of mixed microRNA/transcription factor feed-forward regulatory circuits in human and mouse. 2010 , 11, 435	104
1524	MTar: a computational microRNA target prediction architecture for human transcriptome. 2010 , 11 Suppl 1, S2	40
1523	MiRenSVM: towards better prediction of microRNA precursors using an ensemble SVM classifier with multi-loop features. 2010 , 11 Suppl 11, S11	62
1522	Improvement of tissue preparation for laser capture microdissection: application for cell type-specific miRNA expression profiling in colorectal tumors. 2010 , 11, 163	56
1521	miRNeve: a microRNA expression atlas of the mouse eye. 2010 , 11, 715	122
1520	Deregulation of miR-92a expression is implicated in hepatocellular carcinoma development. 2010 , 60, 351-7	150

1519	The RNA binding protein HuR differentially regulates unique subsets of mRNAs in estrogen receptor negative and estrogen receptor positive breast cancer. 2010 , 10, 126	46
1518	MicroRNA expression profiling to identify and validate reference genes for relative quantification in colorectal cancer. 2010 , 10, 173	182
1517	Argonaute proteins: potential biomarkers for human colon cancer. 2010 , 10, 38	95
1516	Expression of RNA interference triggers from an oncolytic herpes simplex virus results in specific silencing in tumour cells in vitro and tumours in vivo. 2010 , 10, 486	12
1515	Suppression of microRNA-31 increases sensitivity to 5-FU at an early stage, and affects cell migration and invasion in HCT-116 colon cancer cells. 2010 , 10, 616	86
1514	Identifying mRNA targets of microRNA dysregulated in cancer: with application to clear cell Renal Cell Carcinoma. 2010 , 4, 51	201
1513	Impact on cell to plasma ratio of miR-92a in patients with acute leukemia: in vivo assessment of cell to plasma ratio of miR-92a. 2010 , 3, 347	47
1512	Performance evaluation of commercial miRNA expression array platforms. 2010 , 3, 80	25
1511	Cancer therapy via modulation of micro RNA levels: a promising future. 2010 , 15, 733-40	58
1510	MicroRNAs in the tumor endothelium: novel controls on the angioregulatory switchboard. 2010 , 1805, 87-96	36
1509	Modulation of K-Ras-dependent lung tumorigenesis by MicroRNA-21. 2010 , 18, 282-93	491
1508	A genetic defect in exportin-5 traps precursor microRNAs in the nucleus of cancer cells. 2010 , 18, 303-15	261
1507	Examination of the expanding pathways for the regulation of p21 expression and activity. 2010 , 22, 1003-12	300
1506	The many functions of microRNAs in glioblastoma. 2010 , 73, 598-601	12
1505	Regulation of miR-200 family microRNAs and ZEB transcription factors in ovarian cancer: evidence supporting a mesothelial-to-epithelial transition. 2010 , 116, 117-25	159
1504	The role of microRNAs in ovarian cancer initiation and progression. 2010 , 14, 2240-9	39
1503	miR-20a and miR-290, multi-faceted players with a role in tumourigenesis and senescence. 2010 , 14, 2633-40	24
1502	hsa-mir-210 is a marker of tumor hypoxia and a prognostic factor in head and neck cancer. 2010 , 116, 2148-58	193

1501	Is there a role for mammary stem cells in inflammatory breast carcinoma?: a review of evidence from cell line, animal model, and human tissue sample experiments. 2010 , 116, 2794-805	31
1500	Genetic variants in selected pre-microRNA genes and the risk of squamous cell carcinoma of the head and neck. 2010 , 116, 4753-60	134
1499	MicroRNA-205-directed transcriptional activation of tumor suppressor genes in prostate cancer. 2010 , 116, 5637-49	222
1498	Liver-enriched transcription factors regulate microRNA-122 that targets CUTL1 during liver development. 2010 , 52, 1431-42	207
1497	B-cell differentiation in EBV-positive Burkitt lymphoma is impaired at posttranscriptional level by miRNA-altered expression. 2010 , 126, 1316-26	59
1496	Elevated expression of microRNAs 155, 203, 210 and 222 in pancreatic tumors is associated with poorer survival. 2010 , 126, 73-80	357
1495	EP300--a miRNA-regulated metastasis suppressor gene in ductal adenocarcinomas of the pancreas. 2010 , 126, 114-24	109
1494	miR-145, miR-133a and miR-133b: Tumor-suppressive miRNAs target FSCN1 in esophageal squamous cell carcinoma. 2010 , 127, 2804-14	383
1493	MicroRNAs and other small silencing RNAs in cancer. 2010 , 62, 859-68	15
1492	Gene Therapy Strategies: Constructing an AAV Trojan Horse. 2010 , 283-306	
1491	Oncogenic microRNAs (OncomiRs) as a new class of cancer biomarkers. 2010 , 32, 894-904	64
1490	Genetic variation in MicroRNA genes and risk of oral premalignant lesions. 2010 , 49, 183-9	80
1489	Association of a common AGO1 variant with lung cancer risk: a two-stage case-control study. 2010 , 49, 913-21	46
1488	MicroRNAs as gatekeepers of apoptosis. 2010 , 223, 289-98	102
1487	Differential expression profiling of microRNAs and their potential involvement in renal cell carcinoma pathogenesis. 2010 , 43, 150-8	169
1486	Electrochemical DNA hybridization sensors applied to real and complex biological samples. 2010 , 26, 1205-17	100
1485	Biaryl modification of the 5'-terminus of one strand of a microRNA duplex induces strand specificity. 2010 , 20, 7299-302	18
1484	Pdcd4, a colon cancer prognostic that is regulated by a microRNA. 2010 , 73, 185-91	102

1483	Lin28-let7 modulates radiosensitivity of human cancer cells with activation of K-Ras. 2010 , 76, 5-8	162
1482	New miRNA labeling method for bead-based quantification. 2010 , 11, 44	24
1481	Altered expression of microRNAs in the myocardium of rats with acute myocardial infarction. 2010 , 10, 11	44
1480	Optimization and analysis of a quantitative real-time PCR-based technique to determine microRNA expression in formalin-fixed paraffin-embedded samples. 2010 , 10, 47	36
1479	Development of the human cancer microRNA network. 2010 , 1, 6	183
1478	A functional polymorphism in Pre-miR-146a gene is associated with prostate cancer risk and mature miR-146a expression in vivo. 2010 , 70, 467-72	108
1477	MiR-34a attenuates paclitaxel-resistance of hormone-refractory prostate cancer PC3 cells through direct and indirect mechanisms. 2010 , 70, 1501-12	158
1476	Somatic mutations and losses of expression of microRNA regulation-related genes AGO2 and TNRC6A in gastric and colorectal cancers. 2010 , 221, 139-46	84
1475	VHL and HIF signalling in renal cell carcinogenesis. 2010 , 221, 125-38	213
1474	Inhibitory RNA in epilepsy: research tools and therapeutic perspectives. 2010 , 51, 1659-68	22
1473	An estrogen receptor alpha suppressor, microRNA-22, is downregulated in estrogen receptor alpha-positive human breast cancer cell lines and clinical samples. 2010 , 277, 1684-94	129
1472	Anti-miR-21 oligonucleotide sensitizes leukemic K562 cells to arsenic trioxide by inducing apoptosis. 2010 , 101, 948-54	63
1471	Hsa-mir-27a genetic variant contributes to gastric cancer susceptibility through affecting miR-27a and target gene expression. 2010 , 101, 2241-7	119
1470	The microRNA pathway and cancer. 2010 , 101, 2309-15	183
1469	Gene silencing of MIR22 in acute lymphoblastic leukaemia involves histone modifications independent of promoter DNA methylation. 2010 , 148, 69-79	35
1468	miR-145 induces caspase-dependent and -independent cell death in urothelial cancer cell lines with targeting of an expression signature present in Ta bladder tumors. 2010 , 29, 1073-84	123
1467	Regression of murine lung tumors by the let-7 microRNA. 2010 , 29, 1580-7	423
1466	An integrative genomics screen uncovers ncRNA T-UCR functions in neuroblastoma tumours. 2010 , 29, 3583-92	125

1465	miR-200bc/429 cluster targets PLCgamma1 and differentially regulates proliferation and EGF-driven invasion than miR-200a/141 in breast cancer. 2010 , 29, 4297-306	175
1464	Tumor-suppressive microRNA-22 inhibits the transcription of E-box-containing c-Myc target genes by silencing c-Myc binding protein. 2010 , 29, 4980-8	108
1463	CpG island hypermethylation-associated silencing of non-coding RNAs transcribed from ultraconserved regions in human cancer. 2010 , 29, 6390-401	158
1462	Three dysregulated miRNAs control kallikrein 10 expression and cell proliferation in ovarian cancer. 2010 , 102, 1244-53	74
1461	MicroRNA-206 expression levels correlate with clinical behaviour of rhabdomyosarcomas. 2010 , 102, 1769-77	94
1460	miR-489 is a tumour-suppressive miRNA target PTPN11 in hypopharyngeal squamous cell carcinoma (HSCC). 2010 , 103, 877-84	133
1459	Targeting microRNAs with small molecules: from dream to reality. 2010 , 87, 754-8	119
1458	The ZEB/miR-200 feedback loop--a motor of cellular plasticity in development and cancer?. 2010 , 11, 670-7	620
1457	Brain and blood microRNA expression profiling of ischemic stroke, intracerebral hemorrhage, and kainate seizures. 2010 , 30, 92-101	407
1456	Deregulation of microRNA expression in the different genetic subtypes of multiple myeloma and correlation with gene expression profiling. 2010 , 24, 629-37	173
1455	OncomiR addiction in an in vivo model of microRNA-21-induced pre-B-cell lymphoma. 2010 , 467, 86-90	780
1454	Stem cells: Big roles for small RNAs. 2010 , 463, 616	9
1453	Monoallelic but not biallelic loss of Dicer1 promotes tumorigenesis in vivo. 2010 , 17, 633-41	128
1452	The miR-34 family in cancer and apoptosis. 2010 , 17, 193-9	978
1451	MicroRNAs and glioblastoma; the stem cell connection. 2010 , 17, 221-8	90
1450	Gain of miR-151 on chromosome 8q24.3 facilitates tumour cell migration and spreading through downregulating RhoGDI. 2010 , 12, 390-9	265
1449	miR-380-5p represses p53 to control cellular survival and is associated with poor outcome in MYCN-amplified neuroblastoma. 2010 , 16, 1134-40	156
1448	Leukaemogenesis: more than mutant genes. <i>Nature Reviews Cancer</i> , 2010 , 10, 23-36	313 243

1447	Genetic variation in microRNA networks: the implications for cancer research. <i>Nature Reviews Cancer</i> , 2010 , 10, 389-402	313	1045
1446	Multifaceted polo-like kinases: drug targets and antitargets for cancer therapy. 2010 , 9, 643-60		493
1445	Initial study of microRNA expression profiles of colonic cancer without lymph node metastasis. 2010 , 11, 50-4		178
1444	Circulating miR-221 directly amplified from plasma is a potential diagnostic and prognostic marker of colorectal cancer and is correlated with p53 expression. 2010 , 25, 1674-80		235
1443	microRNAs in diseases: from candidate to modifier genes. 2010 , 77, 306-13		82
1442	MicroRNA profiling of multiple osteochondromas: identification of disease-specific and normal cartilage signatures. 2010 , 78, 507-16		29
1441	Physiological and Pathological Functions of Mammalian MicroRNAs. 2010 , 427-446		6
1440	Computational Identification and Characterization of Putative miRNAs in Nasonia Species. 2010 , 2, IJIS.S4197		
1439	MicroRNAs as biomarkers for the diagnosis and prognosis of human cancer. 2010 , 1, 14		1
1438	Diagnostic and Prognostic Value of Circulating miR-221 for Extranodal Natural Killer/T-Cell Lymphoma. 2010 , 29, 251-258		63
1437	Mechanisms of microRNA-mediated regulation of angiogenesis. 2010 , 2, 1304-19		5
1436	Human microRNA oncogenes and tumor suppressors show significantly different biological patterns: from functions to targets. 2010 , 5, e13067		133
1435	The regulation of miRNA-211 expression and its role in melanoma cell invasiveness. 2010 , 5, e13779		158
1434	Patterns of microRNA expression in non-human primate cells correlate with neoplastic development in vitro. 2010 , 5, e14416		16
1433	Unregulated miR-96 induces cell proliferation in human breast cancer by downregulating transcriptional factor FOXO3a. 2010 , 5, e15797		152
1432	The central role of RNA in the genetic programming of complex organisms. 2010 , 82, 933-9		15
1431	New surprises from the deep--the family of small regulatory RNAs increases. 2010 , 10, 1239-43		14
1430	MicroRNA-181 family predicts response to concomitant chemoradiotherapy with temozolomide in glioblastoma patients. 2010 , 57, 264-9		101

1429	MicroRNA-34b has an oncogenic role in esophageal squamous cell carcinoma. 2010 , 1, 685-689	18
1428	A novel measure for evaluating an ordered list. 2010 ,	2
1427	Multiple E2F-induced microRNAs prevent replicative stress in response to mitogenic signaling. 2010 , 30, 2983-95	85
1426	A personalized microRNA microarray normalization method using a logistic regression model. 2010 , 26, 228-34	34
1425	Non-coding RNAs: identification of cancer-associated microRNAs by gene profiling. 2010 , 9, 123-38	59
1424	Aberrant overexpression and function of the miR-17-92 cluster in MLL-rearranged acute leukemia. 2010 , 107, 3710-5	121
1423	MicroRNA expression profiling of exfoliated colonocytes isolated from feces for colorectal cancer screening. 2010 , 3, 1435-42	158
1422	A KRAS-variant in ovarian cancer acts as a genetic marker of cancer risk. 2010 , 70, 6509-15	122
1421	Differential expression of microRNAs in human parathyroid carcinomas compared with normal parathyroid tissue. 2010 , 17, 135-46	115
1420	MicroRNA-370 controls the expression of microRNA-122 and Cpt1alpha and affects lipid metabolism. 2010 , 51, 1513-23	231
1419	Malignant germ cell tumors display common microRNA profiles resulting in global changes in expression of messenger RNA targets. 2010 , 70, 2911-23	201
1418	Zebrafish models of p53 functions. 2010 , 2, a001123	44
1417	Mature microRNA sequence polymorphism in MIR196A2 is associated with risk and prognosis of head and neck cancer. 2010 , 16, 3713-20	109
1416	MicroRNA-519c suppresses hypoxia-inducible factor-1alpha expression and tumor angiogenesis. 2010 , 70, 2675-85	163
1415	Downregulation of microRNA miR-520h by E1A contributes to anticancer activity. 2010 , 70, 5096-108	52
1414	Strengths and limitations of laboratory procedures for microRNA detection. 2010 , 19, 907-11	115
1413	TransmiR: a transcription factor-microRNA regulation database. 2010 , 38, D119-22	318
1412	MicroRNA145 targets BNIP3 and suppresses prostate cancer progression. 2010 , 70, 2728-38	116

1411	MicroRNA miR-183 functions as an oncogene by targeting the transcription factor EGR1 and promoting tumor cell migration. 2010 , 70, 9570-80	238
1410	Numerical modelling of microRNA-mediated mRNA decay identifies novel mechanism of microRNA controlled mRNA downregulation. 2010 , 38, 4579-85	19
1409	Non-codingRNA sequence variations in human chronic lymphocytic leukemia and colorectal cancer. 2010 , 31, 208-15	65
1408	Cancer stem cells in pancreatic cancer. 2010 , 2, 1629-41	18
1407	Involvement of epigenetically silenced microRNA-181c in gastric carcinogenesis. 2010 , 31, 777-84	126
1406	A pilot study of circulating miRNAs as potential biomarkers of early stage breast cancer. 2010 , 5, e13735	304
1405	Clinical, pathological and molecular determinants in squamous cell carcinoma of the oral cavity. 2010 , 6, 837-50	39
1404	Drug Discovery in Pancreatic Cancer. 2010 ,	
1403	Genetic variations in microRNA-related genes are associated with survival and recurrence in patients with renal cell carcinoma. 2010 , 31, 1805-12	110
1402	Emerging biomarkers in breast cancer care. 2010 , 4, 505-22	11
1401	Dysregulation of kallikrein-related peptidases in renal cell carcinoma: potential targets of miRNAs. 2010 , 391, 411-23	48
1400	Identification of microRNAs regulating reprogramming factor LIN28 in embryonic stem cells and cancer cells. 2010 , 285, 41961-71	122
1399	miR-200a regulates epithelial-mesenchymal to stem-like transition via ZEB2 and beta-catenin signaling. 2010 , 285, 36995-7004	92
1398	The miR-217 microRNA functions as a potential tumor suppressor in pancreatic ductal adenocarcinoma by targeting KRAS. 2010 , 31, 1726-33	191
1397	MicroRNA binding site polymorphisms as biomarkers of cancer risk. 2010 , 10, 817-29	42
1396	Enhanced levels of microRNA-125b in vascular smooth muscle cells of diabetic db/db mice lead to increased inflammatory gene expression by targeting the histone methyltransferase Suv39h1. 2010 , 59, 2904-15	162
1395	Expression profile of microRNAs in serum: a fingerprint for esophageal squamous cell carcinoma. 2010 , 56, 1871-9	269
1394	ANIMAL MICRORNA TARGET PREDICTION USING DIVERSE SEQUENCE-SPECIFIC DETERMINANTS. 2010 , 08, 763-788	19

1393	Development of a lung cancer therapeutic based on the tumor suppressor microRNA-34. 2010 , 70, 5923-30	554
1392	Acute Myelogenous Leukemia. 2010 ,	
1391	Potential role of miRNAs and their inhibitors in glioma treatment. 2010 , 10, 1753-62	15
1390	Editing of Epstein-Barr virus-encoded BART6 microRNAs controls their dicer targeting and consequently affects viral latency. 2010 , 285, 33358-33370	171
1389	microRNA-29a induces aberrant self-renewal capacity in hematopoietic progenitors, biased myeloid development, and acute myeloid leukemia. 2010 , 207, 475-89	260
1388	Paxillin predicts survival and relapse in non-small cell lung cancer by microRNA-218 targeting. 2010 , 70, 10392-401	109
1387	MicroRNA-145 suppresses cell invasion and metastasis by directly targeting mucin 1. 2010 , 70, 378-87	324
1386	Glucocorticoids modulate microRNA expression and processing during lymphocyte apoptosis. 2010 , 285, 36698-708	77
1385	MicroRNA expression differentiates histology and predicts survival of lung cancer. 2010 , 16, 430-41	283
1384	Genomics of medulloblastoma: from Giemsa-banding to next-generation sequencing in 20 years. 2010 , 28, E6	40
1383	Overexpression of the RNA binding protein HuR impairs tumor growth in triple negative breast cancer associated with deficient angiogenesis. 2010 , 9, 3337-46	36
1382	The changing face of esophageal cancer. 2010 , 2, 1379-404	49
1381	Embryonic stem cell-related miRNAs are involved in differentiation of pluripotent cells originating from the germ line. 2010 , 16, 793-803	16
1380	MIR-218 inhibits invasion and metastasis of gastric cancer by targeting the Robo1 receptor. 2010 , 6, e1000879	359
1379	Circulating MicroRNAs in Cancer. 2010 , 129-145	1
1378	The Zebrafish Model for Liver Carcinogenesis. 2010 , 197-218	5
1377	Black carbon exposures, blood pressure, and interactions with single nucleotide polymorphisms in MicroRNA processing genes. 2010 , 118, 943-8	60
1376	MicroRNAs as promising biomarkers for diagnosing human cancer. 2010 , 28, 670-1	13

1375	Prediction of a gene regulatory network linked to prostate cancer from gene expression, microRNA and clinical data. 2010 , 26, i638-44	25
1374	Lung cancer: a modified epigenome. 2010 , 4, 107-13	14
1373	MicroRNA-21 promotes the cell proliferation, invasion and migration abilities in ovarian epithelial carcinomas through inhibiting the expression of PTEN protein. 2010 , 26, 819-27	131
1372	Oncogenic role of miR-483-3p at the IGF2/483 locus. 2010 , 70, 3140-9	239
1371	Targeting MYC-Regulated miRNAs to Combat Cancer. 2010 , 1, 660-7	46
1370	Oncogenic HER2{Delta}16 suppresses miR-15a/16 and deregulates BCL-2 to promote endocrine resistance of breast tumors. 2010 , 31, 2049-57	123
1369	Trisomy-21 gene dosage over-expression of miRNAs results in the haploinsufficiency of specific target proteins. 2010 , 7, 540-7	55
1368	Anti-miR-21 oligonucleotide enhances chemosensitivity of leukemic HL60 cells to arabinosylcytosine by inducing apoptosis. 2010 , 15, 215-21	45
1367	MicroRNA-21 as a Novel Therapeutic Target. 2010 , 6, 41-50	1
1366	microRNAs in cancer: from bench to bedside. 2010 , 108, 113-57	40
1365	MicroRNA expression in ileal carcinoid tumors: downregulation of microRNA-133a with tumor progression. 2010 , 23, 367-75	79
1364	miRNA: small molecules as potential novel biomarkers in cancer. 2010 , 17, 4427-32	57
1363	[miRNAs and cancer]. 2010 , 97, 1231-9	1
1362	Involvement of microRNA-21 in mediating chemo-resistance to docetaxel in androgen-independent prostate cancer PC3 cells. 2010 , 31, 867-73	117
1361	miRNA-96 suppresses KRAS and functions as a tumor suppressor gene in pancreatic cancer. 2010 , 70, 6015-25	273
1360	miRNAs as biomarkers for management of patients with colorectal cancer. 2010 , 4, 761-70	17
1359	Epigenetic targets in human neoplasms. 2010 , 2, 221-32	5
1358	miRNAs as biomarkers in colorectal cancer diagnosis and prognosis. 2010 , 2, 901-6	21

1357	miR-133b regulates the MET proto-oncogene and inhibits the growth of colorectal cancer cells in vitro and in vivo. 2010 , 10, 190-7	103
1356	Tumor-initiating and -propagating cells: cells that we would like to identify and control. 2010 , 12, 506-15	68
1355	MicroRNAs Function as Tumor Suppressor Genes and Oncogenes. 2010 , 149-184	3
1354	Single Nucleotide Polymorphisms in MicroRNAs and MicroRNA Binding Sites with Roles in Cancer. 2010 , 197-211	
1353	MicroRNAs as Potential Diagnostics and Therapeutics. 2010 , 213-236	
1352	Non-Coding RNAs in Cancer The Other Part of the Story. 2010 , 265-277	
1351	Checks and balances: E2F-microRNA crosstalk in cancer control. 2010 , 9, 2555-67	59
1350	Small molecule modifiers of microRNA miR-122 function for the treatment of hepatitis C virus infection and hepatocellular carcinoma. 2010 , 132, 7976-81	216
1349	Clinicopathological and prognostic significance of PDCD4 and microRNA-21 in human gastric cancer. 2010 , 36, 1089-95	64
1348	Global changes of mRNA expression reveals an increased activity of the interferon-induced signal transducer and activator of transcription (STAT) pathway by repression of miR-221/222 in glioblastoma U251 cells. 2010 , 36, 1503-12	26
1347	Epigenetic architecture and miRNA: reciprocal regulators. 2010 , 2, 823-40	34
1346	Cytogenetics and genetics of human cancer: methods and accomplishments. 2010 , 203, 102-26	28
1345	KRAS mutation, KRAS-LCS6 polymorphism, and non-small cell lung cancer. 2010 , 69, 51-3	48
1344	MiR-145, a new regulator of the DNA fragmentation factor-45 (DFF45)-mediated apoptotic network. 2010 , 9, 211	63
1343	MicroRNA-184 inhibits neuroblastoma cell survival through targeting the serine/threonine kinase AKT2. 2010 , 9, 83	120
1342	Evaluation of normalization methods for two-channel microRNA microarrays. 2010 , 8, 69	15
1341	Differential expression of microRNAs in GH-secreting pituitary adenomas. 2010 , 5, 79	64
1340	Dysregulation of miR-15a and miR-214 in human pancreatic cancer. 2010 , 3, 46	156

1339	Circulating microRNAs as blood-based markers for patients with primary and metastatic breast cancer. 2010 , 12, R90	323
1338	Epithelial-mesenchymal transition: from molecular mechanisms, redox regulation to implications in human health and disease. 2010 , 12, 1383-430	192
1337	Association of microRNA expression with microsatellite instability status in colorectal adenocarcinoma. 2010 , 12, 433-40	135
1336	A variant in microRNA-196a2 is associated with susceptibility to hepatocellular carcinoma in Chinese patients with cirrhosis. 2010 , 42, 669-73	74
1335	MiR-205 silences MED1 in hypoxic primary human trophoblasts. 2010 , 24, 2030-9	104
1334	Serum microRNA signatures identified in a genome-wide serum microRNA expression profiling predict survival of non-small-cell lung cancer. 2010 , 28, 1721-6	673
1333	Frequent downregulation of miR-34 family in human ovarian cancers. 2010 , 16, 1119-28	259
1332	Proteomics of osteoarthritic chondrocytes and cartilage. 2010 , 7, 749-60	7
1331	Discovery of prostate cancer biomarkers by microarray gene expression profiling. 2010 , 10, 49-64	52
1330	MicroRNA-451 regulates LKB1/AMPK signaling and allows adaptation to metabolic stress in glioma cells. 2010 , 37, 620-32	344
1329	A splicing-independent function of SF2/ASF in microRNA processing. 2010 , 38, 67-77	150
1328	MicroRNA functions in stress responses. 2010 , 40, 205-15	629
1327	The miR-17-92 microRNA cluster regulates multiple components of the TGF- β pathway in neuroblastoma. 2010 , 40, 762-73	247
1326	Association of a variant in MIR 196A2 with susceptibility to hepatocellular carcinoma in male Chinese patients with chronic hepatitis B virus infection. 2010 , 71, 621-6	108
1325	Correlation of overexpression of HMGA1 and HMGA2 with poor tumor differentiation, invasion, and proliferation associated with let-7 down-regulation in retinoblastomas. 2010 , 41, 493-502	69
1324	The let-7 family of microRNAs inhibits Bcl-xL expression and potentiates sorafenib-induced apoptosis in human hepatocellular carcinoma. 2010 , 52, 698-704	281
1323	Lethal-7 is down-regulated by the hepatitis B virus x protein and targets signal transducer and activator of transcription 3. 2010 , 53, 57-66	186
1322	The miR-15/107 group of microRNA genes: evolutionary biology, cellular functions, and roles in human diseases. 2010 , 402, 491-509	285

1321	Overexpressed miR-494 down-regulates PTEN gene expression in cells transformed by anti-benzo(a)pyrene-trans-7,8-dihydrodiol-9,10-epoxide. 2010 , 86, 192-8	78
1320	Oxytocin stimulates expression of a noncoding RNA tumor marker in a human neuroblastoma cell line. 2010 , 86, 455-60	44
1319	Lin-28: an early embryonic sentinel that blocks Let-7 biogenesis. 2010 , 42, 1330-3	19
1318	MicroRNAs, ultraconserved genes and colorectal cancers. 2010 , 42, 1291-7	39
1317	The complexities of microRNA regulation: mirandering around the rules. 2010 , 42, 1316-29	180
1316	The role of toll-like receptors in chronic inflammation. 2010 , 42, 506-18	186
1315	Role of microRNAs in ovarian cancer pathogenesis and potential clinical implications. 2010 , 42, 1262-72	57
1314	Riboregulators in kidney development and function. 2010 , 92, 217-25	15
1313	MicroRNA in pancreatic cancer: pathological, diagnostic and therapeutic implications. 2010 , 292, 8-16	71
1312	miR-27a regulates the growth, colony formation and migration of pancreatic cancer cells by targeting Sprouty2. 2010 , 298, 150-8	157
1311	The Yin and Yang of bone morphogenetic proteins in cancer. 2010 , 21, 299-313	67
1310	The use of hsa-miR-21, hsa-miR-181b and hsa-miR-106a as prognostic indicators of astrocytoma. 2010 , 46, 1640-9	124
1309	Gene expression profiling of drug-resistant small cell lung cancer cells by combining microRNA and cDNA expression analysis. 2010 , 46, 1692-702	114
1308	miR-126 inhibits non-small cell lung cancer cells proliferation by targeting EGFL7. 2010 , 391, 1483-9	149
1307	MicroRNA-650 targets ING4 to promote gastric cancer tumorigenicity. 2010 , 395, 275-80	90
1306	miR-218 inhibits the invasive ability of glioma cells by direct downregulation of IKK- β 2010 , 402, 135-40	122
1305	MicroRNAs expression signatures are associated with lineage and survival in acute leukemias. 2010 , 44, 191-7	113
1304	Alpha-fetoprotein gene polymorphisms and risk of HCC and cirrhosis. 2010 , 411, 351-8	11

1303	miRNAs in colon and rectal cancer: A consensus for their true clinical value. 2010 , 411, 1181-6	35
1302	Regulation of synaptic structure and function by FMRP-associated microRNAs miR-125b and miR-132. 2010 , 65, 373-84	587
1301	MicroRNA gene regulatory pathways in the establishment and maintenance of ESC identity. 2010 , 7, 31-5	115
1300	miR-130b Promotes CD133(+) liver tumor-initiating cell growth and self-renewal via tumor protein 53-induced nuclear protein 1. 2010 , 7, 694-707	331
1299	microRNAs and cholesterol metabolism. 2010 , 21, 699-706	112
1298	Structural evaluation of new human polyomaviruses provides clues to pathobiology. 2010 , 18, 215-23	37
1297	miR-22 functions as a micro-oncogene in transformed human bronchial epithelial cells induced by anti-benzo[a]pyrene-7,8-diol-9,10-epoxide. 2010 , 24, 1168-75	35
1296	A microRNA expression ratio defining the invasive phenotype in bladder tumors. 2010 , 28, 39-48	82
1295	MicroRNAs and cancer: current state and future perspectives in urologic oncology. 2010 , 28, 4-13	65
1294	mRNA and microRNA quality control for RT-qPCR analysis. 2010 , 50, 237-43	179
1293	Expression profiling of microRNA using real-time quantitative PCR, how to use it and what is available. 2010 , 50, 244-9	271
1292	Not quite as old as the sun. 2010 , 23, 584-5	
1291	Smoke and miRrors: pseudogenes tricking miRNAs. 2010 , 23, 583-4	4
1290	Molecular targets for liver cancer therapy: From screening of target genes to clinical trials. 2010 , 40, 49-60	20
1289	Micromarkers: miRNAs in cancer diagnosis and prognosis. 2010 , 10, 297-308	207
1288	Impact of miRNAs in gastrointestinal cancer diagnosis and prognosis. 2010 , 12, e33	38
1287	MicroRNA expression after ionizing radiation in human endothelial cells. 2010 , 5, 25	118
1286	Role of DNA methylation in miR-200c/141 cluster silencing in invasive breast cancer cells. 2010 , 3, 219	131

1285	Robust and specific inhibition of microRNAs in <i>Caenorhabditis elegans</i> . 2010 , 9, 20	1
1284	Relation between microRNA expression and progression and prognosis of gastric cancer: a microRNA expression analysis. 2010 , 11, 136-46	671
1283	microRNA, cell cycle, and human breast cancer. 2010 , 176, 1058-64	112
1282	miR-182 as a prognostic marker for glioma progression and patient survival. 2010 , 177, 29-38	129
1281	MicroRNA-193b represses cell proliferation and regulates cyclin D1 in melanoma. 2010 , 176, 2520-9	201
1280	MicroRNAs as biomarkers in colorectal cancer. 2010 , 177, 1592-9	63
1279	MicroRNA-155 functions as an OncomiR in breast cancer by targeting the suppressor of cytokine signaling 1 gene. 2010 , 70, 3119-27	531
1278	Serum microRNAs as non-invasive biomarkers for cancer. 2010 , 9, 306	317
1277	DNA Microarrays and Genetic Testing. 2010 , 247-265	1
1276	Direct quantification of single-molecules of microRNA by total internal reflection fluorescence microscopy. 2010 , 82, 6911-8	66
1275	Induction of epigenetic alterations by dietary and other environmental factors. 2010 , 71, 3-39	213
1274	MiR-181b suppresses proliferation of and reduces chemoresistance to temozolomide in U87 glioma stem cells. 2010 , 24, 436-43	34
1273	Deep sequencing reveals differential expression of microRNAs in favorable versus unfavorable neuroblastoma. 2010 , 38, 5919-28	166
1272	Les marques perçues comme « nostalgiques »: conséquences sur les attitudes et les relations des consommateurs à la marque. 2010 , 25, 29-56	18
1271	Pathological Variations in 3'-untranslated Regions of Human Genes. 2010 ,	
1270	The promise of microRNA replacement therapy. 2010 , 70, 7027-30	482
1269	Genomics in the Diagnosis and Management of Lung Cancer. 2010 , 432-445	
1268	miRNA-145 inhibits non-small cell lung cancer cell proliferation by targeting c-Myc. 2010 , 29, 151	184

1267	Expression of miRNA-106b in conventional renal cell carcinoma is a potential marker for prediction of early metastasis after nephrectomy. 2010 , 29, 90	101
1266	MicroRNA-21 regulates breast cancer invasion partly by targeting tissue inhibitor of metalloproteinase 3 expression. 2010 , 29, 29	189
1265	MicroRNAs and their target gene networks in breast cancer. 2010 , 12, 201	325
1264	MicroRNA-Guided Gene Silencing. 2010 , 223-231	
1263	Nucleic Acid-Based Therapies. 2010 , 233-260	
1262	Ovarian Cancer. 2010 ,	1
1261	Profiling microRNA expression with the Illumina BeadChip platform. 2010 , 632, 73-86	6
1260	Inferring the human microRNA functional similarity and functional network based on microRNA-associated diseases. 2010 , 26, 1644-50	490
1259	Incorporating miRNA target sites in protein-coding RNA. 2010 ,	
1258	Conditioning-based model for the regulatory activities of microRNAs in specific dietary contexts. 2010 ,	
1257	Functional delivery of viral miRNAs via exosomes. 2010 , 107, 6328-33	1221
1256	Robust microRNA stability in degraded RNA preparations from human tissue and cell samples. 2010 , 56, 998-1006	224
1255	MicroRNA binding-site polymorphisms as potential biomarkers of cancer risk. 2010 , 14, 335-42	14
1254	A LIN28-dependent structural change in pre-let-7g directly inhibits dicer processing. 2011 , 50, 7514-21	31
1253	Enhanced specificity of the viral suppressor of RNA silencing protein p19 toward sequestering of human microRNA-122. 2011 , 50, 7745-55	13
1252	Development of a system to sensitively and specifically visualize c-fos mRNA in living cells using bispyrene-modified RNA probes. 2011 , 47, 4204-6	14
1251	Changes in the miRNA profile under the influence of anabolic steroids in bovine liver. 2011 , 136, 1204-9	16
1250	Entropy steered Kendall's tau measure for a fair Rank Aggregation. 2011 ,	2

1249	Selection of RNA oligonucleotides that can modulate human dicer activity in vitro. 2011 , 21, 333-46	15
1248	Tumor suppressive microRNA-375 regulates oncogene AEG-1/MTDH in head and neck squamous cell carcinoma (HNSCC). 2011 , 56, 595-601	99
1247	Systems Biology of microRNAs. 2011 , 477-493	
1246	miR-125b is methylated and functions as a tumor suppressor by regulating the ETS1 proto-oncogene in human invasive breast cancer. 2011 , 71, 3552-62	227
1245	Linkage of microRNA and proteome-based profiling data sets: a perspective for the prioritization of candidate biomarkers in renal cell carcinoma?. 2011 , 10, 191-9	9
1244	In Silico Mining of MicroRNA Signatures in Human Ovarian Cancer. 2011 ,	1
1243	Stability analysis of liver cancer-related microRNAs. 2011 , 43, 69-78	25
1242	Up-regulation of miR-21 mediates resistance to trastuzumab therapy for breast cancer. 2011 , 286, 19127-37	233
1241	microRNAs in rheumatoid arthritis: midget RNAs with a giant impact. 2011 , 70 Suppl 1, i92-6	55
1240	HUVEC respond to radiation by inducing the expression of pro-angiogenic microRNAs. 2011 , 175, 535-46	25
1239	Cancer epigenetics: above and beyond. 2011 , 21, 275-88	73
1238	IL-4 induces differentiation of human embryonic stem cells into fibrogenic fibroblast-like cells. 2011 , 127, 1595-603.e9	9
1237	The circulating microRNA-221 level in patients with malignant melanoma as a new tumor marker. 2011 , 61, 187-93	153
1236	In vitro functional study of miR-126 in leukemia. 2011 , 676, 185-95	21
1235	Molecular biology of lung cancer: clinical implications. 2011 , 32, 703-40	156
1234	Regulation and function of miRNA-21 in health and disease. 2011 , 8, 706-13	412
1233	Amplified detection of microRNA based on ruthenium oxide nanoparticle-initiated deposition of an insulating film. 2011 , 83, 820-7	99
1232	MicroRNAs in thyroid cancer. 2011 , 96, 3326-36	104

1231	Methods for analyzing microRNA expression and function during osteogenic differentiation of human adipose tissue-derived mesenchymal stem cells. 2011 , 702, 401-18	2
1230	MicroRNA biogenesis and cancer. 2011 , 676, 3-22	98
1229	Rapid fluorescence imaging of miRNAs in human cells using templated Staudinger reaction. 2011 , 2, 1969	66
1228	MicroRNA hsa-miR-138 inhibits adipogenic differentiation of human adipose tissue-derived mesenchymal stem cells through adenovirus EID-1. 2011 , 20, 259-67	143
1227	MicroRNAs in Cervical Carcinoma. 2011 , 189-199	2
1226	Involvement of microRNAs in lung cancer biology and therapy. 2011 , 157, 200-8	28
1225	Specific peripheral miRNA profiles for distinguishing lung cancer from COPD. 2011 , 74, 41-7	86
1224	Screening for circulating nucleic acids and caspase activity in the peripheral blood as potential diagnostic tools in lung cancer. 2011 , 5, 281-91	79
1223	Primary Hepatocellular Carcinoma. 2011 , 831-848	
1222	Direct targeting of Sec23a by miR-200s influences cancer cell secretome and promotes metastatic colonization. 2011 , 17, 1101-8	486
1221	Serum miR-122 as a biomarker of necroinflammation in patients with chronic hepatitis C virus infection. 2011 , 106, 1663-9	153
1220	Circulating microRNAs: possible prediction biomarkers for personalized therapy of non-small-cell lung carcinoma. 2011 , 12, 14-7	30
1219	Developing therapeutic microRNAs for cancer. 2011 , 18, 1121-6	253
1218	MicroRNA-203 inhibits cell proliferation by repressing p63 expression in human esophageal squamous cell carcinoma. 2011 , 11, 57	79
1217	MicroRNAs in Development. 2011 ,	4
1216	DNA methylation and cancer. 2011 , 67, 1-23	81
1215	Adipose-Derived Stem Cells. 2011 ,	6
1214	MicroRNA and Cancer. 2011 ,	6

1213	Prognostic, therapeutic and diagnostic potential of microRNAs in non-small cell lung cancer. 2011 , 49, 1591-603	41
1212	Tumors of the Central Nervous System, Volume 2. 2011 ,	1
1211	Methods for microRNA microarray profiling. 2011 , 700, 145-52	5
1210	Cancer Systems Biology, Bioinformatics and Medicine. 2011 ,	3
1209	miRNAs in the spotlight: Making 'silent' mutations speak up. 2011 , 17, 934-5	8
1208	Role of microRNAs in cardiac hypertrophy, myocardial fibrosis and heart failure. 2011 , 1, 1-7	27
1207	miR-193b Regulates Mcl-1 in Melanoma. 2011 , 179, 2162-8	91
1206	Cellular oncomiR orthologue in EBV oncogenesis. 2011 , 41, 891-8	16
1205	Differential allelic expression of c.1568C > A at UGT2B15 is due to variation in a novel cis-regulatory element in the 3'UTR. 2011 , 481, 24-8	13
1204	No association of pre-microRNA-146a rs2910164 polymorphism and risk of hepatocellular carcinoma development in Turkish population: a case-control study. 2011 , 486, 104-9	65
1203	Drosha regulates hMSCs cell cycle progression through a miRNA independent mechanism. 2011 , 43, 1563-72	18
1202	Analysis of miRNA-gene expression-genomic profiles reveals complex mechanisms of microRNA deregulation in osteosarcoma. 2011 , 204, 138-46	112
1201	miRNAs in the pathogenesis of oncogenic human viruses. 2011 , 305, 186-99	46
1200	MicroRNAs, cancer and cancer stem cells. 2011 , 300, 10-9	146
1199	Dysregulation of microRNA-34a expression causes drug-resistance to 5-FU in human colon cancer DLD-1 cells. 2011 , 300, 197-204	151
1198	Characterization and application of small RNAs and RNA silencing mechanisms in fungi. 2011 , 25, 172-180	15
1197	Down-regulation of the miRNA master regulators Drosha and Dicer is associated with specific subgroups of breast cancer. 2011 , 47, 138-50	117
1196	MicroRNA regulation of core apoptosis pathways in cancer. 2011 , 47, 163-74	217

1195	The oncogenic and tumour suppressive roles of microRNAs in cancer and apoptosis. 2011 , 47, 1127-37	165
1194	Molecular classification of hepatocellular carcinoma anno 2011. 2011 , 47, 1789-97	63
1193	MicroRNAs and the cell cycle. 2011 , 1812, 592-601	286
1192	MicroRNAs and human retroviruses. 2011 , 1809, 686-93	67
1191	MicroRNA in HCV infection and liver cancer. 2011 , 1809, 694-9	37
1190	Overexpression of microRNA-29b induces apoptosis of multiple myeloma cells through down regulating Mcl-1. 2011 , 414, 233-9	91
1189	Development of a microRNA-based molecular assay for the detection of papillary thyroid carcinoma in aspiration biopsy samples. 2011 , 21, 111-8	89
1188	Molecular pathology of early pancreatic cancer. 2010 , 9, 421-40	26
1187	Global microRNA analysis of the NCI-60 cancer cell panel. 2011 , 10, 375-84	70
1186	RNA interference in <i>Entamoeba histolytica</i> : implications for parasite biology and gene silencing. 2011 , 6, 103-17	27
1185	Tissular and soluble miRNAs for diagnostic and therapy improvement in digestive tract cancers. 2011 , 11, 101-20	42
1184	MicroRNAs and the Operon paper. 2011 , 409, 70-5	12
1183	Small molecule enoxacin is a cancer-specific growth inhibitor that acts by enhancing TAR RNA-binding protein 2-mediated microRNA processing. 2011 , 108, 4394-9	183
1182	OMiR: Identification of associations between OMIM diseases and microRNAs. 2011 , 97, 71-6	14
1181	Identification of cardiovascular microRNA targetomes. 2011 , 51, 674-81	12
1180	A MicroRNA expression profile defining the invasive bladder tumor phenotype. 2011 , 29, 794-801.e1	90
1179	A 3'-untranslated region KRAS variant and triple-negative breast cancer: a case-control and genetic analysis. 2011 , 12, 377-86	107
1178	MicroRNA therapeutics in preclinical cancer models. 2011 , 12, 319-21	42

1177	Detection of microRNAs in prostate cancer cells by microRNA array. 2011 , 732, 69-88	13
1176	RNA Networks as Digital Control Circuits of Nuclear Functions. 2011 , 353-363	
1175	The three M's: melanoma, microphthalmia-associated transcription factor and microRNA. 2011 , 24, 1088-106	52
1174	MicroRNA provides insight into understanding esophageal cancer. 2011 , 2, 134-142	8
1173	Knockdown of miR-21 in human breast cancer cell lines inhibits proliferation, in vitro migration and in vivo tumor growth. 2011 , 13, R2	228
1172	miRNA-34b as a tumor suppressor in estrogen-dependent growth of breast cancer cells. 2011 , 13, R116	55
1171	Role of microRNAs from monoclonal gammopathy of undetermined significance to multiple myeloma. 2011 , 48, 39-45	13
1170	microRNA-7 increases radiosensitivity of human cancer cells with activated EGFR-associated signaling. 2011 , 101, 171-6	113
1169	Non-coding RNAs and cancer: microRNAs and beyond. 2011 , 2, 5	1
1168	Coordinated regulation of extracellular matrix synthesis by the microRNA-29 family in the trabecular meshwork. 2011 , 52, 3391-7	76
1167	Prognostic significance of microRNA gene polymorphisms in patients with surgically resected colorectal cancer. 2011 , 2, 1127-1132	14
1166	. 2011 ,	0
1165	miR-21 Expression in Pregnancy-Associated Breast Cancer: A Possible Marker of Poor Prognosis. 2011 , 2, 67-75	38
1164	Noncoding RNAs in molecular characterization of cancer preneoplasia. 2010 , 9, 133-40	1
1163	MiR-21 plays an important role in radiation induced carcinogenesis in BALB/c mice by directly targeting the tumor suppressor gene Big-h3. 2011 , 7, 347-63	45
1162	The Role of MicroRNAs in Regulating Cancer Stem Cells. 2011 ,	
1161	MicroRNAs and Cancer Stem Cells in Medulloblastoma. 2011 ,	
1160	Human cancer classification: a systems biology- based model integrating morphology, cancer stem cells, proteomics, and genomics. 2011 , 2, 107-15	26

1159	Identification of microRNA biomarkers for cancer by combining multiple feature selection techniques. 2011 , 11, 283-298	2
1158	miRNA Profiling: How to Bypass the Current Difficulties in the Diagnosis and Treatment of Sarcomas. 2011 , 2011, 460650	14
1157	Regulatory Effects of microRNA-92 (miR-92) on VHL Gene Expression and the Hypoxic Activation of miR-210 in Clear Cell Renal Cell Carcinoma. 2011 , 2, 515-26	64
1156	[MicroRNA expression pattern in intraductal papillary mucinous neoplasm]. 2011 , 58, 190-200	7
1155	Multidrug Resistance Transporters [Roles in maintaining Cancer Stem-Like Cells. 2011 ,	1
1154	MiRNAs-based Gene Therapy on the Horizon: Novel and Effective Therapeutic Advancement. 2011 ,	
1153	Therapeutic implications of microRNAs in human cancer. 2011 , 2, 3	1
1152	miRNA Biomarkers in Breast Cancer Detection and Management. 2011 , 2, 116-22	85
1151	Systems Biology Reveals MicroRNA-Mediated Gene Regulation. 2011 , 2, 29	24
1150	The Beginning of the Road for Non-Coding RNAs in Normal Hematopoiesis and Hematologic Malignancies. 2011 , 2, 94	15
1149	Impact of cellular miRNAs on circulating miRNA biomarker signatures. 2011 , 6, e20769	230
1148	MicroRNAs profiling in murine models of acute and chronic asthma: a relationship with mRNAs targets. 2011 , 6, e16509	111
1147	MicroRNA-126 inhibits SOX2 expression and contributes to gastric carcinogenesis. 2011 , 6, e16617	133
1146	Systematic evaluation of three microRNA profiling platforms: microarray, beads array, and quantitative real-time PCR array. 2011 , 6, e17167	85
1145	Epigenetic inactivation of the miR-124-1 in haematological malignancies. 2011 , 6, e19027	99
1144	EphB6 receptor modulates micro RNA profile of breast carcinoma cells. 2011 , 6, e22484	29
1143	MIRTFnet: analysis of miRNA regulated transcription factors. 2011 , 6, e22519	19
1142	Comparative mRNA and microRNA expression profiling of three genitourinary cancers reveals common hallmarks and cancer-specific molecular events. 2011 , 6, e22570	61

1141	MiR-224 targets the 3'UTR of type 1 5'-iodothyronine deiodinase possibly contributing to tissue hypothyroidism in renal cancer. 2011 , 6, e24541	66
1140	Radiogenomic mapping of edema/cellular invasion MRI-phenotypes in glioblastoma multiforme. 2011 , 6, e25451	204
1139	Epstein-Barr virus BART9 miRNA modulates LMP1 levels and affects growth rate of nasal NK T cell lymphomas. 2011 , 6, e27271	51
1138	Integrated epigenetics of human breast cancer: synoptic investigation of targeted genes, microRNAs and proteins upon demethylation treatment. 2011 , 6, e27355	34
1137	Detection of novel human MiRNAs responding to X-ray irradiation. 2011 , 52, 425-32	13
1136	MicroRNA-138 suppresses epithelial-mesenchymal transition in squamous cell carcinoma cell lines. 2011 , 440, 23-31	157
1135	Circulating microRNAs as biomarkers for hepatocellular carcinoma. 2011 , 45, 355-60	204
1134	MicroRNA and diseases of the nervous system. 2011 , 69, 440-54	7
1133	MicroRNA miR-125b induces senescence in human melanoma cells. 2011 , 21, 253-6	43
1132	Biomarkers associated with metastasis of lung cancer to brain predict patient survival. 2011 , 5, 287-307	3
1131	Human SMG-1 is involved in gemcitabine-induced primary microRNA-155/BIC up-regulation in human pancreatic cancer PANC-1 cells. 2011 , 40, 55-60	14
1130	Altered levels of the onco-microRNA 21 and the tumor-suppressor microRNAs 143 and 145 in advanced rectal cancer indicate successful neoadjuvant chemoradiotherapy. 2011 , 39, 409-15	62
1129	microRNAs in stroke pathogenesis. 2011 , 11, 76-92	88
1128	Micro-RNA in disease and gene therapy. 2011 , 8, 76-86	32
1127	Genome-wide identification of TCF7L2/TCF4 target miRNAs reveals a role for miR-21 in Wnt-driven epithelial cancer. 2012 , 40, 519-26	26
1126	Tumor suppressive microRNA-375 regulates lactate dehydrogenase B in maxillary sinus squamous cell carcinoma. 2012 , 40, 185-93	33
1125	Overexpression of microRNA-16-2 contributes to the abnormal erythropoiesis in polycythemia vera. 2011 , 117, 6923-7	25
1124	Combinatorial effects of microRNAs to suppress the Myc oncogenic pathway. 2011 , 117, 6255-66	56

1123	Ordered progression of stage-specific miRNA profiles in the mouse B2 B-cell lineage. 2011 , 117, 5340-9	47
1122	Computational identification of potential microRNA network biomarkers for the progression stages of gastric cancer. 2011 , 5, 519-31	6
1121	Altered expression of miR-152 and miR-148a in ovarian cancer is related to cell proliferation. 2012 , 27, 447-54	88
1120	microRNA-145 suppresses lung adenocarcinoma-initiating cell proliferation by targeting OCT4. 2011 , 25, 1747-54	46
1119	microRNA-30c negatively regulates endometrial cancer cells by targeting metastasis-associated gene-1. 2012 , 27, 807-12	50
1118	Clinical impact of down-regulated plasma miR-92a levels in non-Hodgkin's lymphoma. 2011 , 6, e16408	77
1117	Characterizing the role of miRNAs within gene regulatory networks using integrative genomics techniques. 2011 , 7, 490	57
1116	Regulating the Regulators: microRNA and Asthma. 2011 , 4, 94-103	21
1115	Detection of lung cancer with blood microRNA-21 expression levels in Chinese population. 2011 , 2, 991-994	32
1114	Elevated microRNA-126 is associated with high vascular endothelial growth factor receptor 2 expression levels and high microvessel density in colorectal cancer. 2011 , 2, 1101-1106	23
1113	Biology of hepatic cancer stem cells. 2011 , 26, 1229-37	41
1112	MiR-195, miR-196b, miR-181c, miR-21 expression levels and O-6-methylguanine-DNA methyltransferase methylation status are associated with clinical outcome in glioblastoma patients. 2011 , 102, 2186-90	125
1111	Regulation of microRNA expression by hepatocyte growth factor in human head and neck squamous cell carcinoma. 2011 , 102, 2164-71	24
1110	Epigenetic silencing of MIR203 in multiple myeloma. 2011 , 154, 569-78	59
1109	Deregulation of FGFR1 and CDK6 oncogenic pathways in acute lymphoblastic leukaemia harbouring epigenetic modifications of the MIR9 family. 2011 , 155, 73-83	44
1108	A functional polymorphism in pre-microRNA-196a-2 contributes to the susceptibility of hepatocellular carcinoma in a Turkish population: a case-control study. 2011 , 18, e399-407	84
1107	Down-regulation of some miRNAs by degrading their precursors contributes to anti-cancer effect of mistletoe lectin-I. 2011 , 162, 349-64	32
1106	microRNA-203 suppresses bladder cancer development by repressing bcl-w expression. 2011 , 278, 786-92	80

1105	Diet induced epigenetic changes and their implications for health. 2011 , 202, 103-18	215
1104	The microRNA miR-34a inhibits prostate cancer stem cells and metastasis by directly repressing CD44. 2011 , 17, 211-5	1138
1103	Epigenetics and genetics. MicroRNAs en route to the clinic: progress in validating and targeting microRNAs for cancer therapy. <i>Nature Reviews Cancer</i> , 2011 , 11, 849-64	313 782
1102	Non-coding RNAs in human disease. 2011 , 12, 861-74	3300
1101	Upregulation of miR-21 by Ras in vivo and its role in tumor growth. 2011 , 30, 275-86	113
1100	Human papillomavirus type 16 E6 induces cervical cancer cell migration through the p53/microRNA-23b/urokinase-type plasminogen activator pathway. 2011 , 30, 2401-10	119
1099	Upregulation of miR-27a contributes to the malignant transformation of human bronchial epithelial cells induced by SV40 small T antigen. 2011 , 30, 3875-86	66
1098	LIN28B fosters colon cancer migration, invasion and transformation through let-7-dependent and -independent mechanisms. 2011 , 30, 4185-93	93
1097	miR-135a contributes to paclitaxel resistance in tumor cells both in vitro and in vivo. 2011 , 30, 4386-98	90
1096	Methylation of an intronic region regulates miR-199a in testicular tumor malignancy. 2011 , 30, 3404-15	114
1095	MicroRNA-193a represses c-kit expression and functions as a methylation-silenced tumor suppressor in acute myeloid leukemia. 2011 , 30, 3416-28	135
1094	MicroRNA-mediated downregulation of mTOR/FGFR3 controls tumor growth induced by Src-related oncogenic pathways. 2011 , 30, 3489-501	87
1093	The role of microRNAs in liver cancer progression. 2011 , 104, 235-40	188
1092	Tumour suppressor microRNA-584 directly targets oncogene Rock-1 and decreases invasion ability in human clear cell renal cell carcinoma. 2011 , 104, 308-15	85
1091	MicroRNA expression profiling of specific cells in complex archival tissue stained by immunohistochemistry. 2011 , 91, 157-65	14
1090	TLR4 knockout protects mice from radiation-induced thymic lymphoma by downregulation of IL6 and miR-21. 2011 , 25, 1516-9	34
1089	The role of microRNA-150 as a tumor suppressor in malignant lymphoma. 2011 , 25, 1324-34	134
1088	miRNA profiling along tumour progression in ovarian carcinoma. 2011 , 15, 1593-602	96

1087	Human embryonic stem cells and metastatic colorectal cancer cells shared the common endogenous human microRNA-26b. 2011 , 15, 1941-54	56
1086	MicroRNA-107, an oncogene microRNA that regulates tumour invasion and metastasis by targeting DICER1 in gastric cancer. 2011 , 15, 1887-95	90
1085	MicroRNA-196: critical roles and clinical applications in development and cancer. 2011 , 15, 14-23	144
1084	Epigenetic inactivation of the hsa-miR-203 in haematological malignancies. 2011 , 15, 2760-7	79
1083	Human activated CD4(+) T lymphocytes increase IL-2 expression by downregulating microRNA-181c. 2011 , 48, 592-9	59
1082	Epigenetic regulation of microRNAs in cancer: an integrated review of literature. 2011 , 717, 77-84	164
1081	MicroRNAs, the DNA damage response and cancer. 2011 , 717, 54-66	65
1080	Development of microRNA-145 for therapeutic application in breast cancer. 2011 , 155, 427-34	96
1079	Poster 09: The Down-Regulated MicroRNA in Oral Squamous Cell Carcinoma Acts as a Tumor Suppressor. 2011 , 69, e57-e58	
1078	Epigenetic transgenerational actions of endocrine disruptors. 2011 , 31, 337-43	196
1077	MicroRNAs as new players in the pain game. 2011 , 152, 1455-1458	42
1076	MicroRNAs in mutagenesis, genomic instability, and DNA repair. 2011 , 38, 743-51	54
1075	MicroRNAs in chronic lymphocytic leukemia. 2011 , 90, 173-8	9
1074	MicroRNA miR-886-5p inhibits apoptosis by down-regulating Bax expression in human cervical carcinoma cells. 2011 , 120, 145-51	71
1073	A microRNA survival signature (MiSS) for advanced ovarian cancer. 2011 , 121, 444-50	63
1072	MicroRNA let-7a: a potential marker for selection of paclitaxel in ovarian cancer management. 2011 , 122, 366-71	67
1071	Aidi injection alters the expression profiles of microRNAs in human breast cancer cells. 2011 , 31, 10-6	13
1070	Methylation of miR-34a, miR-34b/c, miR-124-1 and miR-203 in Ph-negative myeloproliferative neoplasms. 2011 , 9, 197	36

1069	PLGA-based gene delivering nanoparticle enhance suppression effect of miRNA in HePG2 cells. 2011 , 6, 447	73
1068	Molecular profiling of renal cancer: the journey to clinical application. 2011 , 59, 731-3	6
1067	A functional variant in microRNA-196a2 is associated with susceptibility of colorectal cancer in a Chinese population. 2011 , 42, 144-8	69
1066	The Evi1, microRNA-143, K-Ras axis in colon cancer. 2011 , 585, 693-9	27
1065	MicroRNA-142-3p, a new regulator of RAC1, suppresses the migration and invasion of hepatocellular carcinoma cells. 2011 , 585, 1322-30	126
1064	microRNA-1274a, a modulator of sorafenib induced a disintegrin and metalloproteinase 9 (ADAM9) down-regulation in hepatocellular carcinoma. 2011 , 585, 1828-34	48
1063	Epigenetic regulation of microRNA-375 and its role in melanoma development in humans. 2011 , 585, 2467-76	81
1062	Antiviral effects of human microRNAs and conservation of their target sites. 2011 , 585, 2551-5	48
1061	A miR-centric view of head and neck cancers. 2011 , 1816, 67-72	29
1060	The induction of epigenetic regulation of PROS1 gene in lung fibroblasts by gold nanoparticles and implications for potential lung injury. 2011 , 32, 7609-15	72
1059	Interaction of hsa-miR-381 and glioma suppressor LRRC4 is involved in glioma growth. 2011 , 1390, 21-32	86
1058	miR-30b/30d regulation of GalNAc transferases enhances invasion and immunosuppression during metastasis. 2011 , 20, 104-18	278
1057	Targeting of the tumor suppressor GRHL3 by a miR-21-dependent proto-oncogenic network results in PTEN loss and tumorigenesis. 2011 , 20, 635-48	171
1056	Circulating microRNAs as long-term biomarkers for the detection of erythropoiesis-stimulating agent abuse. 2011 , 3, 771-6	23
1055	Role of MicroRNAs in Anti-cancer Drug Resistance. 2011 , 449-483	3
1054	Role of pri-miRNA tertiary structure in miR-17~92 miRNA biogenesis. 2011 , 8, 1105-14	71
1053	Molecular approaches to classify adult renal epithelial neoplasms. 2011 , 11, 803-6	5
1052	The role of microRNAs in cholesterol efflux and hepatic lipid metabolism. 2011 , 31, 49-63	113

1051	MicroRNAs as Blood-based Biomarkers of Cancer. 2011 , 499-532	3
1050	Ultrasensitive multiplexed microRNA quantification on encoded gel microparticles using rolling circle amplification. 2011 , 83, 7179-85	97
1049	Le nuove frontiere della ricerca in oncologia del sistema muscolo-scheletrico. 2011 , 25, 173-181	
1048	miREnvironment database: providing a bridge for microRNAs, environmental factors and phenotypes. 2011 , 27, 3329-30	69
1047	MicroRNA signature distinguishes the degree of aggressiveness of papillary thyroid carcinoma. 2011 , 18, 2035-41	192
1046	MicroRNAs regulate dendritic cell differentiation and function. 2011 , 187, 3911-7	140
1045	DNA methylation of tumor suppressor miRNA genes: a lesson from the miR-34 family. 2011 , 3, 83-92	61
1044	CAMTA1 is a novel tumour suppressor regulated by miR-9/9* in glioblastoma stem cells. 2011 , 30, 4309-22	123
1043	miR-373 negatively regulates methyl-CpG-binding domain protein 2 (MBD2) in hilar cholangiocarcinoma. 2011 , 56, 1693-701	56
1042	The association between two polymorphisms in pre-miRNAs and breast cancer risk: a meta-analysis. 2011 , 125, 571-4	88
1041	Prevalence of the variant allele rs61764370 T>G in the 3'UTR of KRAS among Dutch BRCA1, BRCA2 and non-BRCA1/BRCA2 breast cancer families. 2011 , 128, 79-84	33
1040	Let-7a regulation of insulin-like growth factors in breast cancer. 2011 , 126, 687-94	25
1039	Genetic variants within miR-126 and miR-335 are not associated with breast cancer risk. 2011 , 127, 549-54	16
1038	Distinct expressions of microRNAs that directly target estrogen receptor β in human breast cancer. 2011 , 130, 331-9	70
1037	MicroRNA and AU-rich element regulation of prostaglandin synthesis. 2011 , 30, 419-35	20
1036	MicroRNA-101 inhibits growth of epithelial ovarian cancer by relieving chromatin-mediated transcriptional repression of p21(waf1/cip1). 2011 , 28, 3079-90	54
1035	Functional genomics of tumor suppressor miR-196b in T-cell acute lymphoblastic leukemia. 2011 , 346, 103-16	31
1034	Endothelial-specific intron-derived miR-126 is down-regulated in human breast cancer and targets both VEGFA and PIK3R2. 2011 , 351, 157-64	165

1033	Characterization and functional analysis of the human microRNA let-7a2 promoter in lung cancer A549 cell lines. 2011 , 38, 5327-34	17
1032	Identification and experimental validation of G protein alpha inhibiting activity polypeptide 2 (GNAI2) as a microRNA-138 target in tongue squamous cell carcinoma. 2011 , 129, 189-97	75
1031	Glioma-initiating cells and molecular pathology: implications for therapy. 2011 , 28, 1-12	45
1030	Specific miRNA signatures are associated with metastasis and poor prognosis in clear cell renal cell carcinoma. 2011 , 29, 367-73	160
1029	MicroRNAs (miRNAs) in cancer invasion and metastasis: therapeutic approaches based on metastasis-related miRNAs. 2011 , 89, 445-57	114
1028	Roles and mechanisms of microRNAs in pancreatic cancer. 2011 , 35, 1725-31	36
1027	MicroRNAs as biomarkers of disease onset. 2011 , 401, 2051-61	66
1026	Detection of small RNA molecules by a combination of branched rolling circle amplification and bioluminescent pyrophosphate assay. 2011 , 401, 221-7	18
1025	A highly sensitive and specific biosensor for ligation- and PCR-free detection of microRNAs. 2011 , 26, 3768-73	55
1024	Acetylation as a transcriptional control mechanism-HDACs and HATs in pancreatic ductal adenocarcinoma. 2011 , 42, 85-92	30
1023	miRNA-21 regulates arsenic-induced anti-leukemia activity in myelogenous cell lines. 2011 , 28, 211-8	39
1022	Down-regulation of Dicer in hepatocellular carcinoma. 2011 , 28, 804-9	47
1021	Down-regulation of miR-126 expression in colorectal cancer and its clinical significance. 2011 , 28, 1054-7	74
1020	Down-regulation of miR-212 expression by DNA hypermethylation in human gastric cancer cells. 2011 , 28 Suppl 1, S189-96	39
1019	MicroRNA functional network in pancreatic cancer: from biology to biomarkers of disease. 2011 , 36, 481-91	56
1018	miRNA and nasopharyngeal carcinoma. 2011 , 56, 722-728	4
1017	Inhibitory effects of miR-146b-5p on cell migration and invasion of pancreatic cancer by targeting MMP16. 2011 , 31, 509	43
1016	Aberrant expression of miR-203 and its clinical significance in gastric and colorectal cancers. 2011 , 15, 63-70	83

1015	Reduction of Plasma MicroRNA-21 is Associated with Chemotherapeutic Response in Patients with Non-small Cell Lung Cancer. 2011 , 23, 123-8	23
1014	Dicer and miRNA in relation to clinicopathological variables in colorectal cancer patients. 2011 , 11, 345	44
1013	An integrative genomic analysis revealed the relevance of microRNA and gene expression for drug-resistance in human breast cancer cells. 2011 , 10, 135	80
1012	Targeting oncogenic miR-335 inhibits growth and invasion of malignant astrocytoma cells. 2011 , 10, 59	94
1011	Cyr61/CCN1 signaling is critical for epithelial-mesenchymal transition and stemness and promotes pancreatic carcinogenesis. 2011 , 10, 8	81
1010	MicroRNA profile of polyunsaturated fatty acid treated glioma cells reveal apoptosis-specific expression changes. 2011 , 10, 173	54
1009	Prognostic impact of MiR-155 in non-small cell lung cancer evaluated by in situ hybridization. 2011 , 9, 6	78
1008	Ectopic expression of microRNA-155 enhances innate antiviral immunity against HBV infection in human hepatoma cells. 2011 , 8, 354	95
1007	MicroRNA expression profiles in human cancer cells after ionizing radiation. 2011 , 6, 29	79
1006	Integrative network analysis reveals active microRNAs and their functions in gastric cancer. 2011 , 5, 99	69
1005	Mining beyond the exome. 2011 , 4, 14	0
1004	Analytical variables influencing the performance of a miRNA based laboratory assay for prediction of relapse in stage I non-small cell lung cancer (NSCLC). 2011 , 4, 424	9
1003	A study of neural-related microRNAs in the developing amphioxus. 2011 , 2, 15	29
1002	miR-223 regulates migration and invasion by targeting Artemin in human esophageal carcinoma. 2011 , 18, 24	67
1001	Quantitative miRNA expression analysis using fluidigm microfluidics dynamic arrays. 2011 , 12, 144	93
1000	Copy number variation of microRNA genes in the human genome. 2011 , 12, 183	50
999	Low-dose paclitaxel ameliorates fibrosis in the remnant kidney model by down-regulating miR-192. 2011 , 225, 364-77	90
998	miR-125b promotes growth of prostate cancer xenograft tumor through targeting pro-apoptotic genes. 2011 , 71, 538-49	156

997	Global identification of miR-373-regulated genes in breast cancer by quantitative proteomics. 2011 , 11, 912-20	66
996	Analysis of microRNA expression profiling identifies microRNA-503 regulates metastatic function in hepatocellular cancer cell. 2011 , 104, 278-83	43
995	Association of IL-1 polymorphisms and IL-1 serum levels with susceptibility to nasopharyngeal carcinoma. 2011 , 50, 208-14	33
994	Alteration of microRNA profiles in squamous cell carcinoma of the head and neck cell lines by human papillomavirus. 2011 , 33, 504-12	116
993	The miR-15a-miR-16-1 locus is homozygously deleted in a subset of prostate cancers. 2011 , 50, 499-509	39
992	Regulation of β -tubulin isotypes by micro-RNA 100 in MCF7 breast cancer cells. 2011 , 68, 355-62	34
991	Putative tumor suppressor miR-145 inhibits colon cancer cell growth by targeting oncogene Friend leukemia virus integration 1 gene. 2011 , 117, 86-95	140
990	miR-340 inhibition of breast cancer cell migration and invasion through targeting of oncoprotein c-Met. 2011 , 117, 2842-52	160
989	Hsa-let-7g inhibits proliferation of hepatocellular carcinoma cells by downregulation of c-Myc and upregulation of p16(INK4A). 2011 , 128, 319-31	125
988	Coordinated epigenetic repression of the miR-200 family and miR-205 in invasive bladder cancer. 2011 , 128, 1327-34	301
987	Micro-RNA profiles in osteosarcoma as a predictive tool for ifosfamide response. 2011 , 129, 680-90	115
986	WAVE3, an actin remodeling protein, is regulated by the metastasis suppressor microRNA, miR-31, during the invasion-metastasis cascade. 2011 , 129, 1331-43	76
985	MiR-9 downregulates CDX2 expression in gastric cancer cells. 2011 , 129, 2611-20	106
984	MicroRNA miR-335 is crucial for the BRCA1 regulatory cascade in breast cancer development. 2011 , 129, 2797-806	95
983	miR-21 downregulates the tumor suppressor P12 CDK2AP1 and stimulates cell proliferation and invasion. 2011 , 112, 872-80	59
982	Rapid microRNA Profiling on Encoded Gel Microparticles. 2011 , 123, 2337-2341	15
981	Rapid microRNA profiling on encoded gel microparticles. 2011 , 50, 2289-93	125
980	DNA methylation and nonsmall cell lung cancer. 2011 , 294, 1787-95	29

979	X-chromosome-located microRNAs in immunity: might they explain male/female differences? The X chromosome-genomic context may affect X-located miRNAs and downstream signaling, thereby contributing to the enhanced immune response of females. 2011 , 33, 791-802	155
978	Induction of MiR-17-3p and MiR-106a [corrected] by TNF α and LPS. 2011 , 29, 164-70	11
977	Multiplexed microRNA detection by capillary electrophoresis with laser-induced fluorescence. 2011 , 1218, 2604-10	31
976	Analytical aspects of microRNA in diagnostics: a review. 2011 , 699, 134-52	203
975	miRNA-7 attenuation in Schwannoma tumors stimulates growth by upregulating three oncogenic signaling pathways. 2011 , 71, 852-61	131
974	Thyroid hormone receptor beta (THRB) is a major target gene for microRNAs deregulated in papillary thyroid carcinoma (PTC). 2011 , 96, E546-53	70
973	An Overview of Computational Approaches for Prediction of miRNA Genes and their Targets. 2011 , 6, 129-143	6
972	When cellular networks run out of control: global dysregulation of the RNAi machinery in human pathology and therapy. 2011 , 102, 165-242	14
971	Bivalent histone modifications in stem cells poise miRNA loci for CpG island hypermethylation in human cancer. 2011 , 6, 1344-53	16
970	MicroRNA expression in tumor cells from Waldenstrom's macroglobulinemia reflects both their normal and malignant cell counterparts. 2011 , 1, e24	16
969	The tumor suppressive microRNA miR-218 targets the mTOR component Rictor and inhibits AKT phosphorylation in oral cancer. 2011 , 71, 5765-78	209
968	microRNA-143 protects cells from DNA damage-induced killing by downregulating FHIT expression. 2011 , 26, 365-72	18
967	MicroRNA-342 inhibits colorectal cancer cell proliferation and invasion by directly targeting DNA methyltransferase 1. 2011 , 32, 1033-42	149
966	Rare BRCA1 haplotypes including 3'UTR SNPs associated with breast cancer risk. 2011 , 10, 90-9	29
965	Circulating biomarkers of hazard effects from cigarette smoking. 2011 , 27, 531-5	3
964	MiRNA-27a controls FBW7/hCDC4-dependent cyclin E degradation and cell cycle progression. 2011 , 10, 2172-83	102
963	MicroRNA expression analysis in triple-negative (ER, PR and Her2/neu) breast cancer. 2011 , 10, 507-17	203
962	Molecular classification of adult renal epithelial neoplasms using microRNA expression and virtual karyotyping. 2011 , 20, 63-70	28

961	Let-7c microRNA expression and clinical significance in hepatocellular carcinoma. 2011 , 39, 2323-9	55
960	MiR-26a inhibits cell growth and tumorigenesis of nasopharyngeal carcinoma through repression of EZH2. 2011 , 71, 225-33	332
959	Differential microRNA expression in experimental cerebral and noncerebral malaria. 2011 , 79, 2379-84	41
958	DLK1-DIO3 genomic imprinted microRNA cluster at 14q32.2 defines a stemlike subtype of hepatocellular carcinoma associated with poor survival. 2011 , 286, 30706-30713	119
957	MicroRNA-616 induces androgen-independent growth of prostate cancer cells by suppressing expression of tissue factor pathway inhibitor TFPI-2. 2011 , 71, 583-92	71
956	Oncogenic IRFs provide a survival advantage for Epstein-Barr virus- or human T-cell leukemia virus type 1-transformed cells through induction of BIC expression. 2011 , 85, 8328-37	38
955	MiR-129-5p is required for histone deacetylase inhibitor-induced cell death in thyroid cancer cells. 2011 , 18, 711-9	69
954	Early diagnosis of hepatocellular carcinoma by multiple microRNAs: validity, efficacy, and cost-effectiveness. 2011 , 29, 4745-7	17
953	miR-200 Inhibits lung adenocarcinoma cell invasion and metastasis by targeting Flt1/VEGFR1. 2011 , 9, 25-35	148
952	Complex patterns of altered MicroRNA expression during the adenoma-adenocarcinoma sequence for microsatellite-stable colorectal cancer. 2011 , 17, 7283-93	57
951	Genome-wide profiling of chromatin signatures reveals epigenetic regulation of MicroRNA genes in colorectal cancer. 2011 , 71, 5646-58	139
950	The association of microRNA expression with prognosis and progression in early-stage, non-small cell lung adenocarcinoma: a retrospective analysis of three cohorts. 2011 , 17, 1875-82	164
949	Novel regulation of nuclear factor-YB by miR-485-3p affects the expression of DNA topoisomerase II α and drug responsiveness. 2011 , 79, 735-41	38
948	A new frontier in personalized cancer therapy: mapping molecular changes. 2011 , 7, 873-94	12
947	The metastasis-associated microRNA miR-516a-3p is a novel therapeutic target for inhibiting peritoneal dissemination of human scirrhus gastric cancer. 2011 , 71, 1442-53	75
946	miR-216b suppresses tumor growth and invasion by targeting KRAS in nasopharyngeal carcinoma. 2011 , 124, 2997-3005	139
945	Human microRNA hsa-miR-125a-5p interferes with expression of hepatitis B virus surface antigen. 2011 , 39, 5157-63	145
944	The role of KRAS rs61764370 in invasive epithelial ovarian cancer: implications for clinical testing. 2011 , 17, 3742-50	45

943	A growing molecular toolbox for the functional analysis of microRNAs in <i>Caenorhabditis elegans</i> . 2011 , 10, 175-80	2
942	Polymorphisms inside microRNAs and microRNA target sites predict clinical outcomes in prostate cancer patients receiving androgen-deprivation therapy. 2011 , 17, 928-36	56
941	The Influence of 3'UTRs on MicroRNA Function Inferred from Human SNP Data. 2011 , 2011, 910769	27
940	Molecular and cellular pathways associated with chromosome 1p deletions during colon carcinogenesis. 2011 , 4, 75-119	8
939	New role of microRNA: carcinogenesis and clinical application in cancer. 2011 , 43, 831-9	34
938	Genetic variation in an miRNA-1827 binding site in MYCL1 alters susceptibility to small-cell lung cancer. 2011 , 71, 5175-81	68
937	Deciphering squamous cell carcinoma using multidimensional genomic approaches. 2011 , 2011, 541405	7
936	p53 activates the PANK1/miRNA-107 gene leading to downregulation of CDK6 and p130 cell cycle proteins. 2011 , 39, 440-53	69
935	Procédures thérapeutiques particulières. 2011 , 302-338	
934	Genomic and clinical analysis of amplification of the 13q31 chromosomal region in alveolar rhabdomyosarcoma: a report from the Children's Oncology Group. 2011 , 17, 1463-73	57
933	NF- κ B targets miR-16 and miR-21 in gastric cancer: involvement of prostaglandin E receptors. 2011 , 32, 240-5	129
932	Association of a microRNA/TP53 feedback circuitry with pathogenesis and outcome of B-cell chronic lymphocytic leukemia. 2011 , 305, 59-67	223
931	Insight into the role of microRNAs in brain tumors (review). 2012 , 40, 605-24	8
930	miR-31 is a broad regulator of α 1-integrin expression and function in cancer cells. 2011 , 9, 1500-8	61
929	The dual role of sirtuins in cancer. 2011 , 2, 648-62	233
928	microRNA-150 inhibits human CD133-positive liver cancer stem cells through negative regulation of the transcription factor c-Myb. 2012 , 40, 747-56	63
927	MicroRNA-449 in cell fate determination. 2011 , 10, 2874-82	104
926	Additional Reading. 2011 , 373-378	

925	Jumonji/ARID1 B (JARID1B) protein promotes breast tumor cell cycle progression through epigenetic repression of microRNA let-7e. 2011 , 286, 40531-5	66
924	Cysteine-rich 61-connective tissue growth factor-nephroblastoma-overexpressed 5 (CCN5)/Wnt-1-induced signaling protein-2 (WISP-2) regulates microRNA-10b via hypoxia-inducible factor-1/TWIST signaling networks in human breast cancer cells. 2011 , 286, 43475-85	57
923	miR-125b, a target of CDX2, regulates cell differentiation through repression of the core binding factor in hematopoietic malignancies. 2011 , 286, 38253-38263	56
922	Molecular characterization of the microRNA-138-Fos-like antigen 1 (FOSL1) regulatory module in squamous cell carcinoma. 2011 , 286, 40104-9	43
921	miR-152 is a tumor suppressor microRNA that is silenced by DNA hypermethylation in endometrial cancer. 2011 , 71, 6450-62	196
920	Role of microRNA-214-targeting phosphatase and tensin homolog in advanced glycation end product-induced apoptosis delay in monocytes. 2011 , 186, 2552-60	75
919	Single nucleotide polymorphism in hsa-mir-196a-2 and breast cancer risk: a case control study. 2011 , 14, 417-21	43
918	Systematic analysis of microRNAs targeting the androgen receptor in prostate cancer cells. 2011 , 71, 1956-67	206
917	MicroRNA-30c-2* expressed in ovarian cancer cells suppresses growth factor-induced cellular proliferation and downregulates the oncogene BCL9. 2011 , 9, 1732-45	50
916	Areca nut induces miR-23a and inhibits repair of DNA double-strand breaks by targeting FANCG. 2011 , 123, 480-90	35
915	EphrinA1 inhibits malignant mesothelioma tumor growth via let-7 microRNA-mediated repression of the RAS oncogene. 2011 , 18, 806-16	33
914	Tumour suppressive microRNA-874 regulates novel cancer networks in maxillary sinus squamous cell carcinoma. 2011 , 105, 833-41	80
913	Identification of miR-23a as a novel microRNA normalizer for relative quantification in human uterine cervical tissues. 2011 , 43, 358-66	47
912	MicroRNA-15b is induced with E2F-controlled genes in HPV-related cancer. 2011 , 105, 1719-25	43
911	MicroRNA signatures in tissues and plasma predict development and prognosis of computed tomography detected lung cancer. 2011 , 108, 3713-8	571
910	Systemic delivery of tumor suppressor microRNA mimics using a neutral lipid emulsion inhibits lung tumors in mice. 2011 , 19, 1116-22	531
909	Global regulation on microRNA in hepatitis B virus-associated hepatocellular carcinoma. 2011 , 15, 187-91	34
908	MicroRNA-301 mediates proliferation and invasion in human breast cancer. 2011 , 71, 2926-37	214

907	MicroRNA signatures differentiate melanoma subtypes. 2011 , 10, 1845-52	81
906	miR-23a regulation of X-linked inhibitor of apoptosis (XIAP) contributes to sex differences in the response to cerebral ischemia. 2011 , 108, 11662-7	147
905	Integrated microRNA and mRNA expression profiling in a rat colon carcinogenesis model: effect of a chemo-protective diet. 2011 , 43, 640-54	59
904	The role of incoherent microRNA-mediated feedforward loops in noise buffering. 2011 , 7, e1001101	190
903	Germline genetic variants disturbing the Let-7/LIN28 double-negative feedback loop alter breast cancer susceptibility. 2011 , 7, e1002259	47
902	Sputum-based molecular biomarkers for the early detection of lung cancer: limitations and promise. 2011 , 3, 2975-89	6
901	A novel Chk1/2-Lats2-14-3-3 signaling pathway regulates P-body formation in response to UV damage. 2011 , 124, 57-67	28
900	Colorectal cancers with microsatellite instability display unique miRNA profiles. 2011 , 17, 6239-49	88
899	Circulating microRNAs: potential biomarkers for cancer. 2011 , 12, 2055-63	81
898	Downregulation of Pcd4 by mir-21 facilitates glioblastoma proliferation in vivo. 2011 , 13, 580-90	137
897	Young intragenic miRNAs are less coexpressed with host genes than old ones: implications of miRNA-host gene coevolution. 2012 , 40, 4002-12	53
896	Exploiting the interplay between innate and adaptive immunity to improve immunotherapeutic strategies for Epstein-Barr-virus-driven disorders. 2012 , 2012, 931952	23
895	Uncovering MicroRNA and Transcription Factor Mediated Regulatory Networks in Glioblastoma. 2012 , 8, e1002488	110
894	Application of miRNA expression analysis on exfoliated colonocytes for diagnosis of colorectal cancer. 2012 , 11	1
893	Exosomes: vehicles for the transfer of toxic proteins associated with neurodegenerative diseases?. 2012 , 3, 124	275
892	Study on Genetic Variance of miR-541 in Type 1 Diabetes. 2012 , 2012, 630861	3
891	A Micro-RNA Connection in BRAf(V600E)-Mediated Premature Senescence of Human Melanocytes. 2012 , 2012, 913242	8
890	Distinct MicroRNA Subcellular Size and Expression Patterns in Human Cancer Cells. 2012 , 2012, 672462	19

889	MiR-138 induces cell cycle arrest by targeting cyclin D3 in hepatocellular carcinoma. 2012 , 33, 1113-20	178
888	High expression of microRNA-210 is an independent factor indicating a poor prognosis in Japanese triple-negative breast cancer patients. 2012 , 42, 256-63	73
887	MiR-196a binding-site SNP regulates RAP1A expression contributing to esophageal squamous cell carcinoma risk and metastasis. 2012 , 33, 2147-54	53
886	MetastamiRs: non-coding MicroRNAs driving cancer invasion and metastasis. 2012 , 13, 1347-79	41
885	Revealing the anti-tumor effect of artificial miRNA p-27-5p on human breast carcinoma cell line T-47D. 2012 , 13, 6352-69	4
884	miR-196a downregulation increases the expression of type I and III collagens in keloid fibroblasts. 2012 , 132, 1597-604	101
883	MiR-106b and MiR-15b modulate apoptosis and angiogenesis in myocardial infarction. 2012 , 29, 851-62	71
882	Synthetic miR-34a mimics as a novel therapeutic agent for multiple myeloma: in vitro and in vivo evidence. 2012 , 18, 6260-70	185
881	Integrative analysis of gene and miRNA expression profiles with transcription factor-miRNA feed-forward loops identifies regulators in human cancers. 2012 , 40, e135	68
880	Upregulation of miR-196a and HOTAIR drive malignant character in gastrointestinal stromal tumors. 2012 , 72, 1126-36	309
879	A combined array-based comparative genomic hybridization and functional library screening approach identifies mir-30d as an oncomir in cancer. 2012 , 72, 154-64	49
878	Environmental Toxicant Exposure and the Epigenome. 2012 , 129-162	2
877	An Optimized Sponge for microRNA miR-9 Affects Spinal Motor Neuron Development in vivo. 2011 , 5, 146	41
876	Evaluation of microRNA expression profiles and their associations with risk alleles in lymphoblastoid cell lines of familial ovarian cancer. 2012 , 33, 604-12	13
875	Down-regulation of miR-125a-3p in human gastric cancer and its clinicopathological significance. 2012 , 40, 1477-82	50
874	MicroRNA-214 regulates the acquired resistance to gefitinib via the PTEN/AKT pathway in EGFR-mutant cell lines. 2012 , 13, 255-60	95
873	Clinicopathological and prognostic significance of microRNA-107 and its relationship to DICER1 mRNA expression in gastric cancer. 2012 , 27, 1759-64	61
872	miRNA-34 prevents cancer initiation and progression in a therapeutically resistant K-ras and p53-induced mouse model of lung adenocarcinoma. 2012 , 72, 5576-87	192

871	Induction of the cellular microRNA, Hs_154, by West Nile virus contributes to virus-mediated apoptosis through repression of antiapoptotic factors. 2012 , 86, 5278-87	54
870	The duality of oncomiR addiction in the maintenance and treatment of cancer. 2012 , 18, 232-7	40
869	Cross talk between microRNA and coding cancer genes. 2012 , 18, 223-31	67
868	Effects of α 4 integrin expression on microRNA patterns in breast cancer. 2012 , 1, 658-66	19
867	Aberrant expression of miR-638 contributes to benzo(a)pyrene-induced human cell transformation. 2012 , 125, 382-91	70
866	Androgen-regulated processing of the oncomir miR-27a, which targets Prohibitin in prostate cancer. 2012 , 21, 3112-27	112
865	Genome-wide alternative polyadenylation in animals: insights from high-throughput technologies. 2012 , 4, 352-61	34
864	Cell-free Circulating miRNA Biomarkers in Cancer. 2012 , 3, 432-48	116
863	Curcumin induces cell death in esophageal cancer cells through modulating Notch signaling. 2012 , 7, e30590	177
862	MicroRNA-193b modulates proliferation, migration, and invasion of non-small cell lung cancer cells. 2012 , 44, 424-30	49
861	Small RNA deep sequencing reveals a distinct miRNA signature released in exosomes from prion-infected neuronal cells. 2012 , 40, 10937-49	327
860	Identification of a two-layer regulatory network of proliferation-related microRNAs in hepatoma cells. 2012 , 40, 10478-93	33
859	Decreased expression of microRNA-375 in nonsmall cell lung cancer and its clinical significance. 2012 , 40, 1662-9	37
858	MicroRNAs in cancer: small molecules, big chances. 2012 , 12, 733-43	25
857	Polymorphisms in miRNA-binding sites of nucleotide excision repair genes and colorectal cancer risk. 2012 , 33, 1346-51	53
856	MiR-365 regulates lung cancer and developmental gene thyroid transcription factor 1. 2012 , 11, 177-86	68
855	CpG island hypermethylation-associated silencing of small nucleolar RNAs in human cancer. 2012 , 9, 881-90	45
854	Identification of links between small molecules and miRNAs in human cancers based on transcriptional responses. 2012 , 2, 282	58

853	Emerging roles of microRNA-22 in human disease and normal physiology. 2012 , 12, 247-58	39
852	MicroRNA-1 is a candidate tumor suppressor and prognostic marker in human prostate cancer. 2012 , 40, 3689-703	142
851	KRAS alleles: the LCS6 3'UTR variant and KRAS coding sequence mutations in the NCI-60 panel. 2012 , 11, 361-6	20
850	MAGIA [†] from miRNA and genes expression data integrative analysis to microRNA-transcription factor mixed regulatory circuits (2012 update). 2012 , 40, W13-21	101
849	Why are genetics important for nutrition? Lessons from epigenetic research. 2012 , 60 Suppl 3, 38-43	25
848	Role of variations within microRNA-binding sites in cancer. 2012 , 27, 205-10	37
847	MicroRNA-145 targets vascular endothelial growth factor and inhibits invasion and metastasis of osteosarcoma cells. 2012 , 44, 407-14	78
846	Regulation of expression of deoxyhypusine hydroxylase (DOHH), the enzyme that catalyzes the activation of eIF5A, by miR-331-3p and miR-642-5p in prostate cancer cells. 2012 , 287, 35251-35259	40
845	Downregulated plasma miR-92a levels have clinical impact on multiple myeloma and related disorders. 2012 , 2, e53	60
844	miR-29b sensitizes multiple myeloma cells to bortezomib-induced apoptosis through the activation of a feedback loop with the transcription factor Sp1. 2012 , 3, e436	122
843	Advances in Cancer Stem Cell Biology. 2012 ,	2
842	Increased Expression of MicroRNA-221 in gastric cancer and its clinical significance. 2012 , 40, 467-74	59
841	HuR protein attenuates miRNA-mediated repression by promoting miRISC dissociation from the target RNA. 2012 , 40, 5088-100	136
840	Expression of mitochondrial non-coding RNAs (ncRNAs) is modulated by high risk human papillomavirus (HPV) oncogenes. 2012 , 287, 21303-15	33
839	MicroRNA 335 is required for differentiation of malignant glioma cells induced by activation of cAMP/protein kinase A pathway. 2012 , 81, 292-8	45
838	MicroRNA miR-214 regulates ovarian cancer cell stemness by targeting p53/Nanog. 2012 , 287, 34970-34978	100
837	Introduction to Systems Biology. 2012 , 3-16	
836	cAMP response element-binding protein promotes gliomagenesis by modulating the expression of oncogenic microRNA-23a. 2012 , 109, 15805-10	97

835	From Nucleic Acids Sequences to Molecular Medicine. 2012 ,	2
834	Genetic variants in the microRNA machinery gene GEMIN4 are associated with risk of prostate cancer: a case-control study of the Chinese Han population. 2012 , 31, 1296-302	27
833	Increased miR-708 expression in NSCLC and its association with poor survival in lung adenocarcinoma from never smokers. 2012 , 18, 3658-67	95
832	Integrating protein networks for identifying cooperative miRNA activity in disease gene signatures. 2012 ,	2
831	Weighted Markov Chain Based Aggregation of Bio-molecule Orderings. 2012 , 9, 924-933	10
830	Evaluation of candidate diagnostic microRNAs in thyroid fine-needle aspiration biopsy samples. 2012 , 22, 285-91	67
829	Involvement of microRNA families in cancer. 2012 , 40, 8219-26	14
828	MicroRNA expression profile helps to distinguish benign nodules from papillary thyroid carcinomas starting from cells of fine-needle aspiration. 2012 , 167, 393-400	58
827	MicroRNA expression profiling of carcinoma in situ cells of the testis. 2012 , 19, 365-79	63
826	Rapid and sensitive microRNA detection with laminar flow-assisted dendritic amplification on power-free microfluidic chip. 2012 , 7, e48329	53
825	Integrated Analysis Reveals hsa-miR-142 as a Representative of a Lymphocyte-Specific Gene Expression and Methylation Signature. 2012 , 11, 61-75	17
824	Modulating Anti-MicroRNA-21 Activity and Specificity Using Oligonucleotide Derivatives and Length Optimization. 2012 , 2012, 407154	7
823	Important Roles of Cellular MicroRNA miR-155 in Leukemogenesis by Human T-Cell Leukemia Virus Type 1 Infection. 2012 , 2012, 978607	19
822	Epigenetic regulation of kallikrein-related peptidases: there is a whole new world out there. 2012 , 393, 319-30	30
821	Crosstalk between p53 and TGF- β Signalling. 2012 , 2012, 294097	75
820	Molecular profiling of aggressive lymphomas. 2012 , 2012, 464680	3
819	MicroRNAs in Acute Myeloid Leukemia and Other Blood Disorders. 2012 , 2012, 603830	8
818	Cigarette-Smoke-Induced Dysregulation of MicroRNA Expression and Its Role in Lung Carcinogenesis. 2012 , 2012, 791234	27

817	MicroRNA molecular profiles associated with diagnosis, clinicopathologic criteria, and overall survival in patients with resectable pancreatic ductal adenocarcinoma. 2012 , 18, 534-45	173
816	Alterations of deadenylase expression in acute leukemias: evidence for poly(a)-specific ribonuclease as a potential biomarker. 2012 , 128, 39-46	32
815	Nucleic acids in human glioma treatment: innovative approaches and recent results. 2012 , 2012, 735135	15
814	Protective role of estrogen-induced miRNA-29 expression in carbon tetrachloride-induced mouse liver injury. 2012 , 287, 14851-62	78
813	53BP1 functions as a tumor suppressor in breast cancer via the inhibition of NF- κ B through miR-146a. 2012 , 33, 2593-600	38
812	In vitro quantification of specific microRNA using molecular beacons. 2012 , 40, e13	93
811	Importance of the NCp7-like domain in the recognition of pre-let-7g by the pluripotency factor Lin28. 2012 , 40, 1767-77	29
810	miR-192, miR-194, miR-215, miR-200c and miR-141 are downregulated and their common target ACVR2B is strongly expressed in renal childhood neoplasms. 2012 , 33, 1014-21	104
809	microRNA expression profile and differentially-expressed genes in prolactinomas following bromocriptine treatment. 2012 , 27, 1312-20	22
808	MicroRNA-205 functions as a tumor suppressor in human glioblastoma cells by targeting VEGF-A. 2012 , 27, 1200-6	88
807	Novel oncogenic function of mesoderm development candidate 1 and its regulation by MiR-574-3p in bladder cancer cell lines. 2012 , 40, 951-9	47
806	Altered microRNA expression in cisplatin-resistant ovarian cancer cells and upregulation of miR-130a associated with MDR1/P-glycoprotein-mediated drug resistance. 2012 , 28, 592-600	105
805	No evidence for genetic association with the let-7 microRNA-binding site or other common KRAS variants in risk of endometriosis. 2012 , 27, 3616-21	10
804	Ectopic over-expression of tristetraprolin in human cancer cells promotes biogenesis of let-7 by down-regulation of Lin28. 2012 , 40, 3856-69	34
803	Emerging roles for modulation of microRNA signatures in cancer chemoprevention. 2012 , 12, 716-40	34
802	microRNAs and thyroid cancer: biological and clinical significance (Review). 2012 , 30, 991-9	37
801	MicroRNA miR-548d is a superior regulator in pancreatic cancer. 2012 , 41, 218-21	19
800	MicroRNAs and esophageal cancer--implications for pathogenesis and therapy. 2013 , 19, 1211-26	23

799	MicroRNAs in the pathobiology of multiple myeloma. 2012 , 12, 823-37	40
798	Promises and challenges of MicroRNA-based treatment of multiple myeloma. 2012 , 12, 838-46	80
797	Antisense technologies targeting fatty acid synthetic enzymes. 2012 , 7, 198-206	1
796	The role of microRNAs in liver cancer. 2012 , 24, 223-8	28
795	Beyond Thymidylate Synthase and Dihydrofolate Reductase: Impact of Non-coding microRNAs in Anticancer Chemoresistance. 2012 , 8, 118-123	6
794	MicroRNA Regulation of Programmed Cell Death Pathways in Cancer. 2012 , 6, 53-59	1
793	Plasma miR-21: a potential diagnostic marker of colorectal cancer. 2012 , 256, 544-51	209
792	microrna expression signature of gastric cancer cells relative to normal gastric mucosa. 2012 , 6, 821-6	21
791	Serum microRNA-122 predicts survival in patients with liver cirrhosis. 2012 , 7, e45652	56
790	MicroRNAs in inflammatory bowel disease--pathogenesis, diagnostics and therapeutics. 2012 , 18, 4629-34	75
789	Identification of metastamirs as metastasis-associated microRNAs in clear cell renal cell carcinomas. 2012 , 8, 1363-74	75
788	Expression levels of microRNA-375 in colorectal carcinoma. 2012 , 5, 1299-304	29
787	miR-155 and miR-31 are differentially expressed in breast cancer patients and are correlated with the estrogen receptor and progesterone receptor status. 2012 , 4, 1027-1032	35
786	Tumor suppressive microRNA-138 contributes to cell migration and invasion through its targeting of vimentin in renal cell carcinoma. 2012 , 41, 805-17	72
785	Towards the understanding of microRNA and environmental factor interactions and their relationships to human diseases. 2012 , 2, 318	58
784	microRNAs as tumor inhibitors, oncogenes, biomarkers for drug efficacy and outcome predictors in lung cancer (review). 2012 , 5, 890-4	36
783	Prognostic significance of PDCD4 expression and association with microRNA-21 in each Dukes' stage of colorectal cancer patients. 2012 , 27, 1384-92	23
782	microRNA-1301-mediated inhibition of tumorigenesis. 2012 , 27, 929-34	25

781	microRNA-192, -194 and -215 are frequently downregulated in colorectal cancer. 2012 , 3, 560-566	84
780	HBV-related hepatocellular carcinoma: the role of integration, viral proteins and miRNA. 2012 , 7, 1237-1249	1
779	microRNA signature for human pancreatic cancer invasion and metastasis. 2012 , 4, 181-187	26
778	Discovering Drug Targets for Cancer Therapy. 2012 , 299-322	
777	Regulation of let-7 and its target oncogenes (Review). 2012 , 3, 955-960	141
776	Genetic screen identifies microRNA cluster 99b/let-7e/125a as a regulator of primitive hematopoietic cells. 2012 , 119, 377-87	77
775	MicroRNAs in esophageal cancer (review). 2012 , 6, 459-65	39
774	miRNA expression profile in primary gastric cancers and paired lymph node metastases indicates that miR-10a plays a role in metastasis from primary gastric cancer to lymph nodes. 2012 , 3, 351-356	55
773	Hyaluronan-CD44v3 interaction with Oct4-Sox2-Nanog promotes miR-302 expression leading to self-renewal, clonal formation, and cisplatin resistance in cancer stem cells from head and neck squamous cell carcinoma. 2012 , 287, 32800-24	209
772	MicroRNAs, wild-type and mutant p53: more questions than answers. 2012 , 9, 781-91	39
771	DNA methylation and microRNA dysregulation in cancer. 2012 , 6, 567-78	194
770	The functions of microRNAs in pluripotency and reprogramming. 2012 , 14, 1114-21	115
769	One-step, multiplexed fluorescence detection of microRNAs based on duplex-specific nuclease signal amplification. 2012 , 134, 5064-7	410
768	MiR-214 inhibits cell growth in hepatocellular carcinoma through suppression of β -catenin. 2012 , 428, 525-31	85
767	Curcumin: updated molecular mechanisms and intervention targets in human lung cancer. 2012 , 13, 3959-78	65
766	Identification of retinoblastoma related genes with shortest path in a protein-protein interaction network. 2012 , 94, 1910-7	24
765	Dissection of human MiRNA regulatory influence to subpathway. 2012 , 13, 175-86	30
764	Altered expression of microRNA miR-21, miR-155, and let-7a and their roles in pulmonary neuroendocrine tumors. 2012 , 62, 583-91	40

763	8 microRNAs: A New Control Mechanism for Kallikrein-related Peptidases in Kidney and Other Cancers.	1
762	A meta-analysis of gene expression data identifies a molecular signature characteristic for tumor-stage mycosis fungoides. 2012 , 132, 2050-9	64
761	MicroRNA-195 plays a tumor-suppressor role in human glioblastoma cells by targeting signaling pathways involved in cellular proliferation and invasion. 2012 , 14, 278-87	76
760	Diagnostic potential of PTEN-targeting miR-214 in the blood of breast cancer patients. 2012 , 134, 933-41	127
759	Epigenetic and genetic alterations-based molecular classification of head and neck cancer. 2012 , 12, 279-90	15
758	Lin28-mediated control of let-7 microRNA expression by alternative TUTases Zcchc11 (TUT4) and Zcchc6 (TUT7). 2012 , 18, 1875-85	149
757	Feedback networks between microRNAs and epigenetic modifications in urological tumors. 2012 , 7, 315-25	28
756	Diet, epigenetics, and cancer. 2012 , 863, 377-93	13
755	Glioma-Initiating Cells: Interferon Treatment. 2012 , 99-106	
754	A KRAS variant is a biomarker of poor outcome, platinum chemotherapy resistance and a potential target for therapy in ovarian cancer. 2012 , 31, 4559-66	64
753	Involvement of methylation of group of miRNA genes in regulation of expression of RAR-beta2 and NKIRAS1 target genes in lung cancer. 2012 , 46, 693-704	10
752	A polymorphism in a let-7 microRNA binding site of KRAS in women with endometriosis. 2012 , 4, 206-17	70
751	The expression and clinical significance of circulating microRNA-21 in serum of five solid tumors. 2012 , 138, 1659-66	180
750	The progression of microRNA in human colorectal cancer. 2012 , 11, 691-693	
749	TGF- β -miR-34a-CCL22 signaling-induced Treg cell recruitment promotes venous metastases of HBV-positive hepatocellular carcinoma. 2012 , 22, 291-303	372
748	MiR-20a and miR-106b negatively regulate autophagy induced by leucine deprivation via suppression of ULK1 expression in C2C12 myoblasts. 2012 , 24, 2179-86	106
747	Targeting glioma stem cells by functional inhibition of a prosurvival oncomiR-138 in malignant gliomas. 2012 , 2, 591-602	84
746	MicroRNA-101 suppresses SOX9-dependent tumorigenicity and promotes favorable prognosis of human hepatocellular carcinoma. 2012 , 586, 4362-70	88

745	Utility of micro-ribonucleic acid profile for predicting recurrence of rectal cancer. 2012 , 177, 87-92	7
744	Genetic variants in microRNA biogenesis pathway genes are associated with semen quality in a Han-Chinese population. 2012 , 24, 454-61	25
743	miR-21 downregulated TCF21 to inhibit KISS1 in renal cancer. 2012 , 80, 1298-302.e1	49
742	Differential expression of miRNAs in rhabdomyosarcoma and malignant rhabdoid tumor. 2012 , 318, 2567-77	19
741	MicroRNA-181a promotes gastric cancer by negatively regulating tumor suppressor KLF6. 2012 , 33, 1589-97	71
740	CSE1L, DDO1 and RBM39 in colorectal adenoma to carcinoma progression. 2012 , 35, 293-300	20
739	Aberrant microRNA expression and its implications in the pathogenesis of leukemias. 2012 , 35, 317-34	56
738	MiR-26a and miR-144 inhibit proliferation and metastasis of esophageal squamous cell cancer by inhibiting cyclooxygenase-2. 2016 , 7, 15173-86	42
737	A single-nucleotide polymorphism in the 3'-UTR region of the adipocyte fatty acid binding protein 4 gene is associated with prognosis of triple-negative breast cancer. 2016 , 7, 18984-98	9
736	MiR-148a functions to suppress metastasis and serves as a prognostic indicator in triple-negative breast cancer. 2016 , 7, 20381-94	43
735	MicroRNA-1229 overexpression promotes cell proliferation and tumorigenicity and activates Wnt/ β -catenin signaling in breast cancer. 2016 , 7, 24076-87	41
734	In vitro and in vivo anti-tumor activity of miR-221/222 inhibitors in multiple myeloma. 2013 , 4, 242-55	109
733	Identification of a three-miRNA signature as a blood-borne diagnostic marker for early diagnosis of lung adenocarcinoma. 2016 , 7, 26070-86	45
732	Pre-miRNA variants as predictors of clinical outcome in patients with squamous cell carcinomas of the nonoropharynx. 2016 , 7, 26444-53	8
731	MiR-320a inhibits gastric carcinoma by targeting activity in the FoxM1-P27KIP1 axis. 2016 , 7, 29275-86	33
730	Significance of microRNA-related variants in susceptibility to recurrence of oropharyngeal cancer patients after definitive radiotherapy. 2016 , 7, 35015-25	7
729	A novel p70 S6 kinase-microRNA biogenesis axis mediates multicellular spheroid formation in ovarian cancer progression. 2016 , 7, 38064-38077	15
728	Basic fibroblast growth factor promotes VEGF-C-dependent lymphangiogenesis via inhibition of miR-381 in human chondrosarcoma cells. 2016 , 7, 38566-38578	23

727	The role of exosomal microRNAs; focus on clinical applications in breast cancer.. 2019 , 2, 847-861	2
726	Non-coding RNAs: the riddle of the transcriptome and their perspectives in cancer. 2018 , 6, 241	63
725	Polymorphisms in microRNA let-7 binding sites of the and genes can predict pathologic complete response to taxane- and platinum-based neoadjuvant chemotherapy in breast cancer. 2019 , 7, 138	4
724	Effect of miRNA-19a antisense oligonucleotide and Ara-C on the proliferation and apoptosis of HL60 cells. 2019 , 7, 260	2
723	Molecular imaging strategies for in vivo tracking of microRNAs: a comprehensive review. 2013 , 20, 3594-603	29
722	Role of microRNAs in Chronic Lymphocytic Leukemia Pathogenesis. 2020 , 27, 282-297	14
721	Advances in biomarker research for pancreatic cancer. 2012 , 18, 2439-51	58
720	Viewing the Emphasis on State-of-the-Art Magnetic Nanoparticles: Synthesis, Physical Properties, and Applications in Cancer Theranostics. 2019 , 25, 1505-1523	10
719	Expression profile of MicroRNA: An Emerging Hallmark of Cancer. 2019 , 25, 642-653	24
718	Small and Long Non-Coding RNAs: Novel Targets in Perspective Cancer Therapy. 2015 , 16, 319-26	71
717	Epigenetic Mechanisms of Maternal Dietary Protein and Amino Acids Affecting Growth and Development of Offspring. 2019 , 20, 727-735	2
716	Roles of E6 and E7 Human Papillomavirus Proteins in Molecular Pathogenesis of Cervical Cancer. 2019 , 20, 926-934	9
715	Prospects of miRNA-based therapy for pancreatic cancer. 2013 , 14, 1101-9	30
714	Epigenetics in Metastatic Breast Cancer: Its Regulation and Implications in Diagnosis, Prognosis and Therapeutics. 2019 , 19, 82-100	13
713	Novel Mechanistic Insights into the Anti-cancer Mode of Arsenic Trioxide. 2020 , 20, 115-129	4
712	Potential Telomere-Related Pharmacological Targets. 2020 , 20, 458-484	4
711	MicroRNA-297a regulates vascular calcification by targeting fibroblast growth factor 23. 2016 , 19, 1331-1336	10
710	Enrichment of A Rare Subpopulation of miR-302-Expressing Glioma Cells by Serum Deprivation. 2015 , 16, 494-505	10

709	rs6505162 Is Associated with The Increased Risk of Breast Cancer in Isfahan Central Province of Iran. 2020 , 22, 110-116	2
708	Overexpression of MiR-138 Inhibits Cell Growth and Induces Caspase-mediated Apoptosis in Acute Promyelocytic Leukemia Cell Line. 2018 , 7, 24-31	7
707	Profiles of Circulating MiRNAs Following Metformin Treatment in Patients with Type 2 Diabetes. 2018 , 37, 499-506	48
706	The miRNA regulates growth and tumorigenesis by repressing the cell cycle regulator. 2019 , 2,	10
705	Circulating miR-20a and miR-26a as Biomarkers in Prostate Cancer. 2019 , 20, 1453-1456	15
704	Ionizing Radiation-inducible microRNA-21 Induces Angiogenesis by Directly Targeting PTEN. 2019 , 20, 1587-1593	5
703	MicroRNA Isolation by Trizol-Based Method and Its Stability in Stored Serum and cDNA Derivatives. 2019 , 20, 1641-1647	11
702	Reduced Levels of miR-28 and miR-200a Act as Predictor Biomarkers of Aggressive Clinicopathological Characteristics in Gastric Cancer Patients. 2019 , 8, e1329	1
701	Systemic administration of miRNA mimics by liposomal delivery system in animal model of colorectal carcinoma. 2016 , 65, S481-S488	9
700	Pathogenetic Role and Clinical Implications of Regulatory RNAs in Biliary Tract Cancer. 2020 , 13,	4
699	MicroRNA and lncRNA in Neurodegenerative Diseases*. 2010 , 37, 826-833	4
698	Advances in microRNAs and TP53 Gene Regulatory Network*. 2013 , 39, 1133-1144	11
697	Harnessing the RNA interference pathway to advance treatment and prevention of hepatocellular carcinoma. 2008 , 14, 1670-81	30
696	Impact of tiny miRNAs on cancers. 2007 , 13, 497-502	47
695	Circulating microRNAs: novel biomarkers for esophageal cancer. 2010 , 16, 2348-54	42
694	Down-regulation of miR-622 in gastric cancer promotes cellular invasion and tumor metastasis by targeting ING1 gene. 2011 , 17, 1895-902	63
693	Identification of deregulated miRNAs and their targets in hepatitis B virus-associated hepatocellular carcinoma. 2012 , 18, 5442-53	81
692	MicroRNAs: New therapeutic targets for intestinal barrier dysfunction. 2014 , 20, 5818-25	22

691	miR-132 inhibits colorectal cancer invasion and metastasis via directly targeting ZEB2. 2014 , 20, 6515-22	85
690	Perspectives on new biomarkers in gastric cancer: diagnostic and prognostic applications. 2014 , 20, 11574-85	23
689	Downregulation of miR-193a-5p correlates with lymph node metastasis and poor prognosis in colorectal cancer. 2014 , 20, 12241-8	44
688	MicroRNAs: promising chemoresistance biomarkers in gastric cancer with diagnostic and therapeutic potential. 2014 , 20, 13658-66	29
687	MiR-146a rs2910164 polymorphism increases risk of gastric cancer: a meta-analysis. 2014 , 20, 15440-7	16
686	Tumor suppressor role of miR-133a in gastric cancer by repressing IGF1R. 2015 , 21, 2949-58	43
685	Downregulation of rho-associated protein kinase 1 by miR-124 in colorectal cancer. 2015 , 21, 5454-64	29
684	Expression profile of microRNAs in gastrointestinal stromal tumors revealed by high throughput quantitative RT-PCR microarray. 2015 , 21, 5843-55	17
683	MicroRNAs: Novel immunotherapeutic targets in colorectal carcinoma. 2016 , 22, 5317-31	44
682	FOLFIRINOX and translational studies: Towards personalized therapy in pancreatic cancer. 2016 , 22, 6987-7005	52
681	MicroRNA aberrations: An emerging field for gallbladder cancer management. 2016 , 22, 1787-99	30
680	Yangzheng Sanjie decoction regulates proliferation and apoptosis of gastric cancer cells by enhancing let-7a expression. 2017 , 23, 5538-5548	9
679	Hsa-miR-202-3p, up-regulated in type 1 gastric neuroendocrine neoplasms, may target. 2018 , 24, 573-582	11
678	MicroRNA signature in patients with hepatocellular carcinoma associated with type 2 diabetes. 2019 , 25, 6322-6341	10
677	[Curcumin promoted the apoptosis of cisplatin-resistant human lung carcinoma cells A549/DDP through down-regulating miR-186*]. 2010 , 13, 301-6	9
676	MicroRNA-150 functions as a tumor suppressor and sensitizes osteosarcoma to doxorubicin-induced apoptosis by targeting RUNX2. 2020 , 19, 481-488	6
675	Mechanism of Notch1-saRNA-1480 reversing androgen sensitivity in human metastatic castration-resistant prostate cancer. 2020 , 46, 265-279	1
674	Profiling analysis of circulating microRNA expression in cervical cancer. 2016 , 5, 189-194	36

673	Historical retrospective of the oncogene and new perspectives (Review). 2020 , 13, 21	6
672	Multiple microRNAs as biomarkers for early breast cancer diagnosis. 2021 , 14, 31	18
671	Identification of miRNA and mRNA expression profiles by PCR microarray in hepatitis B virus-associated hepatocellular carcinoma. 2018 , 18, 5123-5132	4
670	miR-124 inhibits cell growth through targeting IQGAP1 in colorectal cancer. 2018 , 18, 5270-5278	4
669	Long noncoding RNA TUG1 promotes renal cell carcinoma cell proliferation, migration and invasion by downregulating microRNA-196a. 2018 , 18, 5791-5798	10
668	miR-96 exerts an oncogenic role in the progression of cervical cancer by targeting CAV-1. 2020 , 22, 543-550	4
667	miR-205 suppresses cell migration, invasion and EMT of colon cancer by targeting mouse double minute 4. 2020 , 22, 633-642	5
666	Mechanism of miR-107-targeting of regulator of G-protein signaling 4 in hepatocellular carcinoma. 2019 , 18, 5145-5154	2
665	Effects of miR-218-1-3p and miR-149 on proliferation and apoptosis of non-small cell lung cancer cells. 2020 , 20, 96	2
664	Altered expression of microRNA-92b-3p predicts survival outcomes of patients with prostate cancer and functions as an oncogene in tumor progression. 2021 , 21, 4	6
663	miR-193b exhibits mutual interaction with MYC, and suppresses growth and metastasis of osteosarcoma. 2020 , 44, 139-155	3
662	Expression of miR-34a/p53 and Their Apoptotic Target Bax in Oral Squamous Cell Carcinoma. 2017 , 14, 32-38	2
661	A hybrid model for cell proliferation and migration in glioblastoma. 2013 , 18, 969-1015	23
660	Identification of key microRNAs involved in tumorigenesis and prognostic microRNAs in breast cancer. 2020 , 17, 2923-2935	3
659	Association between microRNA196a2 rs11614913 genotypes and the risk of non-small cell lung cancer in Korean population. 2011 , 44, 125-30	35
658	Meta-Analysis of the Association between Mir-196a-2 Polymorphism and Cancer Susceptibility. 2012 , 9, 63-72	26
657	TGF- β 1 alters microRNA profile in human gastric cancer cells. 2013 , 25, 102-11	19
656	microRNAs and ceRNAs: RNA networks in pathogenesis of cancer. 2013 , 25, 235-9	52

655	MiR-182 is up-regulated and targeting Cebpa in hepatocellular carcinoma. 2014 , 26, 17-29	32
654	Differential expression of serum miR-126, miR-141 and miR-21 as novel biomarkers for early detection of liver metastasis in colorectal cancer. 2014 , 26, 95-103	45
653	Exosome can prevent RNase from degrading microRNA in feces. 2011 , 2, 215-22	108
652	Prognostic and predictive biomarkers in early stage NSCLC: CTCs and serum/plasma markers. 2013 , 2, 382-97	19
651	The critical roles of miR-21 in anti-cancer effects of curcumin. 2015 , 3, 330	25
650	MicroRNAs as biomarkers in leukemia. 2014 , 1, 11	3
649	Bioinformatics Methods for Studying MicroRNA and ARE-Mediated Regulation of Post-Transcriptional Gene Expression. 2010 , 1, 97-112	4
648	MicroRNA Expression Profiles in Korean Non-Small Cell Lung Cancer. 2009 , 67, 413	13
647	Altered microRNA expression profiles in a rat model of spina bifida. 2016 , 11, 502-7	4
646	miR-486-3p, miR-139-5p, and miR-21 as Biomarkers for the Detection of Oral Tongue Squamous Cell Carcinoma. 2017 , 9, 1-8	25
645	Interplay Between Metabolism and Oncogenic Process: Role of microRNAs. 2015 , 7, 11-27	34
644	MicroRNA in pancreatic ductal adenocarcinoma and its precursor lesions. 2016 , 8, 18-29	54
643	MicroRNA: A matter of life or death. 2010 , 1, 41-54	47
642	Is Associated with Expression through Promoter Methylation in Gastric Carcinogenesis. 2018 , 12, 58-66	16
641	Role of microRNA dysregulation in childhood acute leukemias: Diagnostics, monitoring and therapeutics: A comprehensive review. 2020 , 11, 348-369	5
640	MicroRNAs in cancer therapeutic response: Friend and foe. 2014 , 5, 730-43	40
639	Epigenetic mechanisms in human physiology and diseases. 2011 , 1, 139	8
638	Epigenomics: novel aspect of genomic regulation. 2007 , 40, 151-5	8

637	microRNA-214-mediated UBC9 expression in glioma. 2012 , 45, 641-6	34
636	Posttranscriptional deregulation of Src due to aberrant miR34a and miR203 contributes to gastric cancer development. 2013 , 46, 316-21	13
635	Comparison of the prevalence of KRAS-LCS6 polymorphism (rs61764370) within different tumour types (colorectal, breast, non-small cell lung cancer and brain tumours). A study of the Czech population. 2015 , 159, 466-71	10
634	MicroRNAs: regulators of cancer metastasis and epithelial-mesenchymal transition (EMT). 2014 , 33, 140-7	75
633	Study of miRNA Based Gene Regulation, Involved in Solid Cancer, by the Assistance of Argonaute Protein. 2016 , 14, 112-124	6
632	Endurance Training Attenuates Angiogenesis Following Breast Cancer by Regulation of MiR-126 and MiR-296 in Breast Cancer Bearing Mice. 2017 , 10,	3
631	Molecular diagnostics in melanoma: current status and perspectives. 2011 , 135, 860-9	24
630	Can microRNAs act as biomarkers of aging?. 2011 , 5, 396-7	2
629	MicroRNA: from fundamental research to their application. 2007 , 23, 467-482	2
628	MicroRNAs and metastasis-related gene expression in Egyptian breast cancer patients. 2012 , 13, 591-8	59
627	Serum miR-21 expression in human esophageal squamous cell carcinomas. 2012 , 13, 1563-7	25
626	Effects of multiple-target anti-microRNA antisense oligodeoxyribonucleotides on proliferation and migration of gastric cancer cells. 2012 , 13, 3203-7	21
625	Associations between three common MicroRNA polymorphisms and hepatocellular carcinoma risk in Chinese. 2014 , 14, 6601-4	25
624	MicroRNA-802 promotes osteosarcoma cell proliferation by targeting p27. 2013 , 14, 7081-4	35
623	MicroRNA-155 expression has prognostic value in patients with non-small cell lung cancer and digestive system carcinomas. 2013 , 14, 7085-90	31
622	miR-19a promotes cell growth and tumorigenesis through targeting SOCS1 in gastric cancer. 2013 , 14, 835-40	41
621	Hsa-miR-181a-5p expression and effects on cell proliferation in gastric cancer. 2013 , 14, 3871-5	45
620	MicroRNAs as promising biomarkers for tumor-staging: evaluation of MiR21 MiR155 MiR29a and MiR92a in predicting tumor stage of rectal cancer. 2014 , 15, 5175-80	14

619	MicroRNAs in colorectal cancer: from diagnosis to targeted therapy. 2014 , 15, 6989-99	50
618	Evaluation of genetic variations in miRNA-binding sites of BRCA1 and BRCA2 genes as risk factors for the development of early-onset and/or familial breast cancer. 2014 , 15, 8319-24	12
617	MiR-1297 regulates the growth, migration and invasion of colorectal cancer cells by targeting cyclo-oxygenase-2. 2014 , 15, 9185-90	41
616	MiR-323-5p acts as a tumor suppressor by targeting the insulin-like growth factor 1 receptor in human glioma cells. 2014 , 15, 10181-5	17
615	Cinobufacin suppresses cell proliferation via miR-494 in BGC- 823 gastric cancer cells. 2014 , 15, 1241-5	26
614	Characterization of the microRNA expression profile of cervical squamous cell carcinoma metastases. 2014 , 15, 1675-9	38
613	Association analysis of single nucleotide polymorphisms in miR-146a and miR-196a2 on the prevalence of cancer in elderly Japanese: a case-control study. 2014 , 15, 2101-7	29
612	Matrine reduces proliferation of human lung cancer cells by inducing apoptosis and changing miRNA expression profiles. 2014 , 15, 2169-77	23
611	Association between the pre-mir-218 polymorphism and cancer risk in the Chinese population: a meta-analysis. 2014 , 15, 2517-22	6
610	MiR-133b acts as a tumor suppressor and negatively regulates TBPL1 in colorectal cancer cells. 2014 , 15, 3767-72	33
609	MiR-99a Inhibits Cell Proliferation and Tumorigenesis through Targeting mTOR in Human Anaplastic Thyroid Cancer. 2015 , 16, 4937-44	26
608	MicroRNA-124 rs531564 Polymorphism and Cancer Risk: A Meta-analysis. 2015 , 16, 7905-9	8
607	MiR-454 prompts cell proliferation of human colorectal cancer cells by repressing CYLD expression. 2015 , 16, 2397-402	34
606	Genetic variants in the MicroRNA biosynthetic pathway Gemin3 and Gemin4 are associated with a risk of cancer: a meta-analysis. 2016 , 4, e1724	8
605	RNA-binding Protein MBNL2 regulates Cancer Cell Metastasis through MiR-182-MBNL2-AKT Pathway. 2021 , 12, 6715-6726	2
604	Functional roles of exosomal miRNAs in multi-drug resistance in cancer chemotherapeutics. 2021 , 118, 104592	4
603	Pre-concentration of microRNAs by LNA-modified magnetic beads for enhancement of electrochemical detection. 2021 , 11, 19650	2
602	Rapid, multiplexed detection of the let-7 miRNA family using BNA amphiphiles in micelle-tagging electrophoresis. 2021 , e23479	

601	miR-25 Regulates Gastric Cancer Cell Growth and Apoptosis by Targeting EGR2. 2021 , 12, 690196	0
600	Exosomal miRNA profiles of triple-negative breast cancer in neoadjuvant treatment. 2021 , 22, 819	4
599	MicroRNA-29b ameliorates hepatic inflammation via suppression of STAT3 in alcohol-associated liver disease. 2021 ,	1
598	DEMLP: DeepWalk Embedding in MLP for miRNA-Disease Association Prediction. 2021 , 2021, 1-8	1
597	OncomiRs miR-106a and miR-17 negatively regulate the nucleoside-derived drug transporter hCNT1. 2021 , 78, 7505-7518	0
596	Extracellular microRNA profiling for prognostic prediction in patients with high-grade serous ovarian carcinoma. 2021 , 112, 4977-4986	4
595	MicroRNAs as Biomarkers for Early Diagnosis, Prognosis, and Therapeutic Targeting of Ovarian Cancer. 2021 , 2021, 3408937	2
594	Ultrasensitive Dual-Signal Detection of Telomerase and MiR-21 Based on Boolean Logic Operations. 2021 , 13, 51393-51402	4
593	MiRNome analysis identifying miR-205 and miR-449a as biomarkers of disease progression in intestinal-type sinonasal adenocarcinoma. 2021 , 44, 18	1
592	New Advances in Liquid Biopsy Technologies for Anaplastic Lymphoma Kinase (ALK)-Positive Cancer. 2021 , 13,	1
591	Nanomaterials for Chronic Kidney Disease Detection. 2021 , 11, 9656	1
590	Construct Functional Oligonucleotides Simultaneous Targeting FEN1 and MIR-21 Integrate Photothermal Therapy to Inhibit Cancer Cell Growth.	
589	expression levels and related genetic polymorphisms: influence in renal cell progression and aggressive phenotypes. 2021 , 22, 1069-1079	2
588	LncRNA PTPRG-AS1 facilitates glycolysis and stemness properties of esophageal squamous cell carcinoma cells through miR-599/PDK1 axis. 2021 ,	1
587	Parkinson's disease and microRNAs - Lessons from model organisms and human studies. 2021 , 155, 111585	0
586	Cancer Genetics and Genomics. 2007 , 461-484	1
585	Particular Treatment Procedures. 2008 , 293-326	
584	MicroRNAs and Discovery of New Targets. 2008 , 47-56	

583 Expression profiling of microRNAs in cancer cells: technical considerations. **2008**, 439, 179-90

582 MicroRNA expression in non-Hodgkin's lymphomas. **2008**, 16, 59-68

1

581 MicroRNAs and Their Potential. **2008**, 17-34

580 Genomics of Lung Cancer. **2009**, 856-868

579 Expression of miRNA 146a/b, 221 and 222 in Thyroid Cancer. **2009**, 24, 17

1

578 Biogenesis and Function Mechanisms of Micro-RNAs and Their Role as Oncogenes and Tumor Suppressors. **2009**, 183-189

577 Molecular Biomarker for Lung Cancer. **2009**, 99-105

576 Noncoding RNAs in the Development, Function and Pathologies of the Central Nervous System. **2009**, 453-470

575 A Suite of Resources for the Study of microRNA Ontology and Function. **2009**, 45-56

574 Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma. **2010**, 211-220

573 Well-Differentiated Thyroid Follicular Carcinoma. **2010**, 73-93

572 MicroRNA Profiling and Its Application in Drug Discovery in Pancreatic Cancer. **2010**, 171-180

571 Contribution of the -Omics Era to Our Understanding of Preinvasive Disease and Progression to Cancer. **2011**, 77-110

570 Barrett's Oesophagus. **2011**, 315-340

569 Predicting microRNA Prostate Cancer Target Genes. 99-115

568 Cancer Genome Sequencing.

567 MicroRNAs in Cancer (An Overview). **2011**, 1-71

566 MicroRNAs in Colorectal Cancer. **2011**, 107-133

1

565 MicroRNA, circulating microRNA and tumor. **2010**, 30, 1128-1132

564 Analysis and clustering of microRNA array: a new efficient and reliable computational method. **2011**, 696, 679-88

563 Diagnostic and Prognostic Cancer Biomarkers: From Traditional to Systems Approaches. **2011**, 329-366

562 Structural Alignment of RNAs with Pseudoknots. **2011**, 550-571

561 Glioma-Initiating Cells: Interferon Treatment. **2011**, 269-276

560 Molecular Biology of Cushing's Disease. **2011**, 19-32

559 Liver Tumor-Initiating Cells/Cancer Stem Cells: Past Studies, Current Status, and Future Perspectives. **2012**, 181-196

558 Nutrients and Epigenetics in Bovine Cells. 161-177

557 Epigenetics and MicroRNAs in Animal Health. 147-160

556 miR-200a Regulation of the Wnt Signaling in Meningioma Tumorigenesis. **2012**, 59-67

555 Medulloblastomas: Clinically Important MicroRNA Genes. **2012**, 35-46

554 Score Based Aggregation of microRNA Target Orderings. **2012**, 237-248

553 Cancer and Diet.

1

552 High-resolution quantitative methylation analysis of microRNA genes using Pyrosequencing **2012**, 878, 229-40

1

551 Targeting Non-coding RNAs for Cancer Therapy. **2012**, 589-609

550 A new biophysical metric for interrogating the information content in human genome sequence variation: Proof of concept. **2012**, 4, 15-22

3

549 Oncogenic microRNAs in Cancer. **2013**, 63-79

548 Epigenetic Regulation of Myeloma Within Its Bone Marrow Microenvironment. **2013**, 255-282

547 108. **2012**, 120-123

546 Genetically Modified Stem Cells for Transplantation. **2013**, 119-146

545 The Role of MicroRNA in Head and Neck Cancer. **2013**, 1019-1048

544 MicroRNA Control of Apoptotic Programs in Cancer. **2013**, 503-530

543 MicroRNA Adjuvants in Stem Cell-Based Cancer Therapy. 203-217

542 miRNAs in Cancer Invasion and Metastasis. 133-152

541 microRNAs, New Players in Cancer Chemoprevention. 173-187

540 Body Fluid microRNAs as Toxicological Biomarkers. 343-364

539 microRNAs and Cancer. 113-131

538 Translational Implications for Noncoding RNA in Cancer. **2014**, 265-282

537 miRNAs as Cancer Biomarkers. **2014**, 97-124

536 MicroRNAs in Solid Tumors. **2014**, 45-65

535 MicroRNAs as molecular markers in lung cancer.

534 Promising Biomarkers: MicroRNAs at Diagnosis, Therapy and Prognostic Evaluation of Breast Cancer. **2014**, 649-656

533 MicroRNAs in Development and Progression of Breast Cancer. **2014**, 117-137

532 MicroRNAs and Clinical Implications in Cancer. **2014**, 323-353

531 MicroRNAs and Their Clinical Impact on Resistance to Anticancer Treatment. **2014**, 369-386

1

530 Molecular Mechanisms and Biomarker Perspective of MicroRNAs in Traumatic Brain Injury. **2014**, 76-115

529 Noninvasive Early Biomarkers in Ovarian Cancer. **2015**, 303-336

528 Computational Platform for Integration and Analysis of MicroRNA Annotation. **2015**, 221-233

527 Point-of-Care Diagnosis by Portable Microchip. **2015**, 135, 558-561

526 The Epigenetics in Intestinal Tumorigenesis. **2015**, 137-168

525 Tumors of endocrine glands. 497-514

524 MicroRNA Signatures as Biomarkers in Cancer. 1-20

o

523 Molecular genetic approaches in the diagnosis of lung cancer. **2015**, 6, 85-94

522 SVM Based Lung Cancer Prediction Using microRNA Expression Profiling from NGS Data. **2016**, 544-553

521 Structural Characterization of pre-miRNA 155. **2016**, 20, 46-49

520 Smad4-TGF- β Signaling Pathways in Pancreatic Cancer Pathogenesis. **2017**, 1-25

519 Two Molecular Markers of Early Non-Small Cell Lung Carcinoma Based on Gene Expression in Peripheral Blood. **2017**, 07, 91-102

518 Role of Epigenetics in Male Infertility. **2017**, 2, 177-183

517 miR-128 inhibits telomerase activity by targeting TERT mRNA.

516 Association between Pri-miR-34b/c rs4938723 polymorphism and bladder cancer risk. **2018**,

o

515 Regulation of microRNA Expression by Growth Factors in Tumor Development and Progression. **2018**, 43-69

514 Circulating Molecular and Cellular Biomarkers in Cancer. 607-656

1

513 Epigenetic Changes and Epigenetic Targets in Head and Neck Cancer. **2018**, 327-352

512 Omics technologies and the choice of treatment strategy for inflammatory intestinal diseases. **2018**, 7, 18

- 511 6mer Seed Toxicity Determines Strand Selection in miRNAs. 1
- 510 A feedback loop between miRNA-155, Programmed cell death 4 and Activation Protein-1 modulates the expression of miR-155 and tumorigenesis in tongue cancer. 1
- 509 MicroRNA-940 promotes cell proliferation and invasion of glioma by directly targeting Kruppel-like factor 9. **2019**, 19, 734-742 2
- 508 Emerging Epigenetic Targets and Their Implications in Cancer Therapy. **2019**, 157-188
- 507 Aberrant Epigenomic Regulatory Networks in Multiple Myeloma and Strategies for Their Targeted Reversal. **2019**, 543-572
- 506 Circulating non-coding RNAs in recurrent and metastatic ovarian cancer.. **2019**, 2, 399-418 0
- 505 MiR-590-5p sensitises pancreatic ductal adenocarcinoma cells by blocking autophagy via targeting ATG3.
- 504 miR-30b suppresses the progression of breast cancer through inhibition of the PI3K/Akt signaling pathway by targeting Derlin-1.. **2019**, 8, 180-190 1
- 503 Role of miR-200c in early diagnosis of gastric cancer: Current status and prospects. **2019**, 27, 382-388
- 502 Deep Learning with Multimodal Representation for Pancancer Prognosis Prediction. 1
- 501 Somatic mutations in miRNA genes in lung cancer [potential functional consequences of non-coding sequence variants. 0
- 500 Focused screening reveals functional effects of microRNAs differentially expressed in colorectal cancer.
- 499 miRDriver: A Tool to Infer Copy Number Derived miRNA-Gene Networks in Cancer. 0
- 498 Optimization of High Resolution Melting (HRM) Method for Genotyping and Estimating Frequency of SNP rs4284505 in the Vietnamese Breast Cancer. **2020**, 269-275
- 497 Direct microRNA sequencing using Nanopore Induced Phase-Shift Sequencing (NIPSS).
- 496 Analysis of hsa-miR-30a-5p and hsa-miR-200c-3p microRNA expression in brain tumor. 24, 227-232
- 495 miRDriver. **2019**, 1
- 494 Pancreas-specific miR-216a regulates proliferation and endocrine and exocrine cell function in vivo. 1

493	MicroRNA-432 inhibits the aggressiveness of glioblastoma multiforme by directly targeting IGF-1R. 2020 , 45, 597-606	5
492	The Basic Molecular Genetics and the Common Mutations of Brain Tumors. 2020 , 93-104	
491	MicroRNA-155 promotes apoptosis of colonic smooth muscle cells and aggravates colonic dysmotility by targeting IGF-1. 2020 , 19, 2725-2732	2
490	miR-34c-3p regulates PKA activity independent of cAMP via ablation of PRKAR2B in Theileria annulata-infected leukocytes and Plasmodium falciparum-infected erythrocytes.	
489	Systematic characterization of somatic mutation-mediated microRNA regulatory network perturbations.	
488	Exploration of endogenous miRNA-200b/c activity and regulation through a functional dual fluorescence reporter.	
487	Evaluation of microRNA Gene Polymorphisms in Liver Transplant Patients with Hepatocellular Carcinoma. 2020 , 20,	
486	Kanser hücrelerinde miR-96-5p'nin AIFM3 ile etkileşimleyerek apoptoz ilikili sinyali baskılaması	
485	Overexpression of microRNA-130a predicts adverse prognosis of primary gastrointestinal diffuse large B-cell lymphoma. 2020 , 20, 93	1
484	MicroRNA-153-3p sensitizes melanoma cells to dacarbazine by suppressing ATG5-mediated autophagy and apoptosis.. 2020 , 9, 5626-5636	1
483	The role of microRNAs in diseases and related signaling pathways. 2021 , 1	0
482	MicroRNA-Triggered Nanozymes Cascade Reaction for Tumor-Specific Chemodynamic Therapy. 2021 ,	1
481	A simple "signal off-on" fluorescence nanoplatform for the label-free quantification of exosome-derived microRNA-21 in lung cancer plasma. 2021 , 188, 397	0
480	miRNA-204-5p acts as tumor suppressor to influence the invasion and migration of astrocytoma by targeting ezrin and is downregulated by DNA methylation. 2021 , 12, 9301-9312	2
479	CHAPTER 9. Biosynthesis of Curcumin and Molecular Targets and the Biological Mechanism of Curcumin. 2020 , 196-220	
478	Profiling microRNAs in uncomplicated pregnancies: Serum vs. plasma. 2021 , 14, 24	5
477	Lipid Droplets Promote Phase Separation of Ago2 to Accelerate Dicer1 Loss and Decelerate miRNA Activity in Lipid Exposed Hepatic Cells.	
476	GPER1 and microRNA: Two Players in Breast Cancer Progression. 2020 , 22,	1

- 475 MiRNA:RBP Interplay as a Key Regulatory Element in Health and Disease. **2020**, 14, 123-143
- 474 TRIM25 contributes to the malignancy of acute myeloid leukemia and is negatively regulated by microRNA-137. **2021**, 16, 95-103 1
- 473 Curcumin Inhibits Retinoblastoma Cell Proliferation by miR-26a Targeting the Tumor Suppressor Gene Rb1 in Y79 Cells. 9, 63-71 2
- 472 Nanodevice-based imaging of miRNA in vivo by eliminating blood interference. **2022**, 430, 132887 2
- 471 High-quality human preimplantation embryos stimulate endometrial stromal cell migration via secretion of microRNA hsa-miR-320a.
- 470 Chapter 10:Visualization of Dynamic Intermolecular Interactions in Living Cells. **2020**, 232-247
- 469 Functionality of Intron-Specific Genes and Cancer Stem Cells in the Progression of Colorectal Cancer. **2020**, 223-239
- 468 MicroRNA-744 promotes proliferation of osteosarcoma cells by targeting PTEN. **2020**, 21, 2276-2282 1
- 467 Acute ischemic stroke biomarkers: a new era with diagnostic promise?. **2021**, 8, e696 4
- 466 MicroRNA-663b enhances migration and invasion by targeting adenomatous polyposis coli 2 in colorectal carcinoma cells. **2020**, 19, 3701-3710 1
- 465 Systematic Combination of Oligonucleotides and Synthetic Polymers for Advanced Therapeutic Applications. **2021**, 29, 665-680 2
- 464 Human Papillomaviruses-Associated Cancers: An Update of Current Knowledge. **2021**, 13, 2
- 463 Head on Comparison of Self- and Nano-assemblies of Gamma Peptide Nucleic Acid Amphiphiles.. **2022**, 32, 2109552 2
- 462 Cellular microRNA-127-3p suppresses oncogenic herpesvirus-induced transformation and tumorigenesis via down-regulation of SKP2. **2021**, 118, 1
- 461 Role of Flavonoids as Epigenetic Modulators in Cancer Prevention and Therapy. **2021**, 12, 758733 2
- 460 miR-497-5p/SALL4 axis promotes stemness phenotype of choriocarcinoma and forms a feedback loop with DNMT-mediated epigenetic regulation. **2021**, 12, 1046 1
- 459 Epithelial to Mesenchymal Transition: Key Regulator of Pancreatic Ductal Adenocarcinoma Progression and Chemoresistance. **2021**, 13, 6
- 458 Ponatinib miRNA ifadelerini d enleyerek meme kanseri h relerini hedefler.

- 457 A pan-cancer atlas of somatic mutations in miRNA biogenesis genes.
- 456 Lauric Acid Modulates Cancer-Associated microRNA Expression and Inhibits the Growth of the Cancer Cell. **2020**, 20, 834-844 0
- 455 Bioinformatics Methods for Studying MicroRNA and ARE-Mediated Regulation of Post-Transcriptional Gene Expression. 156-173
- 454 Predictive Dynamical Modelling MicroRNAs Role in Complex Networks. 1072-1112
- 453 Predictive Dynamical Modelling MicroRNAs Role in Complex Networks. 156-192
- 452 Selfish Evolution. **2008**, 27-43
- 451 Molecular Targets in Gastric Cancer and Apoptosis. **2009**, 157-192
- 450 Key Mechanisms and Pathways. **2008**, 431-443
- 449 Profiles of Circulating miRNAs Following Metformin Treatment in Patients with Type 2 Diabetes. **2018**, 1
- 448 Mechanismen der Translationkontrolle in Eukaryonten. **2008**, 139-158
- 447 Identification and Differential Expression of microRNA in Response to Elevated Phospholipase C α Expression in Liver RH 35 Carcinoma Cells. **2020**, 54, 555-565
- 446 MiRNAs: A New Approach to Predict and Overcome Resistance to Anticancer Drugs. **2020**, 7, 65-77
- 445 The role of microRNAs in cancer. **2006**, 79, 131-40 114
- 444 Investigation of miRNA biology by bioinformatic tools and impact of miRNAs in colorectal cancer--regulatory relationship of c-Myc and p53 with miRNAs. **2007**, 3, 245-53 16
- 443 Prognostic Values of microRNAs in Colorectal Cancer. **2006**, 2, 113-121 215
- 442 Negative Regulation of Receptor Tyrosine Kinase (RTK) Signaling: A Developing Field. **2007**, 2, 45-58 12
- 441 MicroRNA-222 regulates cell invasion by targeting matrix metalloproteinase 1 (MMP1) and manganese superoxide dismutase 2 (SOD2) in tongue squamous cell carcinoma cell lines. **2009**, 6, 131-9 94
- 440 The KRAS-Variant Genetic Test As a Marker of Increased Risk of Ovarian Cancer. **2010**, 3, 118-21 3

439	Functional polymorphisms in two pre-microRNAs and cancer risk: a meta-analysis. 2010 , 1, 358-66	21
438	Genetic and epigenetic association studies suggest a role of microRNA biogenesis gene exportin-5 (XPO5) in breast tumorigenesis. 2011 , 2, 9-18	40
437	Circulating MicroRNA as Biomarkers: An Update in Prostate Cancer. 2011 , 3, 115-124	15
436	A novel in vitro three-dimensional retinoblastoma model for evaluating chemotherapeutic drugs. 2012 , 18, 1361-78	28
435	Oncogenic microRNA 17-92 cluster is regulated by epithelial cell adhesion molecule and could be a potential therapeutic target in retinoblastoma. 2012 , 18, 2279-87	34
434	miR-155 Down Regulation by LNA Inhibitor can Reduce Cell Growth and Proliferation in PC12 Cell Line. 2011 , 3, 61-6	11
433	Study on the clinical significance of Argonaute2 expression in colonic carcinoma by tissue microarray. 2013 , 6, 476-84	6
432	Down-regulation of miR-302b, an ESC-specific microRNA, in Gastric Adenocarcinoma. 2012 , 13, 251-8	21
431	Novel functions for small RNA molecules. 2009 , 11, 641-51	69
430	Mir-375 enhances ruthenium-derived compound Rawq01 induced cell death in human ovarian cancer. 2013 , 6, 1095-102	6
429	Heterogeneity of microRNAs expression in cervical cancer cells: over-expression of miR-196a. 2014 , 7, 1389-401	31
428	MicroRNA and Male Infertility: A Potential for Diagnosis. 2014 , 8, 113-8	26
427	MicroRNA-183 inhibits apoptosis and promotes proliferation and invasion of gastric cancer cells by targeting PDCD4. 2014 , 7, 2519-29	30
426	MiR-634 sensitizes nasopharyngeal carcinoma cells to paclitaxel and inhibits cell growth both in vitro and in vivo. 2014 , 7, 6784-91	22
425	microRNA-195-Cdc42 axis acts as a prognostic factor of esophageal squamous cell carcinoma. 2014 , 7, 6871-9	24
424	The differential expression of microRNA-143,145 in endometriosis. 2014 , 12, 555-60	15
423	Mir-55 inhibition can reduce cell proliferation and induce apoptosis in Jurkat (Acute T cell Leukemia) cell line. 2014 , 4, 141-50	8
422	Anti-miR21 oligonucleotide enhances chemosensitivity of T98G cell line to doxorubicin by inducing apoptosis. 2015 , 5, 231-42	21

421	Prediction of non-small cell lung cancer metastasis-associated microRNAs using bioinformatics. 2015 , 5, 32-51	25
420	MicroRNA-9 as a novel prognostic biomarker in human laryngeal squamous cell carcinoma. 2014 , 7, 5523-8	16
419	Upregulation of microRNA-23a/b promotes tumor progression and confers poor prognosis in patients with gastric cancer. 2014 , 7, 8833-40	31
418	In situ hybridization analysis of the expression of miR-106b in colonic cancer. 2015 , 8, 786-92	10
417	MiR-34a inhibits oral cancer progression partially by repression of interleukin-6-receptor. 2015 , 8, 1364-73	11
416	Down-regulation of microRNA-124 is correlated with tumor metastasis and poor prognosis in patients with lung cancer. 2015 , 8, 1967-72	20
415	Expression of miR-221 in colon cancer correlates with prognosis. 2015 , 8, 2794-8	27
414	MicroRNA-570 promotes lung carcinoma proliferation through targeting tumor suppressor KLF9. 2015 , 8, 2829-34	8
413	MiR-374a promotes the proliferation of human osteosarcoma by downregulating FOXO1 expression. 2015 , 8, 3482-9	17
412	MicroRNA-330-3p functions as an oncogene in human esophageal cancer by targeting programmed cell death 4. 2015 , 5, 1062-75	31
411	Epigenetics in diagnosis, prognostic assessment and treatment of cancer: an update. 2014 , 13, 954-76	5
410	The 5' flanking region of miR-378 is hypomethylated in acute myeloid leukemia. 2015 , 8, 4321-31	4
409	Overexpression of miR-221 inhibits proliferation and promotes apoptosis of human astrocytoma cells. 2015 , 8, 4851-6	1
408	Cytoplasmic expression of BAP1 as an independent prognostic biomarker for patients with gliomas. 2015 , 8, 5035-43	6
407	miR-107 promotes hepatocellular carcinoma cell proliferation by targeting Axin2. 2015 , 8, 5168-74	26
406	miRNA-221 promotes proliferation, migration and invasion by targeting TIMP2 in renal cell carcinoma. 2015 , 8, 5224-9	22
405	miR-206 inhibits non small cell lung cancer cell proliferation and invasion by targeting SOX9. 2015 , 8, 9107-13	31
404	miR-630 targets LMO3 to regulate cell growth and metastasis in lung cancer. 2015 , 7, 1271-9	24

403	Mir-192 suppresses apoptosis and promotes proliferation in esophageal squamous cell carcinoma by targeting Bim. 2015 , 8, 8048-56	16
402	MicroRNA-34a inhibits tumor invasion and metastasis in gastric cancer by targeting Tgif2. 2015 , 8, 8921-8	23
401	Association of four common SNPs in microRNA polymorphisms with the risk of hepatocellular carcinoma. 2015 , 8, 9560-6	12
400	Up-regulation of miR-506 inhibits cell growth and disrupt the cell cycle by targeting YAP in breast cancer cells. 2015 , 8, 12018-27	12
399	Mir-142-3p functions as a potential tumor suppressor directly targeting HMGB1 in non-small-cell lung carcinoma. 2015 , 8, 10800-7	49
398	Mir-185 acts as a tumor suppressor by targeting AKT1 in non-small cell lung cancer cells. 2015 , 8, 11854-62	34
397	Expression Analysis of mir-21 and mir-221 in Cancerous Tissues from Iranian Patients with Gastric Cancer. 2015 , 19, 188-93	7
396	MicroRNA-205 functions as a tumor suppressor in colorectal cancer by targeting cAMP responsive element binding protein 1 (CREB1). 2015 , 7, 2053-9	35
395	Mir-592 represses FOXO3 expression and promotes the proliferation of prostate cancer cells. 2015 , 8, 15246-53	19
394	Diagnostic value of urinary microRNAs as non-invasive biomarkers for bladder cancer: a meta-analysis. 2015 , 8, 15432-40	8
393	Mir-16 modulate temozolomide resistance by regulating BCL-2 in human glioma cells. 2015 , 8, 12698-707	22
392	HPV-16 E6 promotes cell growth of esophageal cancer via downregulation of miR-125b and activation of Wnt/ β -catenin signaling pathway. 2015 , 8, 13687-94	27
391	HPV-p53-miR-34a axis in HPV-associated cancers. 2015 , 3, 331	5
390	Effect of miR-143 on the apoptosis of osteosarcoma cells. 2015 , 8, 14241-6	14
389	microRNA-451 inhibited cell proliferation, migration and invasion through regulation of MIF in renal cell carcinoma. 2015 , 8, 15611-21	16
388	Absence of mutation in miR-34a gene in a Chinese longevity population. 2015 , 36, 112-4	
387	miR-3646 promotes cell proliferation, migration, and invasion via regulating G2/M transition in human breast cancer cells. 2016 , 8, 1659-77	11
386	Therapeutic intervention of silymarin on the migration of non-small cell lung cancer cells is associated with the axis of multiple molecular targets including class 1 HDACs, ZEB1 expression, and restoration of miR-203 and E-cadherin expression. 2016 , 6, 1287-301	12

385	MiRNA-101 inhibits oral squamous-cell carcinoma growth and metastasis by targeting zinc finger E-box binding homeobox 1. 2016 , 6, 1396-407	18
384	MiR-182 promotes proliferation and invasion and elevates the HIF-1 β /VEGF-A axis in breast cancer cells by targeting FBXW7. 2016 , 6, 1785-98	27
383	Poly r(C) binding protein (PCBP) 1 is a negative regulator of thyroid carcinoma. 2016 , 8, 3567-73	10
382	Analyses of methylation status of CpG islands in promoters of miR-9 genes family in human gastric adenocarcinoma. 2015 , 4, 73-82	5
381	Propofol inhibits growth and invasion of pancreatic cancer cells through regulation of the miR-21/Slug signaling pathway. 2016 , 8, 4120-4133	38
380	MiR-146a suppresses hepatocellular carcinoma by downregulating TRAF6. 2016 , 6, 2502-2513	14
379	The E3 ubiquitin ligase CHIP/miR-92b/PTEN regulatory network contributes to tumorigenesis of glioblastoma. 2017 , 7, 289-300	14
378	MicroRNA-9 regulates non-small cell lung cancer cell invasion and migration by targeting eukaryotic translation initiation factor 5A2. 2017 , 9, 478-488	30
377	MicroRNA-1468-5p inhibits glioma cell proliferation and induces cell cycle arrest by targeting RRM1. 2017 , 7, 784-800	13
376	miR-381-3p suppresses the proliferation of oral squamous cell carcinoma cells by directly targeting FGFR2. 2017 , 7, 913-922	41
375	MicroRNA-1301 inhibits proliferation of human glioma cells by directly targeting N-Ras. 2017 , 7, 982-998	20
374	Mechanisms of miR-145 regulating invasion and metastasis of ovarian carcinoma. 2017 , 9, 3443-3451	9
373	MicroRNA-625 inhibits the proliferation and increases the chemosensitivity of glioma by directly targeting AKT2. 2017 , 7, 1835-1849	11
372	MicroRNA-205-5p regulates the chemotherapeutic resistance of hepatocellular carcinoma cells by targeting PTEN/JNK/ANXA3 pathway. 2017 , 9, 4300-4307	22
371	MiR-488 suppresses cell proliferation and invasion by targeting ADAM9 and lncRNA HULC in hepatocellular carcinoma. 2017 , 7, 2070-2080	24
370	Imbalance of a KLF4-miR-7 auto-regulatory feedback loop promotes prostate cancer cell growth by impairing microRNA processing. 2018 , 8, 226-244	5
369	MicroRNA-337 regulates the PI3K/AKT and Wnt/ β -catenin signaling pathways to inhibit hepatocellular carcinoma progression by targeting high-mobility group AT-hook 2. 2018 , 8, 405-421	18
368	MiR-143-3p suppresses the progression of ovarian cancer. 2018 , 10, 866-874	28

367	MicroRNA miR-1249 downregulates adenomatous polyposis coli 2 expression and promotes glioma cells proliferation. 2018 , 10, 1324-1336	13
366	miRNA and Other Non-Coding RNAs as Promising Diagnostic Markers. 2018 , 29, 221-226	22
365	Comparison of miRNA Profiles of Cord Blood Stem Cells in Identical and Fraternal Twins. 2019 , 21, 78-85	
364	microRNA-744 is downregulated in glioblastoma and inhibits the aggressive behaviors by directly targeting NOB1. 2018 , 8, 2238-2253	9
363	The regulatory network of nasopharyngeal carcinoma metastasis with a focus on EBV, lncRNAs and miRNAs. 2018 , 8, 2185-2209	15
362	Single nucleotide polymorphisms of let-7-related genes increase susceptibility to breast cancer. 2019 , 11, 1748-1759	6
361	MicroRNA-874 functions as a tumor suppressor in rhabdomyosarcoma by directly targeting GEFT. 2019 , 9, 668-681	8
360	The protective effect of bone marrow-derived mesenchymal stem cells in liver ischemia/reperfusion injury via down-regulation of miR-370. 2019 , 22, 683-689	3
359	MicroRNA-206 attenuates glioma cell proliferation, migration, and invasion by blocking the WNT/ β -catenin pathway via direct targeting of Frizzled 7 mRNA. 2019 , 11, 4584-4601	10
358	MicroRNA-940 inhibits glioma cells proliferation and cell cycle progression by targeting CKS1. 2019 , 11, 4851-4865	18
357	Expression of microRNA-514a-5p and its biological function in experimental pulmonary thromboembolism. 2019 , 11, 5514-5530	2
356	[Down-regulation of miR-205-5p enhances pro-apoptotic effect of 3-bromopyruvate on human nasopharyngeal carcinoma CNE2Z cells]. 2019 , 39, 1166-1172	
355	MicroRNA-26b-3p/ANTXR1 signaling modulates proliferation, migration, and apoptosis of glioma. 2019 , 11, 7568-7578	5
354	miR-181a and miR-203 inhibit migration and invasion of laryngeal carcinoma cells by interacting with ATF2. 2019 , 12, 133-141	3
353	The putative tumour suppressor microRNA-145, repressed by c-jun, modulates clear cell renal cell carcinoma aggressiveness by repressing ROCK1. 2018 , 11, 138-145	
352	Serum miR-342-3p is a novel diagnostic and prognostic biomarker for non-small cell lung cancer. 2018 , 11, 2742-2748	4
351	miR-196 acts as a tumor suppressor in osteosarcoma by targeting HOXA9. 2018 , 11, 4579-4584	3
350	rs10719 T>C is associated with lymph node metastasis and clinical stage of gastric cancer patients. 2017 , 10, 7333-7339	

- 349 MicroRNA-590-5p promotes cell survival in endometrioid endometrial cancer by suppressing tumor suppressor PTEN. **2017**, 10, 7836-7846 1
- 348 miR-874 inhibits metastasis-relevant traits via targeting SH2B adaptor protein 1 (SH2B1) in gastric cancer. **2017**, 10, 8577-8584 3
- 347 MicroRNA-451 dictates the anoikis resistance of osteosarcoma by targeting Rab14. **2017**, 10, 10989-10997 2
- 346 Downregulation of microRNA-375, combined with upregulation of its target gene Janus kinase 2, predicts unfavorable prognosis in patients with gastric cancer. **2017**, 10, 11106-11113 2
- 345 miR-138-5p acts as a tumor suppressor by targeting hTERT in human colorectal cancer. **2017**, 10, 11516-11525 8
- 344 Effects of microRNAs polymorphism in cancer progression. **2020**, 34, 3 5
- 343 [Expression and significance of microRNA-125b in tongue squamous cell carcinoma]. **2020**, 38, 11-16
- 342 MicroRNA-195 inhibits proliferation and metastasis in renal cell carcinoma via regulating HMGA1. **2020**, 12, 2781-2792 6
- 341 [Effects of microRNA-145 on epithelial-mesenchymal transition of TGF- β 1-induced human renal proximal tubular epithelial cells]. **2017**, 19, 712-718 1
- 340 Epigenetic mechanisms and the hallmarks of cancer: an intimate affair. **2020**, 10, 1954-1978 16
- 339 miR-638 acts as an oncogene and predicts poor prognosis in renal cell carcinoma. **2020**, 12, 3645-3659 1
- 338 Downregulation of Transmembrane protein 40 by miR-138-5p Suppresses Cell Proliferation and Mobility in Clear Cell Renal Cell Carcinoma. **2020**, 18, e2270 1
- 337 Circulating miR-134 is a potential biomarker for diagnosis and monitoring of major depressive disorder. **2020**, 13, 2082-2091
- 336 MicroRNA-7 regulates the proliferation and metastasis of human papillary carcinoma cells by targeting Bcl-2. **2020**, 12, 5772-5780 2
- 335 Effects and mechanism of microRNA-218 against lung cancer. **2021**, 23, 1
- 334 Long non-coding RNA AK001903 regulates tumor progression in cervical cancer. **2021**, 21, 77
- 333 Lung cancer: microRNA and target database. **2012**, 15, 429-34 3
- 332 The dual role of microRNA-9 in gastrointestinal cancers: oncomiR or tumor suppressor?. **2021**, 145, 112394 1

331	Hepatocellular carcinoma cell line-microenvironment induced cancer-associated phenotype, genotype and functionality in mesenchymal stem cells. 2021 , 288, 120168	2
330	Target-driven assembly of DNAzyme probes for simultaneous electrochemical detection of multiplex microRNAs.. 2021 ,	2
329	Identification and functional analysis of miRNAs in <i>N. benthamiana</i> in response to <i>A. longipes</i> infection. 2022 , 117, 101762	0
328	MicroRNA Cues from Nature: A Roadmap to Decipher and Combat Challenges in Human Health and Disease?. 2021 , 10,	2
327	Recent Progress in Nanomaterials Modified Electrochemical Biosensors for the Detection of MicroRNA. 2021 , 12,	20
326	Self-assembled RNA nanocarrier-mediated chemotherapy combined with molecular targeting in the treatment of esophageal squamous cell carcinoma. 2021 , 19, 388	3
325	Impact of Gene Polymorphisms on Pancreatic and Non-Small Cell Lung Cancer-Induced Cachexia in Adult Egyptian Patients: A Focus on Pathogenic Trajectories.. 2021 , 11, 783231	0
324	Epigenetic Regulation of miR-92a and TET2 and Their Association in Non-Hodgkin Lymphoma.. 2021 , 12, 768913	2
323	miR-125b Promotes Colorectal Cancer Migration and Invasion by Dual-Targeting CFTR and CGN. 2021 , 13,	3
322	Current Simultaneous Discrimination of Mismatched MicroRNAs Using Base-Flipping within the Hemolysin Latch. 2021 ,	0
321	Construction of miRNA-mRNA-TF Regulatory Network for Diagnosis of Gastric Cancer. 2021 , 2021, 9121478	2
320	MicroRNA-190b expression predicts a good prognosis and attenuates the malignant progression of pancreatic cancer by targeting MEF2C and TCF4. 2022 , 47,	0
319	Cancer-associated fibroblast-derived exosomal miR-18b promotes breast cancer invasion and metastasis by regulating TCEAL7. 2021 , 12, 1120	3
318	Tumor microenvironment based stimuli-responsive CRISPR/Cas delivery systems: A viable platform for interventional approaches. 2021 , 210, 112257	0
317	Non-coding RNAs: New players in mitophagy and neurodegeneration. 2021 , 152, 105253	1
316	Natural Products Targeting Cancer Stem Cells for Augmenting Cancer Therapeutics. 2021 , 22,	1
315	The miR-345-3p/PPP2CA signaling axis promotes proliferation and invasion of breast cancer cells.. 2021 ,	0
314	Molecular Analysis of the Involvements of lncRNA in Cancer Development. 2021 , 1-14	

- 313 Molecular Profiling and Minimal Residual Disease Monitoring in Multiple Myeloma Patients: A Literature Review. **2021**, 14, 436-443
- 312 MiR-195-3p is a Novel Prognostic Biomarker Associated with Immune Infiltrates of Lung Adenocarcinoma.. **2022**, 15, 191-203 1
- 311 Plasmonic-Based Biosensor for the Early Diagnosis of Prostate Cancer.. **2022**, 7, 2411-2418 1
- 310 MicroRNA expression signature and target prediction in familial and sporadic primary macronodular adrenal hyperplasia (PMAH).. **2022**, 22, 11 0
- 309 MiR-155 regulates mA level and cell progression by targeting FTO in clear cell renal cell carcinoma.. **2021**, 91, 110217 0
- 308 Effects and mechanism of microRNA-218 against lung cancer. **2020**, 23, 1-1 2
- 307 Long non-coding RNA AK001903 regulates tumor progression in cervical cancer. **2020**, 21, 77 0
- 306 MIMRDA: A Method Incorporating the miRNA and mRNA Expression Profiles for Predicting miRNA-Disease Associations to Identify Key miRNAs (microRNAs).. **2022**, 13, 825318 0
- 305 Applications of noncoding RNAs in brain cancer patients. **2022**, 17-64
- 304 Regular Intake of Green Tea Polyphenols Suppresses the Development of Nonmelanoma Skin Cancer through miR-29-Mediated Epigenetic Modifications.. **2022**, 11, 4
- 303 AM22, a novel synthetic microRNA, inhibits the proliferation of colorectal cancer cells by targeting core binding factor subunit β (CBFB).. **2022**, 1
- 302 A proposed Information-Based modality for the treatment of cancer.. **2021**, 211, 104587 0
- 301 Recent Progresses in Electrochemical DNA Biosensors for MicroRNA Detection. **2022**, 2, 18 2
- 300 The Role of Androgen Receptor and microRNA Interactions in Androgen-Dependent Diseases.. **2022**, 23, 1
- 299 Development and validation of a circulating microRNA panel for the early detection of breast cancer.. **2022**, 2
- 298 Swelling-induced upregulation of miR-141-3p inhibits hepatocyte proliferation.. **2022**, 4, 100440 0
- 297 Structure-Activity Relationships of Anti-microRNA Oligonucleotides Containing Cationic Guanidine-Modified Nucleic Acids.. **2022**, 0
- 296 Recent Advances in the Management of Hormone-Sensitive Oligometastatic Prostate Cancer.. **2022**, 14, 89-101 0

295	MiR-130b-3p promotes colorectal cancer progression by targeting CHD9.. 2022 , 1-17	0
294	Circulating miRNAs as biomarkers for noninvasive cancer diagnosis. 2022 , 71-112	1
293	Highly Sensitive Biosensing Applications of a Magnetically Immobilizable Covalent G-Quadruplex-Hemin DNAzyme Catalytic System.. 2022 ,	3
292	Antitumor Activities of Green Tea by Up-regulation of miR-181a Expression in LNCaP Cells Using 3D Cell Culture Model.. 2022 , 14, 89-94	
291	Core-shell "loading-type" nanomaterials towards: Simultaneous imaging analysis of glutathione and microRNA.. 2022 , 1196, 339551	0
290	Molecular Analysis of the Involvements of lncRNA in Cancer Development. 2022 , 2295-2308	
289	Construction of a Structure-Switchable Toehold Dumbbell Probe for Sensitive and Label-Free Measurement of MicroRNA in Cancer Cells and Tissues.. 2022 ,	3
288	Accelerated Digital Biodetection Using Magneto-plasmonic Nanoparticle-Coupled Photonic Resonator Absorption Microscopy.. 2022 ,	4
287	The Role of Circulating Biomarkers in Lung Cancer.. 2021 , 11, 801269	5
286	MicroRNA-506-3p inhibits ovarian cancer metastasis by down-regulating the expression of EZH2.. 2022 , 13, 943-950	
285	Prediction of potential miRNA-disease associations based on stacked autoencoder.. 2022 ,	3
284	The Function of circRNA-0047604 in Regulating the Tumor Suppressor Gene DACH1 in Breast Cancer.. 2022 , 2022, 6589651	0
283	Anti-seed PNAs targeting multiple oncomiRs for brain tumor therapy.	
282	Fine-tuning miR-21 expression and inhibition of EMT in breast cancer cells using aromatic-neomycin derivatives.. 2022 , 27, 685-698	0
281	Future Perspectives of Exosomal Payload of miRNAs in Lung Cancer. 2022 , 1-22	
280	TRmir: A Comprehensive Resource for Human Transcriptional Regulatory Information of MiRNAs.. 2022 , 13, 808950	
279	Germline biomarkers predict toxicity to anti-PD1/PDL1 checkpoint therapy.. 2022 , 10,	2
278	dbDEMC 3.0: Functional Exploration of Differentially Expressed miRNAs in Cancers of Human and Model Organisms.	1

277	Effects of Adipose-Derived Biogenic Nanoparticle-Associated microRNA-451a on Toll-like Receptor 4-Induced Cytokines.. 2021 , 14,	1
276	Role of MicroRNAs in the Development and Progression of the Four Medulloblastoma Subgroups.. 2021 , 13,	1
275	miR-204-5p inhibits cell proliferation and induces cell apoptosis in esophageal squamous cell carcinoma by regulating Nestin.. 2022 , 19, 472-483	1
274	Epigenetic mechanisms in paediatric brain tumours: regulators lose control.. 2022 ,	0
273	miRNome Profiling and Functional Analysis Reveal Involvement of hsa-miR-1246 in Colon Adenoma-Carcinoma Transition by Targeting and .. 2022 , 23,	1
272	In Situ Single-Molecule Imaging of MicroRNAs in Switchable Migrating Cells under Biomimetic Confinement.. 2022 ,	1
271	Mapping Research on miRNAs in Cancer: A Global Data Analysis and Bibliometric Profiling Analysis.. 2022 , 29, 66-80	
270	The Roles of microRNAs in Cancer Multidrug Resistance.. 2022 , 14,	1
269	MicroRNA Signatures in the Upper Urinary Tract Urothelial Carcinoma Scenario: Ready for the Game Changer?. 2022 , 23,	0
268	Apigenin inhibits growth of melanoma by suppressing miR-512-3p and promoting the G1 phase of cell cycle involving the p27 Kip1 protein.. 2022 , 477, 1569	2
267	Targetable Pathways in the Treatment of Retroperitoneal Liposarcoma.. 2022 , 14,	1
266	Solution structure of NPSL2, a regulatory element in the oncomiR-1 RNA.	
265	Rutin Promotes Pancreatic Cancer Cell Apoptosis by Upregulating miRNA-877-3p Expression.. 2022 , 27,	1
264	Circulating MicroRNAs as Quantitative Biomarkers for Diagnosis and Prognosis of Uveal Melanoma.. 2022 , 12, 854253	0
263	Computing microRNA-gene interaction networks in pan-cancer using miRDriver.. 2022 , 12, 3717	0
262	MicroRNA-138 Abates Fibroblast Motility With Effect on Invasion of Adjacent Cancer Cells.. 2022 , 12, 833582	0
261	MetastamiRs: The Role of MicroRNAs in the Metastatic Phenotype of Prostate Cancer.	
260	MicroRNAs are differentially expressed in the serum and renal tissues of cats with experimentally induced chronic kidney disease: a preliminary study.. 2022 , 1-8	1

- 259 Perfil de Expresión de MicroRNAs (miRNAs) en Pacientes con Cáncer de Vejiga en un Hospital de Tercer Nivel. **2021**, 9, 15-21
- 258 Evaluation of Expressed MicroRNAs as Prospective Biomarkers for Detection of Breast Cancer.. **2022**, 12, 1
- 257 Mir-25 Promotes Metastasis of Esophageal Cancer by Targeting BTG2.. **2022**, 1 0
- 256 miR-374c-5p regulates PTTG1 and inhibits cell growth and metastasis in hepatocellular carcinoma by regulating epithelial-mesenchymal transition.. **2022**, 25, 0
- 255 Understanding the Molecular Mechanisms of Betel miRNAs on Human Health.. **2022**,
- 254 Non-coding RNAs in the regulation of blood-brain barrier functions in central nervous system disorders.. **2022**, 19, 27 1
- 253 Promising Blood-Based Biomarkers for Melanoma: Recent Progress of Liquid Biopsy and Its Future Perspectives.. **2022**, 23, 562 2
- 252 MicroRNA as a Potential Therapeutic Molecule in Cancer.. **2022**, 11, 5
- 251 Distinct microRNA expression signatures of primary and secondary central nervous system lymphomas.. **2021**, 0
- 250 The Role of NcRNAs to Regulate Immune Checkpoints in Cancer.. **2022**, 13, 853480 1
- 249 The EGFR Signaling Modulates in Mesenchymal Stem Cells the Expression of miRNAs Involved in the Interaction with Breast Cancer Cells.. **2022**, 14,
- 248 C-Reactive Protein Trajectories and the Risk of All Cancer Types: A Prospective Cohort Study.. **2022**, 0
- 247 Comprehensive Analysis Identifies Ameloblastin-Related Competitive Endogenous RNA as a Prognostic Biomarker for Testicular Germ Cell Tumour.. **2022**, 14, 0
- 246 Non-enzymatic detection of miR-21 in cancer cells using a homogeneous mix-and-read smart probe assay.. **2022**, 114601
- 245 Self-assembled DNA/RNA nanospheres with cascade signal amplification for intracellular MicroRNA imaging. **2022**, 360, 131644 2
- 244 Simultaneous dual-targeted monitoring of breast cancer circulating miRNA via surface-enhanced Raman spectroscopy.. **2022**, 207, 114143 2
- 243 Recent Discoveries in Epigenetic Modifications of Polycystic Kidney Disease.. **2021**, 22, 0
- 242 Genetic architecture of microRNA expression and its link to complex diseases in the Japanese population.. **2021**, 0

- 241 Photocaged amplified FRET nanoflares: spatiotemporal controllable of mRNA-powered nanomachines for precise and sensitive microRNA imaging in live cells.. **2021**, 3
- 240 Detection of increased serum miR-122-5p and miR-455-3p levels before the clinical diagnosis of liver cancer in people with type 2 diabetes. **2021**, 11, 23756 4
- 239 Hippo Pathway in Regulating Drug Resistance of Glioblastoma.. **2021**, 22, 3
- 238 Genetic Variation in MicroRNA-423 Promotes Proliferation, Migration, Invasion, and Chemoresistance in Breast Cancer Cells.. **2021**, 23, 1
- 237 Identification of hub genes and construction of an mRNA-miRNA-lncRNA network of gastric carcinoma using integrated bioinformatics analysis.. **2021**, 16, e0261728 1
- 236 Cancer-Associated Fibroblasts Promote Migration and Invasion of Non-Small Cell Lung Cancer Cells miR-101-3p Mediated VEGFA Secretion and AKT/eNOS Pathway.. **2021**, 9, 764151 3
- 235 miR-335 Restrains the Aggressive Phenotypes of Ovarian Cancer Cells by Inhibiting COL11A1.. **2021**, 13, 2
- 234 hnRNP A1 and hnRNP C associate with miR-17 and miR-18 in thyroid cancer cells.. **2022**, 0
- 233 Noncoding RNA as Diagnostic and Prognostic Biomarkers in Cerebrovascular Disease.. **2022**, 2022, 8149701 0
- 232 Mean residence times of TF-TF and TF-miRNA toggle switches. **2022**, 47, 0
- 231 MicroRNA-21 as a Diagnostic and Prognostic Biomarker of Lung Cancer: A Systematic Review and Meta-Analysis.. **2022**, 0
- 230 THE ROLE OF MICRORNA-153 IN THE PATHOPHYSIOLOGY OF MALIGNANT PROSTATE TUMORS. **2022**, 3, 43-47 0
- 229 Natural Bioactive Compounds Targeting Histone Deacetylases in Human Cancers: Recent Updates.. **2022**, 27, 3
- 228 Sense and Validate: Fluorophore/Mass Dual-Encoded Nanoprobes for Fluorescence Imaging and MS Quantification of Intracellular Multiple MicroRNAs.. **2022**, 3
- 227 MicroRNA-218-5p affects lung adenocarcinoma progression through targeting endoplasmic reticulum oxidoreductase 1 alpha.. **2022**, 13, 10061-10070 2
- 226 Application of electrochemical biosensors for the detection of microRNAs (miRNAs) related to cancer. **2022**, 464, 214565 0
- 225 Data_Sheet_1.zip. **2020**, 0
- 224 Data_Sheet_1.pdf. **2020**, 0

223 Image_1.tif. **2019**,

222 Image_2.tif. **2019**,

221 Table_1.docx. **2019**,

220 Data_Sheet_1.docx. **2020**,

219 Table_1.xlsx. **2020**,

218 Table_2.xlsx. **2020**,

217 Data_Sheet_1.pdf. **2020**,

216 Table_1.docx. **2020**,

215 Data_Sheet_1.zip. **2020**,

214 Table_1.DOCX. **2018**,

213 Table_1.XLSX. **2020**,

212 Table_2.XLSX. **2020**,

211 Table_3.XLSX. **2020**,

210 Table_4.XLSX. **2020**,

209 Table_5.XLSX. **2020**,

208 Image_1.PDF. **2018**,

207 Data_Sheet_2.XLSX. **2018**,

206 Table_1.DOCX. **2018**,

205 Data_Sheet_1.PDF. **2020**,

204 Data_Sheet_2.PDF. **2020**,

203 Table_1.XLSX. **2020**,

202 Image_1.tif. **2020**,

201 DataSheet_1.docx. **2020**,

200 Image_2.tif. **2020**,

199 Table_1.xlsx. **2020**,

198 Image_3.tif. **2020**,

197 Image_4.tif. **2020**,

196 Table_2.xlsx. **2020**,

195 Table_3.xlsx. **2020**,

194 Image_5.tif. **2020**,

193 Table_1.xlsx. **2020**,

192 Table_2.docx. **2020**,

191 Image_1.JPEG. **2020**,

190 Image_2.JPEG. **2020**,

189 Image_3.JPEG. **2020**,

188 Table_1.docx. **2020**,

187 Data_Sheet_1.docx. **2019**,

186 Table_1.DOCX. **2019**,

185 Image_1.TIFF. **2018**,

184 Table_1.XLSX. **2018**,

183 Table_2.xlsx. **2018**,

182 Image_1.TIF. **2018**,

181 Image_2.TIF. **2018**,

180 The role and mechanism of noncoding RNAs in regulation of metabolic reprogramming in hepatocellular carcinoma.. **2022**,

0

179 Detection of Deregulated miRNAs in Childhood Epileptic Encephalopathies.. **2022**, 1

1

178 Downregulation of miR-599 predicts poor outcome in cervical cancer patients and promotes the progression of cervical cancer.. **2022**, 61, 249-254

0

177 Transcriptional and post-transcriptional regulation of checkpoint genes on the tumour side of the immunological synapse.. **2022**,

0

176 The Common miRNAs between Tuberculosis and Non-Small Cell Lung Cancer: A Critical Review.. **2021**, 20, 197-208

175 Micro-RNAs in Response to Active Forms of Vitamin D in Human Leukemia and Lymphoma Cells.. **2022**, 23,

1

174 Effects of obesity and acute resistance exercise on skeletal muscle angiogenic communication pathways.. **2022**,

173 A Target-Feedback Rolling-Cleavage Signal Amplifier for Ultrasensitive Electrochemical Detection of miRNA with Self-Assembled CeO₂@Ag Hybrid Nanoflowers. **2022**, 108152

0

172 MicroRNA Signature and Cellular Characterization of Undifferentiated and Differentiated House Ear Institute-Organ of Corti 1 (HEI-OC1) Cells.. **2022**, 1

2

171 CRISPR/Cas13a assisted amplification of magnetic relaxation switching sensing for accurate detection of miRNA-21 in human serum.. **2022**, 1209, 339853

2

170 Prognostic and Predictive Effects of Tumor and Plasma miR-200c-3p in Locally Advanced and Metastatic Breast Cancer. **2022**, 14, 2390

169	Label-Free miRNA-21 Analysis Based on Strand Displacement and Terminal Deoxynucleotidyl Transferase-Assisted Amplification Strategy. 2022 , 12, 328	0
168	MicroRNA Profile of Human Small Intestinal Tumors Compared to Colorectal Tumors.. 2022 , 11,	
167	Combined miR-486 and GP88 (Progranulin) Serum Levels Are Suggested as Supportive Biomarkers for Therapy Decision in Elderly Prostate Cancer Patients. 2022 , 12, 732	1
166	Circular RNA circLRCH3 Inhibits Proliferation, Migration, and Invasion of Colorectal Cancer Cells Through miRNA-223/LPP Axis. Volume 15, 541-554	
165	dbDEMC 3.0: Functional exploration of differentially expressed miRNAs in cancers of human and model organisms. 2022 ,	3
164	Carbon Electrodes with Gold Nanoparticles for the Electrochemical Detection of miRNA 21-5p. 2022 , 10, 189	1
163	Expression and Biological Functions of miRNAs in Chronic Pain: A Review on Human Studies. 2022 , 23, 6016	1
162	Diagnostic Value of Potential MicroRNAs in CRC: A Meta-Analysis. 2022 , 11,	
161	Hormonal and Genetic Regulatory Events in Breast Cancer and Its Therapeutics: Importance of the Steroidogenic Acute Regulatory Protein. 2022 , 10, 1313	0
160	Revisiting the miR-200 Family: A Clan of Five Siblings with Essential Roles in Development and Disease. 2022 , 12, 781	0
159	5'omiR-183-5p +2 elicits tumor suppressor activity in a negative feedback loop with E2F1. 2022 , 41,	
158	Circulating miR-627-5p and miR-199a-5p are promising diagnostic biomarkers of colorectal neoplasia. 2022 , 10, 5165-5184	1
157	Microrna-1224-5p Is a Potential Prognostic and Therapeutic Biomarker in Glioblastoma: Integrating Bioinformatics and Clinical Analyses. 2022 , 42, 584-596	0
156	MiRNA-Based Therapies for the Treatment of Inflammatory Bowel Disease: What Are We Still Missing?.	1
155	Cancer-Associated Fibroblasts Confer Gemcitabine Resistance to Pancreatic Cancer Cells through PTEN-Targeting miRNAs in Exosomes. 2022 , 14, 2812	3
154	MicroRNA-106b-5p (miR-106b-5p) suppresses the proliferation and metastasis of cervical cancer cells via down-regulating fibroblast growth factor 4 (FGF4) expression.	0
153	Long-term continuous monitoring of microRNA in living cells using modified gold nanoprobe.	
152	MiRNAs in renal cell carcinoma.	1

- 151 Solution structure of NPSL2, a regulatory element in the oncomiR-1 RNA. **2022**, 167688 o
- 150 PUMILIO competes with AUF1 to control DICER1 RNA levels and miRNA processing. o
- 149 Future Perspectives of Exosomal Payload of miRNAs in Lung Cancer. **2022**, 1-22
- 148 Chronic Lymphocytic Leukemia (CLL): evaluation of AKT protein kinase and microRNA gene expression related to disease pathogenesis. 58,
- 147 Pro-Angiogenic and Anti-Angiogenic Effects of Phytochemicals as Nutraceuticals. **2022**, 91-141
- 146 Comprehensive Identification of Human Cell Type Chromatin Activity-Specific and Cell Type Expression-Specific MicroRNAs. **2022**, 23, 7324
- 145 MicroRNAs influence and longevity. **2022**, 23,
- 144 Development of 5-FU-modified tumor suppressor microRNAs as a platform for novel microRNA-based cancer therapeutics.
- 143 DeepsmirUD: Precise prediction of regulatory effects on miRNA expression mediated by small molecular compounds using competing deep learning frameworks.
- 142 Oral Cancer Cells Release Vesicles that Cause Pain. 2200073 1
- 141 Non-Coding RNAs and Oral Cancer: Small Molecules With Big Functions. 12, o
- 140 MicroRNAs in Dystrophinopathy. **2022**, 23, 7785 2
- 139 PanomiR: A systems biology framework for analysis of multi-pathway targeting by miRNAs.
- 138 Mesenchymal Stem Cell-Derived Exosomal MiRNAs Promote M2 Macrophages Polarization: Therapeutic Opportunities for Spinal Cord Injury. 15, o
- 137 miRNA Signature in Early-stage Mycosis Fungoides.
- 136 A microfluidic-based SERS biosensor with multifunctional nanosurface immobilized nanoparticles for sensitive detection of MicroRNA. **2022**, 1221, 340139 1
- 135 Small biomarkers with massive impacts: PI3K/AKT/mTOR signalling and microRNA crosstalk regulate nasopharyngeal carcinoma. **2022**, 10, 2
- 134 MicroRNAs and Long Non-Coding RNAs in Adrenocortical Carcinoma. **2022**, 11, 2234 o

- 133 Target-Responsive Template Structure Switching-Mediated Exponential Rolling Circle Amplification for the Direct and Sensitive Detection of MicroRNA. 1
- 132 Differential Regulation Analysis Quantifies Mirna Regulatory Roles and Context-Specific Targets.
- 131 Exosomal MicroRNA Analyses in Esophageal Squamous Cell Carcinoma Cell Lines. **2022**, 11, 4426 0
- 130 Trading places: Peptide and small molecule alternatives to oligonucleotide-based modulation of microRNA expression. **2022**, 0
- 129 Circ_0008717 Sponges miR-326 to Elevate GATA6 Expression to Promote Breast Cancer Tumorigenicity.
- 128 Diagnosis Biomarkers of Cholangiocarcinoma in Human Bile: An Evidence-Based Study. **2022**, 14, 3921
- 127 miR-29b Regulates Lung Cancer Progression by Downregulating FEM1B and Inhibiting the FOXO1/AKT Pathway. **2022**, 2022, 1-14
- 126 Evaluation of miRNA-21 and CA-125 as a promising diagnostic biomarker in patients with ovarian cancer. **2022**, 23, 0
- 125 Distinct, opposing functions for CFIm59 and CFIm68 in mRNA alternative polyadenylation of Pten and in the PI3K/Akt signalling cascade. 2
- 124 Stimuli-responsive nanoformulations for CRISPR-Cas9 genome editing. **2022**, 20, 3
- 123 Editorial: The Impact of Micro RNA-320a Serum Level on Severity of Symptoms and Cerebral Processing of Pain in Patients with Fibromyalgia.
- 122 Delivery of Therapeutic miR-148b Mimic via Poly(α -Amino Ester) Polyplexes for Post-transcriptional Gene Regulation and Apoptosis of A549 Cells. **2022**, 38, 9833-9843 0
- 121 Development of 5-FU-modified tumor suppressor microRNAs as a platform for novel microRNA-based cancer therapeutics. **2022**, 0
- 120 Non-coding RNA in rhabdomyosarcoma progression and metastasis. 12, 1
- 119 LINC00665 affects the malignant biological behavior of ovarian cancer via the miR-148b-3p/KLF5. 1-14
- 118 Construction of a three-component regulatory network of transcribed ultraconserved regions for the identification of prognostic biomarkers in gastric cancer.
- 117 Neural stem cell-derived exosomes transfer miR-124-3p into cells to inhibit glioma growth by targeting FLOT2. **2022**, 61, 2
- 116 Exosome-driven liquid biopsy for breast cancer: Recent advances in isolation, biomarker identification and detection. **2022**, 1, 100006 0

- ¹¹⁵ Diagnostic kit based on halloysite nanoclay-ionic liquid nanocomposite modified electrode for electrochemical determination of cancer biomarker. **2023**, 252, 123854 2
- ¹¹⁴ Salivary gland tumors exhibit distinct miRNA signatures involved in Wnt/ β -Catenin signaling in formalin fixed paraffin embedded tissue samples. **2022**, 238, 154119 0
- ¹¹³ Noncoding RNAs in cataract formation: Star molecules emerge in an endless stream. **2022**, 184, 106417 1
- ¹¹² An overview of prostate cancer (PCa) diagnosis: Potential role of miRNAs. **2022**, 26, 101542 2
- ¹¹¹ Epigenetic Biomarkers. **2023**, 303-321 0
- ¹¹⁰ MicroRNAs and the immune system. **2022**, 279-305 0
- ¹⁰⁹ Global research trends in extracellular vesicles based on stem cells from 1991 to 2021: A bibliometric and visualized study. 10, 0
- ¹⁰⁸ miRNA therapeutics in precision oncology: a natural premium to nurture. 511-532 0
- ¹⁰⁷ Identification of Novel Multi-Omics Expression Landscapes and Meta-Analysis of Landscape-Based Competitive Endogenous RNA Networks in ALDH+ Lung Adenocarcinoma Stem Cells. **2022**, 2022, 1-20 0
- ¹⁰⁶ Current perspectives on clinical use of exosomes as novel biomarkers for cancer diagnosis. 12, 1
- ¹⁰⁵ Involvement of microRNAs and their potential diagnostic, therapeutic, and prognostic role in hepatocellular carcinoma. 1
- ¹⁰⁴ The Role of microRNAs in the Gonocyte Theory as Target of Malignancy: Looking for Potential Diagnostic Biomarkers. **2022**, 23, 10526 0
- ¹⁰³ Target-Triggered Formation of Artificial Enzymes on Filamentous Phage for Ultrasensitive Direct Detection of Circulating miRNA Biomarkers in Clinical Samples. 1
- ¹⁰² Integrative Bioinformatics Analysis Reveals That miR-524-5p/MEF2C Regulates Bone Metastasis in Prostate Cancer and Breast Cancer. **2022**, 2022, 1-13 0
- ¹⁰¹ Microarray data analysis to identify miRNA biomarkers and construct the lncRNA-miRNA-mRNA network in lung adenocarcinoma. **2022**, 101, e30393 0
- ¹⁰⁰ Metal-Organic Framework-Loaded Engineering DNAzyme for the Self-Powered Amplified Detection of MicroRNA. **2022**, 94, 13108-13116 1
- ⁹⁹ Emerging Roles of Noncoding RNAs in Bovine Mastitis Diseases. **2022**, 11, 1009 0
- ⁹⁸ The Role of miR-29 Family in TGF- β -Driven Fibrosis in Glaucomatous Optic Neuropathy. **2022**, 23, 10216 1

97	Target-Triggered Formation of Artificial Enzymes on Filamentous Phage for Ultrasensitive Direct Detection of Circulating miRNA Biomarkers in Clinical Samples.	1
96	Circ_0136666 aggravates osteosarcoma development through mediating miR-1244/CEP55 axis. 2022 , 17,	0
95	GRHPR, targeted by miR-138-5p, inhibits the proliferation and metastasis of hepatocellular carcinoma through PI3K/AKT signaling pathway.	0
94	miRNA: A Promising Therapeutic Target in Cancer. 2022 , 23, 11502	4
93	Evaluation of a microRNA-based Risk Classifier Predicting Cancer-Specific Survival in Renal Cell Carcinoma with Tumor Thrombus of the Inferior Vena Cava.	0
92	DNA walking system integrated with enzymatic cleavage reaction for sensitive surface plasmon resonance detection of miRNA. 2022 , 12,	1
91	SOX2 inhibits LLGL2 polarity protein in esophageal squamous cell carcinoma via miRNA-142-3p. 2022 , 23, 1-15	0
90	Hypothesis: can transfer of primary neoplasm-derived extracellular vesicles and mitochondria contribute to the development of donor cell-derived hematologic neoplasms after allogeneic hematopoietic cell transplantation?. 2022 ,	0
89	miR-497 and 219 in blood aid meningioma classification.	0
88	Genetic variants in miR-145 gene are associated with the risk of asthma in Taiwan. 2022 , 12,	0
87	AuNPs and 2D functional nanomaterial-assisted SPR development for the cancer detection: a critical review. 2022 , 13,	0
86	miR-223-3p Regulates NLRP3 to Inhibit Proliferation and Promote Apoptosis of ONG Cells. 2022 , 2022, 1-9	0
85	The clinical utility of dysregulated microRNA expression in paediatric solid tumours. 2022 , 176, 133-154	0
84	Role of hypoxia on microRNA-dependant regulation of HGFA [HGF]-Met signalling pathway in human progenitor and mature endothelial cells. 2022 , 152, 106310	0
83	Long noncoding RNA PPP1R14B-AS1 imitates microRNA-134-3p to facilitate breast cancer progression by upregulating LIM and SH3 protein 1. 2021 , 29, 251-262	0
82	Host miRNAs as biomarkers of SARS-CoV-2 infection: a critical review.	0
81	Metal sulfide nanoparticle-based dual barcode-triggered DNAzyme cascade for multiplex miRNA detection in a single assay.	0
80	MiR-23b-3p suppresses epithelial-mesenchymal transition, migration, and invasion of hepatocellular carcinoma cells by targeting c-MET. 2022 , 8, e11135	0

- 79 CircMED12L Protects Against Hydrogen Peroxide-induced Apoptotic and Oxidative Injury in Human Lens Epithelial Cells by miR-34a-5p/ALCAM axis. **2022**, 47, 1631-1640 ○
- 78 MicroRNA-92a-3p Regulates Retinal Angiogenesis by Targeting SGK3 in Vascular Endothelial Cells. **2022**, 63, 19 1
- 77 Induction of promyelocytic leukemia zinc finger protein by miR-200c-3p restores sensitivity to anti-androgen therapy in androgen-refractory prostate cancer and inhibits the cancer progression via down-regulation of integrin $\beta 4$. 1
- 76 A review of molecular and genetic factors for determining mild traumatic brain injury severity and recovery. **2022**, 100058 ○
- 75 The role of non-coding RNA in the diagnosis and treatment of Helicobacter pylori-related gastric cancer, with a focus on inflammation and immune response. 9, ○
- 74 Circulating MicroRNAs as Noninvasive Diagnostic and Prognostic Biomarkers in Pancreatic Cancer: A Review. ○
- 73 MicroRNAs and Male Infertility. ○
- 72 Role of microRNAs in tumor progression among Iranian population: An overview. **2022**, 34, 201120 ○
- 71 A microchip electrophoresis-assisted triple-cycle cascade chemiluminescence signal amplification strategy for the ultrasensitive detection of microRNA-141 in cells. **2023**, 253, 124011 ○
- 70 Micelles-based drug delivery for dementia. **2023**, 169-192 ○
- 69 Future Perspectives of Exosomal Payload of miRNAs in Lung Cancer. **2022**, 1367-1388 ○
- 68 Combating Drug Resistance by Exploiting miRNA200c-Controlled Phase II Detoxification. **2022**, 14, 5554 ○
- 67 SNP-Target Genes Interaction Perturbing the Cancer Risk in the Post-GWAS. **2022**, 14, 5636 1
- 66 A novel regulatory facet for hypertriglyceridemia: The role of microRNAs in the regulation of triglyceride-rich lipoprotein biosynthesis. **2022**, 101197 ○
- 65 Single-cell RNA-seq analysis to identify potential biomarkers for diagnosis, and prognosis of non-small cell lung cancer by using comprehensive bioinformatics approaches. **2023**, 27, 101571 1
- 64 The diagnostic, prognostic role and molecular mechanism of miR-328 in human cancer. **2023**, 157, 114031 ○
- 63 A duplex-specific nuclease (DSN) and catalytic hairpin assembly (CHA)-mediated dual amplification method for miR-146b detection. ○
- 62 Defining disease-related modules based on weighted miRNA synergistic network. **2023**, 152, 106382 ○

61	Dual nucleases-assisted cyclic amplification using polydopamine nanospheres-based biosensors for one-pot detection of microRNAs. 2023 , 222, 114957	2
60	Biomarkers of Response and Resistance to CDK4/6 Inhibitors in Breast Cancer: Hints from Liquid Biopsy and microRNA Exploration. 2022 , 23, 14534	0
59	Electrochemical analysis of microRNAs with hybridization chain reaction-based triple signal amplification. 2022 , 108012	0
58	Whole transcriptome sequencing and competitive endogenous RNA regulation network construction analysis in benzo[a]pyrene-treated breast cancer cells. 2022 , 160564	0
57	RGS16 regulated by let-7c-5p promotes glioma progression by activating PI3K-AKT pathway.	0
56	The microRNA Lifecycle in Health and Cancer. 2022 , 14, 5748	3
55	Toosendanin reduces cisplatin resistance in ovarian cancer through modulating the miR-195/ERK/ β -catenin pathway. 2022 , 154571	0
54	Proteome-Wide Identification of RNA-Dependent Proteins in Lung Cancer Cells. 2022 , 14, 6109	0
53	The role of miRNAs in cancer. 2022 ,	0
52	Intelligent nanotherapeutic strategies for the delivery of CRISPR system. 2022 ,	0
51	In Silico and In Vivo Evaluation of microRNA-181c-5p's Role in Hepatocellular Carcinoma. 2022 , 13, 2343	0
50	DCTGM: A Novel Dual-channel Transformer Graph Model for miRNA-disease Association Prediction.	0
49	Crosstalk between epigenetics and tumor promoting androgen signaling in prostate cancer. 2022 ,	0
48	Epigenetics in Cancer Biology. 2022 ,	0
47	Target-Catalyzed Self-Assembly of DNA-Streptavidin Nanogel for Enzyme-Free miRNA Assay. 2202076	0
46	Twist1-YY1-p300 complex promotes the malignant progression of HCC through activation of miR-9 by forming phase-separated condensates at super-enhancers and relieved by Metformin. 2023 , 106661	0
45	Preoperative serum microRNAs as potential prognostic biomarkers in ovarian clear cell carcinoma. 34,	0
44	MicroRNA-631 Resensitizes Doxorubicin-Resistant Chondrosarcoma Cells by Targeting Apelin. 2023 , 24, 839	1

- 43 Bioinspired Lipid Nanocarriers for RNA Delivery. o
- 42 Epigenetic adaptations in drug-tolerant tumor cells. **2023**, o
- 41 Characterizing microRNA editing and mutation sites in Autism Spectrum Disorder. 15, o
- 40 miRNAs as Epigenetic Cancer Biomarker. **2023**, 241-271 o
- 39 Gallbladder Cancer: Epigenetic Landscape, Targeted Therapy, and Prospect of Epitherapy. **2023**, 201-235 o
- 38 Electrochemical and Optical Detection of MicroRNAs as Biomarkers for Cancer Diagnosis. **2023**, 272-348 o
- 37 Integrated Microarray-Based Data Analysis of miRNA Expression Profiles: Identification of Novel Biomarkers of Cisplatin-Resistance in Testicular Germ Cell Tumours. **2023**, 24, 2495 o
- 36 Research Progress of miRNA in Gastric Cancer and Colorectal Cancer. **2023**, 13, 2866-2872 o
- 35 miRNAs as potential game-changers in melanoma: A comprehensive review. **2023**, 244, 154424 o
- 34 Targeting oncogenic functions of miR-301a in head and neck squamous cell carcinoma by PI3K/PTEN and MEK/ERK pathways. **2023**, 161, 114512 o
- 33 Multifunctional exosome-driven pancreatic cancer diagnostics and therapeutics. **2023**, 2, 100022 o
- 32 Advances in Peripheral Blood Biomarkers of Small Cell Lung Cancer. **2023**, 13, 492-500 o
- 31 MiR-6165 Dysregulation in Breast Cancer and Its Effect on Cell Proliferation and Migration. **2021**, 24, 439-453 o
- 30 The Roles of Epigenetic Regulation and the Tumor Microenvironment in the Mechanism of Resistance to Systemic Therapy in Hepatocellular Carcinoma. **2023**, 24, 2805 1
- 29 miRNAs in Herpesvirus Infection: Powerful Regulators in Small Packages. **2023**, 15, 429 o
- 28 The conserved microRNA -229 family controls low-insulin signaling and dietary restriction induced longevity through interactions with SKN -1/ NRF2. **2023**, 22, 1
- 27 The Emerging Role of Epigenetics in Metabolism and Endocrinology. **2023**, 12, 256 o
- 26 Construction of a three-component regulatory network of transcribed ultraconserved regions for the identification of prognostic biomarkers in gastric cancer. **2023**, 124, 396-408 o

- 25 Expression of miR-145 and miR-18b in Peripheral Blood Samples of Head and Neck Cancer Patients. ○
- 24 MicroRNAs as Quality Assessment Tool in Stored Packed Red Blood Cell in Blood Banks. Volume 14, 99-106 ○
- 23 Meta-analysis of the characteristic expression of circulating microRNA in type 2 diabetes mellitus with acute ischemic cerebrovascular disease. 14, ○
- 22 Detection of Large Genomic RNA via DNAzyme-Mediated RNA Cleavage and Rolling Circle Amplification: SARS-CoV-2 as a Model. ○
- 21 Differentially deregulated microRNAs contribute to ultraviolet radiation-induced photocarcinogenesis through immunomodulation: An-analysis of microRNAs expression profiling. ○
- 20 Using Attribution Sequence Alignment to Interpret Deep Learning Models for miRNA Binding Site Prediction. **2023**, 12, 369 ○
- 19 miR-34c-3p Regulates Protein Kinase A Activity Independent of cAMP by Dicing prkar2b Transcripts in Theileria annulata-Infected Leukocytes. **2023**, 8, ○
- 18 Amplification-Free, High-Throughput Nanoplasmonic Quantification of Circulating MicroRNAs in Unprocessed Plasma Microsamples for Earlier Pancreatic Cancer Detection. **2023**, 8, 1085-1100 ○
- 17 MiR-200/183 family-mediated module biomarker for gastric cancer progression: an AI-assisted bioinformatics method with experimental functional survey. **2023**, 21, ○
- 16 Epigenetic and genetic inactivation of tumor suppressor miR -135a in non-small-cell lung cancer. **2023**, 14, 1012-1020 ○
- 15 Exosome-Based Liquid Biopsy Approaches in Bone and Soft Tissue Sarcomas: Review of the Literature, Prospectives, and Hopes for Clinical Application. **2023**, 24, 5159 ○
- 14 MicroRNA as a Diagnostic Tool, Therapeutic Target and Potential Biomarker in Cutaneous Malignant Melanoma DetectionNarrative Review. **2023**, 24, 5386 1
- 13 Doxorubicin and Cisplatin Modulate miR-21, miR-106, miR-126, miR-155 and miR-199 Levels in MCF7, MDA-MB-231 and SK-BR-3 Cells That Makes Them Potential Elements of the DNA-Damaging Drug Treatment Response Monitoring in Breast Cancer CellsA Preliminary Study. **2023**, 14, 702 ○
- 12 Unique regulatory roles of ncRNAs changed by PM2.5 in human diseases. **2023**, 255, 114812 ○
- 11 Critical Evaluation of a microRNA-Based Risk Classifier Predicting Cancer-Specific Survival in Renal Cell Carcinoma with Tumor Thrombus of the Inferior Vena Cava. **2023**, 15, 1981 ○
- 10 Inhibition of miR-214 expression by small molecules alleviates head and neck cancer metastasis by targeting ALCAM/TFAP2 signaling. ○
- 9 Targeting B7-H3A Novel Strategy for the Design of Anticancer Agents for Extracranial Pediatric Solid Tumors Treatment. **2023**, 28, 3356 ○
- 8 Assessing the Role of MicroRNAs in Predicting Breast Cancer RecurrenceA Systematic Review. **2023**, 24, 7115 ○

- 7 Targeting miRNAs and Other Non-Coding RNAs as a Therapeutic Approach: An Update. **2023**, 9, 27 o
- 6 Transglutaminase-Polyethyleneimine Nanoflowers Mediated Cellular Delivery of Anti-miR-210 for Effective Glioblastoma Therapy. o
- 5 Cancer stem cells and the future of cancer therapy (Preprint). o
- 4 The landscape of exosomal non-coding RNAs in breast cancer drug resistance, focusing on underlying molecular mechanisms. 14, o
- 3 Photocleavable Ortho-Nitrobenzyl-Protected DNA Architectures and Their Applications. o
- 2 Long noncoding RNA HOTAIR promotes breast cancer development through the lncRNA HOTAIR/miR-1/GOLPH3 axis. o
- 1 Connecting the dots in the associations between diet, obesity, cancer, and microRNAs. **2023**, 93, 52-69 o