

CITATION REPORT

List of articles citing

MicroRNA dysregulation in cancer: diagnostics, monitoring and therapeutics. A comprehensive review

DOI: 10.1002/emmm.201100209

EMBO Molecular Medicine, 2012, 4, 143-59.

Source: <https://exaly.com/paper-pdf/54339101/citation-report.pdf>

Version: 2024-04-26

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

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

#	Paper	IF	Citations
1319	MicroRNAs and aneurysm formation. 2011 , 21, 172-7		33
1318	The role of microRNAs in breast cancer migration, invasion and metastasis. 2012 , 13, 13414-37		133
1317	Causes and consequences of microRNA dysregulation. 2012 , 18, 215-22		212
1316	Long non-coding RNAs involved in cancer development and cell fate determination. 2012 , 13, 1616-21		52
1315	Atheroprotective mechanisms of shear stress-regulated microRNAs. 2012 , 108, 616-20		57
1314	MicroRNA and cancer. 2012 , 6, 590-610		806
1313	Natural killer cell regulation by microRNAs in health and disease. 2012 , 2012, 632329		20
1312	Integrated miRNA, mRNA and protein expression analysis reveals the role of post-transcriptional regulation in controlling CHO cell growth rate. 2012 , 13, 656		68
1311	MiR-9, -31, and -182 deregulation promote proliferation and tumor cell survival in colon cancer. 2012 , 14, 868-79		117
1310	Applying next-generation sequencing to pancreatic cancer treatment. 2012 , 9, 477-86		37
1309	miR-17-5p targets the p300/CBP-associated factor and modulates androgen receptor transcriptional activity in cultured prostate cancer cells. 2012 , 12, 492		50
1308	EMT-activating transcription factors in cancer: beyond EMT and tumor invasiveness. 2012 , 69, 3429-56		369
1307	microRNA involvement in human cancer. 2012 , 33, 1126-33		451
1306	Regulation of epidermal growth factor receptor signaling and erlotinib sensitivity in head and neck cancer cells by miR-7. 2012 , 7, e47067		59
1305	Mechanistic insights into the role of microRNAs in cancer: influence of nutrient crosstalk. 2012 , 3, 305		32
1304	Expression, circulation, and excretion profile of microRNA-21, -155, and -18a following acute kidney injury. 2012 , 129, 256-67		150
1303	Diverse functions of miR-125 family in different cell contexts. 2013 , 6, 6		255

1302	Differential miRNA profile on photoaged primary human fibroblasts irradiated with ultraviolet A. 2013 , 34, 3491-500	17
1301	Regulation of miR-17-92a cluster processing by the microRNA binding protein SND1. 2013 , 587, 2405-11	19
1300	DNA damage activates a complex transcriptional response in murine lymphocytes that includes both physiological and cancer-predisposition programs. 2013 , 14, 163	9
1299	A review on the electrochemical biosensors for determination of microRNAs. 2013 , 115, 74-83	100
1298	miRNA in clinical practice: pancreatic cancer. 2013 , 46, 933-6	30
1297	Evidence based housekeeping gene selection for microRNA-sequencing (miRNA-seq) studies. 2013 , 2, 328	1
1296	Streptavidin-enhanced surface plasmon resonance biosensor for highly sensitive and specific detection of microRNA. 2013 , 180, 397-403	51
1295	MicroRNAs in mantle cell lymphoma. 2013 , 54, 1867-75	10
1294	MiR-190 leads to aggressive phenotype of neuroblastoma through indirect activation of TrkB pathway. 2013 , 80, 325-6	6
1293	MicroRNAs Involved in Anti-Tumour Immunity. 2013 , 14, 5587-607	11
1292	The role of microRNAs in breast cancer stem cells. 2013 , 14, 14712-23	61
1291	MicroRNAs in stem cell function and regenerative therapy of the heart. 2013 , 33, 1739-46	55
1290	Stable microRNA expression enhances therapeutic antibody productivity of Chinese hamster ovary cells. 2013 , 20, 157-66	59
1289	Involvement of microRNA-224 in cell proliferation, migration, invasion, and anti-apoptosis in hepatocellular carcinoma. 2013 , 28, 565-75	87
1288	Os(VI)bipy-based electrochemical assay for detection of specific microRNAs as potential cancer biomarkers. 2013 , 33, 55-58	36
1287	The diverse role of miR-31 in regulating cancer associated phenotypes. 2013 , 52, 1103-13	59
1286	Microbiota impact on the epigenetic regulation of colorectal cancer. 2013 , 19, 714-25	71
1285	MicroRNAs and the cancer phenotype: profiling, signatures and clinical implications. 2013 , 5, 111	124

1284	MiR-137 functions as a tumor suppressor in neuroblastoma by downregulating KDM1A. 2013 , 133, 1064-73	84
1283	Le d'istage du futur du cancer broncho-pulmonaire : perspectives et mythes. 2013 , 5, 572-580	0
1282	Advanced precancerous lesions within the GI tract: the molecular background. 2013 , 27, 159-69	34
1281	The functions of microRNAs and long non-coding RNAs in embryonic and induced pluripotent stem cells. 2013 , 11, 275-83	34
1280	MicroRNA changes associated with atypical CYP1A1 inducer BMS-764459. 2013 , 311, 169-77	3
1279	MicroRNA regulation of endothelial homeostasis and commitment-implications for vascular regeneration strategies using stem cell therapies. 2013 , 64, 52-60	12
1278	miR-17-5p/20a are important markers for gastric cancer and murine double minute 2 participates in their functional regulation. 2013 , 49, 2010-21	67
1277	Beyond microRNA--novel RNAs derived from small non-coding RNA and their implication in cancer. 2013 , 340, 201-11	133
1276	miRNA-145 targets v-ets erythroblastosis virus E26 oncogene homolog 1 to suppress the invasion, metastasis, and angiogenesis of gastric cancer cells. 2013 , 11, 182-93	74
1275	MicroRNAs as potential biomarkers in human solid tumors. 2013 , 329, 125-36	190
1274	MicroRNAs in age-related diseases. <i>EMBO Molecular Medicine</i> , 2013 , 5, 180-90	12 137
1273	Identification of serum microRNA profiles in colon cancer. 2013 , 108, 1712-9	66
1272	Targeting miR-21 for the therapy of pancreatic cancer. 2013 , 21, 986-94	164
1271	Aberrant microRNA expression in multiple myeloma. 2013 , 91, 95-105	37
1270	Association of birthdays with distant relapses of immune thrombocytopenia. 2013 , 80, 325	6
1269	miRNAs and cancer: an epigenetics view. 2013 , 34, 863-74	115
1268	Extension of microRNA expression pattern associated with high-risk neuroblastoma. 2013 , 34, 2315-9	15
1267	Genome-based cancer therapeutics: targets, kinase drug resistance and future strategies for precision oncology. 2013 , 13, 486-96	44

1266	Let-7g and miR-21 expression in non-small cell lung cancer: correlation with clinicopathological and molecular features. 2013 , 43, 765-74	48
1265	Current status of lung cancer screening. 2013 , 23, 129-40	7
1264	Transcriptome-wide identification and characterization of the <i>Procambarus clarkii</i> microRNAs potentially related to immunity against <i>Spiroplasma eriocheiris</i> infection. 2013 , 35, 607-17	38
1263	Therapeutic modulation of microRNAs. 2013 , 10, e127-e132	
1262	The role of microRNAs in cancers of the upper gastrointestinal tract. 2013 , 10, 109-18	79
1261	A miRNA signature associated with human metastatic medullary thyroid carcinoma. 2013 , 20, 809-23	69
1260	Personalizing oncology: perspectives and prospects. 2013 , 31, 1904-11	107
1259	miRNA-95 mediates radioresistance in tumors by targeting the sphingolipid phosphatase SGPP1. 2013 , 73, 6972-86	111
1258	MicroRNA-22 expression in hepatocellular carcinoma and its correlation with ezrin protein. 2013 , 41, 1009-16	17
1257	The tumor-suppressive miR-497-195 cluster targets multiple cell-cycle regulators in hepatocellular carcinoma. 2013 , 8, e60155	117
1256	Nanoparticles as Drug Delivery Systems in Cancer Medicine: Emphasis on RNAi-Containing Nanoliposomes. 2013 , 6, 1361-80	89
1255	WITHDRAWN: Inhibition of MicroRNA miR-92a Inhibits Cell Proliferation in Human Acute Promyelocytic Leukemia. 2013 , 30, 157-62	10
1254	MiR-124 targets Slug to regulate epithelial-mesenchymal transition and metastasis of breast cancer. 2013 , 34, 713-22	162
1253	MicroRNA aberrances in head and neck cancer: pathogenetic and clinical significance. 2013 , 21, 104-11	68
1252	Clinical relevance of miRNAs in cancer. 2013 , 42-62	
1251	Regulating angiogenesis with light-inducible AntimiRs. 2013 , 52, 13558-61	40
1250	MicroRNA-128 coordinately targets Polycomb Repressor Complexes in glioma stem cells. 2013 , 15, 1212-24	92
1249	Identification of plasma microRNAs as novel noninvasive biomarkers for early detection of lung cancer. 2013 , 22, 540-8	104

1248	Endocrine disruptors fludioxonil and fenhexamid stimulate miR-21 expression in breast cancer cells. 2013 , 131, 71-83	38
1247	Role of endothelial to mesenchymal transition in the pathogenesis of the vascular alterations in systemic sclerosis. 2013 , 2013, 835948	81
1246	There is a world beyond protein mutations: the role of non-coding RNAs in melanomagenesis. 2013 , 22, 303-6	4
1245	MicroRNAs and long non-coding RNAs: prospects in diagnostics and therapy of cancer. 2013 , 47, 311-8	63
1244	De-targeting by miR-143 decreases unwanted transgene expression in non-tumorigenic cells. 2013 , 20, 1104-9	9
1243	Enoxacin inhibits growth of prostate cancer cells and effectively restores microRNA processing. 2013 , 8, 548-58	39
1242	Genomic and epigenomic cross-talks in the regulatory landscape of miRNAs in breast cancer. 2013 , 11, 315-28	44
1241	Mitochondrial calcium uniporter, MiRNA and cancer: Live and let die. 2013 , 6, e23818	17
1240	The role of variations within microRNA in inflammatory bowel disease. 2013 , 25, 399-403	9
1239	Regulation der Angiogenese durch lichtinduzierbare AntimiRs. 2013 , 125, 13801-13805	16
1238	Regulatory non-coding RNAs in pluripotent stem cells. 2013 , 14, 14346-73	28
1237	MicroRNA Deregulations in Head and Neck Squamous Cell Carcinomas. 2013 , 4, e2	83
1236	MicroRNAs as tools to predict glucocorticoid response in inflammatory bowel diseases. 2013 , 19, 7947-54	25
1235	Current management options for recurrent adrenocortical carcinoma. 2013 , 6, 635-43	21
1234	The Interactions of microRNA and Epigenetic Modifications in Prostate Cancer. 2013 , 5, 998-1019	25
1233	Can microRNAs improve the management of lung cancer patients? A clinician's perspective. 2013 , 3, 953-63	17
1232	MicroRNA dysregulation in B-cell non-Hodgkin lymphoma. 2013 , 25	
1231	microRNA-9 suppresses the proliferation, invasion and metastasis of gastric cancer cells through targeting cyclin D1 and Ets1. 2013 , 8, e55719	115

1230	Identification of sensitive serum microRNA biomarkers for radiation biodosimetry. 2013 , 8, e57603	91
1229	Global profiling in vestibular schwannomas shows critical deregulation of microRNAs and upregulation in those included in chromosomal region 14q32. 2013 , 8, e65868	25
1228	cMyc/miR-125b-5p signalling determines sensitivity to bortezomib in preclinical model of cutaneous T-cell lymphomas. 2013 , 8, e59390	40
1227	MicroRNA regulation of natural killer cells. 2013 , 4, 44	39
1226	MicroRNAs in Head and Neck Cancer. 2013 , 2013, 650218	36
1225	Non coding RNA in muscle differentiation and disease. 2013 , 2, 91-101	1
1224	MicroRNAs as cancer biomarkers. 2013 , 2, 102-17	11
1223	MicroRNA-143 inhibits migration and invasion of human non-small-cell lung cancer and its relative mechanism. 2013 , 9, 680-92	56
1222	microRNA: New Players in Metastatic Process. 2013 ,	2
1221	DNA Repair and Resistance to Cancer Therapy. 2013 ,	2
1220	From the Genetic Make-Up to the Molecular Signature of Non-Coding RNA in Breast Cancer. 2014 , 129-154	
1219	DNA methylation, microRNAs, and their crosstalk as potential biomarkers in hepatocellular carcinoma. 2014 , 20, 7894-913	58
1218	Increased microRNA-630 expression in gastric cancer is associated with poor overall survival. 2014 , 9, e90526	39
1217	MiR-124 Radiosensitizes human colorectal cancer cells by targeting PRRX1. 2014 , 9, e93917	74
1216	Phenotypic characterization of miR-92a ^{-/-} mice reveals an important function of miR-92a in skeletal development. 2014 , 9, e101153	20
1215	Prognostic value of miR-21 in various cancers: an updating meta-analysis. 2014 , 9, e102413	47
1214	A mouse strain defective in both T cells and NK cells has enhanced sensitivity to tumor induction by plasmid DNA expressing both activated H-Ras and c-Myc. 2014 , 9, e108926	3
1213	Neural network cascade optimizes microRNA biomarker selection for nasopharyngeal cancer prognosis. 2014 , 9, e110537	19

1212	Association between a variant in microRNA-646 and the susceptibility to hepatocellular carcinoma in a large-scale population. 2014 , 2014, 312704	10
1211	MicroRNAs in colorectal cancer as markers and targets: Recent advances. 2014 , 20, 4288-99	40
1210	MiR-519d represses ovarian cancer cell proliferation and enhances cisplatin-mediated cytotoxicity in vitro by targeting XIAP. 2014 , 7, 587-97	45
1209	Epithelial-mesenchymal transition transcription factors and miRNAs: "Plastic surgeons" of breast cancer. 2014 , 5, 311-22	41
1208	A Bayesian Framework to Improve MicroRNA Target Prediction by Incorporating External Information. 2014 , 13, 19-25	4
1207	. 2014 ,	1
1206	MicroRNA 520d-3p inhibits gastric cancer cell proliferation, migration, and invasion by downregulating EphA2 expression. 2014 , 396, 295-305	35
1205	MicroRNA-141 and microRNA-146b-5p inhibit the prometastatic mesenchymal characteristics through the RNA-binding protein AUF1 targeting the transcription factor ZEB1 and the protein kinase AKT. 2014 , 289, 31433-47	47
1204	Smoking status impacts microRNA mediated prognosis and lung adenocarcinoma biology. 2014 , 14, 778	34
1203	MicroRNA-630 is a prognostic marker for patients with colorectal cancer. 2014 , 35, 9787-92	23
1202	The role of epigenetics in the biology of multiple myeloma. 2014 , 4, e207	83
1201	Affinity biosensors for tumor-marker analysis. 2014 , 6, 3417-35	22
1200	Critical role of miR-10b in transforming growth factor- β -induced epithelial-mesenchymal transition in breast cancer. 2014 , 21, 60-7	78
1199	microRNA levels in paraffin-embedded indolent B-cell non-Hodgkin lymphoma tissues from patients chronically infected with hepatitis B or C virus. 2014 , 14 Suppl 5, S6	9
1198	Chronic arsenic exposure and angiogenesis in human bronchial epithelial cells via the ROS/miR-199a-5p/HIF-1 α /COX-2 pathway. 2014 , 122, 255-61	74
1197	STAT3 Activity and Function in Cancer: Modulation by STAT5 and miR-146b. 2014 , 6, 958-68	21
1196	Long non-coding RNA HOTAIR promotes cell migration and invasion via down-regulation of RNA binding motif protein 38 in hepatocellular carcinoma cells. 2014 , 15, 4060-76	128
1195	The impact of extracellular vesicle-encapsulated circulating microRNAs in lung cancer research. 2014 , 2014, 486413	41

1194	MicroRNAs (miRNAs) as biomarker(s) for prognosis and diagnosis of gastrointestinal (GI) cancers. 2014 , 20, 5287-97	57
1193	Clinical Implications of miRNAs in Human Diseases. 2014 , 75-97	
1192	Design of nanodrugs for miRNA targeting in tumor cells. 2014 , 10, 1114-22	18
1191	The RNA-binding protein DDX1 promotes primary microRNA maturation and inhibits ovarian tumor progression. 2014 , 8, 1447-60	71
1190	miR149 functions as a tumor suppressor by controlling breast epithelial cell migration and invasion. 2014 , 74, 5256-65	63
1189	MiR-200a regulates epithelial to mesenchymal transition-related gene expression and determines prognosis in colorectal cancer patients. 2014 , 110, 1614-21	92
1188	MicroRNA-590 promotes cervical cancer cell growth and invasion by targeting CHL1. 2014 , 115, 847-53	74
1187	Nano-Oncologicals. 2014 ,	4
1186	MicroRNAs as oncogenes or tumour suppressors in oesophageal cancer: potential biomarkers and therapeutic targets. 2014 , 47, 277-86	71
1185	Similarly up-regulated microRNA-106a in matched formalin-fixed paraffin-embedded and fresh frozen samples and the dynamic changes during gastric carcinogenesis and development. 2014 , 210, 909-15	14
1184	MKK7 mediates miR-493-dependent suppression of liver metastasis of colon cancer cells. 2014 , 105, 425-30	38
1183	Epigenetics and Biomarkers in Lung Cancer: Emerging Blood-Based Molecular Biomarkers for Detection and Monitoring. 2014 , 1-16	
1182	MicroRNA-940 suppresses prostate cancer migration and invasion by regulating MIEN1. 2014 , 13, 250	68
1181	miRNA Based Pathway Analysis Tool in Nephroblastoma as a Proof of Principle for other Cancer Domains. 2014 ,	1
1180	MiR-138 downregulates miRNA processing in HeLa cells by targeting RMND5A and decreasing Exportin-5 stability. 2014 , 42, 458-74	36
1179	miR-181a is associated with poor clinical outcome in patients with colorectal cancer treated with EGFR inhibitor. 2014 , 67, 198-203	76
1178	MicroRNA and Drug Delivery. 2014 , 359-403	
1177	An Introspective Update on the Influence of miRNAs in Breast Carcinoma and Neuroblastoma Chemoresistance. 2014 , 2014, 743050	7

1176	Epigenetic Mechanisms of Colon Cancer Prevention: What Can Nutrition Do?. 2014 , 401-426	
1175	The role of miRNAs in cancer: from pathogenesis to therapeutic implications. 2014 , 10, 1027-48	52
1174	MicroRNA-19a-3p inhibits breast cancer progression and metastasis by inducing macrophage polarization through downregulated expression of Fra-1 proto-oncogene. 2014 , 33, 3014-23	123
1173	Noncoding RNAs in DNA repair and genome integrity. 2014 , 20, 655-77	34
1172	Prognostic role of microRNA-100 in various carcinomas: evidence from six studies. 2014 , 35, 3067-71	11
1171	A TALEN-based strategy for efficient bi-allelic miRNA ablation in human cells. 2014 , 20, 948-55	14
1170	MicroRNAs in the development and pathobiology of uterine leiomyomata: does evidence support future strategies for clinical intervention?. 2014 , 20, 670-87	25
1169	Evolution of the cancer stem cell model. 2014 , 14, 275-91	1462
1168	Positive prognostic impact of miR-210 in non-small cell lung cancer. 2014 , 83, 272-8	47
1167	miR-494 acts as an anti-oncogene in gastric carcinoma by targeting c-myc. 2014 , 29, 1427-34	48
1166	Epigenetic regulation of microRNA-128a expression contributes to the apoptosis-resistance of human T-cell leukaemia jurkat cells by modulating expression of fas-associated protein with death domain (FADD). 2014 , 1843, 590-602	33
1165	Hypoxia and Cancer. 2014 ,	4
1164	Diazirine-containing RNA photo-cross-linking probes for capturing microRNA targets. 2014 , 79, 2463-72	36
1163	miRNA Expression and Functions in Glioma and Glioma Stem Cells. 2014 , 29-49	
1162	Emerging Roles of Non-Coding RNAs in the Hypoxic Response. 2014 , 43-64	2
1161	Small noncoding RNAs in cells transformed by human T-cell leukemia virus type 1: a role for a tRNA fragment as a primer for reverse transcriptase. 2014 , 88, 3612-22	76
1160	Clinical utility of a plasma-based miRNA signature classifier within computed tomography lung cancer screening: a correlative MILD trial study. 2014 , 32, 768-73	290
1159	Hypoxia-regulated gene network in drug resistance and cancer progression. 2014 , 239, 779-792	34

1158	MicroRNA in Development and in the Progression of Cancer. 2014,	6
1157	MicroRNA Targeted Cancer Therapy. 2014,	1
1156	Isolation of circulating microRNAs from microvesicles found in human plasma. 2014, 1102, 641-53	26
1155	miR-26a enhances miRNA biogenesis by targeting Lin28B and Zcchc11 to suppress tumor growth and metastasis. 2014, 33, 4296-306	87
1154	Cardiomyogenesis is controlled by the miR-99a/let-7c cluster and epigenetic modifications. 2014, 12, 323-37	49
1153	miR-210: fine-tuning the hypoxic response. 2014, 772, 205-27	77
1152	Tumor microenvironment and cellular stress: signaling, metabolism, imaging, and therapeutic targets. Preface. 2014, 772, v-viii	22
1151	Non-coding RNAs and Cancer. 2014,	6
1150	TNF- α alters the release and transfer of microparticle-encapsulated miRNAs from endothelial cells. 2014, 46, 833-40	55
1149	A pilot study to develop a diagnostic test for pancreatic ductal adenocarcinoma based on differential expression of select miRNA in plasma and bile. 2014, 109, 1942-52	80
1148	MicroRNAs 206 and 21 cooperate to promote RAS-extracellular signal-regulated kinase signaling by suppressing the translation of RASA1 and SPRED1. 2014, 34, 4143-64	48
1147	MiR-29c mediates epithelial-to-mesenchymal transition in human colorectal carcinoma metastasis via PTP4A and GNA13 regulation of β -catenin signaling. 2014, 25, 2196-2204	77
1146	MicroRNAs: Key Regulators of Oncogenesis. 2014,	10
1145	Understanding the effect of locked nucleic acid and 2'-O-methyl modification on the hybridization thermodynamics of a miRNA-mRNA pair in the presence and absence of AfPwi protein. 2014, 53, 1607-15	22
1144	miRNAs in tumor radiation response: bystanders or participants?. 2014, 20, 529-39	35
1143	MicroRNA-148a suppresses the epithelial-mesenchymal transition and metastasis of hepatoma cells by targeting Met/Snail signaling. 2014, 33, 4069-76	131
1142	DNA methylation and microRNA biomarkers for noninvasive detection of gastric and colorectal cancer. 2014, 455, 43-57	120
1141	The microRNA-23b/27b/24 cluster promotes breast cancer lung metastasis by targeting metastasis-suppressive gene prosaposin. 2014, 289, 21888-95	52

1140	Molecular heterogeneity of glioblastoma and its clinical relevance. 2014 , 20, 777-87	54
1139	Therapeutic targeting of microRNAs: current status and future challenges. 2014 , 13, 622-38	712
1138	Can Circulating MicroRNAs Become the Test of Choice for Colorectal Cancer?. 2014 , 10, 403-410	4
1137	Targeting estrogen-related receptor alpha inhibits epithelial-to-mesenchymal transition and stem cell properties of ovarian cancer cells. 2014 , 22, 743-51	47
1136	miR-125b controls apoptosis and temozolomide resistance by targeting TNFAIP3 and NKIRAS2 in glioblastomas. 2014 , 5, e1279	53
1135	MicroRNA-26a regulates glucose metabolism by direct targeting PDHX in colorectal cancer cells. 2014 , 14, 443	80
1134	Development and antitumor activity of a BCL-2 targeted single-stranded DNA oligonucleotide. 2014 , 74, 151-66	15
1133	The emerging role of microRNAs and nutrition in modulating health and disease. 2014 , 34, 305-36	94
1132	MicroRNAs: short non-coding players in cancer chemoresistance. 2014 , 2, 16	29
1131	Regulatory feedback loop between T3 and microRNAs in renal cancer. 2014 , 384, 61-70	15
1130	MicroRNA-148b expression is decreased in hepatocellular carcinoma and associated with prognosis. 2014 , 31, 984	44
1129	MicroRNAs in hematopoietic development. 2014 , 15, 14	50
1128	Detection of microRNA in tumor cells using exonuclease III and graphene oxide-regulated signal amplification. 2014 , 6, 21780-7	42
1127	miRNA-302b suppresses human hepatocellular carcinoma by targeting AKT2. 2014 , 12, 190-202	47
1126	Using high-throughput transcriptomic data for prognosis: a critical overview and perspectives. 2014 , 74, 4612-21	38
1125	Multifunctional aptamer-miRNA conjugates for targeted cancer therapy. 2014 , 22, 1151-1163	134
1124	miR-155 drives telomere fragility in human breast cancer by targeting TRF1. 2014 , 74, 4145-56	94
1123	Detection of miRNA expression in intact cells using activatable sensor oligonucleotides. 2014 , 21, 199-204	17

1122	Hypoxia-induced tumor malignancy and drug resistance: Role of microRNAs. 2014 , 6, 1-11	13
1121	Reduced circulating miR-196b levels is associated with preeclampsia. 2014 , 4, 11-3	7
1120	HypoxamiRs and cancer: from biology to targeted therapy. 2014 , 21, 1220-38	74
1119	Molecular mechanisms and physiology of disease. 2014 ,	
1118	MicroRNA-124 controls the proliferative, migratory, and inflammatory phenotype of pulmonary vascular fibroblasts. 2014 , 114, 67-78	138
1117	MicroRNAs: history, biogenesis, and their evolving role in animal development and disease. 2014 , 51, 759-74	265
1116	Intercellular communication by extracellular vesicles and their microRNAs in asthma. 2014 , 36, 873-81	63
1115	MicroRNA-224 upregulation and AKT activation synergistically predict poor prognosis in patients with hepatocellular carcinoma. 2014 , 38, 408-13	30
1114	MicroRNAs regulate both epithelial-to-mesenchymal transition and cancer stem cells. 2014 , 33, 269-78	83
1113	Translation factors and ribosomal proteins control tumor onset and progression: how?. 2014 , 33, 2145-56	62
1112	The role of microRNAs in the regulation of cancer stem cells. 2014 , 4, 295	112
1111	Role of microRNA in response to ionizing radiations: evidences and potential impact on clinical practice for radiotherapy. 2014 , 19, 5379-401	52
1110	Regulation of miRNA processing and miRNA mediated gene repression in cancer. 2014 , 3, 10-7	35
1109	MicroRNA-223 functions as an oncogene in human colorectal cancer cells. 2014 , 32, 115-20	39
1108	Suppression of scinderin modulates epithelial-mesenchymal transition markers in highly metastatic gastric cancer cell line SGC-7901. 2014 , 10, 2327-33	12
1107	miRNA-mRNA integrative analysis in primary myelofibrosis CD34+ cells: role of miR-155/JARID2 axis in abnormal megakaryopoiesis. 2014 , 124, e21-32	89
1106	MicroRNA-301b promotes cell invasiveness through targeting TP63 in pancreatic carcinoma cells. 2014 , 44, 725-34	44
1105	Network-constrained group lasso for high-dimensional multinomial classification with application to cancer subtype prediction. 2014 , 13, 25-33	9

1104	Polymorphisms of the pri-miR-34b/c promoter and TP53 codon 72 are associated with risk of colorectal cancer. 2014 , 31, 995-1002	42
1103	MYCN and MicroRNAs. 35-46	
1102	MiR-34a deficiency accelerates medulloblastoma formation in vivo. 2015 , 136, 2293-303	32
1101	MicroRNA-155 deficiency enhances the recruitment and functions of myeloid-derived suppressor cells in tumor microenvironment and promotes solid tumor growth. 2015 , 136, E602-13	79
1100	MicroRNA-33a inhibits lung cancer cell proliferation and invasion by regulating the expression of Eatenin. 2015 , 11, 3647-51	23
1099	miR-378a-3p modulates tamoxifen sensitivity in breast cancer MCF-7 cells through targeting GOLT1A. 2015 , 5, 13170	57
1098	Downregulation of microRNA-21 enhances radiosensitivity in nasopharyngeal carcinoma. 2015 , 9, 2185-2189	17
1097	MicroRNA-574-3p, identified by microRNA library-based functional screening, modulates tamoxifen response in breast cancer. 2015 , 5, 7641	45
1096	miR-19b regulates hTERT mRNA expression through targeting PITX1 mRNA in melanoma cells. 2015 , 5, 8201	49
1095	MicroRNA-29a Promotes Pancreatic Cancer Growth by Inhibiting Tristetraprolin. 2015 , 37, 707-18	39
1094	MicroRNA-125b promotes tumor metastasis through targeting tumor protein 53-induced nuclear protein 1 in patients with non-small-cell lung cancer. 2015 , 15, 84	34
1093	MiR-221 as a pre- and postoperative plasma biomarker for larynx cancer patients. 2015 , 125, E377-81	23
1092	Schneller, amplifikationsfreier und sensitiver diagnostischer Test zur Einzelschritt-Multiplexfluoreszenzdetektion von MicroRNA. 2015 , 127, 10162-10167	1
1091	MiR-449a suppresses the epithelial-mesenchymal transition and metastasis of hepatocellular carcinoma by multiple targets. 2015 , 15, 706	44
1090	Integrating genetics and epigenetics in breast cancer: biological insights, experimental, computational methods and therapeutic potential. 2015 , 9, 62	34
1089	miR-449a targets Flot2 and inhibits gastric cancer invasion by inhibiting TGF- β -mediated EMT. 2015 , 10, 202	27
1088	miR-205 promotes proliferation and invasion of laryngeal squamous cell carcinoma by suppressing CDK2AP1 expression. 2015 , 48, 60	24
1087	Proteomic screening and identification of microRNA-128 targets in glioma cells. 2015 , 15, 2602-17	4

1086	Overexpression of miR-199b-5p inhibits Ewing's sarcoma cell lines by targeting CCNL1. 2015 , 12, 3359-3364	11
1085	A New Role for an Old Drug: Metformin Targets MicroRNAs in Treating Diabetes and Cancer. 2015 , 76, 263-9	29
1084	MicroRNA-Based Therapeutic Strategies for Targeting Mutant and Wild Type RAS in Cancer. 2015 , 76, 328-42	8
1083	A Rapid, Amplification-Free, and Sensitive Diagnostic Assay for Single-Step Multiplexed Fluorescence Detection of MicroRNA. 2015 , 54, 10024-9	146
1082	Mechanism and regulation of epithelial–mesenchymal transition in cancer. 2015 , 155	6
1081	MicroRNA-7 as a tumor suppressor and novel therapeutic for adrenocortical carcinoma. 2015 , 6, 36675-88	62
1080	New perspectives in diagnosis of gynaecological cancers: Emerging role of circulating microRNAs as novel biomarkers. 2015 , 62, 509-20	15
1079	Environmental Contaminants and Their Relationship to the Epigenome. 2015 , 285-312	
1078	miR-199a and miR-497 Are Associated with Better Overall Survival due to Increased Chemosensitivity in Diffuse Large B-Cell Lymphoma Patients. 2015 , 16, 18077-95	46
1077	MicroRNAs: Emerging Novel Clinical Biomarkers for Hepatocellular Carcinomas. 2015 , 4, 1631-50	47
1076	MicroRNA Library-Based Functional Screening Identified Androgen-Sensitive miR-216a as a Player in Bicalutamide Resistance in Prostate Cancer. 2015 , 4, 1853-65	13
1075	The Role of MicroRNAs in Kidney Disease. 2015 , 1, 192-221	15
1074	Small RNA Sequencing Uncovers New miRNAs and moRNAs Differentially Expressed in Normal and Primary Myelofibrosis CD34+ Cells. 2015 , 10, e0140445	19
1073	Bioregulatory systems medicine: an innovative approach to integrating the science of molecular networks, inflammation, and systems biology with the patient's autoregulatory capacity?. 2015 , 6, 225	21
1072	Circulating MiR-16-5p and MiR-19b-3p as Two Novel Potential Biomarkers to Indicate Progression of Gastric Cancer. 2015 , 5, 733-45	110
1071	Microvascular invasion in hepatocellular carcinoma overexpression promotes cell proliferation and inhibits cell apoptosis of hepatocellular carcinoma via inhibiting miR-199a expression. 2015 , 8, 2303-10	29
1070	Oncogenic MicroRNAs: Key Players in Malignant Transformation. 2015 , 7, 2466-85	89
1069	Aptamer-mediated cancer gene therapy. 2015 , 15, 109-19	14

1068	MicroRNA-143/-145 in Cardiovascular Diseases. 2015 , 2015, 531740	62
1067	Prognostic Role of MicroRNA-126 for Survival in Malignant Tumors: A Systematic Review and Meta-Analysis. 2015 , 2015, 739469	8
1066	Genome-wide DNA methylome analysis reveals epigenetically dysregulated non-coding RNAs in human breast cancer. 2015 , 5, 8790	48
1065	MicroRNA-375 plays a dual role in prostate carcinogenesis. 2015 , 7, 42	65
1064	The Roles of MicroRNAs in Breast Cancer. 2015 , 7, 598-616	100
1063	Translational biomarkers of acetaminophen-induced acute liver injury. 2015 , 89, 1497-522	43
1062	Interplay between microRNAs and WNT/ β -catenin signalling pathway regulates epithelial-mesenchymal transition in cancer. 2015 , 51, 1638-49	177
1061	Therapeutic Targeting of microRNAs in Cancer: Future Perspectives. 2015 , 76, 382-8	49
1060	microRNA: Cancer. 2015 ,	1
1059	Intercellular Communication in Cancer. 2015 ,	1
1058	Insights into the Role of microRNAs in Pancreatic Cancer Pathogenesis: Potential for Diagnosis, Prognosis, and Therapy. 2015 , 889, 71-87	36
1057	MicroRNA-203 induces apoptosis by upregulating Puma expression in colon and lung cancer cells. 2015 , 47, 1981-8	18
1056	miR-26b is downregulated in human tongue squamous cell carcinoma and regulates cell proliferation and metastasis through a COX-2-dependent mechanism. 2015 , 33, 974-80	35
1055	miR-375 inhibits cell growth and correlates with clinical outcomes in tongue squamous cell carcinoma. 2015 , 33, 2061-71	16
1054	MicroRNA-153 functions as a tumor suppressor by targeting SET7 and ZEB2 in ovarian cancer cells. 2015 , 34, 111-20	32
1053	Epithelial-mesenchymal transition-associated microRNAs in colorectal cancer and drug-targeted therapies (Review). 2015 , 33, 515-25	23
1052	Downregulation of microRNA-1 and microRNA-145 contributes synergistically to the development of colon cancer. 2015 , 36, 1630-8	19
1051	Function and clinical potential of microRNAs in hepatocellular carcinoma. 2015 , 10, 3345-3353	22

1050	MicroRNA-421 is a new potential diagnosis biomarker with higher sensitivity and specificity than carcinoembryonic antigen and cancer antigen 125 in gastric cancer. 2015 , 20, 58-63	43
1049	Differentially regulated miRNAs as prognostic biomarkers in the blood of primary CNS lymphoma patients. 2015 , 51, 382-90	26
1048	Over-expression of cofilin-1 suppressed growth and invasion of cancer cells is associated with up-regulation of let-7 microRNA. 2015 , 1852, 851-61	30
1047	MicroRNA and targeted mRNA expression profiling analysis in human colorectal adenomas and adenocarcinomas. 2015 , 51, 409-20	48
1046	Functional significance of aberrantly expressed microRNAs in prostate cancer. 2015 , 22, 242-52	79
1045	Direct identification of human cellular microRNAs by nano-flow liquid chromatography-high-resolution tandem mass spectrometry and database searching. 2015 , 87, 2884-91	30
1044	Identification of FLOT2 as a novel target for microRNA-34a in melanoma. 2015 , 141, 993-1006	35
1043	Matrix metalloproteinase 13: a potential intermediate between low expression of microRNA-125b and increasing metastatic potential of non-small cell lung cancer. 2015 , 208, 76-84	20
1042	Targeting of Runx2 by miR-135 and miR-203 Impairs Progression of Breast Cancer and Metastatic Bone Disease. 2015 , 75, 1433-44	136
1041	Targeting microRNAs to withstand cancer metastasis. 2015 , 1218, 415-37	9
1040	The Technology of Analyzing Nucleic Acids in Cancer. 2015 , 347-356.e1	
1039	A global microRNA screen identifies regulators of the ErbB receptor signaling network. 2015 , 13, 5	24
1038	The role of microRNA-1274a in the tumorigenesis of gastric cancer: accelerating cancer cell proliferation and migration via directly targeting FOXO4. 2015 , 459, 629-35	24
1037	Electrochemical Detection of RNA. 2015 , 21-45	3
1036	Electrochemical Biosensors for miRNA Detection. 2015 , 1-19	
1035	Construction of therapeutically relevant human prostate epithelial fate map by utilising miRNA and mRNA microarray expression data. 2015 , 113, 611-5	8
1034	Micro-RNAs miR-29a and miR-330-5p function as tumor suppressors by targeting the MUC1 mucin in pancreatic cancer cells. 2015 , 1853, 2392-403	84
1033	MicroRNA-129-5p inhibits hepatocellular carcinoma cell metastasis and invasion via targeting ETS1. 2015 , 461, 618-23	40

1032	Comprehensive identification and profiling of host miRNAs in response to Singapore grouper iridovirus (SGIV) infection in grouper (<i>Epinephelus coioides</i>). 2015 , 52, 226-35	32
1031	Gold nanoparticles-decorated graphene field-effect transistor biosensor for femtomolar MicroRNA detection. 2015 , 74, 329-34	124
1030	Integrating full spectrum of sequence features into predicting functional microRNA-mRNA interactions. 2015 , 31, 3529-36	17
1029	Refining strategies to identify populations to be screened for lung cancer. 2015 , 25, 217-21	2
1028	A miRNA-Based Signature Detected in Primary Melanoma Tissue Predicts Development of Brain Metastasis. 2015 , 21, 4903-12	49
1027	microRNA-99a is downregulated and promotes proliferation, migration and invasion in non-small cell lung cancer A549 and H1299 cells. 2015 , 9, 1128-1134	38
1026	Rapid and Multiplexed MicroRNA Diagnostic Assay Using Quantum Dot-Based Förster Resonance Energy Transfer. 2015 , 9, 8449-57	190
1025	Loss of microRNA-27b contributes to breast cancer stem cell generation by activating ENPP1. 2015 , 6, 7318	99
1024	Circulating microRNAs: emerging biomarkers for diagnosis and prognosis in patients with gastrointestinal cancers. 2015 , 128, 1-15	36
1023	Expression of apoptosis-regulating miRNAs and target mRNAs in oral squamous cell carcinoma. 2015 , 208, 382-9	20
1022	Epigenetics of the failing heart. 2015 , 20, 435-59	14
1021	MiR-124 inhibits cell proliferation in breast cancer through downregulation of CDK4. 2015 , 36, 5987-97	53
1020	Recent trends in electrochemical microRNA biosensors for early detection of cancer. 2015 , 5, 35651-35660	37
1019	Regulation of cancer metastasis by microRNAs. 2015 , 22, 9	100
1018	Dependence of intracellular and exosomal microRNAs on viral E6/E7 oncogene expression in HPV-positive tumor cells. 2015 , 11, e1004712	154
1017	Smart functional nucleic acid chimeras: enabling tissue specific RNA targeting therapy. 2015 , 12, 412-25	29
1016	MicroRNA (miRNA) in cancer. 2015 , 15, 38	352
1015	Polysome arrest restricts miRNA turnover by preventing exosomal export of miRNA in growth-retarded mammalian cells. 2015 , 26, 1072-83	24

1014	Uncovering the clinical utility of miR-143, miR-145 and miR-224 for predicting the survival of bladder cancer patients following treatment. 2015 , 36, 528-37	56
1013	Analysis of miRNA expression patterns in human and mouse hepatocellular carcinoma cells. 2015 , 45, 1331-40	6
1012	Dynamic changes in microRNA expression profiles reflect progression of Barrett's esophagus to esophageal adenocarcinoma. 2015 , 36, 521-7	38
1011	Cancer biomarker detection: recent achievements and challenges. 2015 , 44, 2963-97	633
1010	Next Generation Sequencing in Cancer Research, Volume 2. 2015 ,	4
1009	Comprehensive analysis of microRNA expression profile in malignant glioma tissues. 2015 , 9, 1324-40	56
1008	microRNA regulation of Wnt signaling pathways in development and disease. 2015 , 27, 1380-91	89
1007	Genomics and Epigenomics of Prostate Cancer. 2015 , 149-170	
1006	MicroRNAs in colorectal cancer: small molecules with big functions. 2015 , 360, 89-105	71
1005	Evaluation of Cell-Free Urine microRNAs Expression for the Use in Diagnosis of Ovarian and Endometrial Cancers. A Pilot Study. 2015 , 21, 1027-35	43
1004	Degradation of miR-21 induces apoptosis and inhibits cell proliferation in human hepatocellular carcinoma. 2015 , 22, 530-5	40
1003	siRNA Versus miRNA as Therapeutics for Gene Silencing. 2015 , 4, e252	470
1002	Posttranscriptional silencing of the lncRNA MALAT1 by miR-217 inhibits the epithelial-mesenchymal transition via enhancer of zeste homolog 2 in the malignant transformation of HBE cells induced by cigarette smoke extract. 2015 , 289, 276-85	64
1001	Functionalized Gold Nanoparticles for Detection of Cancer Biomarkers. 2015 , 1143-1175	1
1000	Serum exosomal microRNAs as novel biomarkers for hepatocellular carcinoma. 2015 , 47, e184	259
999	microRNAs as pharmacogenomic biomarkers for drug efficacy and drug safety assessment. 2015 , 9, 1153-76	51
998	Long noncoding RNAs in cancer: from function to translation. 2015 , 1, 93-109	179
997	Integrated proteo-genomic approach for early diagnosis and prognosis of cancer. 2015 , 369, 28-36	24

996	Current State of Circulating MicroRNAs as Cancer Biomarkers. 2015 , 61, 1138-55	170
995	A Uniform System for the Annotation of Vertebrate microRNA Genes and the Evolution of the Human microRNAome. 2015 , 49, 213-42	330
994	Self-Assembled Pico-Liter Droplet Microarray for Ultrasensitive Nucleic Acid Quantification. 2015 , 9, 10655-63	18
993	Pretreatment microRNA Expression Impacting on Epithelial-to-Mesenchymal Transition Predicts Intrinsic Radiosensitivity in Head and Neck Cancer Cell Lines and Patients. 2015 , 21, 5630-8	56
992	Aryl amide small-molecule inhibitors of microRNA miR-21 function. 2015 , 25, 4793-4796	36
991	Bridging miRNAs and pathway analysis in clinical decision support: a case study in nephroblastoma. 2015 , 4, 1	
990	MiR-506 inhibits multiple targets in the epithelial-to-mesenchymal transition network and is associated with good prognosis in epithelial ovarian cancer. 2015 , 235, 25-36	81
989	Combined determination of circulating miR-196a and miR-196b levels produces high sensitivity and specificity for early detection of oral cancer. 2015 , 48, 115-21	57
988	Contribution of bioinformatics prediction in microRNA-based cancer therapeutics. 2015 , 81, 94-103	30
987	MiR-153 inhibits migration and invasion of human non-small-cell lung cancer by targeting ADAM19. 2015 , 456, 385-91	64
986	Methylation-associated silencing of miR-495 inhibit the migration and invasion of human gastric cancer cells by directly targeting PRL-3. 2015 , 456, 344-50	33
985	BRCA1 regulation of epidermal growth factor receptor (EGFR) expression in human breast cancer cells involves microRNA-146a and is critical for its tumor suppressor function. 2015 , 34, 4333-46	55
984	Portrait of the PI3K/AKT pathway in colorectal cancer. 2015 , 1855, 104-21	148
983	In vivo delivery of miRNAs for cancer therapy: challenges and strategies. 2015 , 81, 128-41	413
982	miR-339-5p regulates the p53 tumor-suppressor pathway by targeting MDM2. 2015 , 34, 1908-18	52
981	Identification of disease-related miRNAs based on co-expression network in spinal cord injury. 2015 , 125, 270-6	7
980	The emerging roles of microRNAs in cancer metabolism. 2015 , 356, 301-8	75
979	Differential expression levels of plasma-derived miR-146b and miR-155 in papillary thyroid cancer. 2015 , 51, 77-83	53

978	RNA Interference. 2015 ,	1
977	MicroRNA regulons in tumor microenvironment. 2015 , 34, 3085-94	129
976	MicroRNAs from Diagnosis to Therapy: Future Perspective. 2016 , 07,	1
975	miR-139-5p regulates proliferation, apoptosis, and cell cycle of uterine leiomyoma cells by targeting TPD52. 2016 , 9, 6151-6160	16
974	Prognostic role of miR-9 expression in various human malignant neoplasms: a meta-analysis. 2016 , 9, 3039-47	11
973	MicroRNA-944 Affects Cell Growth by Targeting EPHA7 in Non-Small Cell Lung Cancer. 2016 , 17,	30
972	Personalized Epigenetics. 2016 , 843-858	2
971	Use of Chromatin Changes as Biomarkers. 2016 , 403-421	
970	Integrated microRNA, gene expression and transcription factors signature in papillary thyroid cancer with lymph node metastasis. 2016 , 4, e2119	27
969	Circulating MicroRNAs as Biomarkers in Biliary Tract Cancers. 2016 , 17,	24
968	A microRNA isolation method from clinical samples. 2016 , 6, 25-31	18
967	MicroRNA regulatory pathway analysis identifies miR-142-5p as a negative regulator of TGF- β pathway via targeting SMAD3. 2016 , 7, 71504-71513	39
966	miR-375 and miR-205 Regulate the Invasion and Migration of Laryngeal Squamous Cell Carcinoma Synergistically via AKT-Mediated EMT. 2016 , 2016, 9652789	22
965	Long Noncoding RNAs as Novel Biomarkers Have a Promising Future in Cancer Diagnostics. 2016 , 2016, 9085195	153
964	The Role of miRNAs in the Regulation of Pancreatic Cancer Stem Cells. 2016 , 2016, 8352684	20
963	A novel type of self-assembled nanoparticles as targeted gene carriers: an application for plasmid DNA and antimicroRNA oligonucleotide delivery. 2016 , 11, 399-410	27
962	Supernatant versus exosomal urinary microRNAs. Two fractions with different outcomes in gynaecological cancers. 2016 , 63, 121-32	14
961	Versatile roles of extracellular vesicles in cancer. 2016 , 126, 1163-72	205

960	MicroRNA in Control of Gene Expression: An Overview of Nuclear Functions. 2016 , 17,	588
959	Reprogramming of Normal Fibroblasts into Cancer-Associated Fibroblasts by miRNAs-Mediated CCL2/VEGFA Signaling. 2016 , 12, e1006244	53
958	Plasma miR-19b and miR-183 as Potential Biomarkers of Lung Cancer. 2016 , 11, e0165261	27
957	miR-590-5p regulates gastric cancer cell growth and chemosensitivity through RECK and the AKT/ERK pathway. 2016 , 9, 6009-6019	44
956	The highly expressed 5'isomiR of hsa-miR-140-3p contributes to the tumor-suppressive effects of miR-140 by reducing breast cancer proliferation and migration. 2016 , 17, 566	61
955	Insights into the Regulatory Role of Non-coding RNAs in Cancer Metabolism. 2016 , 7, 342	27
954	Noncoding RNAs Regulating p53 and c-Myc Signaling. 2016 , 927, 337-65	6
953	MicroRNA-210 and its theranostic potential. 2016 , 20, 1325-1338	12
952	The Long and Short Non-coding RNAs in Cancer Biology. 2016 ,	3
951	LncRNA-MIF, a c-Myc-activated long non-coding RNA, suppresses glycolysis by promoting Fbxw7-mediated c-Myc degradation. 2016 , 17, 1204-20	71
950	MicroRNA-181b is downregulated in non-small cell lung cancer and inhibits cell motility by directly targeting HMGB1. 2016 , 12, 4181-4186	23
949	miR-375 exhibits a more effective tumor-suppressor function in laryngeal squamous carcinoma cells by regulating KLF4 expression compared with simple co-transfection of miR-375 and miR-206. 2016 , 36, 952-60	8
948	Reversible HuR-microRNA binding controls extracellular export of miR-122 and augments stress response. 2016 , 17, 1184-203	87
947	MicroRNA-330-5p negatively regulates ITGA5 expression in human colorectal cancer. 2016 , 36, 3023-3029	43
946	The hematologic markers as prognostic factors in patients with resectable gastric cancer. 2016 , 17, 359-367	21
945	ESMO / ASCO Recommendations for a Global Curriculum in Medical Oncology Edition 2016. 2016 , 1, e000097	59
944	Identification of microRNA profile specific to cancer stem-like cells directly isolated from human larynx cancer specimens. 2016 , 16, 853	12
943	The anti-diabetic drug metformin inhibits pancreatic cancer cell proliferation in vitro and in vivo: Study of the microRNAs associated with the antitumor effect of metformin. 2016 , 35, 1582-92	29

942	Comprehensive identification and profiling of Nile tilapia (<i>Oreochromis niloticus</i>) microRNAs response to <i>Streptococcus agalactiae</i> infection through high-throughput sequencing. 2016 , 54, 93-106	62
941	Exosomes as Tools to Suppress Primary Brain Tumor. 2016 , 36, 343-52	42
940	Intra-tumour heterogeneity - going beyond genetics. 2016 , 283, 2245-58	50
939	MicroRNA-497 regulates cell proliferation in hepatocellular carcinoma. 2016 , 11, 1081-1088	13
938	Cancer Stem Cells: Basic Concepts and Therapeutic Implications. 2016 , 11, 47-76	364
937	miR-1207-3p Is a Novel Prognostic Biomarker of Prostate Cancer. 2016 , 9, 236-41	14
936	Plasma miRNAs Effectively Distinguish Patients With Pancreatic Cancer From Controls: A Multicenter Study. 2016 , 263, 1173-9	62
935	Expression of miRNA-26b in the diagnosis and prognosis of patients with non-small-cell lung cancer. 2016 , 12, 1105-15	18
934	Invading stacking primer: A trigger for high-efficiency isothermal amplification reaction with superior selectivity for detecting microRNA variants. 2016 , 81, 309-316	14
933	Radiotherapy-induced miR-223 prevents relapse of breast cancer by targeting the EGF pathway. 2016 , 35, 4914-26	41
932	Regulation of E3 ubiquitin ligase-1 (WWP1) by microRNA-452 inhibits cancer cell migration and invasion in prostate cancer. 2016 , 114, 1135-44	42
931	Targeting translesion synthesis to facilitate the eradication of ovarian cancer stem cells by platinum-based therapy. 2016 , 3, e1043482	5
930	Direct and Label-Free Quantification of Micro-RNA-181a at Attomolar Level in Complex Media Using a Nanophotonic Biosensor. 2016 , 1, 748-756	40
929	Tumor suppressor microRNAs: Targeted molecules and signaling pathways in breast cancer. 2016 , 81, 305-317	24
928	MicroRNA148b-3p inhibits mTORC1-dependent apoptosis in diabetes by repressing TNFR2 in proximal tubular cells. 2016 , 90, 1211-1225	18
927	Extracellular Vesicles in Cancer. 2016 , 23, 187-204	1
926	Dual Signal Amplification Using Gold Nanoparticles-Enhanced Zinc Selenide Nanoflakes and P19 Protein for Ultrasensitive Photoelectrochemical Biosensing of MicroRNA in Cell. 2016 , 88, 10459-10465	71
925	miR-203 is a predictive biomarker for colorectal cancer and its expression is associated with BIRC5. 2016 , 37, 15989	12

924	Periodontitis promotes the diabetic development of obese rat via miR-147 induced classical macrophage activation. 2016 , 83, 892-897	11
923	miRNA-regulated cancer stem cells: understanding the property and the role of miRNA in carcinogenesis. 2016 , 37, 13039-13048	52
922	miR-124 interacts with the Notch1 signalling pathway and has therapeutic potential against gastric cancer. 2016 , 20, 313-22	34
921	Exosome-mediated delivery of miR-9 induces cancer-associated fibroblast-like properties in human breast fibroblasts. 2016 , 7, e2312	174
920	Up-regulation of miR-95-3p in hepatocellular carcinoma promotes tumorigenesis by targeting p21 expression. 2016 , 6, 34034	32
919	MiR-424-5p participates in esophageal squamous cell carcinoma invasion and metastasis via SMAD7 pathway mediated EMT. 2016 , 11, 88	38
918	Cancer of unknown primary ultimately diagnosed as male breast cancer: A rare case report. 2016 , 5, 263-266	1
917	Circulating Disease Biomarker Detection in Complex Matrices: Real-Time, In Situ Measurements of DNA/miRNA Hybridization via Electrochemical Impedance Spectroscopy. 2016 , 1, 1003-1010	26
916	MicroRNA-Responsive Drug Release System for Selective Fluorescence Imaging and Photodynamic Therapy In Vivo. 2016 , 5, 2386-95	24
915	Separation of microRNA 21 as a cancer marker from glioblastoma cell line using molecularly imprinted polymer coated on silica nanoparticles. 2016 , 39, 3564-70	8
914	miR-9 and miR-200 Regulate PDGFR Mediated Endothelial Differentiation of Tumor Cells in Triple-Negative Breast Cancer. 2016 , 76, 5562-72	67
913	Circulating microRNA-196a/b are novel biomarkers associated with metastatic gastric cancer. 2016 , 64, 137-48	45
912	Combinatorial epigenetic regulation of non-coding RNAs has profound effects on oncogenic pathways in breast cancer subtypes. 2018 , 19, 52-64	12
911	miRpower: a web-tool to validate survival-associated miRNAs utilizing expression data from 2178 breast cancer patients. 2016 , 160, 439-446	507
910	Relationship Between Serum microRNA155 and Telomerase Expression in Hepatocellular Carcinoma. 2016 , 47, 349-355	6
909	microRNA-155 deficiency impairs dendritic cell function in breast cancer. 2016 , 5, e1232223	26
908	Correlation between the overexpression of Yin Yang 1 and the expression levels of miRNAs in Burkitt's lymphoma: A computational study. 2016 , 11, 1021-1025	49
907	Expression of miRNA-630 in bladder urothelial carcinoma and its clinical significance. 2016 , 36, 705-709	7

906	Colorectal cancer characterization and therapeutic target prediction based on microRNA expression profile. 2016 , 6, 20616	35
905	Tissue- and Serum-Associated Biomarkers of Hepatocellular Carcinoma. 2016 , 8, 37-55	70
904	Workflow-driven clinical decision support for personalized oncology. 2016 , 16 Suppl 2, 87	13
903	MiR-10b decreases sensitivity of glioblastoma cells to radiation by targeting AKT. 2016 , 23, 14	23
902	Detection of Serum microRNAs From Department of Defense Serum Repository: Correlation With Cotinine, Cytokine, and Polycyclic Aromatic Hydrocarbon Levels. 2016 , 58, S62-71	16
901	Prognostic significance of low microRNA-218 expression in patients with different types of cancer: Evidence from published studies. 2016 , 95, e4773	8
900	Over-expression of microRNA-375 inhibits papillary thyroid carcinoma cell proliferation and induces cell apoptosis by targeting ERBB2. 2016 , 130, 78-84	31
899	MiR-29b suppresses the proliferation and migration of osteosarcoma cells by targeting CDK6. 2016 , 7, 434-44	45
898	isomiR-SEA: an RNA-Seq analysis tool for miRNAs/isomiRs expression level profiling and miRNA-mRNA interaction sites evaluation. 2016 , 17, 148	38
897	Integrative meta-analysis identifies microRNA-regulated networks in infantile hemangioma. 2016 , 17, 4	15
896	Therapeutic nucleic acids: current clinical status. 2016 , 82, 659-72	139
895	Epigenetic silencing of microRNA-218 via EZH2-mediated H3K27 trimethylation is involved in malignant transformation of HBE cells induced by cigarette smoke extract. 2016 , 90, 449-61	36
894	MicroRNA expression as predictor of local recurrence risk in oral squamous cell carcinoma. 2016 , 38 Suppl 1, E189-97	35
893	The tumour hypoxia induced non-coding transcriptome. 2016 , 47-48, 35-53	76
892	Post-transcriptional and Post-translational Regulation of Steroidogenesis. 2016 , 253-275	
891	Pancreatic cancer: Current research and future directions. 2016 , 1865, 123-32	51
890	Blockage of miR-92a-3p with locked nucleic acid induces apoptosis and prevents cell proliferation in human acute megakaryoblastic leukemia. 2016 , 23, 29-35	30
889	The role of microRNAs in the development and progression of chemical-associated cancers. 2016 , 312, 3-10	16

888	Extracellular Vesicles and MicroRNAs: Their Role in Tumorigenicity and Therapy for Brain Tumors. 2016 , 36, 361-76	33
887	MicroRNA-497 suppresses osteosarcoma tumor growth and. 2016 , 11, 2207-2212	24
886	Molecular and pathophysiological aspects of metal ion uptake by the zinc transporter ZIP8 (SLC39A8). 2016 , 5, 987-1002	15
885	Novel Association of miR-451 with the Incidence of TEVG Stenosis in a Murine Model. 2016 , 22, 75-82	6
884	Upregulation of the double-stranded RNA binding protein DGCR8 in invasive ductal breast carcinoma. 2016 , 581, 146-51	12
883	The role of microRNAs in metal carcinogen-induced cell malignant transformation and tumorigenesis. 2016 , 98, 58-65	36
882	Dysregulation of microRNA biogenesis in cancer: the impact of mutant p53 on Drosha complex activity. 2016 , 35, 45	66
881	Transcoronary gradients of vascular miRNAs and coronary atherosclerotic plaque characteristics. 2016 , 37, 1738-49	48
880	High-resolution analysis of the human retina miRNome reveals isomiR variations and novel microRNAs. 2016 , 44, 1525-40	82
879	Interplay between Reactive oxygen Species and MicroRNAs in Cancer. 2016 , 2, 82-90	79
878	Post-transcriptional Mechanisms in Endocrine Regulation. 2016 ,	
877	Hairpin DNA-Templated Silver Nanoclusters as Novel Beacons in Strand Displacement Amplification for MicroRNA Detection. 2016 , 88, 1294-302	93
876	Micro-RNAs associated with the evolution of ovarian cancer cisplatin resistance. 2016 , 140, 259-63	16
875	Deep sequencing of small RNA libraries from human prostate epithelial and stromal cells reveal distinct pattern of microRNAs primarily predicted to target growth factors. 2016 , 371, 262-73	5
874	MicroR-140-5p suppresses tumor cell migration and invasion by targeting ADAM10-mediated Notch1 signaling pathway in hypopharyngeal squamous cell carcinoma. 2016 , 100, 132-8	38
873	MicroRNA-125b suppresses the epithelial-mesenchymal transition and cell invasion by targeting ITGA9 in melanoma. 2016 , 37, 5941-9	30
872	Microarray Technology. 2016 ,	3
871	Detection and Quantification of MicroRNAs by Ligase-Assisted Sandwich Hybridization on a Microarray. 2016 , 1368, 53-65	4

870	Comparative effects of diet and carcinogen on microRNA expression in the stem cell niche of the mouse colonic crypt. 2016 , 1862, 121-34	19
869	A microRNA code for prostate cancer metastasis. 2016 , 35, 1180-92	92
868	Use of MicroRNA biomarkers to distinguish enchondroma from low-grade chondrosarcoma. 2017 , 58, 155-161	7
867	Identification and functional characterization of microRNAs reveal a potential role in gastric cancer progression. 2017 , 19, 162-172	46
866	Ultrasensitive Electrochemical Detection of miRNA-21 Using a Zinc Finger Protein Specific to DNA-RNA Hybrids. 2017 , 89, 2024-2031	53
865	Combined miRNA profiling and proteomics demonstrates that different miRNAs target a common set of proteins to promote colorectal cancer metastasis. 2017 , 242, 39-51	30
864	Exploiting microRNAs As Cancer Therapeutics. 2017 , 12, 163-178	15
863	miR-181 elevates Akt signaling by co-targeting PHLPP2 and INPP4B phosphatases in luminal breast cancer. 2017 , 140, 2310-2320	34
862	The role of extracellular vesicle microRNAs in cancer biology. 2017 , 55, 648-656	67
861	miR-30b inhibits cancer cell growth, migration, and invasion by targeting homeobox A1 in esophageal cancer. 2017 , 485, 506-512	34
860	MicroRNA therapeutics: towards a new era for the management of cancer and other diseases. 2017 , 16, 203-222	2439
859	Blood-Based Nucleic Acid Biomarkers as a Potential Tool to Determine Radiation Therapy Response in Non-Small Cell Lung Cancer. 2017 , 187, 333-338	7
858	Superparamagnetic iron oxide nanoparticles functionalized by peptide nucleic acids. 2017 , 7, 15500-15512	30
857	New insights into vitamin D anticancer properties: focus on miRNA modulation. 2017 , 292, 511-524	29
856	Micro-RNA detection based on fluorescence resonance energy transfer of DNA-carbon quantum dots probes. 2017 , 523, 32-38	39
855	Oncogenic role of microRNA-155 in mycosis fungoides: an in vitro and xenograft mouse model study. 2017 , 177, 791-800	17
854	MicroRNA-143 suppresses oral squamous cell carcinoma cell growth, invasion and glucose metabolism through targeting hexokinase 2. 2017 , 37,	38
853	New insights and future perspectives in the therapeutic strategy of adrenocortical carcinoma (Review). 2017 , 37, 1301-1311	15

852	miR-429 inhibits metastasis by targeting KIAA0101 in Soft Tissue Sarcoma. 2017 , 357, 33-39	17
851	Direct Downregulation of B-Cell Translocation Gene 3 by microRNA-93 Is Required for Desensitizing Esophageal Cancer to Radiotherapy. 2017 , 62, 1995-2003	14
850	RNA-Binding Proteins in Female Reproductive Pathologies. 2017 , 187, 1200-1210	5
849	miR-124 targets GATA6 to suppress cholangiocarcinoma cell invasion and metastasis. 2017 , 17, 175	19
848	Dual signal amplification strategy for specific detection of Circulating microRNAs based on Thioflavin T. 2017 , 249, 1-7	16
847	miR-375 Regulates Invasion-Related Proteins Vimentin and L-Plastin. 2017 , 187, 1523-1536	10
846	Electrochemical DNA-Based Immunoassay That Employs Steric Hindrance To Detect Small Molecules Directly in Whole Blood. 2017 , 2, 718-723	32
845	MicroRNA-195 inhibits human gastric cancer by directly targeting basic fibroblast growth factor. 2017 , 19, 1320-1328	27
844	MicroRNA-24-1 suppresses mouse hepatoma cell invasion and metastasis via directly targeting O-GlcNAc transferase. 2017 , 91, 731-738	13
843	Functional relevance of miRNAs in premature ageing. 2017 , 168, 10-19	7
842	VEGFA links self-renewal and metastasis by inducing Sox2 to repress miR-452, driving Slug. 2017 , 36, 5199-5211	49
841	A new insight on reciprocal relationship between microRNA expression and epigenetic modifications in human lung cancer. 2017 , 39, 1010428317695032	15
840	Down-regulated miRs specifically correlate with non-cardial gastric cancers and Lauren's classification system. 2017 , 116, 184-194	4
839	An miRNA Expression Signature for the Human Colonic Stem Cell Niche Distinguishes Malignant from Normal Epithelia. 2017 , 77, 3778-3790	11
838	sRNAtoolboxVM: Small RNA Analysis in a Virtual Machine. 2017 , 1580, 149-174	2
837	miR-141 promotes colon cancer cell proliferation by inhibiting MAP2K4. 2017 , 13, 1665-1671	31
836	Circulating cell-free microRNAs as clinical cancer biomarkers. 2017 , 8, 61-81	101
835	MicroRNA expression patterns and target prediction in multiple myeloma development and malignancy. 2017 , 39, 533-540	22

834	Light-inducible anti-miR-92a as a therapeutic strategy to promote skin repair in healing-impaired diabetic mice. 2017 , 8, 15162	79
833	Expression of miR-23a by apoptotic regulators in human cancer: A review. 2017 , 18, 269-276	20
832	Regulatory effects of berberine on microRNome in Cancer and other conditions. 2017 , 116, 147-158	61
831	miR-101 alleviates chemoresistance of gastric cancer cells by targeting ANXA2. 2017 , 92, 1030-1037	34
830	miR-221 and miR-222 synergistically regulate hepatocyte growth factor activator inhibitor type 1 to promote cell proliferation and migration in gastric cancer. 2017 , 39, 1010428317701636	18
829	MicroRNA-148a suppresses epithelial-mesenchymal transition and invasion of pancreatic cancer cells by targeting Wnt10b and inhibiting the Wnt/β-catenin signaling pathway. 2017 , 38, 301-308	36
828	Environmental toxicants, incidence of degenerative diseases, and therapies from the epigenetic point of view. 2017 , 91, 2577-2597	34
827	Neuroepigenomics in Aging and Disease. 2017 ,	3
826	Enhancing identification of cancer types via lowly-expressed microRNAs. 2017 , 45, 5048-5060	9
825	Alzheimer's Disease and ncRNAs. 2017 , 978, 337-361	41
824	Serum microRNAs as Early Indicators for Estimation of Exposure Degree in Response to Ionizing Irradiation. 2017 , 188, 342-354	14
823	Pleiotropic and Adverse Effects of Statins-Do Epigenetics Play a Role?. 2017 , 362, 319-326	39
822	Exosomes: A Valuable Biomedical Tool in Biomarker Discovery and Development. 2017 , 50-63	2
821	Amplification-free detection of microRNAs via a rapid microarray-based sandwich assay. 2017 , 409, 3497-3505	21
820	DGCR8 Mediates Repair of UV-Induced DNA Damage Independently of RNA Processing. 2017 , 19, 162-174	20
819	Overexpression of miRNA-221 promotes cell proliferation by targeting the apoptotic protease activating factor-1 and indicates a poor prognosis in ovarian cancer. 2017 , 50, 1087-1096	36
818	MicroRNAs. 2017 , 170-200	1
817	DNA methylation aberrancies as a guide for surveillance and treatment of human cancers. 2017 , 12, 416-432	66

816	Regulation of miRNAs by herbal medicine: An emerging field in cancer therapies. 2017 , 86, 262-270	29
815	Bioelectrochemistry of nucleic acids for early cancer diagnostics Analysis of DNA methylation and detection of microRNAs. 2017 , 36,	5
814	Low levels of circulating microRNA-26a/29a as poor prognostic markers in patients with hepatocellular carcinoma who underwent curative treatment. 2017 , 41, 181-189	31
813	Epigenetics and Gene Expression in Cancer, Inflammatory and Immune Diseases. 2017 ,	
812	New developments in the early diagnosis of pancreatic cancer. 2017 , 11, 149-156	17
811	MicroRNA (miR)-203 and miR-205 expression patterns identify subgroups of prognosis in cutaneous squamous cell carcinoma. 2017 , 177, 168-178	27
810	, as a direct upstream regulator of GRIM-19, enhances proliferation and suppresses apoptosis in glioma cells. 2017 , 37,	5
809	Photoactive Hybrid AuNR-Pt@Ag2S CoreSatellite Nanostructures for Near-Infrared Quantitative Cell Imaging. 2017 , 27, 1703408	45
808	Label-Free Electrochemical Sensing Platform for MicroRNA-21 Detection Using Thionine and Gold Nanoparticles Co-Functionalized MoS Nanosheet. 2017 , 9, 35597-35603	104
807	MicroRNA-141 is a tumor regulator and prognostic biomarker in human glioblastoma. 2017 , 14, 4455-4460	7
806	Using a Specific RNA-Protein Interaction To Quench the Fluorescent RNA Spinach. 2017 , 12, 2958-2964	9
805	miR-6883 Family miRNAs Target CDK4/6 to Induce G Phase Cell-Cycle Arrest in Colon Cancer Cells. 2017 , 77, 6902-6913	34
804	MicroRNAs in glioblastoma pathogenesis and therapy: A comprehensive review. 2017 , 120, 22-33	71
803	Cell-free nucleic acids in body fluids as biomarkers for the prediction and early detection of recurrent head and neck cancer: A systematic review of the literature. 2017 , 75, 8-15	20
802	Involvement of aberrantly expressed microRNAs in the pathogenesis of head and neck squamous cell carcinoma. 2017 , 36, 525-545	22
801	Activation of PPARinhibits HDAC1-mediated pulmonary arterial smooth muscle cell proliferation and its potential mechanisms. 2017 , 814, 324-334	9
800	MicroRNA-10b and the clinical outcomes of various cancers: A systematic review and meta-analysis. 2017 , 474, 14-22	15
799	Targeting epithelial-mesenchymal plasticity in cancer: clinical and preclinical advances in therapy and monitoring. 2017 , 474, 3269-3306	44

798	MiR-375 and YAP1 expression profiling in medullary thyroid carcinoma and their correlation with clinical-pathological features and outcome. 2017 , 471, 651-658	17
797	DNA Methylation and Dysregulation of miRNA in Cancer. 2017 , 281-296	1
796	Inhibition of the miR-17-92 Cluster Separates Stages of Palatogenesis. 2017 , 96, 1257-1264	19
795	Essential and Non-essential Metals. 2017 ,	3
794	The tumour suppressor, miR-137, inhibits malignant melanoma migration by targetting the TBX3 transcription factor. 2017 , 405, 111-119	31
793	A three miRNAs signature predicts survival in cervical cancer using bioinformatics analysis. 2017 , 7, 5624	33
792	Induces NRF2 Stabilization by Directly Targeting KEAP1. 2017 , 15, 1570-1578	35
791	Overexpression of microRNA let-7 correlates with disease progression and poor prognosis in hepatocellular carcinoma. 2017 , 96, e7764	33
790	MicroRNAs regulate key cell survival pathways and mediate chemosensitivity during progression of diffuse large B-cell lymphoma. 2017 , 7, 654	17
789	Downregulation of microRNA-1274a induces cell apoptosis through regulation of BMPR1B in clear cell renal cell carcinoma. 2018 , 39, 173-181	14
788	MicroRNAs and Epigenetics. 2017 , 135, 189-220	68
787	MicroRNA Based Liquid Biopsy: The Experience of the Plasma miRNA Signature Classifier (MSC) for Lung Cancer Screening. 2017 ,	21
786	Identification and functional analysis of risk-related microRNAs for the prognosis of patients with bladder urothelial carcinoma. 2017 , 14, 7297-7303	3
785	DNA methylation alterations induced by transient exposure of MCF-7 cells to maghemite nanoparticles. 2017 , 12, 2637-2649	4
784	Large-scale genome-wide screening of circulating microRNAs in clear cell renal cell carcinoma reveals specific signatures in late-stage disease. 2017 , 141, 1730-1740	22
783	miR-509-5p and miR-1243 increase the sensitivity to gemcitabine by inhibiting epithelial-mesenchymal transition in pancreatic cancer. 2017 , 7, 4002	34
782	The development of a rapid high-quality universal nucleic acid extraction kit based on magnetic separation. 2017 , 60, 1602-1608	7
781	Metformin-induced ablation of microRNA 21-5p releases Sestrin-1 and CAB39L antitumoral activities. 2017 , 3, 17022	44

780	Chemo brain: From discerning mechanisms to lifting the brain fog-An aging connection. 2017 , 16, 1345-1349	19
779	Differential expression of miRNAs in the seminal plasma and serum of testicular cancer patients. 2017 , 57, 518-527	22
778	Promotion of astrocytoma cell invasion by micro RNA-22 targeting of tissue inhibitor of matrix metalloproteinase-2. 2017 , 26, 396-403	11
777	Understanding the epigenetic regulation of tumours and their microenvironments: opportunities and problems for epigenetic therapy. 2017 , 241, 10-24	42
776	Immunosenescence: limitations of natural killer cell-based cancer immunotherapy. 2017 , 66, 233-245	26
775	Recent trends in microRNA research into breast cancer with particular focus on the associations between microRNAs and intrinsic subtypes. 2017 , 62, 15-24	94
774	miRNA-429 Inhibits Astrocytoma Proliferation and Invasion by Targeting BMI1. 2017 , 23, 369-376	16
773	Noncoding RNAs in Cancer Development. 2017 , 1, 163-184	30
772	The epigenetic landscape of renal cancer. 2017 , 13, 47-60	70
771	MiR-137: an important player in neural development and neoplastic transformation. 2017 , 22, 44-55	103
770	The analysis of novel microRNA mimic sequences in cancer cells reveals lack of specificity in stem-loop RT-qPCR-based microRNA detection. 2017 , 10, 600	5
769	MicroRNA-373 Promotes Growth and Cellular Invasion in Osteosarcoma Cells by Activation of the PI3K/AKT-Rac1-JNK Pathway: The Potential Role in Spinal Osteosarcoma. 2017 , 25, 989-999	17
768	miR-5195-3p Inhibits Proliferation and Invasion of Human Bladder Cancer Cells by Directly Targeting Oncogene KLF5. 2017 , 25, 1081-1087	29
767	The Biological Role and Clinical Implication of MicroRNAs in Osteosarcoma. 2017 ,	0
766	VALIDATION OF A RAT MODEL FOR ANALYZING MicroRNA IN CHONDROSARCOMA. 2017 , 20, 1750021	
765	CircRNA_100782 regulates pancreatic carcinoma proliferation through the IL6-STAT3 pathway. 2017 , 10, 5783-5794	98
764	RNA-seq: Applications and Best Practices. 2017 ,	7
763	Identification of microRNAs associated with medullary thyroid carcinoma by bioinformatics analyses. 2017 , 15, 4266-4272	3

762	Antioxidant Therapeutic Strategies for Cardiovascular Conditions Associated with Oxidative Stress. 2017 , 9,	90
761	Clinical and Therapeutic Applications of MicroRNA in Cancer. 2017 , 17-37	0
760	Dermpath & Clinic: Giant trichoblastoma of the leg. 2017 , 27, 447-448	1
759	Targeting MicroRNAs in Cancer Gene Therapy. 2017 , 8,	108
758	Integrated MicroRNA-mRNA Profiling Identifies Oncostatin M as a Marker of Mesenchymal-Like ER-Negative/HER2-Negative Breast Cancer. 2017 , 18,	15
757	mir-660-p53-mir-486 Network: A New Key Regulatory Pathway in Lung Tumorigenesis. 2017 , 18,	21
756	Transposable Elements in Human Cancer: Causes and Consequences of Deregulation. 2017 , 18,	74
755	, a c-Myc-inducible long noncoding RNA, cooperates with CNBP to promote mRNA stability in human cells. 2017 , 6,	46
754	Low-Frequency Pulsed Electromagnetic Field Is Able to Modulate miRNAs in an Experimental Cell Model of Alzheimer's Disease. 2017 , 2017, 2530270	17
753	A New Network-Based Strategy for Predicting the Potential miRNA-mRNA Interactions in Tumorigenesis. 2017 , 2017, 3538568	5
752	Knockdown of microRNA-29a regulates the expression of apoptosis-related genes in MCF-7 breast carcinoma cells. 2018 , 8, 362-369	9
751	Prognostic significance of altered miRNA expression in whole blood of OSCC patients. 2017 , 37, 3467-3474	18
750	MicroRNA-30b controls endothelial cell capillary morphogenesis through regulation of transforming growth factor beta 2. 2017 , 12, e0185619	14
749	Evaluation of miRNA-196a2 and apoptosis-related target genes: ANXA1, DFFA and PDCD4 expression in gastrointestinal cancer patients: A pilot study. 2017 , 12, e0187310	27
748	MicroRNA in skin diseases. 2017 , 27, 343-352	21
747	Editorial: What's new this month?. 2017 , 27, 446-447	
746	Role of microRNA-33a in regulating the expression of PD-1 in lung adenocarcinoma. 2017 , 17, 105	27
745	miR-380-5p-mediated repression of TEP1 and TSPYL5 interferes with telomerase activity and favours the emergence of an "ALT-like" phenotype in diffuse malignant peritoneal mesothelioma cells. 2017 , 10, 140	16

744	A step-by-step microRNA guide to cancer development and metastasis. 2017 , 40, 303-339	100
743	MiR-34c induces apoptosis and inhibits the viability of M4e cells by targeting BCL2. 2018 , 15, 3357-3361	5
742	miRNAs as drivers of TMPRSS2-ERG negative prostate tumors in African American men. 2017 , 22, 212-229	10
741	MicroRNA-382 inhibits cell proliferation and invasion of retinoblastoma by targeting BDNF-mediated PI3K/AKT signalling pathway. 2017 , 16, 6428-6436	14
740	miR-140-5p inhibits human glioma cell growth and invasion by targeting JAG1. 2017 , 16, 3634-3640	8
739	Systematic review and critique of circulating miRNAs as biomarkers of stage I-II non-small cell lung cancer. 2017 , 8, 94980-94996	35
738	Exosomal microRNAs derived from colorectal cancer-associated fibroblasts: role in driving cancer progression. 2017 , 9, 2666-2694	84
737	Head and Neck Cancer: Epidemiology and Role of MicroRNAs. 2017 ,	1
736	PRMDA: personalized recommendation-based MiRNA-disease association prediction. 2017 , 8, 85568-85583	28
735	MicroRNA-219 is downregulated in non-small cell lung cancer and inhibits cell growth and metastasis by targeting HMGA2. 2017 , 16, 3557-3564	17
734	MicroRNA-320 inhibits cell proliferation, migration and invasion in retinoblastoma by targeting specificity protein 1. 2017 , 16, 2191-2198	8
733	MicroRNA-28 promotes cell proliferation and invasion in gastric cancer via the PTEN/PI3K/AKT signalling pathway. 2018 , 17, 4003-4010	25
732	A microRNA expression signature as a predictor of survival for colon adenocarcinoma. 2017 , 64, 56-64	16
731	The miR-93 promotes proliferation by directly targeting PDCD4 in hepatocellular carcinoma. 2017 , 64, 770-777	14
730	microRNA-363-3p inhibits cell growth and invasion of non-small cell lung cancer by targeting HMGA2. 2018 , 17, 2712-2718	7
729	miR302a inhibits the proliferation of esophageal cancer cells through the MAPK and PI3K/Akt signaling pathways. 2018 , 15, 3937-3943	14
728	Fluorescence sensing platform based on ruthenium(II) complexes as high 3S (sensitivity, specificity, speed) and "on-off-on" sensors for the miR-185 detection. 2018 , 179, 658-667	9
727	A physiologically relevant 3D collagen-based scaffold-neuroblastoma cell system exhibits chemosensitivity similar to orthotopic xenograft models. 2018 , 70, 84-97	35

726	MicroRNAs, Gene Regulator in Prostate Cancer. 2018 , 21-36	
725	Comprehensive analysis of miRNAs expression profiles revealed potential key miRNA/mRNAs regulating colorectal cancer stem cell self-renewal. 2018 , 656, 30-39	11
724	Profiling of 179 miRNA Expression in Blood Plasma of Lung Cancer Patients and Cancer-Free Individuals. 2018 , 8, 6348	26
723	The investigation of miR-196a2 rs11614913 with breast cancer susceptibility in south of IRAN. 2018 , 17, 43-47	4
722	MiR-27a-3p and miR-124-3p, upregulated in endometrium and serum from women affected by Chronic Endometritis, are new potential molecular markers of endometrial receptivity. 2018 , 80, e12858	27
721	BRD4 regulates cellular senescence in gastric cancer cells via E2F/miR-106b/p21 axis. 2018 , 9, 203	41
720	Dysregulation of cellular microRNAs by human oncogenic viruses - Implications for tumorigenesis. 2018 , 1861, 95-105	6
719	MiR-21-5p, miR-34a, and human telomerase RNA component as surrogate markers for cervical cancer progression. 2018 , 214, 374-379	27
718	Therapeutic Targeting of Long Non-Coding RNAs in Cancer. 2018 , 24, 257-277	289
717	Pin1 impairs microRNA biogenesis by mediating conformation change of XPO5 in hepatocellular carcinoma. 2018 , 25, 1612-1624	28
716	Identification of microRNA signature in the progression of gestational trophoblastic disease. 2018 , 9, 94	14
715	Three-Dimensional Cellular Arrangement in Epithelial Ovarian Cancer Cell Lines TOV-21G and SKOV-3 is Associated with Apoptosis-Related miRNA Expression Modulation. 2018 , 11, 85-92	2
714	MicroRNA Networks in Breast Cancer Cells. 2018 , 1711, 55-81	13
713	Comprehensive network of miRNA-induced intergenic interactions and a biological role of its core in cancer. 2018 , 8, 2418	20
712	Black phosphorus nanosheets for rapid microRNA detection. 2018 , 10, 5060-5064	74
711	An innovative paradigm of methods in microRNAs detection: highlighting DNAzymes, the illuminators. 2018 , 107, 123-144	40
710	MicroRNA Protocols. 2018 ,	3
709	The MicroRNA. 2018 , 1733, 1-25	14

708	Screening miRNA for Functional Significance by 3D Cell Culture System. 2018 , 1733, 193-201	
707	Diagnostic and therapeutic applications of miRNA-based strategies to cancer immunotherapy. 2018 , 37, 45-53	21
706	When MicroRNAs Meet RNA Editing in Cancer: A Nucleotide Change Can Make a Difference. 2018 , 40, 1700188	23
705	microRNA as a systemic intervention in the specific breast cancer subtypes with C-MYC impacts; introducing subtype-based appraisal tool. 2018 , 233, 5655-5669	11
704	miRNAs as Biomarkers for Predicting the Progression of Ductal Carcinoma in Situ. 2018 , 188, 542-549	13
703	MiR-770 suppresses the chemo-resistance and metastasis of triple negative breast cancer via direct targeting of STMN1. 2018 , 9, 14	84
702	Differentially Expressed mRNA Targets of Differentially Expressed miRNAs Predict Changes in the TP53 Axis and Carcinogenesis-Related Pathways in Human Keratinocytes Chronically Exposed to Arsenic. 2018 , 162, 645-654	21
701	The microRNA landscape of cutaneous squamous cell carcinoma. 2018 , 23, 864-870	20
700	MKAD-21 Suppresses the Oncogenic Activity of the miR-21/PPP2R2A/ERK Molecular Network in Bladder Cancer. 2018 , 17, 1430-1440	13
699	Profiles of miRNA Isoforms and tRNA Fragments in Prostate Cancer. 2018 , 8, 5314	41
698	miR-3140 suppresses tumor cell growth by targeting BRD4 via its coding sequence and downregulates the BRD4-NUT fusion oncoprotein. 2018 , 8, 4482	18
697	Impact of dietary compounds on cancer-related gut microbiota and microRNA. 2018 , 102, 4291-4303	13
696	Overexpression of resensitizes imatinib resistant chronic myeloid leukemia cells through targeting Hexokinase 2. 2018 , 38,	15
695	MicroRNA co-expression patterns unravel the relevance of extra cellular matrix and immunity in breast cancer. 2018 , 39, 46-52	5
694	Elucidating the effect of different amino-functionalized spherical mesoporous silica characteristics on ribonucleic acid selectivity and adsorption capacity. 2018 , 6, 70-81	2
693	Hybridization conditions of oligonucleotide-capped gold nanoparticles for SPR sensing of microRNA. 2018 , 109, 230-236	23
692	Dual-input molecular logic circuits for sensitive and simultaneous sensing of multiple microRNAs from tumor cells. 2018 , 264, 202-207	11
691	Interplay between miRNAs and human diseases. 2018 , 233, 2007-2018	213

690	Inducing Apoptosis and Decreasing Cell Proliferation in Human Acute Promyelocytic Leukemia Through Regulation Expression of by Let-7a-5p Blockage. 2018 , 34, 70-77	8
689	The potential of microRNAs as human prostate cancer biomarkers: A meta-analysis of related studies. 2018 , 119, 2763-2786	55
688	Candidate miRNAs in human breast cancer biomarkers: a systematic review. 2018 , 25, 198-205	75
687	MicroRNAs in Breast Cancer: Diagnostic and Therapeutic Potential. 2018 , 1699, 23-43	17
686	Epigenetics in multiple myeloma: From mechanisms to therapy. 2018 , 51, 101-115	43
685	Circulating miRNAs in nontumoral liver diseases. 2018 , 128, 274-287	14
684	Single-step, homogeneous and sensitive detection for microRNAs with dual-recognition steps based on luminescence resonance energy transfer (LRET) using upconversion nanoparticles. 2018 , 100, 475-481	27
683	Overexpression of MicroRNA miR-7-5p Is a Potential Biomarker in Neuroendocrine Neoplasms of the Small Intestine. 2018 , 106, 312-317	22
682	MiR-184 Retarded the Proliferation, Invasiveness and Migration of Glioblastoma Cells by Repressing Stanniocalcin-2. 2018 , 24, 853-860	13
681	miRNA genetic variants: As potential diagnostic biomarkers for oral cancer. 2018 , 214, 281-289	8
680	miR-221/222 cluster expression improves clinical stratification of non-muscle invasive bladder cancer (TaT1) patients' risk for short-term relapse and progression. 2018 , 57, 150-161	18
679	A novel report of MiR-4301 induces cell apoptosis by negatively regulating DRD2 expression in human breast cancer cells. 2018 , 119, 6408-6417	9
678	MicroRNA-based therapeutics in cardiovascular disease: screening and delivery to the target. 2018 , 46, 11-21	78
677	A Network-Based Integrative Workflow to Unravel Mechanisms Underlying Disease Progression. 2018 , 1702, 247-276	3
676	Accurate prediction and elucidation of drug resistance based on the robust and reproducible chemoresponse communities. 2018 , 142, 1427-1439	2
675	Pioglitazone/microRNA-141/FOXA2: A novel axis in pancreatic β cells proliferation and insulin secretion. 2018 , 17, 7931-7938	7
674	miRNAs as biomarkers and for the early detection of non-small cell lung cancer (NSCLC). 2018 , 10, 3119-3131	27
673	[ARTICLE WITHDRAWN] miR-630 Inhibits Epithelial-to-Mesenchymal Transition (EMT) by Regulating the Wnt/ β Catenin Pathway in Gastric Cancer Cells. 2018 , 27, 9-17	9

672	Discovering functional impacts of miRNAs in cancers using a causal deep learning model. 2018 , 11, 116	2
671	miR-205 targets YAP1 and inhibits proliferation and invasion in thyroid cancer cells. 2018 , 18, 1674-1681	12
670	Unique MicroRNA and mRNA Interactions in -Mutated Lung Adenocarcinoma. 2018 , 7,	12
669	Circulating miRNAs Associated with Arsenic Exposure. 2018 , 52, 14487-14495	19
668	miR-106b promotes cell invasion and metastasis via PTEN mediated EMT in ESCC. 2018 , 15, 4619-4626	14
667	Persistent mRNA and miRNA expression changes in irradiated baboons. 2018 , 8, 15353	5
666	Essence Vector-Based Query Modeling for Spoken Document Retrieval. 2018 ,	0
665	Plasma miR-21, miR-155, miR-10b, and Let-7a as the potential biomarkers for the monitoring of breast cancer patients. 2018 , 8, 17981	57
664	Control of Gene Expression. 2018 , 244-263	
663	Preclinical development of a microRNA-based therapy for intervertebral disc degeneration. 2018 , 9, 5051	97
662	Restoration of microRNA-130b expression suppresses osteosarcoma cell malignant behavior. 2018 , 16, 97-104	2
661	Representation Analysis of miRNA in Urine Microvesicles and Cell-Free Urine in Prostate Diseases. 2018 , 12, 156-163	2
660	MicroRNAs and DNA-Damaging Drugs in Breast Cancer: Strength in Numbers. 2018 , 8, 352	12
659	Emerging microRNAs in cancer diagnosis, progression, and immune surveillance. 2018 , 438, 126-132	64
658	MicroRNA-146b-3p Promotes Cell Metastasis by Directly Targeting in Human Papillary Thyroid Cancer. 2018 , 28, 1627-1641	17
657	Predicting Human miRNA-like Sequences within Human Papillomavirus Genomes. 2018 , 49, 323-334	2
656	Through oxaliplatin resistance induction in colorectal cancer cells, increasing ABCB1 level accompanies decreasing level of miR-302c-5p, miR-3664-5p and miR-129-5p. 2018 , 108, 1070-1080	22
655	MicroRNA-539 inhibits colorectal cancer progression by directly targeting SOX4. 2018 , 16, 2693-2700	14

654	Loss of GAS5 tumour suppressor lncRNA: an independent molecular cancer biomarker for short-term relapse and progression in bladder cancer patients. 2018 , 119, 1477-1486	29
653	Exosomes, Stem Cells and MicroRNA. 2018 ,	
652	MicroRNA-1 overexpression increases chemosensitivity of non-small cell lung cancer cells by inhibiting autophagy related 3-mediated autophagy. 2018 , 42, 1240-1249	30
651	MicroRNA-4728 serves as a suppressor and antagonist of oncogenic MAPK in Burkitt lymphoma. 2018 , 25, 982-985	
650	MicroRNA-4728 mediated regulation of MAPK oncogenic signaling in papillary thyroid carcinoma. 2018 , 25, 986-990	15
649	FBXL14 abolishes breast cancer progression by targeting CDCP1 for proteasomal degradation. 2018 , 37, 5794-5809	13
648	Negative Regulation of Kruppel-Like Factor 4 on microRNA-106a at Upstream Transcriptional Level and the Role in Gastric Cancer Metastasis. 2018 , 63, 2604-2616	4
647	Noncoding RNAs as a Cause of Cancer: Evidence From Genome-Wide Association Studies and Reverse Genetics. 2018 , 479-496	1
646	Identification of miR-379/miR-656 (C14MC) cluster downregulation and associated epigenetic and transcription regulatory mechanism in oligodendrogliomas. 2018 , 139, 23-31	11
645	Tree-based machine learning algorithms identified minimal set of miRNA biomarkers for breast cancer diagnosis and molecular subtyping. 2018 , 677, 111-118	25
644	Combining Extracellular miRNA Determination with Microfluidic 3D Cell Cultures for the Assessment of Nephrotoxicity: a Proof of Concept Study. 2018 , 20, 86	24
643	Small RNA-mediated prevention, diagnosis and therapies of cancer. 2018 , 341-436	
642	Knockdown of long non-coding RNA PEG10 inhibits growth, migration and invasion of gastric carcinoma cells via up-regulating miR-3200. 2018 , 65, 769-778	10
641	Targeting the Metastatic Bone Microenvironment by MicroRNAs. 2018 , 9, 202	18
640	MiR-99b-5p and miR-203a-3p Function as Tumor Suppressors by Targeting IGF-1R in Gastric Cancer. 2018 , 8, 10119	37
639	Identification of microRNA Biomarkers of Response to Neoadjuvant Chemoradiotherapy in Esophageal Adenocarcinoma Using Next Generation Sequencing. 2018 , 25, 2731-2738	12
638	Lentivirus-mediated overexpression of miR-124 suppresses growth and invasion by targeting JAG1 and EZH2 in gastric cancer. 2018 , 15, 7450-7458	10
637	Human Aging and Cancer: Role of miRNA in Tumor Microenvironment. 2018 , 1056, 137-152	35

636	MiR-23a transcriptional activated by Runx2 increases metastatic potential of mouse hepatoma cell via directly targeting Mgat3. 2018 , 8, 7366	22
635	miRNA expression profiles of premalignant and malignant arsenic-induced skin lesions. 2018 , 13, e0202579	27
634	4-Acetyl-Antroquinonol B Suppresses SOD2-Enhanced Cancer Stem Cell-Like Phenotypes and Chemoresistance of Colorectal Cancer Cells by Inducing hsa-miR-324 re-Expression. 2018 , 10,	20
633	Overexpression of miRNA 4451 is Associated With a Poor Survival of Patients With Hypopharyngeal Cancer After Surgery With Postoperative Radiotherapy. 2018 , 11, 1244-1250	3
632	Expression of miR-30c and miR-29b in prostate cancer and its diagnostic significance. 2018 , 16, 3140-3144	11
631	Hybridization-initiated exonuclease resistance strategy for simultaneous detection of multiple microRNAs. 2018 , 190, 248-254	9
630	Amplification of hsa-miR-191/425 locus promotes breast cancer proliferation and metastasis by targeting DICER1. 2018 , 39, 1506-1516	25
629	Malignant canine mammary epithelial cells shed exosomes containing differentially expressed microRNA that regulate oncogenic networks. 2018 , 18, 832	20
628	Effects of miRNA-130a on the proliferation and apoptosis of glioma cell lines. 2018 , 16, 2478-2482	7
627	Upregulation of miR-375 inhibits human liver cancer cell growth by modulating cell proliferation and apoptosis via targeting ErbB2. 2018 , 16, 3319-3326	26
626	Target-Induced Catalytic Assembly of Y-Shaped DNA and Its Application for In Situ Imaging of MicroRNAs. 2018 , 57, 9739-9743	72
625	Target-Induced Catalytic Assembly of Y-Shaped DNA and Its Application for In Situ Imaging of MicroRNAs. 2018 , 130, 9887-9891	7
624	Validation of miRNA prognostic power in hepatocellular carcinoma using expression data of independent datasets. 2018 , 8, 9227	787
623	Nucleic Acid Profiling in Tumor Exosomes. 2018 , 93-117	
622	Quantitative identification of proteins that influence miRNA biogenesis by RNA pull-down-SILAC mass spectrometry (RP-SMS). 2019 , 152, 12-17	8
621	Ascites-Derived Extracellular microRNAs as Potential Biomarkers for Ovarian Cancer. 2019 , 26, 510-522	20
620	A guide to nucleic acid detection by single-molecule kinetic fingerprinting. 2019 , 153, 3-12	20
619	A potential role of microvesicle-containing miR-223/142 in lung inflammation. 2019 , 74, 865-874	65

618	Analysis of 8q24.21 miRNA cluster expression and copy number variation in gastric cancer. 2019 , 11, 947-958	12
617	lncRNA XIST regulates proliferation and migration of hepatocellular carcinoma cells by acting as miR-497-5p molecular sponge and targeting PDCD4. 2019 , 19, 198	33
616	MicroRNA-510 Plays Oncogenic Roles in Non-Small Cell Lung Cancer by Directly Targeting SRC Kinase Signaling Inhibitor 1. 2019 , 27, 879-887	7
615	A cross-cancer metastasis signature in the microRNA-mRNA axis of paired tissue samples. 2019 , 46, 5919-5930	6
614	MicroRNA Biogenesis is Enhanced by Liposome-Encapsulated Pin1 Inhibitor in Hepatocellular Carcinoma. 2019 , 9, 4704-4716	7
613	Transfection of microRNA-143 mimic could inhibit migration of HN-5 cells through down-regulating of metastatic genes. 2019 , 716, 144033	3
612	miR-543 promoted the cell proliferation and invasion of nasopharyngeal carcinoma by targeting the JAM-A. 2019 , 32, 477-486	14
611	Decision tree-based classifiers for lung cancer diagnosis and subtyping using TCGA miRNA expression data. 2019 , 18, 2125-2131	15
610	MicroRNA-198 suppresses prostate tumorigenesis by targeting MIB1. 2019 , 42, 1047-1056	11
609	miRNAs as Candidate Biomarker for the Accurate Detection of Atypical Endometrial Hyperplasia/Endometrial Intraepithelial Neoplasia. 2019 , 9, 526	7
608	A highly efficient Baby Spinach-based minimal modified sensor (BSMS) for nucleic acid analysis. 2019 , 17, 7222-7227	6
607	Coated cationic lipid-nanoparticles entrapping miR-660 inhibit tumor growth in patient-derived xenografts lung cancer models. 2019 , 308, 44-56	23
606	Analysis of circulating non-coding RNAs in a non-invasive and cost-effective manner. 2019 , 117, 242-262	9
605	Exo-miRNAs as a New Tool for Liquid Biopsy in Lung Cancer. 2019 , 11,	41
604	Dual-strand tumor suppressor miR-193b-3p and -5p inhibit malignant phenotypes of lung cancer by suppressing their common targets. 2019 , 39,	14
603	BCR-ABL Independent Mechanisms of Resistance in Chronic Myeloid Leukemia. 2019 , 9, 939	39
602	Glycogen phosphorylase B promotes ovarian cancer progression via Wnt/ β -catenin signaling and is regulated by miR-133a-3p. 2019 , 120, 109449	31
601	Ferroptosis in Health and Disease. 2019 ,	1

600	Bayesian multilevel model of micro RNA levels in ovarian-cancer and healthy subjects. 2019 , 14, e0221764	6
599	The Role and Function of microRNA in the Pathogenesis of Multiple Myeloma. 2019 , 11,	36
598	Diagnostic Value of Circulating microRNAs in Hepatitis B Virus-Related Hepatocellular Carcinoma: A Systematic Review and Meta-Analysis. 2019 , 10, 4754-4764	11
597	Stem Cell Therapy for Hepatocellular Carcinoma: Future Perspectives. 2020 , 1237, 97-119	4
596	THYROID CANCER. 2019 , 415-444	
595	miR-616 promotes breast cancer migration and invasion by targeting TIMP2 and regulating MMP signaling. 2019 , 18, 2348-2355	6
594	Regulatory mechanisms of B cell responses and the implication in B cell-related diseases. 2019 , 26, 64	12
593	Role of miRNA-Regulated Cancer Stem Cells in the Pathogenesis of Human Malignancies. 2019 , 8,	115
592	MicroRNA-608 sensitizes non-small cell lung cancer cells to cisplatin by targeting TEAD2. 2019 , 20, 3519-3526	9
591	MicroRNA biogenesis, gene silencing mechanisms and role in breast, ovarian and prostate cancer. 2019 , 167, 12-24	40
590	Age-Related Alterations in Immune Contexture Are Associated with Aggressiveness in Rhabdomyosarcoma. 2019 , 11,	6
589	Ovarian Cancer: Differentially Expressed microRNAs in Tumor Tissue and Cell-Free Ascitic Fluid as Potential Novel Biomarkers. 2019 , 37, 440-452	6
588	Automatic discovery of 100-miRNA signature for cancer classification using ensemble feature selection. 2019 , 20, 480	30
587	E-cadherin Downregulation and microRNAs in Sporadic Intestinal-Type Gastric Cancer. 2019 , 20,	11
586	Role of miR-182-5p overexpression in trichloroethylene-induced abnormal cell cycle functions in human HepG2 cells. 2019 , 82, 920-927	5
585	Serum miR-223: A Validated Biomarker for Detection of Early-Stage Non-Small Cell Lung Cancer. 2019 , 28, 1926-1933	13
584	Long non-coding RNA CCAT1 is a prognostic biomarker for the progression of oral squamous cell carcinoma via miR-181a-mediated Wnt/ β catenin signaling pathway. 2019 , 18, 2902-2913	17
583	Circulating miRNA Profiling in Plasma Samples of Ovarian Cancer Patients. 2019 , 20,	22

582	Immune evasion by TGFβ-induced miR-183 repression of MICA/B expression in human lung tumor cells. 2019 , 8, e1557372	17
581	Differences in miRNA differential expression in whole blood between horses with sarcoid regression and progression. 2019 , 33, 241-250	8
580	Safety and efficacy evaluations of an adeno-associated virus variant for preparing IL10-secreting human neural stem cell-based therapeutics. 2019 , 26, 135-150	5
579	MicroRNA-29a activates a multi-component growth and invasion program in glioblastoma. 2019 , 38, 36	12
578	The intricate role of miR-155 in carcinogenesis: potential implications for esophageal cancer research. 2019 , 13, 147-159	10
577	Mechanistic Computational Models of MicroRNA-Mediated Signaling Networks in Human Diseases. 2019 , 20,	13
576	MicroRNA-4719 and microRNA-6756-5p Correlate with Castration-Resistant Prostate Cancer Progression through Interleukin-24 Regulation. 2019 , 5,	2
575	The microRNA and the perspectives of miR-302. 2019 , 5, e01167	6
574	Tumor-Targeting, MicroRNA-Silencing Porous Silicon Nanoparticles for Ovarian Cancer Therapy. 2019 , 11, 23926-23937	35
573	Knockdown of lncRNA LSINCT5 suppresses growth and metastasis of human glioma cells via up-regulating miR-451. 2019 , 47, 2507-2515	26
572	An ARF6-Exportin-5 axis delivers pre-miRNA cargo to tumour microvesicles. 2019 , 21, 856-866	57
571	Lineage-dependent role of miR-410-3p as oncomiR in gonadotroph and corticotroph pituitary adenomas or tumor suppressor miR in somatotroph adenomas via MAPK, PTEN/AKT, and STAT3 signaling pathways. 2019 , 65, 646-655	15
570	Pharmacoeconomic Considerations for the Treatment of Breast Cancer. 2019 , 531-539	
569	MicroRNAs in juvenile idiopathic arthritis: Can we learn more about pathophysiological mechanisms?. 2019 , 18, 796-804	5
568	Detection of novel biomarkers for early detection of Non-Muscle-Invasive Bladder Cancer using Competing Endogenous RNA network analysis. 2019 , 9, 8434	24
567	LncRNA SNHG7 contributes to tumorigenesis and progression in breast cancer by interacting with miR-34a through EMT initiation and the Notch-1 pathway. 2019 , 856, 172407	43
566	The Biological Function and Clinical Significance of miR-886-5p in Multiple Myeloma. 2019 , 142, 208-216	3
565	MicroRNA expression profile in retina and choroid in oxygen-induced retinopathy model. 2019 , 14, e0218282	23

564	miRNAs and Long-term Breast Cancer Survival: Evidence from the WHEL Study. 2019 , 28, 1525-1533	5
563	MicroRNAs as possible indicators of drug sensitivity in breast cancer cell lines. 2019 , 14, e0216400	33
562	Roles of Non-Coding RNAs in Normal Human Brain Development, Brain Tumor, and Neuropsychiatric Disorders. 2019 , 5,	28
561	The Role of MicroRNAs in the Regulation of Gastric Cancer Stem Cells: A Meta-Analysis of the Current Status. 2019 , 8,	17
560	Effects of MicroRNAs from Marine Invertebrate Stress Responses to Virus Infection on Tumorigenesis. 2019 , 251-283	
559	microRNA-messenger RNA regulatory network of esophageal squamous cell carcinoma and the identification of miR-1 as a biomarker of patient survival. 2019 , 120, 12259-12272	10
558	PELI3 mediates pro-tumor actions of down-regulated miR-365a-5p in non-small cell lung cancer. 2019 , 52, 24	5
557	Identification of a six-miRNA panel in serum benefiting pancreatic cancer diagnosis. 2019 , 8, 2810-2822	52
556	Sulforaphane Induces miR135b-5p and Its Target Gene, RASAL2, thereby Inhibiting the Progression of Pancreatic Cancer. 2019 , 14, 74-81	22
555	Pegylated interferon- β inhibits the proliferation of hepatocellular carcinoma cells by downregulating miR-155. 2019 , 18, 494-500	2
554	Alkannin inhibits proliferation, migration and invasion of hepatocellular carcinoma cells via regulation of miR-92a. 2019 , 114, 108782	10
553	MicroRNA-365a-3p inhibits c-Rel-mediated NF- κ B signaling and the progression of pancreatic cancer. 2019 , 452, 203-212	21
552	The expression of miR-375 in prostate cancer: A study based on GEO, TCGA data and bioinformatics analysis. 2019 , 215, 152375	14
551	MicroRNA-200b and -301 are associated with gemcitabine response as biomarkers in pancreatic carcinoma cells. 2019 , 54, 991-1000	8
550	CRISPR/Cas9: a powerful tool for identification of new targets for cancer treatment. 2019 , 24, 955-970	32
549	The current state and future directions of RNAi-based therapeutics. 2019 , 18, 421-446	489
548	A five-miRNA signature predicts survival in gastric cancer using bioinformatics analysis. 2019 , 699, 125-134	20
547	Circ0001429 regulates progression of bladder cancer through binding miR-205-5p and promoting VEGFA expression. 2019 , 25, 101-113	39

546	Increased Extracellular Matrix Protein Production in Chronic Diabetic Complications: Implications of Non-Coding RNAs. 2019 , 5,	10
545	miR-421 promotes apoptosis and suppresses metastasis of osteosarcoma cells via targeting LTBP2. 2019 , 120, 10978	11
544	Assessment of miR-98-5p, miR-152-3p, miR-326 and miR-4289 Expression as Biomarker for Prostate Cancer Diagnosis. 2019 , 20,	45
543	Conversion of Stem Cells to Cancer Stem Cells: Undercurrent of Cancer Initiation. 2019 , 11,	75
542	A Mirror Image Fluorogenic Aptamer Sensor for Live-Cell Imaging of MicroRNAs. 2019 , 4, 566-570	25
541	MiR-4458 inhibits breast cancer cell growth, migration, and invasiveness by targeting CPSF4. 2019 , 97, 722-730	22
540	The lncRNA Neat1 promotes activation of inflammasomes in macrophages. 2019 , 10, 1495	183
539	TARBP2-Enhanced Resistance during Tamoxifen Treatment in Breast Cancer. 2019 , 11,	2
538	MicroRNAs in diagnosis and therapeutics. 2019 , 137-177	8
537	Cloning and characterization of Bubaline mammary miRNAs: An in silico approach. 2019 , 46, 1257-1262	1
536	Multiplexed Nucleic Acid Sensing with Single-Molecule FRET. 2019 , 4, 623-633	21
535	MicroRNA-196a is regulated by ER and is a prognostic biomarker in ER+ breast cancer. 2019 , 120, 621-632	20
534	Emerging role of histone deacetylase inhibitors as anti-breast-cancer agents. 2019 , 24, 685-702	33
533	The dual functional role of MicroRNA-18a (miR-18a) in cancer development. 2019 , 8, 32	32
532	. 2019 ,	7
531	MicroRNAs in Pancreatic Cancer: biomarkers, prognostic, and therapeutic modulators. 2019 , 19, 1130	65
530	The Role of MicroRNA in Paediatric Acute Lymphoblastic Leukaemia: Challenges for Diagnosis and Therapy. 2019 , 2019, 8941471	9
529	DNA complexes as an efficient gene anticancer drug delivery therapy. 2019 , 485-549	

528	MiR-520f acts as a biomarker for the diagnosis of lung cancer. 2019 , 98, e16546	7
527	The Emerging Role of GC-MSCs in the Gastric Cancer Microenvironment: From Tumor to Tumor Immunity. 2019 , 2019, 8071842	2
526	MiR-101 acts as a novel bio-marker in the diagnosis of bladder carcinoma. 2019 , 98, e16051	4
525	Highly specific and sensitive detection of microRNAs by tandem signal amplification based on duplex-specific nuclease and strand displacement. 2019 , 55, 14210-14213	13
524	Imaging-Genomic Study of Head and Neck Squamous Cell Carcinoma: Associations Between Radiomic Phenotypes and Genomic Mechanisms via Integration of The Cancer Genome Atlas and The Cancer Imaging Archive. 2019 , 3, 1-9	27
523	A Five-MicroRNA Signature Predicts Survival and Disease Control of Patients with Head and Neck Cancer Negative for HPV Infection. 2019 , 25, 1505-1516	35
522	miRNA-126 enhances viability, colony formation, and migration of keratinocytes HaCaT cells by regulating PI3 K/AKT signaling pathway. 2019 , 43, 182-191	14
521	Influenza vaccine: Where are we and where do we go?. 2019 , 29, e2014	40
520	Circulating cell-free microRNAs in cutaneous melanoma staging and recurrence or survival prognosis. 2019 , 32, 486-499	13
519	MicroRNA-3666 inhibits lung cancer cell proliferation, migration, and invasiveness by targeting BPTF. 2019 , 97, 415-422	8
518	Circulating mir-320a promotes immunosuppressive macrophages M2 phenotype associated with lung cancer risk. 2019 , 144, 2746-2761	37
517	Unilesional mycosis fungoides is associated with increased expression of microRNA-17~92 and T helper 1 skewing. 2019 , 180, 1123-1134	4
516	Contributory role of microRNAs in anti-cancer effects of small molecule inhibitor of telomerase (BIBR1532) on acute promyelocytic leukemia cell line. 2019 , 846, 49-62	13
515	Identification and expression profiling analysis of microRNAs in Nile tilapia (<i>Oreochromis niloticus</i>) in response to <i>Streptococcus agalactiae</i> infection. 2019 , 87, 333-345	12
514	Modeling ncRNA-Mediated Circuits in Cell Fate Decision. 2019 , 1912, 411-426	5
513	Metal carcinogen exposure induces cancer stem cell-like property through epigenetic reprogramming: A novel mechanism of metal carcinogenesis. 2019 , 57, 95-104	34
512	Oligonucleotide Therapeutics as a New Class of Drugs for Malignant Brain Tumors: Targeting mRNAs, Regulatory RNAs, Mutations, Combinations, and Beyond. 2019 , 16, 319-347	21
511	MicroRNAs as prognostic markers in prostate cancer. 2019 , 79, 265-271	19

510	Nanoparticles Mediated Gene Knockout Through miRNA Replacement: Recent Progress and Challenges. 2019 , 469-497	5
509	Tumor suppressive activity of PIWI-interacting RNA in human fibrosarcoma mediated through repression of RRM2. 2019 , 58, 344-357	28
508	Circulating exosomal noncoding RNAs as prognostic biomarkers in human hepatocellular carcinoma. 2019 , 144, 1444-1452	116
507	Direct visualization of MicroRNA in vivo via an intelligent MnO ₂ -carried catalytic DNA machine. 2019 , 283, 124-129	5
506	MicroRNA amplification and detection technologies: opportunities and challenges for point of care diagnostics. 2019 , 99, 452-469	77
505	LINC00707 contributes to hepatocellular carcinoma progression via sponging miR-206 to increase CDK14. 2019 , 234, 10615-10624	23
504	miR-203 accelerates apoptosis and inflammation induced by LPS via targeting NFIL3 in cardiomyocytes. 2019 , 120, 6605-6613	14
503	Quantitative epigenetic analysis reveals significance of lipid metabolism regulatory miRNA-33a in defining different categories of arthritis. 2019 , 19, 160-167	3
502	Exosomes and their importance in metastasis, diagnosis, and therapy of colorectal cancer. 2018 , 120, 2671	34
501	Plasma miR-181a-5p Downregulation Predicts Response and Improved Survival After FOLFIRINOX in Pancreatic Ductal Adenocarcinoma. 2020 , 271, 1137-1147	23
500	Increased Expression of MiR-27a and MiR-24-2 in Esophageal Squamous Cell Carcinoma. 2020 , 51, 227-233	11
499	RNU6B, a frequent reference in miRNA expression studies, differentiates between deaths caused by hypothermia and chronic cardiac ischemia. 2020 , 134, 159-162	8
498	A systematic review and meta-analysis on performance of intelligent systems in lung cancer: Where are we?. 2020 , 53, 3287-3298	0
497	Cluster miRNAs and cancer: Diagnostic, prognostic and therapeutic opportunities. 2020 , 11, e1563	19
496	RT-Hpro-PCR: A MicroRNA Detection System Using a Primer with a DNA Tag. 2020 , 21, 477-480	3
495	MicroRNAs: Crucial Regulators of Stress. 2020 , 9, 93-100	2
494	MicroRNA-17-5p targets expression of cancer-associated genes in breast cancer cells. 2020 , 24, 100614	1
493	Lipid nanocarriers for microRNA delivery. 2020 , 226, 104837	29

492	Dissimilar Appearances Are Deceptive-Common microRNAs and Therapeutic Strategies in Liver Cancer and Melanoma. 2020 , 9,	10
491	Accurate cancer cell identification and microRNA silencing induced therapy using tailored DNA tetrahedron nanostructures. 2020 , 11, 80-86	52
490	An insight of microRNAs performance in carcinogenesis and tumorigenesis; an overview of cancer therapy. 2020 , 240, 117077	30
489	Review Measurement and Analysis of Cancer Biomarkers Based on Electrochemical Biosensors. 2020 , 167, 037525	68
488	Chimeric peptide supramolecular nanoparticles for plectin-1 targeted miRNA-9 delivery in pancreatic cancer. 2020 , 10, 1151-1165	18
487	Anticancer innovative therapy: Highlights from the ninth annual meeting. 2020 , 51, 1-9	
486	Explaining Gene Expression Using Twenty-One MicroRNAs. 2020 , 27, 1157-1170	2
485	Circulating microRNAs as biomarkers for early diagnosis of cutaneous melanoma. 2020 , 20, 19-30	5
484	Circulating microRNAs predict the response to anti-PD-1 therapy in non-small cell lung cancer. 2020 , 112, 2063-2071	29
483	Oncogenesis and Tumor Inhibition by MicroRNAs and its Potential Therapeutic Applications: A Systematic Review. 2020 , 9, 198-215	5
482	MicroRNA-7 targets T-Box 2 to inhibit epithelial-mesenchymal transition and invasiveness in glioblastoma multiforme. 2020 , 493, 133-142	9
481	Epigenetic Aberrations in Multiple Myeloma. 2020 , 12,	8
480	[Liquid biopsy-a possible key player in immuno-oncology]. 2020 , 68, 899-904	0
479	miR-192 overexpression effect on DHFR and TYMS in acute lymphoblastic leukemia. 2020 , 21, 100887	
478	Breast cancer biomarker detection through the photoluminescence of epitaxial monolayer MoS flakes. 2020 , 10, 16039	11
477	The correlation and role analysis of KCNK2/4/5/15 in Human Papillary Thyroid Carcinoma microenvironment. 2020 , 11, 5162-5176	1
476	MicroRNA-27a-3p aggravates renal ischemia/reperfusion injury by promoting oxidative stress via targeting growth factor receptor-bound protein 2. 2020 , 155, 104718	13
475	Identification of differentially expressed circulating serum microRNA for the diagnosis and prognosis of Indian non-small cell lung cancer patients. 2020 , 44, 100540	23

474	Epithelial/mesenchymal heterogeneity of high-grade serous ovarian carcinoma samples correlates with miRNA let-7 levels and predicts tumor growth and metastasis. 2020 , 14, 2796-2813	11
473	Update of the risk assessment of nickel in food and drinking water. 2020 , 18, e06268	26
472	,,, and Polymorphisms are Associated with Ischemic Stroke Susceptibility and Post-Stroke Mortality. 2020 , 10,	4
471	Advances of exosome isolation techniques in lung cancer. 2020 , 47, 7229-7251	3
470	Circulating miR-16-5p, miR-92a-3p, and miR-451a in Plasma from Lung Cancer Patients: Potential Application in Early Detection and a Regulatory Role in Tumorigenesis Pathways. 2020 , 12,	17
469	Identification of miR-135b as a novel regulator of TGF β pathway in gastric cancer. 2020 , 76, 549-560	1
468	Low glucose enhanced metformin's inhibitory effect on pancreatic cancer cells by suppressing glycolysis and inducing energy stress via up-regulation of miR-210-5p. 2020 , 19, 2168-2181	10
467	Development of MicroRNAs as Potential Therapeutics against Cancer. 2020 , 2020, 8029721	18
466	MiR-669b-3p regulates CD4 T cell function by down-regulating indoleamine-2, 3-dioxygenase. 2020 , 62, 101320	4
465	Circulating Cell-Free Nucleic Acids as Epigenetic Biomarkers in Precision Medicine. 2020 , 11, 844	18
464	Downregulation of miR-654-3p in Colorectal Cancer Indicates Poor Prognosis and Promotes Cell Proliferation and Invasion by Targeting SRC. 2020 , 11, 577948	2
463	miR-224 targets and promotes cell migration and invasion in colorectal cancer. 2020 , 10, 485	7
462	miR-196b-5p-mediated downregulation of FAS promotes NSCLC progression by activating IL6-STAT3 signaling. 2020 , 11, 785	12
461	Deregulated microRNAs Are Associated with Patient Survival and Predicted to Target Genes That Modulate Lung Cancer Signaling Pathways. 2020 , 12,	3
460	miRNAs expression signature potentially associated with lymphatic dissemination in locally advanced prostate cancer. 2020 , 13, 129	9
459	Age-Associated Salivary MicroRNA Biomarkers for Oculopharyngeal Muscular Dystrophy. 2020 , 21,	5
458	Molybdenum disulfide nanomaterial sensor-based detection of breast cancer microRNA. 2020 , 10, 915-921	4
457	KAP1-associated transcriptional inhibitory complex regulates C2C12 myoblasts differentiation and mitochondrial biogenesis via miR-133a repression. 2020 , 11, 732	1

456	MiR-302b as a Combinatorial Therapeutic Approach to Improve Cisplatin Chemotherapy Efficacy in Human Triple-Negative Breast Cancer. 2020 , 12,	7
455	Regulators at Every Step-How microRNAs Drive Tumor Cell Invasiveness and Metastasis. 2020 , 12,	8
454	Hsa_circ_0000069 Knockdown Inhibits Tumorigenesis and Exosomes with Downregulated hsa_circ_0000069 Suppress Malignant Transformation via Inhibition of STIL in Pancreatic Cancer. 2020 , 15, 9859-9873	17
453	The role of miR-125b-5p- AKT serine/threonine kinase 1 axis in osteosarcoma. 2020 , 21, 100935	
452	Development of a miRNA-controlled dual-sensing system and its application for targeting miR-21 signaling in tumorigenesis. 2020 , 52, 1989-2004	0
451	MiR-646 regulates proliferation and migration of laryngeal carcinoma through the PI3K/AKT pathway via targeting GPX1. 2021 , 27, 1678-1686	
450	Identification of Early Recurrence Factors in Childhood and Adolescent B-Cell Acute Lymphoblastic Leukemia Based on Integrated Bioinformatics Analysis. 2020 , 10, 565455	3
449	MicroRNAs-Based Nano-Strategies as New Therapeutic Approach in Multiple Myeloma to Overcome Disease Progression and Drug Resistance. 2020 , 21,	20
448	How microRNAs affect the PD-L1 and its synthetic pathway in cancer. 2020 , 84, 106594	11
447	miR-622 is a novel potential biomarker of breast carcinoma and impairs motility of breast cancer cells through targeting NUA1 kinase. 2020 , 123, 426-437	10
446	Exosomal miR-21 promotes proliferation, invasion and therapy resistance of colon adenocarcinoma cells through its target PDCD4. 2020 , 10, 8271	29
445	MiR-210-3p Inhibits Proliferation and Migration of C6 Cells by Targeting Iscu. 2020 , 45, 1813-1824	1
444	Functional Landscape of Dysregulated MicroRNAs in Oral Squamous Cell Carcinoma: Clinical Implications. 2020 , 10, 619	11
443	MicroRNA Expression Profiling of Cutaneous Squamous Cell Carcinomas Arising in Different Sites. 2020 , 163, 538-545	2
442	miR-199a-5p Exacerbated Intestinal Barrier Dysfunction through Inhibiting Surfactant Protein D and Activating NF-B Pathway in Sepsis. 2020 , 2020, 8275026	3
441	A concise review on impacts of microRNAs in biology and medicine of hepatitis C virus. 2020 , 20, 100761	
440	Serum miR-92a-1 is a novel diagnostic biomarker for colorectal cancer. 2020 , 24, 8363-8367	10
439	CircLONP2 enhances colorectal carcinoma invasion and metastasis through modulating the maturation and exosomal dissemination of microRNA-17. 2020 , 19, 60	59

438	miR-TV: an interactive microRNA Target Viewer for microRNA and target gene expression interrogation for human cancer studies. 2020 , 2020,	12
437	MicroRNA-145 suppresses epithelial to mesenchymal transition in pancreatic cancer cells by inhibiting TGF-β signaling pathway. 2020 , 11, 2716-2723	7
436	Dietary alterations modulate the microRNA 29/30 and IGF-1/AKT signaling axis in breast Cancer liver metastasis. 2020 , 17, 23	10
435	Differential expression of circulating serum miR-1249-3p, miR-3195, and miR-3692-3p in non-small cell lung cancer. 2020 , 33, 839-849	8
434	Expression of let-7i and miR-192 is associated with resistance to cisplatin-based chemoradiotherapy in patients with larynx and hypopharynx cancer. 2020 , 109, 104851	2
433	Differences between Well-Differentiated Neuroendocrine Tumors and Ductal Adenocarcinomas of the Pancreas Assessed by Multi-Omics Profiling. 2020 , 21,	4
432	miR-196a-mediated downregulation of p27 protein promotes prostate cancer proliferation and relates to biochemical recurrence after radical prostatectomy. 2020 , 80, 1024-1037	6
431	Interplay of EMT and CSC in Cancer and the Potential Therapeutic Strategies. 2020 , 11, 904	41
430	Two miRNA prognostic signatures of head and neck squamous cell carcinoma: A bioinformatic analysis based on the TCGA dataset. 2020 , 9, 2631-2642	7
429	Drug-Related Carcinogenesis: Risk Factors and Approaches for Its Prevention. 2020 , 85, S79-S107	5
428	Visual detection of microRNA146a by using RNA-functionalized gold nanoparticles. 2020 , 187, 192	7
427	MicroRNA expression profiles in the esophagus of children with caustic stenosis: A pathway towards esophageal cancer?. 2020 , 55, 2144-2149	2
426	Geniposide exhibits anticancer activity to medulloblastoma cells by downregulating microRNA-373. 2020 , 34, e22471	5
425	Elaeocarpus reticulatus fruit extracts reduce viability and induce apoptosis in pancreatic cancer cells in vitro. 2020 , 47, 2073-2084	1
424	Assessment of PDGFRβ promoter methylation in canine osteosarcoma using methylation-sensitive high-resolution melting analysis. 2020 , 18, 484-493	2
423	Systemic biological study for identification of miR-299-5p target genes in cancer. 2020 , 24, 100655	3
422	miR-210 is induced by hypoxia and regulates neural cell adhesion molecule in prostate cells. 2020 , 235, 6194-6203	3
421	miR-206 Reduces the Severity of Motor Neuron Degeneration in the Facial Nuclei of the Brainstem in a Mouse Model of SMA. 2020 , 28, 1154-1166	11

420	MicroRNAs and Neutrophil Activation Markers Predict Venous Thrombosis in Pancreatic Ductal Adenocarcinoma and Distal Extrahepatic Cholangiocarcinoma. 2020 , 21,	16
419	Unknown Areas of Activity of Human Ribonuclease Dicer: A Putative Deoxyribonuclease Activity. 2020 , 25,	5
418	MicroRNA binding site polymorphism in inflammatory genes associated with colorectal cancer: literature review and bioinformatics analysis. 2020 , 27, 739-753	10
417	MicroRNA Expression Profiling of Normal and Malignant Human Colonic Stem Cells Identifies as a Regulator of the Stem Cell Gene. 2020 , 21,	4
416	Identification of Cerebrospinal Fluid MicroRNAs Associated With Leptomeningeal Metastasis From Lung Adenocarcinoma. 2020 , 10, 387	4
415	Folate pathways mediating the effects of ethanol in tumorigenesis. 2020 , 324, 109091	5
414	Unique microRNA alterations in hepatocellular carcinomas arising either spontaneously or due to chronic exposure to Ginkgo biloba extract (GBE) in B6C3F1/N mice. 2020 , 94, 2523-2541	2
413	The Promising Role of miR-21 as a Cancer Biomarker and Its Importance in RNA-Based Therapeutics. 2020 , 20, 409-420	89
412	Predicting the presence of breast cancer using circulating small RNAs, including those in the extracellular vesicles. 2020 , 111, 2104-2115	11
411	Relationship between Sphk1/S1P and microRNAs in human cancers. 2021 , 68, 279-287	7
410	A Licorice Roots Extract Induces Apoptosis and Cell Cycle Arrest and Improves Metabolism via Regulating MiRNAs in Liver Cancer Cells. 2021 , 73, 1047-1058	4
409	Role of tissue and circulating microRNAs and DNA as biomarkers in medullary thyroid cancer. 2021 , 219, 107708	2
408	Epigenetic regulation of cancer stem cell formation and maintenance. 2021 , 148, 2884-2897	6
407	Emerging roles for HMGA2 in colorectal cancer. 2021 , 14, 100894	9
406	MicroRNA function in craniofacial bone formation, regeneration and repair. 2021 , 144, 115789	5
405	Beyond regulations at DNA levels: A review of epigenetic therapeutics targeting cancer stem cells. 2021 , 54, e12963	6
404	Role of cholesterol metabolism in the anticancer pharmacology of selective estrogen receptor modulators. 2021 , 73, 101-115	5
403	Plasma microRNA panels to diagnose pancreatic cancer: Results from a multicenter study. 2016 , 7, 41575-41583	9

402	Modulation of noncoding RNAs (ncRNAs) and their potential role as therapeutics. 2021 , 721-740	
401	High-Throughput Identification of miRNA-Target Interactions in Melanoma Using miR-CATCHv2.0. 2021 , 2265, 487-512	
400	A systematic review of microRNAs as potential biomarkers for diagnosis and prognosis of gastric cancer. 2021 , 73, 155-161	4
399	Isolation of Extracellular Vesicles from Biological Fluids via the Aggregation-Precipitation Approach for Downstream miRNAs Detection. 2021 , 11,	3
398	Circulating miR-30b-5p levels in plasma as a novel potential biomarker for early detection of breast cancer. 2021 , 6, 100039	8
397	Overview and Update on Methods for Cargo Loading into Extracellular Vesicles. 2021 , 9,	16
396	Identification of novel dysregulated circular RNAs in early-stage breast cancer. 2021 , 25, 3912-3921	7
395	miRNAs as biomarkers for early cancer detection and their application in the development of new diagnostic tools. 2021 , 20, 21	20
394	miRNAs mediated drug resistance in hematological malignancies. 2021 ,	4
393	Precision Oncology, Signaling and Anticancer Agents in Cancer Therapeutics. 2021 ,	1
392	Dissecting miRNA signature in colorectal cancer progression and metastasis. 2021 , 501, 66-82	8
391	Electroacupuncture Inhibits Autophagy of Neuron Cells in Postherpetic Neuralgia by Increasing the Expression of miR-223-3p. 2021 , 2021, 6637693	3
390	Small Non-Coding-RNA in Gynecological Malignancies. 2021 , 13,	8
389	Construction of a microRNA-mRNA Regulatory Network in Cytogenetically Normal Acute Myeloid Leukemia Patients. 2021 , 25, 199-210	2
388	Peripheral Blood Genetic Biomarkers for the Early Diagnosis of Hepatocellular Carcinoma. 2021 , 11, 583714	1
387	The Importance of Epigenetics in Diagnostics and Treatment of Major Depressive Disorder. 2021 , 11,	3
386	LINC01816 promotes the migration, invasion and epithelial-mesenchymal transition of thyroid carcinoma cells by sponging miR-34c-5p and regulating CRABP2 expression levels. 2021 , 45,	4
385	Follicular fluid exosomes: Important modulator in proliferation and steroid synthesis of porcine granulosa cells. 2021 , 35, e21610	3

384	Epithelial Splicing Regulatory Protein 1 Is Overexpressed in Breast Cancer and Predicts Poor Prognosis for Breast Cancer Patients. 2021 , 27, e931102	5
383	Usefulness of microRNA detection in the diagnostics of endometrial cancer. 2021 , 100, 1148-1154	2
382	Ultrasensitive isothermal method to detect microRNA based on target-induced chain amplification reaction. 2021 , 178, 113048	5
381	Frontiers of MicroRNA Signature in Non-small Cell Lung Cancer. 2021 , 9, 643942	9
380	GW182 Proteins Restrict Extracellular Vesicle-Mediated Export of MicroRNAs in Mammalian Cancer Cells. 2021 , 41,	3
379	Cancer Stem Cells Are Possible Key Players in Regulating Anti-Tumor Immune Responses: The Role of Immunomodulating Molecules and MicroRNAs. 2021 , 13,	3
378	Long non-coding RNA KCNQ1OT1 increases the expression of PDCD4 by targeting miR-181a-5p, contributing to cardiomyocyte apoptosis in diabetic cardiomyopathy. 2021 , 58, 1251-1267	5
377	Computational biology and chemistry Special section editorial: Computational analyses for miRNA. 2021 , 91, 107448	0
376	Downregulation of miR-588 is associated with tumor progression and unfavorable prognosis in patients with osteosarcoma. 2021 , 21, 592	1
375	MicroRNA Expression Changes and Integrated Pathways Associated With Poor Outcome in Canine Osteosarcoma. 2021 , 8, 637622	1
374	Oncogenic long intervening noncoding RNA Linc00284 promotes c-Met expression by sponging miR-27a in colorectal cancer. 2021 , 40, 4151-4166	9
373	Learning from Embryogenesis-A Comparative Expression Analysis in Melanoblast Differentiation and Tumorigenesis Reveals miRNAs Driving Melanoma Development. 2021 , 10,	1
372	Circulating RNA in Kidney Cancer: What We Know and What We Still Suppose. 2021 , 12,	4
371	MiRNAs in early brain development and pediatric cancer: At the intersection between healthy and diseased embryonic development. 2021 , 43, e2100073	1
370	miR-590-5p targets RMND5A and promotes migration in pancreatic adenocarcinoma cell lines. 2021 , 22, 532	1
369	MicroRNA-296-5p inhibits cell proliferation by targeting HMGA1 in colorectal cancer. 2021 , 22, 793	0
368	A concurrent canonical and modified miRNAome pan-cancer study on TCGA and TARGET cohorts leads to an enhanced resolution in cancer.	0
367	Assessment of circulating microRNA specific for patients with familial adenomatous polyposis. 2021 , 16, e0250072	1

366	LncRNA MONC suppresses the malignant phenotype of Endometrial Cancer Stem Cells and Endometrial Carcinoma Cells by regulating the MiR-636/GLCE axis. 2021 , 21, 331		2
365	miR-9 modulates and predicts the response to radiotherapy and EGFR inhibition in HNSCC. <i>EMBO Molecular Medicine</i> , 2021 , 13, e12872	12	5
364	miRNA signaling networks in cancer stem cells. 2021 , 17, 1-7		3
363	MicroRNA as a Novel Biomarker in the Diagnosis of Head and Neck Cancer. 2021 , 11,		4
362	Identification of Tumor Suppressive Genes Regulated by and in Head and Neck Squamous Cell Carcinoma. 2021 , 22,		6
361	The function of miR-637 in non-small cell lung cancer progression and prognosis. 2021 ,		0
360	Antisense microRNA185 loaded liposome for efficient inhibition of the hepatic endogenous microRNA185 level. 2021 , 161, 105803		0
359	Exploring the MiRnome of Carica papaya: A cross kingdom approach. 2021 , 23, 101089		3
358	Extracellular Vesicles and Pancreatic Cancer: Insights on the Roles of miRNA, lncRNA, and Protein Cargos in Cancer Progression. 2021 , 10,		8
357	MicroRNA-10b modulates cisplatin tolerance by targeting p53 directly in lung cancer cells. 2021 , 46,		4
356	The expression of miRNA-152-3p and miRNA-185 in tumor tissues versus margin tissues of patients with chemo-treated breast cancer. 2021 , 14, 234		1
355	Circular RNA profiling reveals a potential role of hsa_circ_IPCEF1 in papillary thyroid carcinoma. 2021 , 24,		0
354	MicroRNAs as biomarkers and perspectives in the therapy of pancreatic cancer. 2021 , 476, 4191-4203		3
353	Stimuli-Responsive Autonomous-Motion Molecular Machine for Sensitive Simultaneous Fluorescence Imaging of Intracellular MicroRNAs. 2021 , 93, 9869-9877		5
352	Identification of Cancer Hub Gene Signatures Associated with Immune-Suppressive Tumor Microenvironment and Ovatodiolide as a Potential Cancer Immunotherapeutic Agent. 2021 , 13,		10
351	The Role of Exosomes and Their Cargos in the Mechanism, Diagnosis, and Treatment of Atrial Fibrillation. 2021 , 8, 712828		1
350	The Tumorigenic Properties of EZH2 are Mediated by MiR-26a in Uveal Melanoma. 2021 , 8, 713542		2
349	Sulforaphane as a potential remedy against cancer: Comprehensive mechanistic review. 2021 , e13886		3

348	Mide Kanseri Ve Preoperatif Anemi Arasındaki İlinin Değerlendirilmesi. 240-245	
347	Breast Cancer-Epidemiology, Risk Factors, Classification, Prognostic Markers, and Current Treatment Strategies-An Updated Review. 2021 , 13,	49
346	miR-184 delays cell proliferation, migration and invasion in prostate cancer by directly suppressing DLX1. 2021 , 22, 1163	0
345	The Alterations and Potential Roles of MCMs in Breast Cancer. 2021 , 2021, 7928937	5
344	LAMTOR5 expression level is a biomarker for colorectal cancer and lncRNA LAMTOR5-AS1 predicting miRNA sponging effect. 2021 , 48, 6093-6101	1
343	microRNA-506-3p suppresses the proliferation of triple negative breast cancer cells via targeting SNAI2. 2021 , 17, 513-522	
342	Cigarette Smoking Alters the Expression of Circulating microRNAs and Its Potential Diagnostic Value in Female Lung Cancer Patients. 2021 , 10,	0
341	Dysregulation of microRNAs in metal-induced angiogenesis and carcinogenesis. 2021 , 76, 279-286	4
340	The Clinical Significance and Functional Role of miR-466 in Gastric Cancer Peritoneal Metastasis. 2021 , 1	
339	MicroRNA-182-5p and microRNA-205-5p as potential biomarkers for prognostic stratification of p16-positive oropharyngeal squamous cell carcinoma. 2021 ,	0
338	Extracellular Vesicle-Associated miRNAs and Chemoresistance: A Systematic Review. 2021 , 13,	4
337	Role of Circulating miRNAs in Therapeutic Response in Epithelial Ovarian Cancer: A Systematic Revision. 2021 , 9,	1
336	An integrated analysis of DNA promoter methylation, microRNA regulation, and gene expression in gastric adenocarcinoma. 2021 , 9, 1414	
335	Restoration of miR-124 serves as a promising therapeutic approach in CRC by affecting CDK6 which is itself a prognostic and diagnostic factor. 2021 , 24, 101274	0
334	Four plasma miRNAs act as biomarkers for diagnosis and prognosis of non-small cell lung cancer. 2021 , 22, 792	3
333	Ascites in ovarian cancer: MicroRNA deregulations and their potential roles in ovarian carcinogenesis. 2021 ,	3
332	Association study of relationships of polymorphisms in the miR-21, miR-26b, miR-221/222 and miR-126 genes with cervical intraepithelial neoplasia and cervical cancer. 2021 , 21, 997	1
331	miR-145 inhibits mitochondrial function of ovarian cancer by targeting ARL5B. 2021 , 14, 8	2

330	Bioinformatics Analyses of Potential miRNA-mRNA Regulatory Axis in HBV-related Hepatocellular Carcinoma. 2021 , 18, 335-346	6
329	Prognostic value of low microRNA-34a expression in human gastrointestinal cancer: a systematic review and meta-analysis. 2021 , 21, 63	1
328	Small Molecule-Induced Dimerization of Hairpin RNA Interfered with the Dicer Cleavage Reaction. 2021 , 60, 245-249	1
327	Evaluation of microRNA-223 and microRNA-125a expression association with STAT3 and Bcl2 genes in blood leukocytes of CLL patients: a case-control study. 2021 , 14, 21	1
326	microRNA-30d mediated breast cancer invasion, migration, and EMT by targeting KLF11 and activating STAT3 pathway. 2018 , 119, 8138-8145	22
325	MicroRNAs in Drosophila Cancer Models. 2019 , 1167, 157-173	7
324	Performance Comparison and Data Analysis Strategies for MicroRNA Profiling in Cancer Research. 2015 , 239-265	1
323	Mechanisms of Nickel Carcinogenesis. 2017 , 181-197	6
322	Y RNAs: Biogenesis, Function and Implications for the Cardiovascular System. 2020 , 1229, 327-342	5
321	Non-coding RNAs: ever-expanding diversity of types and functions. 2020 , 5-57	4
320	LncRNA GSEC promotes the proliferation, migration and invasion by sponging miR-588/ EIF5A2 axis in osteosarcoma. 2020 , 532, 300-307	10
319	Astragaloside IV suppresses development of hepatocellular carcinoma by regulating miR-150-5p/βcatenin axis. 2020 , 78, 103397	12
318	Interactive cooperation and hierarchical operation of microRNA and transcription factor crosstalk in human transcriptional regulatory network. 2016 , 10, 219-228	17
317	High expression of microRNA 221 is a poor predictor for glioma. 2020 , 99, e23163	2
316	Imaging-Genomics Study Of Head-Neck Squamous Cell Carcinoma: Associations Between Radiomic Phenotypes And Genomic Mechanisms Via Integration Of TCGA And TCIA.	1
315	Ensemble Feature Selection and Meta-Analysis of Cancer miRNA Biomarkers.	2
314	Cigarette smoke mediates epigenetic repression of miR-487b during pulmonary carcinogenesis. 2013 , 123, 1241-61	101
313	Implications of new prognostic markers in chronic lymphocytic leukemia. 2012 , 2012, 76-87	38

312	MicroRNA-21 Contributes to Liver Regeneration by Targeting PTEN. 2016 , 22, 83-91	19
311	Clinical applications of microRNAs. 2013 , 2, 136	109
310	Novel targets of miR-30, a microRNA required for biliary development. 2013 , 2, 197	8
309	New target genes of MITF-induced microRNA-211 contribute to melanoma cell invasion. 2013 , 8, e73473	56
308	Candidate microRNA biomarkers in human gastric cancer: a systematic review and validation study. 2013 , 8, e73683	68
307	Insulin-like growth factor 1 receptor (IGF-1R) as a target of MiR-497 and plasma IGF-1R levels associated with TNM stage of pancreatic cancer. 2014 , 9, e92847	30
306	Circulating exosomal microRNAs as biomarkers of colon cancer. 2014 , 9, e92921	547
305	Molecular characterization of the peripheral airway field of cancerization in lung adenocarcinoma. 2015 , 10, e0118132	15
304	Identification of microRNAs in Macaca fascicularis (Cynomolgus Monkey) by Homology Search and Experimental Validation by Small RNA-Seq and RT-qPCR Using Kidney Cortex Tissues. 2015 , 10, e0142708	14
303	Simultaneous Determination of Multiple microRNA Levels Utilizing Biotinylated Dideoxynucleotides and Mass Spectrometry. 2016 , 11, e0153201	5
302	Dysfunctional miRNA-Mediated Regulation in Chromophobe Renal Cell Carcinoma. 2016 , 11, e0156324	4
301	Activation of the miR-34a/SIRT1/p53 Signaling Pathway Contributes to the Progress of Liver Fibrosis via Inducing Apoptosis in Hepatocytes but Not in HSCs. 2016 , 11, e0158657	49
300	MicroRNA and Transcription Factor Gene Regulatory Network Analysis Reveals Key Regulatory Elements Associated with Prostate Cancer Progression. 2016 , 11, e0168760	34
299	Cyclosporine A alters expression of renal microRNAs: New insights into calcineurin inhibitor nephrotoxicity. 2017 , 12, e0175242	25
298	Determination of absolute expression profiles using multiplexed miRNA analysis. 2017 , 12, e0180988	10
297	MiR-34a regulates the invasive capacity of canine osteosarcoma cell lines. 2018 , 13, e0190086	18
296	BC200 RNA: An Emerging Therapeutic Target and Diagnostic Marker for Human Cancer. 2018 , 41, 993-999	17
295	CircHIPK3/miR-381-3p axis modulates proliferation, migration, and glycolysis of lung cancer cells by regulating the AKT/mTOR signaling pathway. 2020 , 15, 683-695	7

294	Dopamine (D1) Receptors and Single Nucleotide Polimorphisms (SNPs) in Patients with Cognitive Impairment of Major Depressive Disorder (MDD).. 2017 , 2, 001-002	1
293	[Representation analysis of miRNA from clarified urine and urine microvesicles in prostate malignancies and non-malignant neoplasms]. 2018 , 64, 38-45	1
292	Reduced miR-203 predicts metastasis and poor survival in esophageal carcinoma. 2019 , 11, 12114-12130	3
291	Evidence that dysplasia related microRNAs in Barrett's esophagus target PD-L1 expression and contribute to the development of esophageal adenocarcinoma. 2020 , 12, 17062-17078	1
290	Anti-miR-203 suppresses ER-positive breast cancer growth and stemness by targeting SOCS3. 2016 , 7, 58595-58605	117
289	Identification of miR-30b-3p and miR-30d-5p as direct regulators of androgen receptor signaling in prostate cancer by complementary functional microRNA library screening. 2016 , 7, 72593-72607	51
288	miR-22 targets YWHAZ to inhibit metastasis of hepatocellular carcinoma and its down-regulation predicts a poor survival. 2016 , 7, 80751-80764	36
287	Discovery and replication of microRNAs for breast cancer risk using genome-wide profiling. 2016 , 7, 86457-86468	68
286	Visualization of exosome-mediated miR-210 transfer from hypoxic tumor cells. 2017 , 8, 9899-9910	89
285	EZH2 inhibition in multiple myeloma downregulates myeloma associated oncogenes and upregulates microRNAs with potential tumor suppressor functions. 2017 , 8, 10213-10224	37
284	Integrative miRNA and mRNA analysis in penile carcinomas reveals markers and pathways with potential clinical impact. 2017 , 8, 15294-15306	25
283	microRNA-210-3p depletion by CRISPR/Cas9 promoted tumorigenesis through revival of TWIST1 in renal cell carcinoma. 2017 , 8, 20881-20894	45
282	miR-133b, a particular member of myomiRs, coming into playing its unique pathological role in human cancer. 2017 , 8, 50193-50208	24
281	Deregulated expression of miR-29a-3p, miR-494-3p and miR-660-5p affects sensitivity to tyrosine kinase inhibitors in CML leukemic stem cells. 2017 , 8, 49451-49469	34
280	Pooling-analysis for diagnostic and prognostic value of MiRNA-100 in various cancers. 2017 , 8, 62703-62715	13
279	Epigenetic silencing of miR-296 and miR-512 ensures hTERT dependent apoptosis protection and telomere maintenance in basal-type breast cancer cells. 2017 , 8, 95674-95691	27
278	MiR-497 downregulation contributes to the malignancy of pancreatic cancer and associates with a poor prognosis. 2014 , 5, 6983-93	69
277	Prognostic and clinicopathological significance of microRNA-494 overexpression in cancers: a meta-analysis. 2018 , 9, 1279-1290	2

276	The functional mechanism of miR-125b in gastric cancer and its effect on the chemosensitivity of cisplatin. 2018 , 9, 2105-2119	22
275	MicroRNA-339-5p inhibits colorectal tumorigenesis through regulation of the MDM2/p53 signaling. 2014 , 5, 9106-17	45
274	Let-7c inhibits migration and epithelial-mesenchymal transition in head and neck squamous cell carcinoma by targeting and. 2018 , 9, 8927-8940	10
273	miR-524-5p suppresses the growth of oncogenic BRAF melanoma by targeting BRAF and ERK2. 2014 , 5, 9444-59	58
272	MicroRNA-193b-3p represses neuroblastoma cell growth via downregulation of , and. 2018 , 9, 18160-18179	18
271	MicroRNA analysis of gastroenteropancreatic neuroendocrine tumors and metastases. 2018 , 9, 28379-28390	17
270	Transcriptional suppression of the miR-15/16 family by c-Myc in malignant pleural mesothelioma. 2019 , 10, 4125-4138	8
269	Diagnostic value of microRNA panel in endometrial cancer: A systematic review. 2020 , 11, 2010-2023	11
268	MicroRNA networks regulated by all-trans retinoic acid and Lapatinib control the growth, survival and motility of breast cancer cells. 2015 , 6, 13176-200	29
267	Overexpression of microRNA-95-3p suppresses brain metastasis of lung adenocarcinoma through downregulation of cyclin D1. 2015 , 6, 20434-48	40
266	C/D-box snoRNA-derived RNA production is associated with malignant transformation and metastatic progression in prostate cancer. 2015 , 6, 17430-44	57
265	MiR-497 suppresses angiogenesis and metastasis of hepatocellular carcinoma by inhibiting VEGFA and AEG-1. 2015 , 6, 29527-42	80
264	Non-coding RNAs including miRNAs, piRNAs, and tRNAs in human cancer. 2015 , 6, 23055-7	14
263	Comprehensive profiling of novel microRNA-9 targets and a tumor suppressor role of microRNA-9 via targeting IGF2BP1 in hepatocellular carcinoma. 2015 , 6, 42040-52	45
262	miR-302b enhances breast cancer cell sensitivity to cisplatin by regulating E2F1 and the cellular DNA damage response. 2016 , 7, 786-97	56
261	MicroRNA dysregulation and esophageal cancer development depend on the extent of zinc dietary deficiency. 2016 , 7, 10723-38	22
260	Androgen receptor regulates SRC expression through microRNA-203. 2016 , 7, 25726-41	12
259	Tumor-suppressive miR-218-5p inhibits cancer cell proliferation and migration via EGFR in non-small cell lung cancer. 2016 , 7, 28075-85	57

258	MiR-320a inhibits gastric carcinoma by targeting activity in the FoxM1-P27KIP1 axis. 2016 , 7, 29275-86	33
257	miR-26a desensitizes non-small cell lung cancer cells to tyrosine kinase inhibitors by targeting PTPN13. 2016 , 7, 45687-45701	17
256	miRNAs involved in LY6K and estrogen receptor β contribute to tamoxifen-susceptibility in breast cancer. 2016 , 7, 42261-42273	17
255	Extracellular RNAs as potential biomarkers for cancer. 2020 , 6,	6
254	Modulators of the microRNA biogenesis pathway via arrayed lentiviral enabled RNAi screening for drug and biomarker discovery. 2013 , 16, 791-805	4
253	MicroRNAs in Lung Cancer Oncogenesis and Tumor Suppression: How it Can Improve the Clinical Practice?. 2020 , 21, 372-381	1
252	NF- β -Induced Upregulation of miR-548as-3p Increases Invasion of NSCLC by Targeting PTEN. 2019 , 19, 1058-1068	8
251	Computational Analysis of miRNA and their Gene Targets Significantly Involved in Colorectal Cancer Progression. 2019 , 8, 68-75	9
250	Apoptosis induction in acute promyelocytic leukemia cells through upregulation of by miR-182 blockage. 2018 , 7, 25-33	5
249	Upregulation of Circulating MiR-21 Expression as a Potential Biomarker for Therapeutic Monitoring and Clinical Outcome in Breast Cancer. 2019 , 20, 1223-1228	17
248	MicroRNAs as emerging biomarkers and therapeutic targets for pancreatic cancer. 2014 , 20, 11199-209	37
247	MicroRNAs: promising chemoresistance biomarkers in gastric cancer with diagnostic and therapeutic potential. 2014 , 20, 13658-66	29
246	MicroRNA-21 promotes phosphatase gene and protein kinase B/phosphatidylinositol 3-kinase expression in colorectal cancer. 2016 , 22, 5532-9	16
245	Role of miRNAs and their potential to be useful as diagnostic and prognostic biomarkers in gastric cancer. 2016 , 22, 7951-62	40
244	miR-218 inhibits glucose metabolism in non-small cell lung cancer via the NF- β signaling pathway. 2021 , 21, 106	2
243	MicroRNA-454-3p inhibits cell proliferation and invasion in esophageal cancer by targeting insulin-like growth factor 2 mRNA-binding protein 1. 2020 , 20, 359	3
242	MicroRNA-623 inhibits tumor progression and is a predictor of poor prognosis of breast cancer. 2020 , 20, 386	1
241	Epigenomics of clear cell renal cell carcinoma: mechanisms and potential use in molecular pathology. 2016 , 28, 80-91	39

240	microRNAs and cancer metabolism reprogramming: the paradigm of metformin. 2014 , 2, 58	23
239	Bioinformatics. 2018 , 26-47	3
238	Bladder cancer: Micro RNAs as biomolecules for prognostication and surveillance. 2017 , 33, 127-133	8
237	MicroRNAs dysregulation in hepatocellular carcinoma: Insights in genomic medicine. 2015 , 7, 1530-40	23
236	Nucleic acid aptamer-guided cancer therapeutics and diagnostics: the next generation of cancer medicine. 2015 , 5, 23-42	153
235	Role of microRNAs in the Warburg effect and mitochondrial metabolism in cancer. 2014 , 15, 7015-9	19
234	MicroRNAs: biogenesis, roles for carcinogenesis and as potential biomarkers for cancer diagnosis and prognosis. 2014 , 15, 7489-97	42
233	Differential microRNA expression by Solexa sequencing in the sera of ovarian cancer patients. 2014 , 15, 1739-43	29
232	MicroRNAs and Lymph Node Metastasis in Papillary Thyroid Cancers. 2016 , 17, 25-35	19
231	MicroRNA-203 represses selection and expansion of oncogenic Hras transformed tumor initiating cells. 2015 , 4,	16
230	Predictive models for stage and risk classification in head and neck squamous cell carcinoma (HNSCC). 2020 , 8, e9656	2
229	Tumor-Educated Platelet miR-18a-3p as a Novel Liquid-Biopsy Biomarker for Early Diagnosis and Chemotherapy Efficacy Monitoring in Nasopharyngeal Carcinoma. 2021 , 11, 736412	0
228	Recent Advances in Pancreatic Cancer: Novel Prognostic Biomarkers and Targeted Therapy-A Review of the Literature. 2021 , 11,	0
227	The Function of microRNAs in Pulmonary Embolism: Review and Research Outlook. 2021 , 12, 743945	1
226	Interaction of Gut Microbiome and Host microRNAs with the Occurrence of Colorectal and Breast Cancer and Their Impact on Patient Immunity. 2021 , 14, 5115-5129	0
225	MiR-let-7d-3p inhibits granulosa cell proliferation by targeting TLR4 in polycystic ovary syndrome. 2021 , 106, 61-68	2
224	Body Fluid microRNAs as Toxicological Biomarkers. 343-364	
223	Current Understanding of microRNAs as Therapeutic Targets in Cancer. 167-172	1

222 Role of Next-Generation Sequencing Technologies. **2013**, 1-16

221 Bioinformatics Approaches to the Study of MicroRNAs. **2014**, 165-245

220 MicroRNA and Cancer Drug Resistance. **2014**, 305-326

219 Targeting Immune System Through Targeting miRNA for Cancer Therapy. **2014**, 265-287

218 RNAi-Based Nano-Oncologicals: Delivery and Clinical Applications. **2014**, 245-268

2

217 Modulating MicroRNA Expression for the Therapy of Pancreatic Cancer. **2014**, 189-197

216 Functionalized Gold Nanoparticles for Detection of Cancer Biomarkers. **2014**, 1-26

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

1

214 E-Cadherin/Catenin Complex Modulations in Human Oral Cancer. **2015**, 169-187

213 Non-coding RNAs in Cancer and Cancer Stem Cells. **2015**, 131-153

212 Epigenetics and Biomarkers in Lung Cancer: Emerging Blood-Based Molecular Biomarkers for Detection and Monitoring. **2015**, 325-344

211 Optimization of In Situ Hybridization and Co-expression Analysis in the Central Nervous System. **2015**, 3-25

210 The regulation of the p53/MDM2 feedback loop by microRNAs. **2015**, 2, e502

12

209 Aberrant Signaling Pathways: Hallmark of Cancer Cells and Target for Nanotherapeutics. 1-35

208 Applications of Non-coding RNA in the Molecular Pathology of Cancer. **2016**, 177-217

207 Lowest expressing microRNAs capture indispensable information: identifying cancer types.

1

206 Biomarkers in Systemic Sclerosis. **2017**, 245-260

205 Methods for MicroRNA Profiling in Cancer. **2017**, 97-113

1

- 204 miRNA Regulation of Telomerase: A Novel Therapeutic Approach for Cancer. **2016**, 1, 013-018
- 203 Next-Generation Sequencing to Investigate Urinary microRNAs from Macaca fascicularis (Cynomolgus Monkey). **2017**, 1641, 349-378 2
- 202 Screening and Detection of Gastric Cancer Circulating MicroRNA Biomarkers. **2017**, 37-64
- 201 Exosomal miRNAs and Cancer. **2017**, 2,
- 200 Association of Toll-like Receptors and High-mobility Group Proteins with MicroRNAs in Melanoma. **2017**, 10,
- 199 MicroRNA-196a is regulated by ER and is a prognostic biomarker in ER+ Breast Cancer.
- 198 Profile of miR-10b Expression and Metastases-related Genes in BC and Fibro Adenoma in West Sumatera. **2018**, 14, 92-99
- 197 Destabilisation of Argonaute 2 generates a truncated protein: halfAgo2.
- 196 A cross-cancer metastasis signature in the microRNA-mRNA axis of paired tissue samples.
- 195 RNA sequencing identifies dysregulated circular RNAs in early-stage breast cancer.
- 194 Designing Distributed Cell Classifier Circuits Using a Genetic Algorithm. **2019**, 96-119
- 193 Regulation of Ferroptosis by MicroRNAs. **2019**, 125-145 1
- 192 Designing Distributed Cell Classifier Circuits using a Genetic Algorithm. 2
- 191 miR-589-5p is downregulated in prostate cancer and regulates tumor cell viability and metastasis by targeting CCL-5. **2019**, 20, 1373-1382 5
- 190 Prognostic value of genome-wide DNA methylation patterns in noncoding miRNAs and lncRNAs in uveal melanomas. **2019**, 11, 6153-6174 1
- 189 MicroRNA-32 promotes ovarian cancer cell proliferation and motility by targeting SMG1. **2020**, 20, 733-741 2
- 188 miR-203 affects esophageal cancer cell proliferation, apoptosis and invasion by targeting MAP3K1. **2020**, 20, 751-757 3
- 187 Expression and clinical significance of microRNA-21, PTEN and p27 in cancer tissues of patients with non-small cell lung cancer. **2020**, 20, 49 2

186	MiR-135b Induces Osteosarcoma Invasion by the Modulation of FOXO-1 and c-Myc. 2020 , 13,	
185	Molecular biology of sporadic vestibular schwannomas including genetic and epigenetic alterations. 2020 , 9, 23-29	
184	Transcriptomic biomarkers for predicting response to neoadjuvant treatment in oesophageal cancer. 2020 , 8, 411-424	1
183	The oncogenic role of microRNA-500a in colorectal cancer. 2020 , 19, 1799-1805	2
182	CHAPTER 9:Chemical Probes to Control RNA Function. 2020 , 214-246	
181	Long non-coding RNA 00960 promoted the aggressiveness of lung adenocarcinoma via the miR-124a/SphK1 axis. 2021 ,	3
180	Circulating miRNAs as Potential Biomarkers Distinguishing Relapsing-Remitting from Secondary Progressive Multiple Sclerosis. A Review. 2021 , 22,	1
179	Circulating miRNAs as Potential Biomarkers in Prostate Cancer Patients Undergoing Radiotherapy. 2021 , 13, 8257-8271	0
178	MiRNA-30e downregulation increases cancer cell proliferation, invasion and tumor growth through targeting RPS6KB1. 2021 , 13, 24037-24049	1
177	GW182 Proteins Restrict Extracellular Vesicle Mediated Selective Export of Used miRNAs In Mammalian Cancer Cells.	1
176	ERRATUM. 2020 , 26, 561	
175	MiRNAs: A New Approach to Predict and Overcome Resistance to Anticancer Drugs. 2020 , 7, 65-77	
174	MiR-19a is correlated with prognosis and apoptosis of laryngeal squamous cell carcinoma by regulating TIMP-2 expression. 2014 , 7, 56-63	42
173	Up-regulation of miR-630 in clear cell renal cell carcinoma is associated with lower overall survival. 2014 , 7, 3318-23	28
172	MicroRNA-381 increases radiosensitivity in esophageal squamous cell carcinoma. 2015 , 5, 267-77	23
171	Down-regulation of miR-497 is associated with poor prognosis in renal cancer. 2015 , 8, 758-64	34
170	MiR-26b inhibits hepatocellular carcinoma cell proliferation, migration, and invasion by targeting EphA2. 2015 , 8, 4782-90	22
169	TRIM29 functions as an oncogene in gastric cancer and is regulated by miR-185. 2015 , 8, 5053-61	29

168	Pre-miR-149 rs71428439 polymorphism is associated with increased cancer risk and AKT1/cyclinD1 signaling in hepatocellular carcinoma. 2015 , 8, 13628-33	12
167	Decreased expression of microRNA-20a promotes tumor progression and predicts poor prognosis of cutaneous squamous cell carcinoma. 2015 , 8, 11446-51	13
166	Serum MicroRNA-370 as a potential diagnostic and prognostic biomarker for pediatric acute myeloid leukemia. 2015 , 8, 14658-66	16
165	Down-regulation of microRNA-126 and microRNA-133b acts as novel predictor biomarkers in progression and metastasis of non small cell lung cancer. 2015 , 8, 14983-8	26
164	MiR-19 suppresses fibroblast-like synoviocytes cytokine release by targeting toll like receptor 2 in rheumatoid arthritis. 2016 , 8, 5512-5518	17
163	A novel microRNA-1207-3p/FNDC1/FN1/AR regulatory pathway in prostate cancer. 2017 , 4,	8
162	Resistance to cancer chemotherapeutic drugs is determined by pivotal microRNA regulators. 2017 , 7, 1350-1371	44
161	Altered miR-223 Expression in Sputum for Diagnosis of Non-Small Cell Lung Cancer. 2017 , 9, 189-195	21
160	[Expression profile of miR-501-5p in lung adenocarcinoma patients from Xuanwei area]. 2017 , 37, 354-359	5
159	Serum microRNA-195 as a potential diagnostic biomarker for breast cancer: a systematic review and meta-analysis. 2019 , 12, 3982-3991	2
158	MicroRNA-204 attenuates the migration and invasion of pancreatic cancer cells by targeting ZEB1/EMT axis. 2018 , 11, 3802-3811	1
157	MicroRNA-21 depletion by CRISPR/Cas9 in CNE2 nasopharyngeal cells hinders proliferation and induces apoptosis by targeting the PI3K/AKT/MOTOR signaling pathway. 2020 , 13, 738-745	
156	Knockdown of long non-coding RNA TTTY15 protects cardiomyocytes from hypoxia-induced injury by regulating let-7b/MAPK6 axis. 2020 , 13, 1951-1961	1
155	Role and mechanism of miR-187 in human cancer. 2020 , 12, 4873-4884	
154	Low expression of miR-99b promotes progression of clear cell renal cell carcinoma by up-regulating IGF1R/Akt/mTOR signaling. 2020 , 13, 3083-3091	2
153	The clinical application value of miR-1269 as an unfavorable prognostic indicator of lung cancer. 2021 , 13, 3270-3277	1
152	Effect of nicorandil combined with trimetazidine on miR-223-3p and NRF2 expression in patients with coronary heart disease. 2021 , 13, 4804-4811	1
151	Cell Behavior of Non-Small Cell Lung Cancer Is at EGFR and MicroRNAs Hands. 2021 , 22,	4

- 150 Construction of miRNA-mRNA-TF Regulatory Network for Diagnosis of Gastric Cancer. **2021**, 2021, 9121478 2
- 149 Smartphone-Based Device for Colorimetric Detection of MicroRNA Biomarkers Using Nanoparticle-Based Assay. **2021**, 21, 4
- 148 The miR-345-3p/PPP2CA signaling axis promotes proliferation and invasion of breast cancer cells.. **2021**, 0
- 147 Interplay of MicroRNAs and Reactive Oxygen Species in Cancer Stem Cells: New Perspective in Cancer Metastasis. **2021**, 1-27
- 146 Identification of LIG1 and LIG3 as prognostic biomarkers in breast cancer. **2021**, 16, 1705-1717 1
- 145 Review: RNA-Based Diagnostic Markers Discovery and Therapeutic Targets Development in Cancer.
- 144 Small non-coding RNA profiling in breast cancer: plasma U6 snRNA, miR-451a and miR-548b-5p as novel diagnostic and prognostic biomarkers.. **2022**, 1 2
- 143 MicroRNA-582-5p regulates cell invasion in bladder cancer through targeting Forkhead Box G1.. **2021**, 230, 153752
- 142 Suppression of RNA editing by miR-17 inhibits the stemness of melanoma stem cells.. **2022**, 27, 439-455 0
- 141 Reactive Oxygen Species in Stem Cell Proliferation and Cancer. **2021**, 1-14
- 140 On-going consequences of in utero exposure of Pb: An epigenetic perspective.. **2022**, 0
- 139 Photoelectrochemical detection of microRNAs based on target-triggered self-assembly of energy band position-matched CdS QDs and CN nanosheets.. **2022**, 189, 65 1
- 138 Noncoding RNAs in patients with colorectal cancer. **2022**, 65-95
- 137 N6-methyladenosine-mediated downregulation of miR-374c-5p promotes cadmium-induced cell proliferation and metastasis by targeting GRM3 in breast cancer cells.. **2021**, 229, 113085 1
- 136 Point-of-care detection assay based on biomarker-imprinted polymer for different cancers: a state-of-the-art review. 1 0
- 135 The Impact of Biomarkers in Pancreatic Ductal Adenocarcinoma on Diagnosis, Surveillance and Therapy.. **2022**, 14, 0
- 134 Reactive Oxygen Species in Stem Cell Proliferation and Cancer. **2022**, 1777-1790
- 133 Review: RNA-based diagnostic markers discovery and therapeutic targets development in cancer.. **2022**, 234, 108123 3

132	Targeted delivery of exosomal miR-484 reprograms tumor vasculature for chemotherapy sensitization.. 2022 , 530, 45-45	6
131	MiRNA-99a alleviates inflammation and oxidative stress in lipopolysaccharide-stimulated PC-12 cells and rats post spinal cord injury.. 2022 , 13, 4248-4259	2
130	dbDEMC 3.0: Functional Exploration of Differentially Expressed miRNAs in Cancers of Human and Model Organisms.	1
129	Deciphering the roles of miR-16-5p in Malignant Solid Tumorsmalignant solid tumors.. 2022 , 148, 112703	0
128	APOE Is a Prognostic Biomarker and Correlates with Immune Infiltrates in Papillary Thyroid Carcinoma.. 2022 , 13, 1652-1663	0
127	Pathophysiology roles and translational opportunities of miRNAs in breast cancer. 2022 , 195-201	
126	Mno2 Nanosheet-Mediated Generalist Probe: Cancer-Targeted Dual-Micronas Detection and Enhanced Cdt/Pdt Synergistic Therapy.	
125	Analysis of miR-375-3p, miR-197-3p, and miR-15a-5p Expression and Their Clinical Relevance as Biomarkers in Lung Cancer.. 2022 , 21, 15330338221080981	1
124	Circular RNA circ_IRAK3 contributes to tumor growth through upregulating KIF2A via adsorbing miR-603 in breast cancer.. 2022 , 22, 81	0
123	Mapping Research on miRNAs in Cancer: A Global Data Analysis and Bibliometric Profiling Analysis.. 2022 , 29, 66-80	
122	MiR-486-5p Targets CD133+ Lung Cancer Stem Cells through the p85/AKT Pathway.. 2022 , 15,	0
121	Circ_0076305 facilitates prostate cancer development via sponging miR-411-5p and regulating PGK1.. 2022 , e14406	0
120	BRAF Induction in Thyrocytes Triggers Important Changes in the miRNAs Content and the Populations of Extracellular Vesicles Released in Thyroid Tumor Microenvironment.. 2022 , 10,	0
119	Inhibition of lncRNA NEAT1 sensitizes medulloblastoma cells to cisplatin through modulating the miR-23a-3p-glutaminase (GLS) axis.. 2022 , 13, 7670-7682	0
118	Exosomal microRNAs: A diagnostic and therapeutic small bio-molecule in esophageal cancer.. 2022 ,	
117	miR-495-3p depresses cell proliferation and migration by downregulating HMGB1 in colorectal cancer.. 2022 , 20, 101	1
116	MicroRNA Expression Analysis of Mice Retinas with Oxygen-Induced Retinopathy by RNA Sequencing.. 2022 , 2022, 9738068	1
115	Nucleic Acid-Based COVID-19 Therapy Targeting Cytokine Storms: Strategies to Quell the Storm.. 2022 , 12,	0

114	Tuning Surface Properties via Plasma Treatments for the Improved Capture of MicroRNA Biomarkers.. 2022 , 15,	
113	The role of extracellular vesicles in the transfer of drug resistance competences to cancer cells.. 2022 , 62, 100833	1
112	Non-Exosomal and Exosome-Derived miRNAs as Promising Biomarkers in Canine Mammary Cancer.. 2022 , 12,	1
111	Silencing of circ-CDK14 suppresses osteosarcoma progression through the miR-198/E2F2 axis.. 2022 , 113082	0
110	Exosomal microRNAs synergistically trigger stromal fibroblasts in breast cancer.. 2022 , 28, 17-31	1
109	microRNA-150 targets major epigenetic repressors and inhibits cell proliferation.. 2022 , 415, 113110	0
108	MicroRNAs in Pancreatic Cancer and Chemoresistance.. 2021 , 50, 1334-1342	
107	LGCMS: Predicting miRNA-Drug Sensitivity based on Light Graph Convolution Network. 2021 ,	0
106	MiR-148b-3p Regulates the Expression of DTYMK to Drive Hepatocellular Carcinoma Cell Proliferation and Metastasis.. 2021 , 11, 625566	0
105	Prognosis Value of microRNA-3677-3p in Lung Adenocarcinoma and Its Regulatory Effect on Tumor Progression.. 2021 , 13, 9261-9270	0
104	Circulating Blood miR-155 and miR-21 Promote the Development of Acute Pancreatitis and Can Be Used to Assess the Risk Stratification of Pancreatitis.. 2021 , 2021, 2064162	1
103	MiR-181a-5p facilitates proliferation, invasion, and glycolysis of breast cancer through NDRG2-mediated activation of PTEN/AKT pathway.. 2022 , 13, 83-95	3
102	Diagnostic and prognostic potential of eight whole blood microRNAs for equine sarcoid disease.. 2021 , 16, e0261076	0
101	Elevated P-Element-Induced Wimpy-Testis-Like Protein 1 Expression Predicts Unfavorable Prognosis for Patients with Various Cancers.. 2021 , 2021, 9982192	
100	miRNAlar: Biyogenezi, Analiz Yntemleri ve BiyobelirtePotansiyeli.	
99	Combinatorial RNA therapies in cancer immunotherapy: Challenges and directions. 2022 , 425-449	
98	MicroRNAs as Regulators of Phagocytosis.. 2022 , 11,	
97	Image_1.TIF. 2020 ,	

96 Table_1.docx. **2020**,

95 Table_1.DOC. **2020**,

94 Data_Sheet 1.PDF. **2020**,

93 Data_Sheet_1.PDF. **2020**,

92 Table_1.docx. **2020**,

91 Base-Pair Mismatch-Induced Boosting of Target-Catalyzed Dna-Streptavidin Hydrogel Formation for Enzyme-Free Picomolar Mirna Assay.

90 An Update on the Effect of Natural Products on Oncogenic Transcription Factors in Triple Negative Breast Cancer. **2022**, 1-26

89 A combined antitumor strategy of separately transduced mesenchymal stem cells with soluble TRAIL and IFN γ produces a synergistic activity in the reduction of lymphoma and mice survival enlargement.. **2022**, 25,

88 Circulating miRNAs as Biomarkers of Toxic Heavy Metal Exposure. **2022**, 63-87

87 Exosomal MiRNAs in Osteosarcoma: Biogenesis and Biological Functions.. **2022**, 13, 902049

1

86 Self-propelled micro/nanobots: A new insight into precisely targeting cancerous cells through intelligent and deep cancer penetration.. **2022**, 175011

1

85 Computational Analysis of Single Nucleotide Polymorphisms Associated with MicroRNA Affecting Hepatitis B Infection.. **2022**,

84 Deoxyelephantopin Induces Apoptosis and Enhances Chemosensitivity of Colon Cancer via miR-205/Bcl2 Axis.. **2022**, 23,

2

83 Isoflurane Promotes Cell Proliferation, Invasion, and Migration by Regulating BACH1 and miR-375 in Prostate Cancer Cells In Vitro.. **2022**, 10915818221084906

82 Association of sirtuins (SIRT1-7) with lung and intestinal diseases.. **2022**,

0

81 dbDEMC 3.0: Functional exploration of differentially expressed miRNAs in cancers of human and model organisms. **2022**,

3

80 SOX17-mediated MALAT1-miR-199a-HIF1 α axis confers sensitivity in esophageal squamous cell carcinoma cells to radiotherapy. **2022**, 8,

79 miR-99a-5p inhibits glycolysis and induces cell apoptosis in cervical cancer by targeting RRGD. **2022**, 24,

1

- 78 A programmable and sensitive CRISPR/Cas12a-based MicroRNA detection platform combined with hybridization chain reaction. **2022**, 211, 114382 2
- 77 MicroRNA as a Versatile Regulator of Wnt the Signaling Pathway in Colorectal Cancer. **2022**, 25-43 0
- 76 Mno2 Nanosheet-Mediated Generalist Probe: Cancer-Targeted Dual-Micrnas Detection and Enhanced Cdt/Pdt Synergistic Therapy.
- 75 Ischemic Postconditioning Protects against Aged Myocardial Ischemia/Reperfusion Injury by Transcriptional and Epigenetic Regulation of miR-181a-2-3p. **2022**, 2022, 1-29
- 74 MicroRNAs as the critical regulators of cell migration and invasion in thyroid cancer. **2022**, 10, 0
- 73 MicroRNAs Targeting Tumor Microenvironment and Immune Modulation. **2022**, 93-108
- 72 MicroRNA-877-5p Inhibits Cell Progression by Targeting FOXM1 in Lung Cancer. **2022**, 2022, 1-11
- 71 PDSM-LGCN: Prediction of drug sensitivity associated microRNAs via Light Graph Convolution Neural Network. **2022**, 0
- 70 Circulating miR-141 as a potential biomarker for diagnosis, prognosis and therapeutic targets in gallbladder cancer. **2022**, 12, 1
- 69 CKAP2L, a crucial target of miR-326, promotes prostate cancer progression. **2022**, 22,
- 68 Comprehensive Analysis of hsa-miR-654-5p's Tumor-Suppressing Functions. **2022**, 23, 6411
- 67 Liquid biopsy in der gastrointestinalen Onkologie: Hype oder bald Realität?. **2022**, 20, 45-54
- 66 Advantages of Noncoding RNAs in Molecular Diagnosis.
- 65 MnO2 nanosheet-mediated generalist probe: Cancer-targeted dual-microRNAs detection and enhanced CDT/PDT synergistic therapy. **2022**, 214, 114550 0
- 64 Snail-regulated exosomal microRNA-21 suppresses NLRP3 inflammasome activity to enhance cisplatin resistance. **2022**, 10, e004832 1
- 63 LncRNA ATP1A1-AS1 inhibits cell proliferation and promotes cell apoptosis in thyroid carcinoma by regulating the miR-620/IRF2BP2 axis. **2022**,
- 62 Diagnosis Biomarkers of Cholangiocarcinoma in Human Bile: An Evidence-Based Study. **2022**, 14, 3921
- 61 Prognostic value of 12 m7G methylation-related miRNA markers and their correlation with immune infiltration in breast cancer. 12, 0

- 60 miR-548 predicts clinical prognosis and functions as a tumor promoter in gastric cancer.
- 59 MiR-210-3p targets CELF2 to facilitate progression of lung squamous carcinoma through PI3K/AKT pathway. **2022**, 39,
- 58 Circ_0000467 modulates malignant characteristics of colorectal cancer via sponging miR-651-5p and up-regulating DNMT3B. 1-17 ○
- 57 The reversibility of cellular determination: An evolutive pattern of epigenetic plasticity. **2022**, 221, 104774 ○
- 56 Interplay of MicroRNAs and Reactive Oxygen Species in Cancer Stem Cells: New Perspective in Cancer Metastasis. **2022**, 1837-1863 ○
- 55 Identification of Necroptosis-Related miRNA Signature as a Potential Predictive Biomarker for Prognosis and Immune Status in Colon Adenocarcinoma. **2022**, 2022, 1-20 ○
- 54 Involvement of microRNAs and their potential diagnostic, therapeutic, and prognostic role in hepatocellular carcinoma. 1
- 53 Salvia miltiorrhiza in cancer: Potential role in regulating MicroRNAs and epigenetic enzymes. 13, ○
- 52 Role of miRNAs in the regulation of cancer-associated signaling pathways. **2022**, ○
- 51 Exosomal miR-452-5p Induce M2 Macrophage Polarization to Accelerate Hepatocellular Carcinoma Progression by Targeting TIMP3. **2022**, 2022, 1-14 ○
- 50 The role of miR-200 family in the regulation of hallmarks of cancer. 12, 1
- 49 Targeting non-coding RNA family members with artificial endonuclease XNAzymes. **2022**, 5, 1
- 48 miRNA in Molecular Diagnostics. **2022**, 9, 459 ○
- 47 miRNA-331-3p Affects the Proliferation, Metastasis, and Invasion of Osteosarcoma through SOCS1/JAK2/STAT3. **2022**, 2022, 1-11 ○
- 46 ~~Bütün~~ pemfigoidli hastalarda serum ve lezyonel miRNA-1291 ekspresyonları ~~bir~~ ~~karşı~~ ~~bir~~ ~~mas~~ ○
- 45 Antagonizing microRNA -19a/b augments PTH anabolic action and restores bone mass in osteoporosis in mice. ○
- 44 MicroRNAs as the pivotal regulators of Forkhead box protein family during gastrointestinal tumor progression and metastasis. **2022**, 101694 ○
- 43 Relationship between the microRNAs and PI3K/AKT/mTOR axis: Focus on non-small cell lung cancer. **2022**, 239, 154093 ○

42	Chemical Carcinogenesis. 1-23	0
41	MicroRNA-125a-3p, -4530, and -92a as a Potential Circulating MicroRNA Panel for Noninvasive Pancreatic Cancer Diagnosis. 2022 , 2022, 1-9	0
40	Molecular Mechanisms of Anti-Estrogen Therapy Resistance and Novel Targeted Therapies. 2022 , 14, 5206	1
39	A novel microRNA signature for the detection of melanoma by liquid biopsy. 2022 , 20,	1
38	RT-qPCR Expression Profiles of Selected Oncogenic and Oncosuppressor miRNAs in Formalin-Fixed, Paraffin-Embedded Canine Mammary Tumors. 2022 , 12, 2898	1
37	Circulating MicroRNAs as Noninvasive Diagnostic and Prognostic Biomarkers in Pancreatic Cancer: A Review.	0
36	Mobile device integrated graphene oxide quantum dots based electrochemical biosensor design for detection of miR-141 as a pancreatic cancer biomarker. 2022 , 435, 141390	1
35	The role of AURKA / miR -199b-3p in hepatocellular carcinoma cells.	0
34	Integrated analysis identified prognostic microRNAs in breast cancer. 2022 , 22,	1
33	Target-Induced Multiple Palindrome-Mediated Strand Displacement Amplification of Scarecrow-Shaped DNA Nanoprobe for Ultrasensitive Detection of MicroRNA. 2022 , 133003	0
32	microRNAs in Therapy Resistance of Breast Cancer. 103-112	0
31	Epigenetics and genetics of hepatoblastoma: Linkage and treatment. 13,	0
30	MicroRNA-3692-3p is overexpressed in lung tumors but may not serve as a prognostic biomarker in lung cancer patients.	1
29	The microRNA Lifecycle in Health and Cancer. 2022 , 14, 5748	3
28	HCC biomarkers: State of the old and outlook to future promising biomarkers and their potential in everyday clinical practice. 12,	0
27	Cancer-derived exosomal miR-375 targets DIP2C and promotes osteoblastic metastasis and prostate cancer progression by regulating the Wnt signaling pathway.	0
26	Anticancer Effects of Fucoxanthin through Cell Cycle Arrest, Apoptosis Induction, Angiogenesis Inhibition, and Autophagy Modulation. 2022 , 23, 16091	1
25	Recent Updates on the Role of the MicroRNA-10 Family in Gynecological Malignancies. 2022 , 2022, 1-8	0

- 24 miR-125b Promotes the Proliferation, Migration and Invasion of Oral Squamous Cell Carcinoma (OSCC). **2022**, 12, 2438-2443 ○
- 23 Oxidative Drugs and microRNA: New Opportunities for Cancer Prevention. **2023**, 15, 132 ○
- 22 MicroRNA-588 regulates the invasive, migratory and vasculogenic mimicry-forming abilities of hypoxic glioma cells by targeting ROBO1. ○
- 21 Target-Catalyzed Self-Assembly of DNA-Streptavidin Nanogel for Enzyme-Free miRNA Assay. 2202076 ○
- 20 Different Liquid Biopsies for the Management of Non-Small Cell Lung Cancer in the Mutational Oncology Era. **2023**, 11, 8 1
- 19 The role of unfolded protein response-associated miRNAs in immunogenic cell death amplification: A literature review and bioinformatics analysis. **2023**, 314, 121341 ○
- 18 An Overview of Epithelial-to-Mesenchymal Transition and Mesenchymal-to-Epithelial Transition in Canine Tumors: How Far Have We Come?. **2023**, 10, 19 ○
- 17 Identification of microRNA Signatures in Peripheral Blood of Young Women as Potential Biomarkers for Metal Allergy. **2023**, 11, 277 ○
- 16 Computational Gene Expression and Network Analysis of Myc Reveal Insights into Its Diagnostic and Prognostic Role in Subtypes of Renal Cancer. ○
- 15 Selecting optimum miRNA panel for miRNA signature-based companion diagnostic model to predict the response of R-CHOP treatment in diffuse large B-cell lymphoma. **2023**, ○
- 14 Drug Resistance in Hepatocellular Carcinoma. **2023**, ○
- 13 Comprehensive analysis of the role of SFXN family in breast cancer. **2023**, 18, ○
- 12 Alteration in Levels of Specific miRNAs and Their Potential Protein Targets between Human Pancreatic Cancer Samples, Adjacent Normal Tissue, and Xenografts Derived from These Tumors. **2023**, 13, 608 ○
- 11 LncRNA ARAP1-AS1 targets miR-516b-5p/PDE5A axis to facilitate the progression of thyroid cancer. Publish Ahead of Print, ○
- 10 Drug screening and biomarker gene investigation in cancer therapy through the human transcriptional regulatory network. **2023**, 21, 1557-1572 ○
- 9 Potential Anti-Proliferative Effect of Nano-formulated Curcumin Through Modulating Micro RNA-132, Cyclin D1, and hTERT Genes Expression in Breast Cancer Cell Lines. ○
- 8 The role of LncRNA and micro-RNA targeting GLI transcription factors in human cancers. **2023**, 277-283 ○
- 7 Research progress on non-protein-targeted drugs for cancer therapy. **2023**, 42, ○

- 6 Evaluation of the Expression Levels of miR-21-5p and miR-429 Genes in Biopsy Samples from Patients with Oral Squamous Cell Carcinoma. **2023**, 13, 1244
- 5 Design of a printed electrochemical strip towards miRNA-21 detection in urine samples: optimization of the experimental procedures for real sample application.
- 4 Desmoplastic small round cell tumor: from state of the art to future clinical prospects. 1-14
- 3 Targeting miRNAs and Other Non-Coding RNAs as a Therapeutic Approach: An Update. **2023**, 9, 27
- 2 MicroRNA-147b induces neuroendocrine differentiation of prostate cancer cells by targeting ribosomal protein RPS15A.
- 1 MicroRNA dysregulation in the heart and lung of infants with bronchopulmonary dysplasia.