MicroRNA therapeutics: towards a new era for the man diseases

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Citation Report

| # | Article | IF | Citations |
|----|---|-----|-----------|
| 1 | Upregulation of miR-181a suppresses the formation of glioblastoma stem cells by targeting the Notch2 oncogene and correlates with good prognosis in patients with glioblastoma multiforme. Biochemical and Biophysical Research Communications, 2017, 486, 1129-1136. | 1.0 | 26 |
| 2 | miRNAs: micro-managers of anticancer combination therapies. Angiogenesis, 2017, 20, 269-285. | 3.7 | 55 |
| 3 | Effects of miR-1236-3p and miR-370-5p on activation of p21 in various tumors and its inhibition on the growth of lung cancer cells. Tumor Biology, 2017, 39, 101042831771082. | 0.8 | 27 |
| 4 | Novel insights of microRNAs in the development of systemic lupus erythematosus. Current Opinion in Rheumatology, 2017, 29, 450-457. | 2.0 | 20 |
| 5 | Myristoylated alanine-rich C kinase substrate (MARCKS): a multirole signaling protein in cancers. Cancer and Metastasis Reviews, 2017, 36, 737-747. | 2.7 | 50 |
| 6 | Mir-144-3p Promotes Cell Proliferation, Metastasis, Sunitinib Resistance in Clear Cell Renal Cell Carcinoma by Downregulating ARID1A. Cellular Physiology and Biochemistry, 2017, 43, 2420-2433. | 1.1 | 99 |
| 7 | Molecular Regulation of Cellular Senescence by MicroRNAs: Implications in Cancer and Age-Related Diseases. International Review of Cell and Molecular Biology, 2017, 334, 27-98. | 1.6 | 16 |
| 8 | Pathological processes and therapeutic advances in radioiodide refractory thyroid cancer. Journal of Molecular Endocrinology, 2017, 59, R141-R154. | 1.1 | 13 |
| 9 | MicroRNAs in Heart Failure, Cardiac Transplantation, and Myocardial Recovery: Biomarkers with Therapeutic Potential. Current Heart Failure Reports, 2017, 14, 454-464. | 1.3 | 48 |
| 10 | Synthesis and biological applications of fluoro-modified nucleic acids. Organic and Biomolecular Chemistry, 2017, 15, 9552-9565. | 1.5 | 52 |
| 11 | miR-6883 Family miRNAs Target CDK4/6 to Induce G1 Phase Cell-Cycle Arrest in Colon Cancer Cells. Cancer Research, 2017, 77, 6902-6913. | 0.4 | 43 |
| 12 | miR-93-5p/IFNAR1 axis promotes gastric cancer metastasis through activating the STAT3 signaling pathway. Cancer Letters, 2017, 408, 23-32. | 3.2 | 67 |
| 13 | Molecular radiation biology/oncology and its impact on preclinical and clinical research in radiotherapy. Radiotherapy and Oncology, 2017, 124, 339-343. | 0.3 | 1 |
| 14 | miR-155 Dysregulation and Therapeutic Intervention in Multiple Sclerosis. Advances in Experimental Medicine and Biology, 2017, 1024, 111-131. | 0.8 | 37 |
| 15 | Targeting epithelial–mesenchymal plasticity in cancer: clinical and preclinical advances in therapy and monitoring. Biochemical Journal, 2017, 474, 3269-3306. | 1.7 | 53 |
| 16 | Downregulation of miR-130a promotes cell growth and epithelial to mesenchymal transition by activating HMGB2 in glioma. International Journal of Biochemistry and Cell Biology, 2017, 93, 25-31. | 1.2 | 20 |
| 17 | Rodâ€Shaped Active Drug Particles Enable Efficient and Safe Gene Delivery. Advanced Science, 2017, 4, 1700324. | 5.6 | 45 |
| 18 | Inhibition of the <i>miR-17-92</i> Cluster Separates Stages of Palatogenesis. Journal of Dental Research, 2017, 96, 1257-1264. | 2.5 | 26 |

| # | Article | IF | CITATIONS |
|----|--|-------------------|----------------|
| 19 | Down regulation of miR-143 promotes radiation – Induced thymic lymphoma by targeting B7H1. Toxicology Letters, 2017, 280, 116-124. | 0.4 | 6 |
| 20 | Animal Models to Study MicroRNA Function. Advances in Cancer Research, 2017, 135, 53-118. | 1.9 | 53 |
| 21 | MicroRNAs in right ventricular remodelling. Cardiovascular Research, 2017, 113, 1433-1440. | 1.8 | 26 |
| 22 | MicroRNA mediated regulation of immunity against gram-negative bacteria. International Reviews of Immunology, 2017, 36, 287-299. | 1.5 | 18 |
| 23 | Therapeutic targeting of non-coding RNAs in cancer. Biochemical Journal, 2017, 474, 4219-4251. | 1.7 | 228 |
| 24 | MicroRNA-21 and long non-coding RNA MALAT1 are overexpressed markers in medullary thyroid carcinoma. Experimental and Molecular Pathology, 2017, 103, 229-236. | 0.9 | 44 |
| 25 | MicroRNAs in Renal Diseases: A Potential Novel Therapeutic Target. Kidney Diseases (Basel,) Tj ETQq0 0 0 rgBT / | Overlock 1 1.2 | 10 Tf 50 502 T |
| 26 | New and Emerging Therapies for Uterine Fibroids. Seminars in Reproductive Medicine, 2017, 35, 549-559. | 0.5 | 17 |
| 27 | Identification of cell cycle-targeting microRNAs through genome-wide screens. Cell Cycle, 2017, 16, 2241-2248. | 1.3 | 7 |
| 28 | Impact of novel miR-145-3p regulatory networks on survival in patients with castration-resistant prostate cancer. British Journal of Cancer, 2017, 117, 409-420. | 2.9 | 88 |
| 29 | LNA/DNA mixmer-based antisense oligonucleotides correct alternative splicing of theÂSMN2 gene and restore SMN protein expression in type 1 SMA fibroblasts. Scientific Reports, 2017, 7, 3672. | 1.6 | 42 |
| 30 | Lessons Learned from Two Decades of Anticancer Drugs. Trends in Pharmacological Sciences, 2017, 38, 852-872. | 4.0 | 74 |
| 31 | MicroRNAs as Important Regulators of Exercise Adaptation. Progress in Cardiovascular Diseases, 2017, 60, 130-151. | 1.6 | 114 |
| 32 | miR-34a increases cisplatin sensitivity of osteosarcoma cells in vitro through up-regulation of c-Myc and Bim signal. Cancer Biomarkers, 2017, 21, 135-144. | 0.8 | 31 |
| 33 | miR-216a inhibits osteosarcoma cell proliferation, invasion and metastasis by targeting CDK14. Cell Death and Disease, 2017, 8, e3103-e3103. | 2.7 | 74 |
| 34 | Overview of microRNA Modulation in Analgesic Research. Current Protocols in Pharmacology, 2017, 79, 9.25.1-9.25.10. | 4.0 | 4 |
| 35 | Role of microRNAs in obesity and obesity-related diseases. Genes and Nutrition, 2017, 12, 23. | 1.2 | 164 |
| 36 | Osteopontin a promising biomarker for cancer therapy. Journal of Cancer, 2017, 8, 2173-2183. | 1.2 | 108 |

| # | Article | IF | Citations |
|----|--|-----|-----------|
| 37 | In vivo validation of metastasis-regulating microRNA-766 in human triple-negative breast cancer cells. Laboratory Animal Research, 2017, 33, 256. | 1.1 | 14 |
| 38 | microRNAs in Parkinson's Disease: From Pathogenesis to Novel Diagnostic and Therapeutic Approaches. International Journal of Molecular Sciences, 2017, 18, 2698. | 1.8 | 170 |
| 39 | MicroRNA-1271 functions as a metastasis and epithelial-mesenchymal transition inhibitor in human HCC by targeting the PTP4A1/c-Src axis. International Journal of Oncology, 2017, 52, 536-546. | 1.4 | 18 |
| 40 | The Role of miRNAs in Angiogenesis, Invasion and Metabolism and Their Therapeutic Implications in Gliomas. Cancers, 2017, 9, 85. | 1.7 | 47 |
| 41 | Epigenetic Regulation of Telomere Maintenance for Therapeutic Interventions in Gliomas. Genes, 2017, 8, 145. | 1.0 | 23 |
| 42 | Exploiting Epigenetic Alterations in Prostate Cancer. International Journal of Molecular Sciences, 2017, 18, 1017. | 1.8 | 28 |
| 43 | The Functions of MicroRNA-200 Family in Ovarian Cancer: Beyond Epithelial-Mesenchymal Transition. International Journal of Molecular Sciences, 2017, 18, 1207. | 1.8 | 62 |
| 44 | Extracellular Vesicles as Protagonists of Diabetic Cardiovascular Pathology. Frontiers in Cardiovascular Medicine, 2017, 4, 71. | 1.1 | 39 |
| 45 | MiRroring the Multiple Potentials of MicroRNAs in Acute Myocardial Infarction. Frontiers in Cardiovascular Medicine, 2017, 4, 73. | 1.1 | 32 |
| 46 | MicroRNA: Dynamic Regulators of Macrophage Polarization and Plasticity. Frontiers in Immunology, 2017, 8, 1062. | 2.2 | 138 |
| 47 | The miRNA Pull Out Assay as a Method to Validate the miR-28-5p Targets Identified in Other Tumor Contexts in Prostate Cancer. International Journal of Genomics, 2017, 2017, 1-7. | 0.8 | 9 |
| 48 | Biological Function of MicroRNA193a-3p in Health and Disease. International Journal of Genomics, 2017, 2017, 1-13. | 0.8 | 40 |
| 49 | A New Network-Based Strategy for Predicting the Potential miRNA-mRNA Interactions in Tumorigenesis. International Journal of Genomics, 2017, 2017, 1-11. | 0.8 | 5 |
| 50 | MicroRNA-99a. International Heart Journal, 2017, 58, 310-312. | 0.5 | 1 |
| 51 | Differential expression of microRNAs among cell populations in the regenerating adult mouse olfactory epithelium. PLoS ONE, 2017, 12, e0187576. | 1.1 | 2 |
| 52 | MicroRNA-93 promotes proliferation and metastasis of gastric cancer via targeting TIMP2. PLoS ONE, 2017, 12, e0189490. | 1.1 | 48 |
| 53 | miR-92b-3p acts as a tumor suppressor by targeting Gabra3 in pancreatic cancer. Molecular Cancer, 2017, 16, 167. | 7.9 | 92 |
| 54 | Cell-specific mechanisms of TMEM16A Ca2+-activated chloride channel in cancer. Molecular Cancer, 2017, 16, 152. | 7.9 | 108 |

| # | Article | IF | Citations |
|----|--|-----|-----------|
| 55 | miR-124 promotes proliferation and differentiation of neuronal stem cells through inactivating Notch pathway. Cell and Bioscience, 2017, 7, 68. | 2.1 | 37 |
| 56 | Involvement of epigenetics in osteoarthritis. Best Practice and Research in Clinical Rheumatology, 2017, 31, 634-648. | 1.4 | 11 |
| 57 | MicroRNA-107 prevents amyloid- \hat{l}^2 -induced neurotoxicity and memory impairment in mice. International Journal of Molecular Medicine, 2018, 41, 1665-1672. | 1.8 | 34 |
| 58 | Development of controlled drug delivery systems for bone fracture-targeted therapeutic delivery: A review. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 127, 223-236. | 2.0 | 42 |
| 59 | Efficient Detection of Structure and Dynamics in Unlabeled RNAs: The SELOPE Approach. Chemistry - A European Journal, 2018, 24, 6067-6070. | 1.7 | 20 |
| 60 | Correlating serum micrornas and clinical parameters in amyotrophic lateral sclerosis. Muscle and Nerve, 2018, 58, 261-269. | 1.0 | 78 |
| 61 | A physiologically relevant 3D collagen-based scaffold–neuroblastoma cell system exhibits chemosensitivity similar to orthotopic xenograft models. Acta Biomaterialia, 2018, 70, 84-97. | 4.1 | 49 |
| 62 | Targeted delivery of miRNA-204-5p by PEGylated polymer nanoparticles for colon cancer therapy. Nanomedicine, 2018, 13, 769-785. | 1.7 | 37 |
| 63 | miR-103/107 promote ER stress-mediated apoptosis via targeting the Wnt3a/ \hat{l}^2 -catenin/ATF6 pathway in preadipocytes. Journal of Lipid Research, 2018, 59, 843-853. | 2.0 | 78 |
| 64 | The interplay between noncoding RNAs and insulin in diabetes. Cancer Letters, 2018, 419, 53-63. | 3.2 | 40 |
| 65 | Dual-Targeted Theranostic Delivery of miRs Arrests Abdominal Aortic Aneurysm Development. Molecular Therapy, 2018, 26, 1056-1065. | 3.7 | 43 |
| 66 | Effect of miR-21 on Apoptosis in Lung Cancer Cell Through Inhibiting the PI3K/ Akt/NF-κB Signaling Pathway in Vitro and in Vivo. Cellular Physiology and Biochemistry, 2018, 46, 999-1008. | 1.1 | 58 |
| 67 | Dendritic peptide bolaamphiphiles for siRNA delivery to primary adipocytes. Biomaterials, 2018, 178, 458-466. | 5.7 | 26 |
| 68 | Non-viral based miR delivery and recent developments. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 128, 82-90. | 2.0 | 61 |
| 69 | Bioengineered Noncoding RNAs Selectively Change Cellular miRNome Profiles for Cancer Therapy. Journal of Pharmacology and Experimental Therapeutics, 2018, 365, 494-506. | 1.3 | 46 |
| 70 | miRNA regulation of innate immunity. Journal of Leukocyte Biology, 2018, 103, 1205-1217. | 1.5 | 73 |
| 71 | MicroRNA-136 functions as a tumor suppressor in osteosarcoma via regulating metadherin. Cancer Biomarkers, 2018, 22, 79-87. | 0.8 | 14 |
| 72 | Serum exosomal micro <scp>RNA</scp> s combined with alphaâ€fetoprotein as diagnostic markers of hepatocellular carcinoma. Cancer Medicine, 2018, 7, 1670-1679. | 1.3 | 119 |

| # | Article | IF | Citations |
|----|---|-----|-----------|
| 73 | Nucleic acids delivering nucleic acids. Advanced Drug Delivery Reviews, 2018, 134, 79-93. | 6.6 | 50 |
| 74 | The noncoding-RNA landscape in cardiovascular health and disease. Non-coding RNA Research, 2018, 3, 12-19. | 2.4 | 24 |
| 75 | Hepatoma cellâ€secreted exosomal microRNAâ€103 increases vascular permeability and promotes metastasis by targeting junction proteins. Hepatology, 2018, 68, 1459-1475. | 3.6 | 268 |
| 76 | Survivin-targeting miR-542-3p overcomes HER3 signaling-induced chemoresistance and enhances the antitumor activity of paclitaxel against HER2-overexpressing breast cancer. Cancer Letters, 2018, 420, 97-108. | 3.2 | 44 |
| 77 | Pharmacokinetic and Chemical Synthesis Optimization of a Potent <scp>d</scp> -Peptide HIV Entry Inhibitor Suitable for Extended-Release Delivery. Molecular Pharmaceutics, 2018, 15, 1169-1179. | 2.3 | 14 |
| 78 | miR-499 Ameliorates Podocyte Injury by Targeting Calcineurin in Minimal Change Disease. American Journal of Nephrology, 2018, 47, 94-102. | 1.4 | 10 |
| 79 | miRTarBase update 2018: a resource for experimentally validated microRNA-target interactions. Nucleic Acids Research, 2018, 46, D296-D302. | 6.5 | 1,591 |
| 80 | Dicer inactivation stimulates limb regeneration ability in Xenopus laevis. Wound Repair and Regeneration, 2018, 26, 46-53. | 1.5 | 2 |
| 81 | MicroRNAs in the pathogenesis and treatment of progressive liver injury in NAFLD and liver fibrosis. Advanced Drug Delivery Reviews, 2018, 129, 54-63. | 6.6 | 98 |
| 82 | Local Delivery of miR-21 Stabilizes Fibrous Caps in Vulnerable Atherosclerotic Lesions. Molecular Therapy, 2018, 26, 1040-1055. | 3.7 | 75 |
| 83 | Therapeutic Targeting of Long Non-Coding RNAs in Cancer. Trends in Molecular Medicine, 2018, 24, 257-277. | 3.5 | 453 |
| 84 | microRNA-219 Reduces Viral Load and Pathologic Changes in Theiler's Virus-Induced Demyelinating Disease. Molecular Therapy, 2018, 26, 730-743. | 3.7 | 13 |
| 85 | Up-regulation of miR-340-5p promotes progression of thyroid cancer by inhibiting BMP4. Journal of Endocrinological Investigation, 2018, 41, 1165-1172. | 1.8 | 30 |
| 86 | Epithelial Mesenchymal Transition in Tumor Metastasis. Annual Review of Pathology: Mechanisms of Disease, 2018, 13, 395-412. | 9.6 | 896 |
| 87 | MicroRNA expression in SMARCB1/INI1-deficient sinonasal carcinoma: a clinicopathological and molecular genetic study. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2018, 472, 871-875. | 1.4 | 4 |
| 88 | PAX3-FOXO1 drives miR-486-5p and represses miR-221 contributing to pathogenesis of alveolar rhabdomyosarcoma. Oncogene, 2018, 37, 1991-2007. | 2.6 | 39 |
| 89 | The role of the miRâ€200 family in epithelial–mesenchymal transition in colorectal cancer: a systematic review. International Journal of Cancer, 2018, 142, 2501-2511. | 2.3 | 74 |
| 90 | Selfâ€Assembly of Bidirectionalâ€Signal Nanoclusters for Two miRNAs Simultaneously Monitoring in Single Cancer Cells. Particle and Particle Systems Characterization, 2018, 35, 1700330. | 1.2 | 2 |

| # | Article | IF | CITATIONS |
|-----|---|-------------|-----------|
| 91 | The MicroRNA. Methods in Molecular Biology, 2018, 1733, 1-25. | 0.4 | 19 |
| 92 | Hallmarks of cancer– focus on RNA metabolism and regulatory noncoding RNAs. Cancer Letters, 2018, 420, 208-209. | 3.2 | 3 |
| 93 | Sensitive electrochemical detection of microRNA-21 based on propylamine-functionalized mesoporous silica with glucometer readout. Analytical and Bioanalytical Chemistry, 2018, 410, 1863-1871. | 1.9 | 13 |
| 94 | Sex disparity in cancer: roles of microRNAs and related functional players. Cell Death and Differentiation, 2018, 25, 477-485. | 5. O | 71 |
| 95 | Diagnostic and therapeutic applications of miRNA-based strategies to cancer immunotherapy. Cancer and Metastasis Reviews, 2018, 37, 45-53. | 2.7 | 30 |
| 96 | Are miRNAs critical determinants in herpes simplex virus pathogenesis?. Microbes and Infection, 2018, 20, 461-465. | 1.0 | 18 |
| 97 | Using Genome Sequence to Enable the Design of Medicines and Chemical Probes. Chemical Reviews, 2018, 118, 1599-1663. | 23.0 | 64 |
| 98 | Human cancer tissues exhibit reduced A-to-I editing of miRNAs coupled with elevated editing of their targets. Nucleic Acids Research, 2018, 46, 71-82. | 6.5 | 138 |
| 99 | Personalized RNA Medicine for Pancreatic Cancer. Clinical Cancer Research, 2018, 24, 1734-1747. | 3.2 | 67 |
| 100 | Macromolecule nanotherapeutics: approaches and challenges. Drug Discovery Today, 2018, 23, 1053-1061. | 3.2 | 32 |
| 101 | Hyperglycaemia-induced miR-301a promotes cell proliferation by repressing p21 and Smad4 in prostate cancer. Cancer Letters, 2018, 418, 211-220. | 3.2 | 40 |
| 102 | miR-139-5p inhibits aerobic glycolysis, cell proliferation, migration, and invasion in hepatocellular carcinoma via a reciprocal regulatory interaction with ETS1. Oncogene, 2018, 37, 1624-1636. | 2.6 | 92 |
| 103 | MicroRNA-212 activates hepatic stellate cells and promotes liver fibrosis via targeting SMAD7. Biochemical and Biophysical Research Communications, 2018, 496, 176-183. | 1.0 | 27 |
| 104 | Non-coding RNAs: key regulators of smooth muscle cell fate in vascular disease. Cardiovascular Research, 2018, 114, 611-621. | 1.8 | 70 |
| 105 | Driving chronicity in rheumatoid arthritis: perpetuating role of myeloid cells. Clinical and Experimental Immunology, 2018, 193, 13-23. | 1.1 | 29 |
| 106 | MicroRNA-based therapeutics in central nervous system injuries. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1125-1148. | 2.4 | 173 |
| 107 | MiR-760 suppresses human colorectal cancer growth by targeting BATF3/AP-1/cyclinD1 signaling. Journal of Experimental and Clinical Cancer Research, 2018, 37, 83. | 3.5 | 65 |
| 108 | Large-scale discovery of previously undetected microRNAs specific to human liver. Human Genomics, 2018, 12, 16. | 1.4 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 109 | Downregulation of microRNA-21 inhibited radiation-resistance of esophageal squamous cell carcinoma. Cancer Cell International, 2018, 18, 39. | 1.8 | 23 |
| 110 | miRâ€322â€5p targets <scp>IGF</scp> â€1 and is suppressed in the heart of rats with pulmonary hypertension. FEBS Open Bio, 2018, 8, 339-348. | 1.0 | 27 |
| 111 | A guide to miRNAs in inflammation and innate immune responses. FEBS Journal, 2018, 285, 3695-3716. | 2.2 | 141 |
| 112 | Prognostic and microRNA profile analysis for CD44 positive expression pediatric posterior fossa ependymoma. Clinical and Translational Oncology, 2018, 20, 1439-1447. | 1.2 | 9 |
| 113 | The therapeutic effect of miR-125b is enhanced by the prostaglandin endoperoxide synthase 2/cyclooxygenase 2 blockade and hampers ETS1 in the context of the microenvironment of bone metastasis. Cell Death and Disease, 2018, 9, 472. | 2.7 | 11 |
| 114 | MicroRNA-449a functions as a tumor suppressor in pancreatic cancer by the epigenetic regulation of ATDC expression. Biomedicine and Pharmacotherapy, 2018, 103, 782-789. | 2.5 | 24 |
| 115 | From "Cellular―RNA to "Smart―RNA: Multiple Roles of RNA in Genome Stability and Beyond. Chemical Reviews, 2018, 118, 4365-4403. | 23.0 | 63 |
| 116 | miR-450b Promotes Osteogenic Differentiation In Vitro and Enhances Bone Formation In Vivo by Targeting <i>BMP3</i> . Stem Cells and Development, 2018, 27, 600-611. | 1.1 | 38 |
| 117 | Preeclamptic plasma stimulates the expression of miRNAs, leading to a decrease in endothelin-1 production in endothelial cells. Pregnancy Hypertension, 2018, 12, 75-81. | 0.6 | 19 |
| 118 | MiR-144 suppresses proliferation, invasion, and migration of breast cancer cells through inhibiting CEP55. Cancer Biology and Therapy, 2018, 19, 306-315. | 1.5 | 52 |
| 119 | Cell-autonomous and cell non-autonomous downregulation of tumor suppressor DAB2IP by microRNA-149-3p promotes aggressiveness of cancer cells. Cell Death and Differentiation, 2018, 25, 1224-1238. | 5.0 | 33 |
| 120 | Delivery systems of current biologicals for the treatment of chronic cutaneous wounds and severe burns. Advanced Drug Delivery Reviews, 2018, 129, 219-241. | 6.6 | 83 |
| 121 | miR miR on the wall, who's the most malignant medulloblastoma miR of them all?. Neuro-Oncology, 2018, 20, 313-323. | 0.6 | 15 |
| 122 | Development and Implementation of an HTS-Compatible Assay for the Discovery of Selective Small-Molecule Ligands for Pre-microRNAs. SLAS Discovery, 2018, 23, 47-54. | 1.4 | 29 |
| 123 | Downregulation of microRNAâ€15aâ€3p is correlated with clinical outcome and negatively regulates cancer proliferation and migration in human osteosarcoma. Journal of Cellular Biochemistry, 2018, 119, 1215-1222. | 1.2 | 9 |
| 124 | Regulating the regulators: Epigenetic, transcriptional, and post-translational regulation of RGS proteins. Cellular Signalling, 2018, 42, 77-87. | 1.7 | 33 |
| 125 | miRandola 2017: a curated knowledge base of non-invasive biomarkers. Nucleic Acids Research, 2018, 46, D354-D359. | 6.5 | 61 |
| 126 | Up-regulation of miR-181a in clear cell renal cell carcinoma is associated with lower KLF6 expression, enhanced cell proliferation, accelerated cell cycle transition, and diminished apoptosis. Urologic Oncology: Seminars and Original Investigations, 2018, 36, 93.e23-93.e37. | 0.8 | 36 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | MicroRNA. Journal of Allergy and Clinical Immunology, 2018, 141, 1202-1207. | 1.5 | 1,587 |
| 128 | Insights into the key roles of epigenetics in matrix macromolecules-associated wound healing. Advanced Drug Delivery Reviews, 2018, 129, 16-36. | 6.6 | 47 |
| 129 | MicroRNAs: a new avenue to understand, investigate and treat immunoglobulin A nephropathy?. CKJ: Clinical Kidney Journal, 2018, 11, 29-37. | 1.4 | 20 |
| 130 | mirTrans: a resource of transcriptional regulation on microRNAs for human cell lines. Nucleic Acids Research, 2018, 46, D168-D174. | 6.5 | 18 |
| 131 | Challenging cancer targets for aptamer delivery. Biochimie, 2018, 145, 45-52. | 1.3 | 20 |
| 132 | MicroRNA and Diabetic Complications: A Clinical Perspective. Antioxidants and Redox Signaling, 2018, 29, 1041-1063. | 2.5 | 27 |
| 133 | Epigenetic regulation of miR-200 as the potential strategy for the therapy against triple-negative breast cancer. Gene, 2018, 641, 248-258. | 1.0 | 44 |
| 134 | MicroRNAs regulate synaptic plasticity underlying drug addiction. Genes, Brain and Behavior, 2018, 17, e12424. | 1.1 | 77 |
| 135 | MicroRNAâ€induced silencing in epilepsy: Opportunities and challenges for clinical application. Developmental Dynamics, 2018, 247, 94-110. | 0.8 | 53 |
| 136 | MicroRNAs as Clinical Biomarkers and Therapeutic Tools in Perioperative Medicine. Anesthesia and Analgesia, 2018, 126, 670-681. | 1.1 | 65 |
| 137 | $TGF\hat{I}^2$ as a therapeutic target in cystic fibrosis. Expert Opinion on Therapeutic Targets, 2018, 22, 177-189. | 1.5 | 36 |
| 138 | Harnessing CRISPR/Cas systems for programmable transcriptional and post-transcriptional regulation. Biotechnology Advances, 2018, 36, 295-310. | 6.0 | 87 |
| 139 | MicroRNAs as novel endogenous targets for regulation and therapeutic treatments. MedChemComm, 2018, 9, 396-408. | 3.5 | 25 |
| 140 | MicroRNAs and metastasis: small RNAs play big roles. Cancer and Metastasis Reviews, 2018, 37, 5-15. | 2.7 | 177 |
| 141 | RNA interference-based therapy and its delivery systems. Cancer and Metastasis Reviews, 2018, 37, 107-124. | 2.7 | 201 |
| 142 | Molecular genetics and cellular events of K-Ras-driven tumorigenesis. Oncogene, 2018, 37, 839-846. | 2.6 | 69 |
| 143 | DNAzyme-Mediated Assays for Amplified Detection of Nucleic Acids and Proteins. Analytical Chemistry, 2018, 90, 190-207. | 3.2 | 176 |
| 144 | MicroRNA-based therapeutics in cardiovascular disease: screening and delivery to the target. Biochemical Society Transactions, 2018, 46, 11-21. | 1.6 | 115 |

| # | Article | IF | Citations |
|-----|---|-----|-----------|
| 145 | Established Models and New Paradigms for Hypoxia-Driven Cancer-Associated Bone Disease. Calcified Tissue International, 2018, 102, 163-173. | 1.5 | 10 |
| 146 | Current attempts to implement microRNA-based diagnostics and therapy in cardiovascular and metabolic disease: a promising future. Drug Discovery Today, 2018, 23, 460-480. | 3.2 | 16 |
| 147 | Functional role and therapeutic targeting of microRNAs in inflammatory bowel disease. American Journal of Physiology - Renal Physiology, 2018, 314, G256-G262. | 1.6 | 46 |
| 148 | The role of microRNAs in chronic respiratory disease: recent insights. Biological Chemistry, 2018, 399, 219-234. | 1.2 | 67 |
| 149 | Identification of Pleiotropic Cancer Susceptibility Variants from Genome-Wide Association Studies Reveals Functional Characteristics. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 75-85. | 1.1 | 25 |
| 150 | Small-Molecule Kinase Downregulators. Cell Chemical Biology, 2018, 25, 30-35. | 2.5 | 56 |
| 151 | MicroRNAs as novel biomarkers for colorectal cancer: New outlooks. Biomedicine and Pharmacotherapy, 2018, 97, 1319-1330. | 2.5 | 93 |
| 152 | microRNA biosensors: Opportunities and challenges among conventional and commercially available techniques. Biosensors and Bioelectronics, 2018, 99, 525-546. | 5.3 | 220 |
| 153 | MicroRNA-18a Expression in Female Coronary Heart Disease and Regulatory Mechanism on Endothelial Cell by Targeting Estrogen Receptor. Journal of Cardiovascular Pharmacology, 2018, 72, 277-284. | 0.8 | 11 |
| 154 | Role of microRNAs in alcohol-induced liver disorders and non-alcoholic fatty liver disease. World Journal of Gastroenterology, 2018, 24, 4104-4118. | 1.4 | 88 |
| 155 | Target RNA-directed microRNA degradation; which controls which?. Non-coding RNA Investigation, 2018, 2, 62-62. | 0.6 | 8 |
| 156 | Commentary: Lico A causes ER stress and apoptosis via up-regulating miR-144-3p in human lung cancer cell line H292. Biomedical Journal, 2018, 41, 391-392. | 1.4 | 10 |
| 157 | PNUTS at the crossroads of tumorigenesis and metastasis formation. Journal of Thoracic Disease, 2018, 10, 560-563. | 0.6 | 5 |
| 158 | Evaluation of the performance of serum miRNAs as normalizers in microRNA studies focused on cardiovascular disease. Journal of Thoracic Disease, 2018, 10, 2599-2607. | 0.6 | 25 |
| 159 | [Regular Paper] Identification of Several Core Overexpressed MicroRNAs that Could Predict Survival in Patients with Ovarian Cancer., 2018,,. | | 0 |
| 160 | Colorectal carcinogenesis: Insights into the cell death and signal transduction pathways: A review. World Journal of Gastrointestinal Oncology, 2018, 10, 244-259. | 0.8 | 69 |
| 161 | miR‑675 promotes colorectal cancer cell growth dependent on tumor suppressor DMTF1. Molecular Medicine Reports, 2018, 19, 1481-1490. | 1.1 | 15 |
| 162 | Formulation of RNA interference-based drugs for pulmonary delivery: challenges and opportunities. Therapeutic Delivery, 2018, 9, 731-749. | 1.2 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | In-Silico Modeling for the Identification of Regulatory Microrna Targets in Epithelial Mesenchymal Transition. , $2018, , .$ | | 0 |
| 164 | MicroRNA‑342‑3p functions as a tumor suppressor by targeting LIM and SH3 protein 1 in oral squamous cell carcinoma. Oncology Letters, 2018, 17, 688-696. | 0.8 | 6 |
| 165 | A dual signal amplification method for miR-204 assay by combining chimeric molecular beacon with double-stranded nuclease. Analytical Methods, 2018, 10, 5834-5841. | 1.3 | 11 |
| 166 | MicroRNA‑154 functions as a tumor suppressor in bladder cancer by directly targeting ATG7. Oncology Reports, 2018, 41, 819-828. | 1.2 | 27 |
| 167 | MiR-192, miR-200c and miR-17 are fibroblast-mediated inhibitors of colorectal cancer invasion. Oncotarget, 2018, 9, 35559-35580. | 0.8 | 26 |
| 168 | MicroRNAs in the prognosis and therapy of colorectal cancer: From bench to bedside. World Journal of Gastroenterology, 2018, 24, 2949-2973. | 1.4 | 159 |
| 169 | Molecular Mechanisms and Biomarkers of Skin Photocarcinogenesis., 2018,,. | | 1 |
| 170 | Regulation of muscle atrophy by microRNAs. Current Opinion in Clinical Nutrition and Metabolic Care, 2018, 21, 423-429. | 1.3 | 16 |
| 171 | miR‑590‒5p suppresses osteosarcoma cell proliferation and invasion via targeting KLF5. Molecular Medicine Reports, 2018, 18, 2328-2334. | 1.1 | 15 |
| 172 | Biogenesis, Stabilization, and Transport of microRNAs in Kidney Health and Disease. Non-coding RNA, 2018, 4, 30. | 1.3 | 5 |
| 173 | A Simplified System to Express Circularized Inhibitors of miRNA for Stable and Potent Suppression of miRNA Functions. Molecular Therapy - Nucleic Acids, 2018, 13, 556-567. | 2.3 | 31 |
| 174 | Exercise Training-Induced Changes in MicroRNAs: Beneficial Regulatory Effects in Hypertension, Type 2 Diabetes, and Obesity. International Journal of Molecular Sciences, 2018, 19, 3608. | 1.8 | 74 |
| 175 | Cardiovascular Involvement in Chronic Hepatitis C Virus Infections – Insight from Novel Antiviral Therapies. Journal of Clinical and Translational Hepatology, 2018, 6, 1-7. | 0.7 | 11 |
| 176 | Presence and diagnostic value of circulating tsncRNA for ovarian tumor. Molecular Cancer, 2018, 17, 163. | 7.9 | 19 |
| 177 | A meta-analysis of dysregulated miRNAs in coronary heart disease. Life Sciences, 2018, 215, 170-181. | 2.0 | 33 |
| 178 | C/VDdb: A multi-omics expression profiling database for a knowledge-driven approach in cardiovascular disease (CVD). PLoS ONE, 2018, 13, e0207371. | 1.1 | 21 |
| 179 | MicroRNA-122 Mimic Improves Stroke Outcomes and Indirectly Inhibits NOS2 After Middle Cerebral Artery Occlusion in Rats. Frontiers in Neuroscience, 2018, 12, 767. | 1.4 | 11 |
| 180 | Hypoxic Microenvironment and Metastatic Bone Disease. International Journal of Molecular Sciences, 2018, 19, 3523. | 1.8 | 51 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | MicroRNA-153-3p enhances cell radiosensitivity by targeting BCL2 in human glioma. Biological Research, 2018, 51, 56. | 1.5 | 39 |
| 182 | MiR-3188 Inhibits Non-small Cell Lung Cancer Cell Proliferation Through FOXO1-Mediated mTOR-p-PI3K/AKT-c-JUN Signaling Pathway. Frontiers in Pharmacology, 2018, 9, 1362. | 1.6 | 18 |
| 183 | Long Non-coding RNAs Are Central Regulators of the IL- $1\hat{1}^2$ -Induced Inflammatory Response in Normal and Idiopathic Pulmonary Lung Fibroblasts. Frontiers in Immunology, 2018, 9, 2906. | 2.2 | 47 |
| 184 | microRNAs Sculpt Neuronal Communication in a Tight Balance That Is Lost in Neurological Disease. Frontiers in Molecular Neuroscience, 2018, 11, 455. | 1.4 | 47 |
| 185 | miRNAs as Modulators of EGFR Therapy in Colorectal Cancer. Advances in Experimental Medicine and Biology, 2018, 1110, 133-147. | 0.8 | 4 |
| 186 | MicroRNAâ€101 protects bladder of BOO from hypoxiaâ€induced fibrosis by attenuating TGFâ€Î²â€smad2/3 signaling. IUBMB Life, 2019, 71, 235-243. | 1.5 | 17 |
| 187 | A genetically engineered microRNA-34a prodrug demonstrates anti-tumor activity in a canine model of osteosarcoma. PLoS ONE, 2018, 13, e0209941. | 1.1 | 15 |
| 188 | Identification of molecular genetic contributants to canine cutaneous mast cell tumour metastasis by global gene expression analysis. PLoS ONE, 2018, 13, e0208026. | 1.1 | 10 |
| 189 | microRNA-2110 functions as an onco-suppressor in neuroblastoma by directly targeting Tsukushi. PLoS ONE, 2018, 13, e0208777. | 1.1 | 22 |
| 190 | microRNA-29b mediates fibrotic induction of human xylosyltransferase-I in human dermal fibroblasts via the Sp1 pathway. Scientific Reports, 2018, 8, 17779. | 1.6 | 14 |
| 191 | Differential expression of MicroRNA let-7e and 296-5p in plasma of Egyptian patients with essential hypertension. Heliyon, 2018, 4, e00969. | 1.4 | 5 |
| 192 | Pan-cancer characterisation of microRNA across cancer hallmarks reveals microRNA-mediated downregulation of tumour suppressors. Nature Communications, 2018, 9, 5228. | 5.8 | 110 |
| 193 | Preclinical development of a microRNA-based therapy for intervertebral disc degeneration. Nature Communications, 2018, 9, 5051. | 5.8 | 171 |
| 194 | miRTissue: a web application for the analysis of miRNA-target interactions in human tissues. BMC Bioinformatics, 2018, 19, 434. | 1.2 | 7 |
| 195 | Dysregulation of miR-6868-5p/FOXM1 circuit contributes to colorectal cancer angiogenesis. Journal of Experimental and Clinical Cancer Research, 2018, 37, 292. | 3.5 | 20 |
| 196 | Emerging Roles of Circular RNAs in Osteosarcoma. Medical Science Monitor, 2018, 24, 7043-7050. | 0.5 | 33 |
| 197 | Reprogramming Cells for Synergistic Combination Therapy with Nanotherapeutics against Uveal Melanoma. Biomimetics, 2018, 3, 28. | 1.5 | 16 |
| 198 | Bone protection by inhibition of microRNA-182. Nature Communications, 2018, 9, 4108. | 5.8 | 71 |

| # | Article | IF | Citations |
|-----|--|-----|-----------|
| 199 | MicroRNA-mediated Regulation of the Development and Functions of Follicular Helper T cells. Immune Network, 2018, 18, e7. | 1.6 | 7 |
| 200 | Circular RNAs as Biomarkers for Cancer. Advances in Experimental Medicine and Biology, 2018, 1087, 171-187. | 0.8 | 25 |
| 201 | MicroRNAs and DNA-Damaging Drugs in Breast Cancer: Strength in Numbers. Frontiers in Oncology, 2018, 8, 352. | 1.3 | 13 |
| 202 | Capn4 expression is modulated by microRNA-520b and exerts an oncogenic role in prostate cancer cells by promoting Wnt/β-catenin signaling. Biomedicine and Pharmacotherapy, 2018, 108, 467-475. | 2.5 | 9 |
| 203 | Animal models for analysis of immunological responses to nanomaterials: Challenges and considerations. Advanced Drug Delivery Reviews, 2018, 136-137, 82-96. | 6.6 | 43 |
| 204 | Role of extracellular matrix and microenvironment in regulation of tumor growth and LAR-mediated invasion in glioblastoma. PLoS ONE, 2018, 13, e0204865. | 1.1 | 40 |
| 205 | The promising role of miR-296 in human cancer. Pathology Research and Practice, 2018, 214, 1915-1922. | 1.0 | 21 |
| 206 | Generation of MicroRNA-34 Sponges and Tough Decoys for the Heart: Developments and Challenges. Frontiers in Pharmacology, 2018, 9, 1090. | 1.6 | 21 |
| 207 | HGF/c-MET: A Promising Therapeutic Target in the Digestive System Cancers. International Journal of Molecular Sciences, 2018, 19, 3295. | 1.8 | 37 |
| 208 | Novel therapeutic targets in autoimmune hepatitis. Journal of Autoimmunity, 2018, 95, 34-46. | 3.0 | 28 |
| 209 | Short fish-origin DNA elements served as flanking sequences in a knockdown cloning vector enabling the generation of a functional siRNA molecule in mammalian cells and fish embryos. Biochemical and Biophysical Research Communications, 2018, 505, 850-857. | 1.0 | 0 |
| 210 | Cellâ€Selective Delivery of MicroRNA with a MicroRNA–Peptide Conjugate Nanocomplex. Chemistry - an Asian Journal, 2018, 13, 3845-3849. | 1.7 | 15 |
| 211 | Virus Sensor RIG-I Represses RNA Interference by Interacting with TRBP through LGP2 in Mammalian Cells. Genes, 2018, 9, 511. | 1.0 | 16 |
| 212 | The Role of MicroRNAs in Hepatocellular Carcinoma. Journal of Cancer, 2018, 9, 3557-3569. | 1.2 | 128 |
| 213 | Inhibition of miR-449a Promotes Cartilage Regeneration and Prevents Progression of Osteoarthritis in InÂVivo Rat Models. Molecular Therapy - Nucleic Acids, 2018, 13, 322-333. | 2.3 | 32 |
| 214 | Reduced miR-125a-5p level in non-small-cell lung cancer is associated with tumour progression. Open Biology, 2018, 8, 180118. | 1.5 | 18 |
| 215 | Targeting hepatic miR-221/222 for therapeutic intervention of nonalcoholic steatohepatitis in mice. EBioMedicine, 2018, 37, 307-321. | 2.7 | 32 |
| 216 | Herpesviruses and MicroRNAs: New Pathogenesis Factors in Oral Infection and Disease?. Frontiers in Immunology, 2018, 9, 2099. | 2.2 | 34 |

| # | Article | IF | CITATIONS |
|-----|--|-------------|-----------|
| 217 | Tumor Cell-Derived Extracellular Vesicle-Coated Nanocarriers: An Efficient Theranostic Platform for the Cancer-Specific Delivery of Anti-miR-21 and Imaging Agents. ACS Nano, 2018, 12, 10817-10832. | 7. 3 | 170 |
| 218 | <i>Let-7</i> microRNA as a potential therapeutic target with implications for immunotherapy. Expert Opinion on Therapeutic Targets, 2018, 22, 929-939. | 1.5 | 67 |
| 219 | Aptamer-miR-34c Conjugate Affects Cell Proliferation of Non-Small-Cell Lung Cancer Cells. Molecular Therapy - Nucleic Acids, 2018, 13, 334-346. | 2.3 | 43 |
| 220 | Aptamer-iRNAs as Therapeutics for Cancer Treatment. Pharmaceuticals, 2018, 11, 108. | 1.7 | 37 |
| 221 | Roadmap and strategy for overcoming infusion reactions to nanomedicines. Nature Nanotechnology, 2018, 13, 1100-1108. | 15.6 | 130 |
| 222 | Metabolism and Epigenetic Interplay in Cancer: Regulation and Putative Therapeutic Targets. Frontiers in Genetics, 2018, 9, 427. | 1.1 | 88 |
| 223 | MicroRNA Isolation from Plasma for Real-Time qPCR Array. Current Protocols in Human Genetics, 2018, 99, e69. | 3.5 | 4 |
| 224 | MicroRNA-613 promotes colon cancer cell proliferation, invasion and migration by targeting ATOH1. Biochemical and Biophysical Research Communications, 2018, 504, 827-833. | 1.0 | 18 |
| 225 | A translational perspective on epigenetics in allergic diseases. Journal of Allergy and Clinical Immunology, 2018, 142, 715-726. | 1.5 | 51 |
| 226 | Graphene-based Nano-Carrier modifications for gene delivery applications. Carbon, 2018, 140, 569-591. | 5.4 | 72 |
| 227 | Molecular pathways involved in microRNA-mediated regulation of multidrug resistance. Molecular Biology Reports, 2018, 45, 2913-2923. | 1.0 | 10 |
| 228 | Dynamic Proteomic and miRNA Analysis of Polysomes from Isolated Mouse Heart After Langendorff Perfusion. Journal of Visualized Experiments, 2018, , . | 0.2 | 3 |
| 229 | Molecular pathogenesis of triple-negative breast cancer based on microRNA expression signatures: antitumor miR-204-5p targets AP1S3. Journal of Human Genetics, 2018, 63, 1197-1210. | 1.1 | 41 |
| 230 | Largeâ€scale identification of functional microRNA targeting reveals cooperative regulation of the hemostatic system. Journal of Thrombosis and Haemostasis, 2018, 16, 2233-2245. | 1.9 | 30 |
| 231 | Sperm epigenome as a marker of environmental exposure and lifestyle, at the origin of diseases inheritance. Mutation Research - Reviews in Mutation Research, 2018, 778, 38-44. | 2.4 | 53 |
| 232 | Chaperone-mediated autophagy as a therapeutic target for Parkinson disease. Expert Opinion on Therapeutic Targets, 2018, 22, 823-832. | 1.5 | 31 |
| 233 | MiR-519d suppresses breast cancer tumorigenesis and metastasis via targeting MMP3. International Journal of Biological Sciences, 2018, 14, 228-236. | 2.6 | 44 |
| 234 | Dendrimers Show Promise for siRNA and microRNA Therapeutics. Pharmaceutics, 2018, 10, 126. | 2.0 | 77 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 235 | Recent insights into the development of nucleic acid-based nanoparticles for tumor-targeted drug delivery. Colloids and Surfaces B: Biointerfaces, 2018, 172, 315-322. | 2.5 | 24 |
| 236 | miR-497/Wnt3a/c-jun feedback loop regulates growth and epithelial-to-mesenchymal transition phenotype in glioma cells. International Journal of Biological Macromolecules, 2018, 120, 985-991. | 3.6 | 16 |
| 237 | miR‑34a derived from mesenchymal stem cells stimulates senescence in glioma cells by inducing DNA damage. Molecular Medicine Reports, 2019, 19, 1849-1857. | 1.1 | 14 |
| 238 | Therapeutic target database update 2018: enriched resource for facilitating bench-to-clinic research of targeted therapeutics. Nucleic Acids Research, 2018, 46, D1121-D1127. | 6.5 | 462 |
| 239 | miRNAs reshape immunity and inflammatory responses in bacterial infection. Signal Transduction and Targeted Therapy, 2018, 3, 14. | 7.1 | 110 |
| 240 | Genome-Wide Posttranscriptional Dysregulation by MicroRNAs in Human Asthma as Revealed by Frac-seq. Journal of Immunology, 2018, 201, 251-263. | 0.4 | 28 |
| 241 | A miR-124/ITGA3 axis contributes to colorectal cancer metastasis by regulating anoikis susceptibility. Biochemical and Biophysical Research Communications, 2018, 501, 758-764. | 1.0 | 22 |
| 242 | Expansion of cat-ELCCA for the Discovery of Small Molecule Inhibitors of the Pre-let-7–Lin28 RNA–Protein Interaction. ACS Medicinal Chemistry Letters, 2018, 9, 517-521. | 1.3 | 37 |
| 243 | Evaluation of Exon Inclusion Induced by Splice Switching Antisense Oligonucleotides in SMA Patient Fibroblasts. Journal of Visualized Experiments, 2018, , . | 0.2 | 5 |
| 244 | High-density functional-RNA arrays as a versatile platform for studying RNA-based interactions. Nucleic Acids Research, 2018, 46, e86-e86. | 6.5 | 11 |
| 245 | Perinatal Origins of Adult Disease. Neonatology, 2018, 113, 393-399. | 0.9 | 95 |
| 246 | Development of stable liquid formulations for oligonucleotides. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 129, 80-87. | 2.0 | 8 |
| 247 | Noncoding <scp>RNA</scp> s in disease. FEBS Letters, 2018, 592, 2884-2900. | 1.3 | 215 |
| 248 | Sensitization of Gastric Cancer Cells to 5-FU by MicroRNA-204 Through Targeting the TGFBR2-Mediated Epithelial to Mesenchymal Transition. Cellular Physiology and Biochemistry, 2018, 47, 1533-1545. | 1.1 | 49 |
| 249 | MiR-592 Promotes Gastric Cancer Proliferation, Migration, and Invasion Through the PI3K/AKT and MAPK/ERK Signaling Pathways by Targeting Spry2. Cellular Physiology and Biochemistry, 2018, 47, 1465-1481. | 1.1 | 55 |
| 250 | Opposing roles of microRNA Argonautes during Caenorhabditis elegans aging. PLoS Genetics, 2018, 14, e1007379. | 1.5 | 42 |
| 251 | Emerging Role of MicroRNA in Diabetes Mellitus. , 2018, , 215-223. | | 0 |
| 252 | Critical Roles of microRNAs in the Pathogenesis of Fatty Liver: New Advances, Challenges, and Potential Directions. Biochemical Genetics, 2018, 56, 423-449. | 0.8 | 11 |

| # | Article | IF | Citations |
|-----|---|-----|-----------|
| 253 | Bioreducible Polymeric Nanoparticles Containing Multiplexed Cancer Stem Cell Regulating miRNAs Inhibit Glioblastoma Growth and Prolong Survival. Nano Letters, 2018, 18, 4086-4094. | 4.5 | 117 |
| 254 | At the heart of programming: the role of micro-RNAs. Journal of Developmental Origins of Health and Disease, 2018, 9, 615-631. | 0.7 | 6 |
| 255 | High-throughput chemical screening to discover new modulators of microRNA expression in living cells by using graphene-based biosensor. Scientific Reports, 2018, 8, 11413. | 1.6 | 17 |
| 256 | Therapeutic Silencing of miR-214 Inhibits Tumor Progression in Multiple Mouse Models. Molecular Therapy, 2018, 26, 2008-2018. | 3.7 | 26 |
| 257 | Design of synthetic materials for intracellular delivery of RNAs: From siRNA-mediated gene silencing to CRISPR/Cas gene editing. Nano Research, 2018, 11, 5310-5337. | 5.8 | 31 |
| 258 | Targeting Accessories to the Crime: Nanoparticle Nucleic Acid Delivery to the Tumor Microenvironment. Frontiers in Pharmacology, 2018, 9, 307. | 1.6 | 25 |
| 259 | Interplay of miRNAs and Canonical Wnt Signaling Pathway in Hepatocellular Carcinoma. Frontiers in Pharmacology, 2018, 9, 657. | 1.6 | 22 |
| 260 | Long non-coding RNAs in ovarian cancer. Journal of Experimental and Clinical Cancer Research, 2018, 37, 120. | 3.5 | 76 |
| 261 | Methylation-associated silencing of <i>miR-193a-3p</i> promotes ovarian cancer aggressiveness by targeting GRB7 and MAPK/ERK pathways. Theranostics, 2018, 8, 423-436. | 4.6 | 61 |
| 262 | Epigenetic Alterations of Wnt Signaling Pathways in Nasopharyngeal Carcinoma. Current Pharmacology Reports, 2018, 4, 337-345. | 1.5 | 0 |
| 263 | RNA triphosphatase DUSP11 enables exonuclease XRN-mediated restriction of hepatitis C virus. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8197-8202. | 3.3 | 32 |
| 264 | Using microRNAs as Novel Predictors of Urologic Cancer Survival: An Integrated Analysis. EBioMedicine, 2018, 34, 94-107. | 2.7 | 19 |
| 265 | MicroRNA-101a suppresses fibrotic programming in isolated cardiac fibroblasts and in vivo fibrosis following trans-aortic constriction. Journal of Molecular and Cellular Cardiology, 2018, 121, 266-276. | 0.9 | 21 |
| 266 | Function of miR-146a-5p in Tumor Cells As a Regulatory Switch between Cell Death and Angiogenesis: Macrophage Therapy Revisited. Frontiers in Immunology, 2017, 8, 1931. | 2.2 | 25 |
| 267 | MicroRNA-155â€"at the Critical Interface of Innate and Adaptive Immunity in Arthritis. Frontiers in Immunology, 2017, 8, 1932. | 2.2 | 170 |
| 268 | NLR-Dependent Regulation of Inflammation in Multiple Sclerosis. Frontiers in Immunology, 2017, 8, 2012. | 2.2 | 66 |
| 269 | miR-301, Pleiotropic MicroRNA in Regulation of Inflammatory Bowel Disease and Colitis-Associated Cancer. Frontiers in Immunology, 2018, 9, 522. | 2,2 | 5 |
| 270 | MicroRNA-Related Polymorphisms in Infectious Diseasesâ€"Tiny Changes With a Huge Impact on Viral Infections and Potential Clinical Applications. Frontiers in Immunology, 2018, 9, 1316. | 2.2 | 21 |

| # | Article | IF | CITATIONS |
|-----|--|--------------|-----------|
| 271 | Gut Microbiota: An Integral Moderator in Health and Disease. Frontiers in Microbiology, 2018, 9, 151. | 1.5 | 306 |
| 272 | Non-Coding RNAs and Resistance to Anticancer Drugs in Gastrointestinal Tumors. Frontiers in Oncology, 2018, 8, 226. | 1.3 | 56 |
| 273 | MicroRNAs as Mediators of Resistance Mechanisms to Small-Molecule Tyrosine Kinase Inhibitors in Solid Tumours. Targeted Oncology, 2018, 13, 423-436. | 1.7 | 5 |
| 274 | RNA-Targeted Therapies and Amyotrophic Lateral Sclerosis. Biomedicines, 2018, 6, 9. | 1.4 | 20 |
| 275 | The Unforeseen Non-Coding RNAs in Head and Neck Cancer. Genes, 2018, 9, 134. | 1.0 | 24 |
| 276 | Simultaneous and stoichiometric purification of hundreds of oligonucleotides. Nature Communications, 2018, 9, 2467. | 5. 8 | 22 |
| 277 | miR-130a and miR-145 reprogram Gr-1+CD11b+ myeloid cells and inhibit tumor metastasis through improved host immunity. Nature Communications, 2018, 9, 2611. | 5 . 8 | 29 |
| 278 | Micro-Economics of Apoptosis in Cancer: ncRNAs Modulation of BCL-2 Family Members. International Journal of Molecular Sciences, 2018, 19, 958. | 1.8 | 20 |
| 279 | Role of MicroRNAs in Renal Parenchymal Diseasesâ€"A New Dimension. International Journal of Molecular Sciences, 2018, 19, 1797. | 1.8 | 20 |
| 280 | MicroRNA-29b-2-5p inhibits cell proliferation by directly targeting Cbl-b in pancreatic ductal adenocarcinoma. BMC Cancer, 2018, 18, 681. | 1.1 | 19 |
| 281 | MicroRNAs as Potential Biomarkers in Merkel Cell Carcinoma. International Journal of Molecular Sciences, 2018, 19, 1873. | 1.8 | 17 |
| 282 | Exosome-Mediated Small RNA Delivery: A Novel Therapeutic Approach for Inflammatory Lung Responses. Molecular Therapy, 2018, 26, 2119-2130. | 3.7 | 136 |
| 283 | Regulation and functions of Micro <scp>RNA</scp> â€149 in human cancers. Cell Proliferation, 2018, 51, e12465. | 2.4 | 17 |
| 284 | Novel approaches in the treatment of diabetic cardiomyopathy. Biomedicine and Pharmacotherapy, 2018, 106, 1039-1045. | 2.5 | 13 |
| 285 | miRNA in a multiomic context for diagnosis, treatment monitoring and personalized management of metastatic breast cancer. Future Oncology, 2018, 14, 1847-1867. | 1.1 | 28 |
| 286 | Mechanisms of human telomerase reverse transcriptase (hTERT) regulation: clinical impacts in cancer. Journal of Biomedical Science, 2018, 25, 22. | 2.6 | 172 |
| 287 | Applications of RNA Indexes for Precision Oncology in Breast Cancer. Genomics, Proteomics and Bioinformatics, 2018, 16, 108-119. | 3.0 | 16 |
| 288 | Integration analysis of microRNA and mRNA paired expression profiling identifies deregulated microRNA-transcription factor-gene regulatory networks in ovarian endometriosis. Reproductive Biology and Endocrinology, 2018, 16, 4. | 1.4 | 59 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 289 | Reduced Autophagy by a microRNA-mediated Signaling Cascade in Diabetes-induced Renal Glomerular Hypertrophy. Scientific Reports, 2018, 8, 6954. | 1.6 | 35 |
| 290 | MiR-876-5p suppresses cell proliferation by targeting Angiopoietin-1 in the psoriasis. Biomedicine and Pharmacotherapy, 2018, 103, 1163-1169. | 2.5 | 22 |
| 291 | Tackling Tumors with Small RNAs Derived from Transfer RNA. New England Journal of Medicine, 2018, 378, 1842-1843. | 13.9 | 14 |
| 292 | Long non-coding RNA SBF2-AS1 promotes hepatocellular carcinoma progression through regulation of miR-140-5p-TGFBR1 pathway. Biochemical and Biophysical Research Communications, 2018, 503, 2826-2832. | 1.0 | 42 |
| 293 | MiR-32 promotes tumorigenesis of colorectal cancer by targeting BMP5. Biomedicine and Pharmacotherapy, 2018, 106, 1046-1051. | 2.5 | 32 |
| 294 | MiR-92a promotes tumorigenesis of colorectal cancer, a transcriptomic and functional based study. Biomedicine and Pharmacotherapy, 2018, 106, 1370-1377. | 2.5 | 62 |
| 296 | Targeting of HER3 with Functional Cooperative miRNAs Enhances Therapeutic Activity in HER2-Overexpressing Breast Cancer Cells. Biological Procedures Online, 2018, 20, 16. | 1.4 | 12 |
| 297 | RNA Therapeutics in Cardiovascular Precision Medicine. Frontiers in Physiology, 2018, 9, 953. | 1.3 | 63 |
| 298 | miR-34a-mediated regulation of XIST in female cells under inflammation. Journal of Pain Research, 2018, Volume 11, 935-945. | 0.8 | 29 |
| 299 | MicroRNA-433 Represses Proliferation and Invasion of Colon Cancer Cells by Targeting Homeobox A1. Oncology Research, 2018, 26, 315-322. | 0.6 | 11 |
| 300 | Recent Advances in RNA Therapeutics and RNA Delivery Systems Based on Nanoparticles. Advanced Therapeutics, 2018, 1, 1800065. | 1.6 | 52 |
| 301 | Plasma microRNA markers of upper limb recovery following human stroke. Scientific Reports, 2018, 8, 12558. | 1.6 | 17 |
| 302 | The potential role of miRNAs in multiple myeloma therapy. Expert Review of Hematology, 2018, 11, 793-803. | 1.0 | 23 |
| 303 | The global role of biotechnology for non communicable disorders. Journal of Biotechnology, 2018, 283, 115-119. | 1.9 | 4 |
| 304 | MicroRNA-30c-5p modulates neuropathic pain in rodents. Science Translational Medicine, 2018, 10, . | 5.8 | 46 |
| 305 | MicroRNAs and immunity in periodontal health and disease. International Journal of Oral Science, 2018, 10, 24. | 3.6 | 86 |
| 306 | MicroRNAs as New Biomarkers for Diagnosis and Prognosis, and as Potential Therapeutic Targets in Acute Myeloid Leukemia. International Journal of Molecular Sciences, 2018, 19, 460. | 1.8 | 62 |
| 307 | PM _{2.5} downregulates miR-194-3p and accelerates apoptosis in cigarette-inflamed bronchial epithelium by targeting death-associated protein kinase 1. International Journal of COPD, 2018, Volume 13, 2339-2349. | 0.9 | 29 |

| # | Article | IF | Citations |
|-----|---|------|-----------|
| 308 | Characterization of microRNA expression in primary human colon adenocarcinoma cells (SW480) and their lymph node metastatic derivatives (SW620). OncoTargets and Therapy, 2018, Volume 11, 4701-4709. | 1.0 | 23 |
| 309 | MicroRNAâ€'2682â€'3p inhibits osteosarcoma cell proliferation by targeting CCND2, MMP8 and Myd88. Oncology Letters, 2018, 16, 3359-3364. | 0.8 | 9 |
| 310 | MicroRNA-30 mediates cell invasion and metastasis in breast cancer. Biochemistry and Cell Biology, 2018, 96, 825-831. | 0.9 | 12 |
| 311 | MicroRNA profiling in plasma samples using qPCR arrays: Recommendations for correct analysis and interpretation. PLoS ONE, 2018, 13, e0193173. | 1.1 | 49 |
| 312 | MicroRNA-222 Promotes Invasion and Metastasis of Papillary Thyroid Cancer Through Targeting Protein Phosphatase 2 Regulatory Subunit B Alpha Expression. Thyroid, 2018, 28, 1162-1173. | 2.4 | 46 |
| 313 | New emerging roles of microRNAs in breast cancer. Breast Cancer Research and Treatment, 2018, 171, 247-259. | 1.1 | 46 |
| 314 | Structure and Composition Define Immunorecognition of Nucleic Acid Nanoparticles. Nano Letters, 2018, 18, 4309-4321. | 4.5 | 100 |
| 315 | Long noncoding RNA PVT1-214 promotes proliferation and invasion of colorectal cancer by stabilizing Lin28 and interacting with miR-128. Oncogene, 2019, 38, 164-179. | 2.6 | 87 |
| 316 | MiRâ€214 is an important regulator of the musculoskeletal metabolism and disease. Journal of Cellular Physiology, 2019, 234, 231-245. | 2.0 | 49 |
| 317 | Identification of a miRNAs signature associated with exposure to stress early in life and enhanced vulnerability for schizophrenia: New insights for the key role of miR-125b-1-3p in neurodevelopmental processes. Schizophrenia Research, 2019, 205, 63-75. | 1.1 | 40 |
| 318 | Ascites-Derived Extracellular microRNAs as Potential Biomarkers for Ovarian Cancer. Reproductive Sciences, 2019, 26, 510-522. | 1.1 | 29 |
| 319 | MicroRNA-99a mimics inhibit M1 macrophage phenotype and adipose tissue inflammation by targeting TNF $\hat{l}\pm$. Cellular and Molecular Immunology, 2019, 16, 495-507. | 4.8 | 59 |
| 320 | Implementing precision cancer medicine in the genomic era. Seminars in Cancer Biology, 2019, 55, 16-27. | 4.3 | 24 |
| 321 | Functional Genomics., 2019, , 118-133. | | 5 |
| 322 | MicroRNA regulation of natural killer cell development and function in leukemia. Molecular Immunology, 2019, 115, 12-20. | 1.0 | 8 |
| 323 | Regulation of microRNA function inÂanimals. Nature Reviews Molecular Cell Biology, 2019, 20, 21-37. | 16.1 | 1,556 |
| 324 | The pivotal role of microRNA-21 in osteoclastogenesis inhibition by anthracycline glycoside aloin. Journal of Natural Medicines, 2019, 73, 59-66. | 1.1 | 22 |
| 325 | 3D Columnar Phase of Stacked Short DNA Organized by Coherent Membrane Undulations. Langmuir, 2019, 35, 11891-11901. | 1.6 | 2 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 326 | miR-125b-5p inhibits cell proliferation, migration, and invasion in hepatocellular carcinoma via targeting TXNRD1. Cancer Cell International, 2019, 19, 203. | 1.8 | 65 |
| 327 | The correlation between microRNAs and <i>Helicobacter pylori</i> in gastric cancer. Pathogens and Disease, 2019, 77, . | 0.8 | 19 |
| 328 | Supraventricular Arrhythmias in Athletes: Basic Mechanisms and New Directions. Physiology, 2019, 34, 314-326. | 1.6 | 11 |
| 329 | IncRNA XIST regulates proliferation and migration of hepatocellular carcinoma cells by acting as miR-497-5p molecular sponge and targeting PDCD4. Cancer Cell International, 2019, 19, 198. | 1.8 | 42 |
| 330 | MicroRNA-361: A Multifaceted Player Regulating Tumor Aggressiveness and Tumor Microenvironment Formation. Cancers, 2019, 11, 1130. | 1.7 | 29 |
| 331 | Hybrid micelles containing methotrexate-conjugated polymer and co-loaded with microRNA-124 for rheumatoid arthritis therapy. Theranostics, 2019, 9, 5282-5297. | 4.6 | 36 |
| 332 | Graph convolution for predicting associations between miRNA and drug resistance. Bioinformatics, 2020, 36, 851-858. | 1.8 | 77 |
| 333 | Modulation of the dualâ€faced effects of miRâ€141 with chitosan/miRâ€141 nanoplexes in breast cancer cells. Journal of Gene Medicine, 2019, 21, e3116. | 1.4 | 11 |
| 334 | Antitumor Effect of Pyrogallol via miR-134 Mediated S Phase Arrest and Inhibition of PI3K/AKT/Skp2/cMyc Signaling in Hepatocellular Carcinoma. International Journal of Molecular Sciences, 2019, 20, 3985. | 1.8 | 28 |
| 335 | Rapamycin-upregulated miR-29b promotes mTORC1-hyperactive cell growth in TSC2-deficient cells by downregulating tumor suppressor retinoic acid receptor \hat{I}^2 (RAR \hat{I}^2). Oncogene, 2019, 38, 7367-7383. | 2.6 | 11 |
| 336 | Some Aspects of Carcinogenesis Associated with Genetic and Epigenetic Factors. Biology Bulletin Reviews, 2019, 9, 129-144. | 0.3 | 1 |
| 337 | Cancer and non-coding RNAs. , 2019, , 119-132. | | 8 |
| 338 | LINCO0460 promotes hepatocellular carcinoma development through sponging miR-485-5p to up-regulate PAK1. Biomedicine and Pharmacotherapy, 2019, 118, 109213. | 2.5 | 38 |
| 339 | Interfering cellular lactate homeostasis overcomes Taxol resistance of breast cancer cells through the microRNA-124-mediated lactate transporter (MCT1) inhibition. Cancer Cell International, 2019, 19, 193. | 1.8 | 28 |
| 340 | Inhibition of UBE2Nâ€dependent CDK6 protein degradation by miRâ€934 promotes human bladder cancer cell growth. FASEB Journal, 2019, 33, 12112-12123. | 0.2 | 18 |
| 341 | MiR-212-3p inhibits cell proliferation and promotes apoptosis by targeting nuclear factor IA in bladder cancer. Journal of Biosciences, 2019, 44, 1 . | 0.5 | 22 |
| 342 | A combined experimental and computational study on peptide nucleic acid (PNA) analogues of tumor suppressive miRNA-34a. Bioorganic Chemistry, 2019, 91, 103165. | 2.0 | 17 |
| 343 | Medicinal Chemistry: From Targets to Therapies. ACS Medicinal Chemistry Letters, 2019, 10, 1014-1014. | 1.3 | 1 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 344 | Down-regulation of miR-29c is a prognostic biomarker in acute myeloid leukemia and can reduce the sensitivity of leukemic cells to decitabine. Cancer Cell International, 2019, 19, 177. | 1.8 | 7 |
| 345 | Prognostic Role of miR-221 and miR-222 Expression in Cancer Patients: A Systematic Review and Meta-Analysis. Cancers, 2019, 11, 970. | 1.7 | 43 |
| 346 | Versatile protamine nanocapsules to restore miR-145 levels and interfere tumor growth in colorectal cancer cells. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 449-459. | 2.0 | 22 |
| 347 | miR-25 Promotes Cell Proliferation, Migration, and Invasion of Non-Small-Cell Lung Cancer by Targeting the LATS2/YAP Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14. | 1.9 | 36 |
| 349 | Overexpression of miR-939-3p predicts poor prognosis and promotes progression in lung cancer. Cancer Biomarkers, 2019, 25, 325-332. | 0.8 | 10 |
| 350 | Promoting Osteogenic Differentiation of Human Adipose-Derived Stem Cells by Altering the Expression of Exosomal miRNA. Stem Cells International, 2019, 2019, 1-15. | 1.2 | 47 |
| 351 | Investigation of putative role of mi <scp>RNA</scp> 146aâ€5p and mi <scp>RNA</scp> 146bâ€5p in pathogenesis of Sjögren's syndrome. Oral Science International, 2019, 16, 181-184. | 0.3 | 0 |
| 352 | Identification of microRNA-92a and the related combination biomarkers as promising substrates in predicting risk, recurrence and poor survival of colorectal cancer. Journal of Cancer, 2019, 10, 3154-3171. | 1.2 | 16 |
| 353 | Curcumin Combination Chemotherapy: The Implication and Efficacy in Cancer. Molecules, 2019, 24, 2527. | 1.7 | 156 |
| 354 | Towards a microRNA-based Gene Therapy for Glioblastoma. Neurosurgery, 2019, 85, E210-E211. | 0.6 | 5 |
| 355 | Overexpression of miR-15b Promotes Resistance to Sunitinib in Renal Cell Carcinoma. Journal of Cancer, 2019, 10, 3389-3396. | 1.2 | 26 |
| 356 | Downregulation of RPS15A by miR-29a-3p attenuates cell proliferation in colorectal carcinoma. Bioscience, Biotechnology and Biochemistry, 2019, 83, 2057-2064. | 0.6 | 15 |
| 357 | Use of immunomodulators to treat endometriosis. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2019, 60, 56-65. | 1.4 | 16 |
| 358 | Coated cationic lipid-nanoparticles entrapping miR-660 inhibit tumor growth in patient-derived xenografts lung cancer models. Journal of Controlled Release, 2019, 308, 44-56. | 4.8 | 41 |
| 359 | Protocols for the Analysis of microRNA Expression, Biogenesis, and Function in Immune Cells. Current Protocols in Immunology, 2019, 126, e78. | 3.6 | 20 |
| 360 | miR-200c-3p Suppresses the Proliferative, Migratory, and Invasive Capacities of Nephroblastoma Cells via Targeting FRS2. Biopreservation and Biobanking, 2019, 17, 444-451. | 0.5 | 21 |
| 361 | MiRâ€183 delivery attenuates murine lupus nephritisâ€related injuries via targeting mTOR. Scandinavian Journal of Immunology, 2019, 90, e12810. | 1.3 | 19 |
| 362 | Recent advances on nanomaterials-based fluorimetric approaches for microRNAs detection. Materials Science and Engineering C, 2019, 104, 110007. | 3.8 | 70 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 363 | MicroRNAs in Lung Diseases. Chest, 2019, 156, 991-1000. | 0.4 | 20 |
| 364 | Systems biology-based investigation of cooperating microRNAs as monotherapy or adjuvant therapy in cancer. Nucleic Acids Research, 2019, 47, 7753-7766. | 6.5 | 126 |
| 365 | miR-34a inhibits proliferation, migration and invasion of paediatric neuroblastoma cells via targeting HNF4 $\hat{1}$ ±. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 3072-3078. | 1.9 | 29 |
| 366 | miRNAs in depression vulnerability and resilience: novel targets for preventive strategies. Journal of Neural Transmission, 2019, 126, 1241-1258. | 1.4 | 37 |
| 367 | microRNA-21 promotes breast cancer proliferation and metastasis by targeting LZTFL1. BMC Cancer, 2019, 19, 738. | 1.1 | 166 |
| 368 | miR-29b-3p promotes progression of MDA-MB-231 triple-negative breast cancer cells through downregulating TRAF3. Biological Research, 2019, 52, 38. | 1.5 | 58 |
| 369 | MiR-146a Deletion Protects From Bone Loss in OVX Mice by Suppressing RANKL/OPG and M-CSF in Bone Microenvironment. Journal of Bone and Mineral Research, 2019, 34, 2149-2161. | 3.1 | 28 |
| 370 | circNrxn2 Promoted WAT Browning via Sponging miR-103 to Relieve Its Inhibition of FGF10 in HFD Mice. Molecular Therapy - Nucleic Acids, 2019, 17, 551-562. | 2.3 | 12 |
| 371 | Defining Protein Pattern Differences Among Molecular Subtypes of Diffuse Gliomas Using Mass Spectrometry*[S]. Molecular and Cellular Proteomics, 2019, 18, 2029-2043. | 2.5 | 19 |
| 372 | Noncoding RNAs Act as Tumor-Derived Molecular Components in Inducing Premetastatic Niche Formation. BioMed Research International, 2019, 2019, 1-9. | 0.9 | 4 |
| 373 | Recent advances in molecular biomarkers for patients with hepatocellular carcinoma. Expert Review of Molecular Diagnostics, 2019, 19, 725-738. | 1.5 | 15 |
| 374 | The role of smooth muscle cells in plaque stability: Therapeutic targeting potential. British Journal of Pharmacology, 2019, 176, 3741-3753. | 2.7 | 81 |
| 375 | Ursolic Acid Reverses the Chemoresistance of Breast Cancer Cells to Paclitaxel by Targeting MiRNA-149-5p/MyD88. Frontiers in Oncology, 2019, 9, 501. | 1.3 | 52 |
| 376 | miR-1226-3p Promotes Sorafenib Sensitivity of Hepatocellular Carcinoma via Downregulation of DUSP4 Expression. Journal of Cancer, 2019, 10, 2745-2753. | 1.2 | 19 |
| 377 | Dysregulation of MiR-519d Affects Oral Squamous Cell Carcinoma Invasion and Metastasis by Targeting MMP3. Journal of Cancer, 2019, 10, 2720-2734. | 1.2 | 25 |
| 378 | A label-free colorimetric detection of microRNA via G-quadruplex-based signal quenching strategy. Analytica Chimica Acta, 2019, 1079, 207-211. | 2.6 | 31 |
| 379 | MicroRNA-505-5p functions as a tumor suppressor by targeting cyclin-dependent kinase 5 in cervical cancer. Bioscience Reports, 2019, 39, . | 1.1 | 13 |
| 380 | MicroRNA-215-5p Treatment Suppresses Mesothelioma Progression via the MDM2-p53-Signaling Axis. Molecular Therapy, 2019, 27, 1665-1680. | 3.7 | 38 |

| # | Article | IF | CITATIONS |
|-----|---|-------------|-----------|
| 381 | MicroRNAâ€'30a regulates cell proliferation, migration, invasion and apoptosis in human nasopharyngeal carcinoma via targeted regulation of ZEB2. Molecular Medicine Reports, 2019, 20, 1672-1682. | 1,1 | 5 |
| 382 | MicroRNA-654-5p suppresses ovarian cancer development impacting on MYC, WNT and AKT pathways. Oncogene, 2019, 38, 6035-6050. | 2.6 | 49 |
| 383 | Integrative Network Analysis Reveals a MicroRNA-Based Signature for Prognosis Prediction of Epithelial Ovarian Cancer. BioMed Research International, 2019, 2019, 1-8. | 0.9 | 9 |
| 384 | Upregulation of miR-130b Contributes to Risk of Poor Prognosis and Racial Disparity in African-American Prostate Cancer. Cancer Prevention Research, 2019, 12, 585-598. | 0.7 | 18 |
| 385 | RNA-Seq Revealed Novel Non-proliferative Retinopathy Specific Circulating MiRNAs in T2DM Patients. Frontiers in Genetics, 2019, 10, 531. | 1.1 | 29 |
| 386 | Modulating Immune Response with Nucleic Acid Nanoparticles. Molecules, 2019, 24, 3740. | 1.7 | 10 |
| 387 | Efficient Delivery of MicroRNA and AntimiRNA Molecules Using an Argininocalix[4]arene Macrocycle. Molecular Therapy - Nucleic Acids, 2019, 18, 748-763. | 2.3 | 20 |
| 388 | Downâ€regulation of interferon regulatory factor 2 binding protein 2 suppresses gastric cancer progression by negatively regulating connective tissue growth factor. Journal of Cellular and Molecular Medicine, 2019, 23, 8076-8089. | 1.6 | 13 |
| 389 | <p>Overexpression of miR-671-5p indicates a poor prognosis in colon cancer and accelerates proliferation, migration, and invasion of colon cancer cells</p> . OncoTargets and Therapy, 2019, Volume 12, 6865-6873. | 1.0 | 30 |
| 390 | Non-coding RNAs as Regulators of Lymphangiogenesis in Lymphatic Development, Inflammation, and Cancer Metastasis. Frontiers in Oncology, 2019, 9, 916. | 1.3 | 16 |
| 391 | Phylogenetic Analysis to Explore the Association Between Anti-NMDA Receptor Encephalitis and Tumors Based on microRNA Biomarkers. Biomolecules, 2019, 9, 572. | 1.8 | 11 |
| 392 | Osteoclastic microRNAs and their translational potential in skeletal diseases. Seminars in Immunopathology, 2019, 41, 573-582. | 2.8 | 16 |
| 393 | MicroRNAs and Epigenetics Strategies to Reverse Breast Cancer. Cells, 2019, 8, 1214. | 1.8 | 75 |
| 394 | A High-Content Screening Approach to Identify MicroRNAs Against Head and Neck Cancer Cell Survival and EMT in an Inflammatory Microenvironment. Frontiers in Oncology, 2019, 9, 1100. | 1.3 | 9 |
| 395 | A novel photoelectrochemical strategy based on an integrative photoactive heterojunction nanomaterial and a redox cycling amplification system for ultrasensitive determination of microRNA in cells. Biosensors and Bioelectronics, 2019, 143, 111614. | 5. 3 | 26 |
| 396 | \hat{l}_{\pm} -Aminoisobutyric Acid-Containing Amphipathic Helical Peptide-Cyclic RGD Conjugation as a Potential Drug Delivery System for MicroRNA Replacement Therapy in Vitro. Molecular Pharmaceutics, 2019, 16, 4542-4550. | 2.3 | 11 |
| 397 | The clinical potential of circulating microRNAs in obesity. Nature Reviews Endocrinology, 2019, 15, 731-743. | 4.3 | 175 |
| 398 | Current status of development of oligonucleotide therapeutics. Drug Delivery System, 2019, 34, 86-98. | 0.0 | 1 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 399 | Defining the Importance Score of Human MicroRNAs and Their Single Nucleotide Mutants Using Random Forest Regression and Sequence Data. Advanced Theory and Simulations, 2019, 2, 1900083. | 1.3 | 3 |
| 400 | miRâ€106bâ€5p promotes aggressive progression of hepatocellular carcinoma via targeting RUNX3. Cancer Medicine, 2019, 8, 6756-6767. | 1.3 | 31 |
| 401 | Therapeutic delivery of microRNA-143 by cationic lipoplexes for non-small cell lung cancer treatment in vivo. Journal of Cancer Research and Clinical Oncology, 2019, 145, 2951-2967. | 1.2 | 25 |
| 402 | MicroRNA 362-3p Reduces hERG-related Current and Inhibits Breast Cancer Cells Proliferation. Cancer Genomics and Proteomics, 2019, 16, 433-442. | 1.0 | 30 |
| 403 | Pancreatic Ductal Adenocarcinoma: MicroRNAs Affecting Tumor Growth and Metastasis in Preclinical In Vivo Models. Cancer Genomics and Proteomics, 2019, 16, 451-464. | 1.0 | 17 |
| 404 | MicroRNAâ€7â€5p induces cell growth inhibition, cell cycle arrest and apoptosis by targeting PAK2 in nonâ€small cell lung cancer. FEBS Open Bio, 2019, 9, 1983-1993. | 1.0 | 41 |
| 405 | Phenotypical microRNA screen reveals a noncanonical role of CDK2 in regulating neutrophil migration. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18561-18570. | 3.3 | 39 |
| 406 | miR-23b Negatively Regulates Sepsis-Induced Inflammatory Responses by Targeting ADAM10 in Human THP-1 Monocytes. Mediators of Inflammation, 2019, 2019, 1-13. | 1.4 | 19 |
| 407 | MicroRNAs Affect Complement Regulator Expression and Mitochondrial Activity to Modulate Cell Resistance to Complement-Dependent Cytotoxicity. Cancer Immunology Research, 2019, 7, 1970-1983. | 1.6 | 10 |
| 408 | Investigating Novel Genes Potentially Involved in Endometrial Adenocarcinoma using Next-Generation Sequencing and Bioinformatic Approaches. International Journal of Medical Sciences, 2019, 16, 1338-1348. | 1.1 | 14 |
| 409 | The psychopharmacology of primary and metastatic brain tumors and paraneoplastic syndromes. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 165, 269-283. | 1.0 | 1 |
| 410 | miR-34a Enhances the Susceptibility of Gastric Cancer to Platycodin D by Targeting Survivin. Pathobiology, 2019, 86, 296-305. | 1.9 | 16 |
| 411 | Identification of biomarker microRNA-mRNA regulatory pairs for predicting the docetaxel resistance in prostate cancer. Journal of Cancer, 2019, 10, 5469-5482. | 1.2 | 7 |
| 412 | MicroRNA-Based Therapeutic Perspectives in Myotonic Dystrophy. International Journal of Molecular Sciences, 2019, 20, 5600. | 1.8 | 27 |
| 413 | MiR-214-3p regulates the viability, invasion, migration and EMT of TNBC cells by targeting ST6GAL1. Cytotechnology, 2019, 71, 1155-1165. | 0.7 | 19 |
| 414 | MicroRNAs Dysregulation and Metabolism in Multiple System Atrophy. Frontiers in Neuroscience, 2019, 13, 1103. | 1.4 | 11 |
| 415 | miR-223 overexpression inhibits doxorubicin-induced autophagy by targeting FOXO3a and reverses chemoresistance in hepatocellular carcinoma cells. Cell Death and Disease, 2019, 10, 843. | 2.7 | 73 |
| 416 | The Role of miRNA in the Diagnosis, Prognosis, and Treatment of Osteosarcoma. Cancer Biotherapy and Radiopharmaceuticals, 2019, 34, 605-613. | 0.7 | 65 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 417 | MicroRNAs Contribute to Breast Cancer Invasiveness. Cells, 2019, 8, 1361. | 1.8 | 110 |
| 418 | Rational Design of Nanocarriers for Intracellular Protein Delivery. Advanced Materials, 2019, 31, e1902791. | 11.1 | 166 |
| 419 | The hubris and humility of cancer pharmacology in the post immunoâ€oncology era. Pharmacology Research and Perspectives, 2019, 7, e00527. | 1.1 | 3 |
| 420 | Exosomal miRNA: Small Molecules, Big Impact in Colorectal Cancer. Journal of Oncology, 2019, 2019, 1-18. | 0.6 | 34 |
| 421 | Non-coding RNAs: Emerging Regulators of Sorafenib Resistance in Hepatocellular Carcinoma. Frontiers in Oncology, 2019, 9, 1156. | 1.3 | 18 |
| 422 | circARF3 Alleviates Mitophagy-Mediated Inflammation by Targeting miR-103/TRAF3 in Mouse Adipose Tissue. Molecular Therapy - Nucleic Acids, 2019, 14, 192-203. | 2.3 | 59 |
| 423 | The role of microvesicles containing microRNAs in vascular endothelial dysfunction. Journal of Cellular and Molecular Medicine, 2019, 23, 7933-7945. | 1.6 | 37 |
| 424 | Insights into novel emerging epigenetic drugs in myeloid malignancies. Therapeutic Advances in Hematology, 2019, 10, 204062071986608. | 1.1 | 6 |
| 425 | Non-coding RNAs in cardiovascular cell biology and atherosclerosis. Cardiovascular Research, 2019, 115, 1732-1756. | 1.8 | 138 |
| 426 | 11PS04 is a new chemical entity identified by microRNA-based biosensing with promising therapeutic potential against cancer stem cells. Scientific Reports, 2019, 9, 11916. | 1.6 | 2 |
| 427 | Combination of Cannabinoids, Δ9- Tetrahydrocannabinol and Cannabidiol, Ameliorates Experimental Multiple Sclerosis by Suppressing Neuroinflammation Through Regulation of miRNA-Mediated Signaling Pathways. Frontiers in Immunology, 2019, 10, 1921. | 2.2 | 75 |
| 428 | Targeted inhibition of MCT4 disrupts intracellular pH homeostasis and confers self-regulated apoptosis on hepatocellular carcinoma. Experimental Cell Research, 2019, 384, 111591. | 1.2 | 31 |
| 429 | MiR-7-5p is a key factor that controls radioresistance via intracellular Fe2+ content in clinically relevant radioresistant cells. Biochemical and Biophysical Research Communications, 2019, 518, 712-718. | 1.0 | 57 |
| 430 | A novel miRNA identified in GRSF1 complex drives the metastasis via the PIK3R3/AKT/NF-κB and TIMP3/MMP9 pathways in cervical cancer cells. Cell Death and Disease, 2019, 10, 636. | 2.7 | 37 |
| 431 | Overexpressed circPVT1 in oral squamous cell carcinoma promotes proliferation by serving as a miRNA sponge. Molecular Medicine Reports, 2019, 20, 3509-3518. | 1.1 | 41 |
| 432 | <p>CircLMNB1 promotes colorectal cancer by regulating cell proliferation, apoptosis and epithelial-mesenchymal transition</p> . OncoTargets and Therapy, 2019, Volume 12, 6349-6359. | 1.0 | 15 |
| 434 | MicroRNA biogenesis, gene silencing mechanisms and role in breast, ovarian and prostate cancer. Biochimie, 2019, 167, 12-24. | 1.3 | 70 |
| 435 | MicroRNA-1181 supports the growth of hepatocellular carcinoma by repressing AXIN1. Biomedicine and Pharmacotherapy, 2019, 119, 109397. | 2.5 | 9 |

| # | Article | IF | Citations |
|-----|--|-----|-----------|
| 436 | Elevated TRIP13 drives the AKT/mTOR pathway to induce the progression of hepatocellular carcinoma via interacting with ACTN4. Journal of Experimental and Clinical Cancer Research, 2019, 38, 409. | 3.5 | 47 |
| 437 | MicroRNAs in Ocular Infection. Microorganisms, 2019, 7, 359. | 1.6 | 10 |
| 438 | Discovery and Validation of Serum MicroRNAs as Early Diagnostic Biomarkers for Prostate Cancer in Chinese Population. BioMed Research International, 2019, 2019, 1-9. | 0.9 | 28 |
| 439 | Discovery and preclinical evaluation of anti-miR-17 oligonucleotide RGLS4326 for the treatment of polycystic kidney disease. Nature Communications, 2019, 10, 4148. | 5.8 | 96 |
| 440 | MiR-143-3p suppresses tumorigenesis in pancreatic ductal adenocarcinoma by targeting KRAS. Biomedicine and Pharmacotherapy, 2019, 119, 109424. | 2.5 | 44 |
| 441 | Circ_0015756 promotes proliferation, invasion and migration by microRNA-7-dependent inhibition of FAK in hepatocellular carcinoma. Cell Cycle, 2019, 18, 2939-2953. | 1.3 | 31 |
| 442 | Looking Forward: Cutting-Edge Technologies and Skills for Pathologists in the Future. Toxicologic Pathology, 2019, 47, 1082-1087. | 0.9 | 2 |
| 443 | Role of microRNA in the pathogenesis of systemic sclerosis tissue fibrosis and vasculopathy. Autoimmunity Reviews, 2019, 18, 102396. | 2.5 | 50 |
| 444 | MicroRNA-27a (miR-27a) in Solid Tumors: A Review Based on Mechanisms and Clinical Observations. Frontiers in Oncology, 2019, 9, 893. | 1.3 | 41 |
| 445 | Multifunctional Branched Nanostraw-Electroporation Platform for Intracellular Regulation and Monitoring of Circulating Tumor Cells. Nano Letters, 2019, 19, 7201-7209. | 4.5 | 61 |
| 446 | Functional Regulation of Macrophage Phenotypes by MicroRNAs in Inflammatory Arthritis. Frontiers in Immunology, 2019, 10, 2217. | 2.2 | 16 |
| 447 | Nanopore device-based fingerprinting of RNA oligos and microRNAs enhanced with an Osmium tag. Scientific Reports, 2019, 9, 14180. | 1.6 | 14 |
| 448 | Molecular Dynamics Study of the Hybridization between RNA and Modified Oligonucleotides. Journal of Chemical Theory and Computation, 2019, 15, 6422-6432. | 2.3 | 17 |
| 449 | Prospective applications of microRNAs in oral cancer: A review (Review). Oncology Letters, 2019, 18, 3974-3984. | 0.8 | 24 |
| 450 | Advances and challenges in studying noncoding RNA regulation of drug metabolism and development of RNA therapeutics. Biochemical Pharmacology, 2019, 169, 113638. | 2.0 | 40 |
| 451 | Micro RNA Transcriptome Profile in Canine Oral Melanoma. International Journal of Molecular Sciences, 2019, 20, 4832. | 1.8 | 17 |
| 452 | MicroRNA Regulation of the Autotaxin-Lysophosphatidic Acid Signaling Axis. Cancers, 2019, 11, 1369. | 1.7 | 8 |
| 453 | MiR-26a and miR-26b downregulate the expression of sucrase-isomaltase enzyme: A new chapter in diabetes treatment. Biochemical and Biophysical Research Communications, 2019, 519, 192-197. | 1.0 | 4 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 454 | Exploiting Exosomes in Cancer Liquid Biopsies and Drug Delivery. Advanced Healthcare Materials, 2019, 8, e1801268. | 3.9 | 94 |
| 455 | The Role of MicroRNAs in Spinocerebellar Ataxia Type 3. Journal of Molecular Biology, 2019, 431, 1729-1742. | 2.0 | 9 |
| 456 | Non-viral nanocarriers for intracellular delivery of microRNA therapeutics. Journal of Materials Chemistry B, 2019, 7, 1209-1225. | 2.9 | 70 |
| 457 | Involvement of long non-coding RNA HULC (highly up-regulated in liver cancer) in pathogenesis and implications for therapeutic intervention. Expert Opinion on Therapeutic Targets, 2019, 23, 177-186. | 1.5 | 34 |
| 458 | Increased Expression of MicroRNA 551a by c-Fos Reduces Focal Adhesion Kinase Levels and Blocks Tumorigenesis. Molecular and Cellular Biology, 2019, 39, . | 1.1 | 13 |
| 459 | Long noncoding RNA PXN-AS1-L promotes non-small cell lung cancer progression via regulating PXN. Cancer Cell International, 2019, 19, 20. | 1.8 | 23 |
| 460 | Diabetic nephropathy: The regulatory interplay between epigenetics and microRNAs. Pharmacological Research, 2019, 141, 574-585. | 3.1 | 49 |
| 461 | The proliferation and invasion of osteosarcoma are inhibited by miR-101 via targetting ZEB2. Bioscience Reports, 2019, 39, . | 1.1 | 11 |
| 462 | Diverse roles of noncoding RNAs in vascular calcification. Archives of Pharmacal Research, 2019, 42, 244-251. | 2.7 | 21 |
| 463 | A self-assembled peptide nucleic acid–microRNA nanocomplex for dual modulation of cancer-related microRNAs. Chemical Communications, 2019, 55, 2106-2109. | 2.2 | 13 |
| 464 | Mechanistic Computational Models of MicroRNA-Mediated Signaling Networks in Human Diseases. International Journal of Molecular Sciences, 2019, 20, 421. | 1.8 | 17 |
| 465 | miR-214 is Stretch-Sensitive in Aortic Valve and Inhibits Aortic Valve Calcification. Annals of Biomedical Engineering, 2019, 47, 1106-1115. | 1.3 | 12 |
| 466 | miR-193a-3p inhibition of the Slug activator PAK4 suppresses non-small cell lung cancer aggressiveness via the p53/Slug/L1CAM pathway. Cancer Letters, 2019, 447, 56-65. | 3.2 | 28 |
| 467 | MicroRNA-4719 and microRNA-6756-5p Correlate with Castration-Resistant Prostate Cancer Progression through Interleukin-24 Regulation. Non-coding RNA, 2019, 5, 10. | 1.3 | 7 |
| 468 | MicroRNA and Human Bone Health. JBMR Plus, 2019, 3, 2-13. | 1.3 | 38 |
| 469 | Advanced methods for microRNA biosensing: a problem-solving perspective. Analytical and Bioanalytical Chemistry, 2019, 411, 4425-4444. | 1.9 | 37 |
| 470 | The microRNA and the perspectives of miR-302. Heliyon, 2019, 5, e01167. | 1.4 | 9 |
| 471 | A miRNA-HERC4 pathway promotes breast tumorigenesis by inactivating tumor suppressor LATS1. Protein and Cell, 2019, 10, 595-605. | 4.8 | 19 |

| # | Article | IF | Citations |
|-----|--|-------------|-----------|
| 472 | MicroRNAâ€'98 suppresses cell growth and invasion of retinoblastoma via targeting the IGF1R/kâ€'Ras/Raf/MEK/ERK signaling pathway. International Journal of Oncology, 2019, 54, 807-820. | 1.4 | 20 |
| 473 | MicroRNA-34 family: a potential tumor suppressor and therapeutic candidate in cancer. Journal of Experimental and Clinical Cancer Research, 2019, 38, 53. | 3. 5 | 328 |
| 474 | Why have microRNA biomarkers not been translated from bench to clinic?. Future Oncology, 2019, 15, 801-803. | 1.1 | 39 |
| 475 | Acid–base behaviour and binding to double stranded DNA/RNA of benzo[<i>g</i>]phthalazine-based ligands. New Journal of Chemistry, 2019, 43, 700-708. | 1.4 | 4 |
| 476 | <p>Emerging roles of microRNAs in morphine tolerance</p> . Journal of Pain Research, 2019, Volume 12, 1139-1147. | 0.8 | 6 |
| 477 | Overexpression of the long noncoding RNA TRHDEâ€AS1 inhibits the progression of lung cancer via the miRNAâ€103/KLF4 axis. Journal of Cellular Biochemistry, 2019, 120, 17616-17624. | 1.2 | 29 |
| 478 | Stem Cell-Derived Exosomes as Nanotherapeutics for Autoimmune and Neurodegenerative Disorders. ACS Nano, 2019, 13, 6670-6688. | 7.3 | 341 |
| 479 | <p>Exosomal miRNA-107 induces myeloid-derived suppressor cell expansion in gastric cancer</p> . Cancer Management and Research, 2019, Volume 11, 4023-4040. | 0.9 | 82 |
| 480 | <p>Nanosized functional miRNA liposomes and application in the treatment of TNBC by silencing Slug gene</p> . International Journal of Nanomedicine, 2019, Volume 14, 3645-3667. | 3.3 | 39 |
| 481 | Circular RNA CDR1as acts as a sponge of miR-135b-5p to suppress ovarian cancer progression OncoTargets and Therapy, 2019, Volume 12, 3869-3879. | 1.0 | 59 |
| 482 | The role of dietary phytochemicals in the carcinogenesis via the modulation of miRNA expression. Journal of Cancer Research and Clinical Oncology, 2019, 145, 1665-1679. | 1,2 | 39 |
| 483 | Overexpression of miRâ€224â€3p alleviates apoptosis from cerebral ischemia reperfusion injury by targeting FIP200. Journal of Cellular Biochemistry, 2019, 120, 17151-17158. | 1.2 | 27 |
| 484 | Preclinical Targeting of MicroRNA-214 in Cutaneous T-Cell Lymphoma. Journal of Investigative Dermatology, 2019, 139, 1966-1974.e3. | 0.3 | 22 |
| 485 | Delivery of MicroRNAs by Chitosan Nanoparticles to Functionally Alter Macrophage Cholesterol Efflux <i>in Vitro</i> and <i>in Vivo</i> ACS Nano, 2019, 13, 6491-6505. | 7.3 | 98 |
| 486 | Mechanism of miR-143-3p inhibiting proliferation, migration and invasion of osteosarcoma cells by targeting MAPK7. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 2065-2071. | 1.9 | 19 |
| 487 | Skeletal Muscle Wasting and Its Relationship With Osteoarthritis: a Mini-Review of Mechanisms and Current Interventions. Current Rheumatology Reports, 2019, 21, 40. | 2.1 | 81 |
| 488 | miR-26a promotes hepatocellular carcinoma invasion and metastasis by inhibiting PTEN and inhibits cell growth by repressing EZH2. Laboratory Investigation, 2019, 99, 1484-1500. | 1.7 | 28 |
| 489 | Molecular mechanism of miR-204 regulates proliferation, apoptosis and autophagy of cervical cancer cells by targeting ATF2. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 2529-2535. | 1.9 | 29 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 490 | miRNAs Identify Shared Pathways in Alzheimer's and Parkinson's Diseases. Trends in Molecular Medicine, 2019, 25, 662-672. | 3.5 | 44 |
| 491 | Epigenetics and vascular diseases. Journal of Molecular and Cellular Cardiology, 2019, 133, 148-163. | 0.9 | 36 |
| 492 | Tumor-Targeting, MicroRNA-Silencing Porous Silicon Nanoparticles for Ovarian Cancer Therapy. ACS Applied Materials & Diterfaces, 2019, 11, 23926-23937. | 4.0 | 59 |
| 493 | AAV9-mediated delivery of miR-23a reduces disease severity in Smn2B/â^'SMA model mice. Human Molecular Genetics, 2019, 28, 3199-3210. | 1.4 | 30 |
| 494 | <p>miR-6716-5p promotes metastasis of colorectal cancer through downregulating NAT10 expression</p> . Cancer Management and Research, 2019, Volume 11, 5317-5332. | 0.9 | 37 |
| 496 | <p>MiR-193a-3p inhibits pancreatic ductal adenocarcinoma cell proliferation by targeting CCND1</p> . Cancer Management and Research, 2019, Volume 11, 4825-4837. | 0.9 | 17 |
| 497 | <p>circANKS1B regulates FOXM1 expression and promotes cell migration and invasion by functioning as a sponge of the miR-149 in colorectal cancer</p> . OncoTargets and Therapy, 2019, Volume 12, 4065-4073. | 1.0 | 18 |
| 498 | Aberrant MicroRNA Expression and Its Implications for Uveal Melanoma Metastasis. Cancers, 2019, 11, 815. | 1.7 | 31 |
| 499 | MiR-26a-5p enhances cells proliferation, invasion, and apoptosis resistance of fibroblast-like synoviocytes in rheumatoid arthritis by regulating PTEN/PI3K/AKT pathway. Bioscience Reports, 2019, 39, . | 1.1 | 40 |
| 500 | Highly efficient silencing of microRNA by heteroduplex oligonucleotides. Nucleic Acids Research, 2019, 47, 7321-7332. | 6.5 | 33 |
| 501 | miR-126-3p down-regulation contributes to dabrafenib acquired resistance in melanoma by up-regulating ADAM9 and VEGF-A. Journal of Experimental and Clinical Cancer Research, 2019, 38, 272. | 3.5 | 61 |
| 502 | RNA delivery biomaterials for the treatment of genetic and rare diseases. Biomaterials, 2019, 217, 119291. | 5.7 | 50 |
| 503 | microRNAâ€448 inhibits stemness maintenance and selfâ€renewal of hepatocellular carcinoma stem cells through the MAGEA6â€mediated AMPK signaling pathway. Journal of Cellular Physiology, 2019, 234, 23461-23474. | 2.0 | 32 |
| 504 | MicroRNAs change the games in central nervous system pharmacology. Biochemical Pharmacology, 2019, 168, 162-172. | 2.0 | 18 |
| 505 | Isolation, structure elucidation, and synthesis of $(\hat{A}\pm)$ -millpuline A with a suppressive effect in miR-144 expression. Organic Chemistry Frontiers, 2019, 6, 2850-2859. | 2.3 | 6 |
| 506 | Emerging modes-of-action in drug discovery. MedChemComm, 2019, 10, 1550-1568. | 3.5 | 22 |
| 507 | MepmiRDB: a medicinal plant microRNA database. Database: the Journal of Biological Databases and Curation, 2019, 2019, . | 1.4 | 19 |
| 508 | Noncoding RNAs in cancer therapy resistance and targeted drug development. Journal of Hematology and Oncology, 2019, 12, 55. | 6.9 | 193 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 509 | MicroRNA-21 is Required for Hematopoietic Cell Viability After Radiation Exposure. International Journal of Radiation Oncology Biology Physics, 2019, 104, 1165-1174. | 0.4 | 6 |
| 510 | MicroRNA‑30a‑5p promotes proliferation and inhibits apoptosis of human pulmonary artery endothelial cells under hypoxia by targeting YKL‑40. Molecular Medicine Reports, 2019, 20, 236-244. | 1.1 | 17 |
| 511 | LncRNA LINC00689 promotes the growth, metastasis and glycolysis of glioma cells by targeting miR-338-3p/PKM2 axis. Biomedicine and Pharmacotherapy, 2019, 117, 109069. | 2.5 | 72 |
| 512 | $3\hat{a}$ €² Uridylation Confers miRNAs with Non-canonical Target Repertoires. Molecular Cell, 2019, 75, 511-522.e4. | 4.5 | 66 |
| 513 | miR-15a-3p Suppresses Prostate Cancer Cell Proliferation and Invasion by Targeting SLC39A7 Via Downregulating Wnt/ \hat{l}^2 -Catenin Signaling Pathway. Cancer Biotherapy and Radiopharmaceuticals, 2019, 34, 472-479. | 0.7 | 18 |
| 514 | Integrated bioinformatics analysis of miRNA expression in Ewing sarcoma and potential regulatory effects of miR-21 via targeting ALCAM/CD166. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 2114-2122. | 1.9 | 12 |
| 515 | Prediction of Small Molecule–MicroRNA Associations by Sparse Learning and Heterogeneous Graph Inference. Molecular Pharmaceutics, 2019, 16, 3157-3166. | 2.3 | 38 |
| 516 | MicroRNA modulated networks of adaptive and innate immune response in pancreatic ductal adenocarcinoma. PLoS ONE, 2019, 14, e0217421. | 1.1 | 33 |
| 517 | Luteolin suppresses colorectal cancer cell metastasis via regulation of the miR‑384/pleiotrophin axis. Oncology Reports, 2019, 42, 131-141. | 1.2 | 59 |
| 518 | Small molecule inhibition of microRNA-21 expression reduces cell viability and microtumor formation. Bioorganic and Medicinal Chemistry, 2019, 27, 3735-3743. | 1.4 | 12 |
| 519 | MicroRNA-340-5p suppresses non-small cell lung cancer cell growth and metastasis by targeting ZNF503. Cellular and Molecular Biology Letters, 2019, 24, 34. | 2.7 | 28 |
| 520 | Surfaceâ€Engineered Monocyte Inhibits Atherosclerotic Plaque Destabilization via Graphene Quantum Dotâ€Mediated MicroRNA Delivery. Advanced Healthcare Materials, 2019, 8, e1900386. | 3.9 | 18 |
| 521 | Development of double strand RNA mPEI nanoparticles and application in treating invasive breast cancer. RSC Advances, 2019, 9, 13186-13200. | 1.7 | 3 |
| 522 | NF- $\hat{\mathbb{P}}$ B-regulation of miR-155, via SOCS1/STAT3, is involved in the PM2.5-accelerated cell cycle and proliferation of human bronchial epithelial cells. Toxicology and Applied Pharmacology, 2019, 377, 114616. | 1.3 | 33 |
| 523 | Somatic Mutations in miRNA Genes in Lung Cancerâ€"Potential Functional Consequences of Non-Coding Sequence Variants. Cancers, 2019, 11, 793. | 1.7 | 37 |
| 524 | LncRNA CASC9 interacts with CPSF3 to regulate TGF-β signaling in colorectal cancer. Journal of Experimental and Clinical Cancer Research, 2019, 38, 249. | 3.5 | 81 |
| 525 | Promises of Nanotherapeutics in Obesity. Trends in Endocrinology and Metabolism, 2019, 30, 369-383. | 3.1 | 20 |
| 526 | Intracellular MicroRNA Imaging with MoS ₂ -Supported Nonenzymatic Catassembly of DNA Hairpins. ACS Applied Materials & Samp; Interfaces, 2019, 11, 20725-20733. | 4.0 | 63 |

| # | Article | IF | Citations |
|-----|--|-----|-----------|
| 527 | Dysregulation of miR484-TUSC5 axis takes part in the progression of hepatocellular carcinoma. Journal of Biochemistry, 2019, 166, 271-279. | 0.9 | 9 |
| 528 | Heart Failure With Preserved Ejection Fraction: A Review of Cardiac and Noncardiac Pathophysiology. Frontiers in Physiology, 2019, 10, 638. | 1.3 | 87 |
| 529 | miR-340-FHL2 axis inhibits cell growth and metastasis in ovarian cancer. Cell Death and Disease, 2019, 10, 372. | 2.7 | 38 |
| 530 | Genome-wide analysis of canine oral malignant melanoma metastasis-associated gene expression. Scientific Reports, 2019, 9, 6511. | 1.6 | 19 |
| 531 | Emergence of MicroRNAs as Key Players in Cancer Cell Metabolism. Clinical Chemistry, 2019, 65, 1090-1101. | 1.5 | 53 |
| 532 | Roles of Non-Coding RNAs in Normal Human Brain Development, Brain Tumor, and Neuropsychiatric Disorders. Non-coding RNA, 2019, 5, 36. | 1.3 | 45 |
| 533 | MiR-202 inhibits the proliferation and invasion of colorectal cancer by targeting UHRF1. Acta Biochimica Et Biophysica Sinica, 2019, 51, 598-606. | 0.9 | 11 |
| 534 | Delivery of biologically active miR-34a in normal and cancer mammary epithelial cells by synthetic nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 19, 95-105. | 1.7 | 19 |
| 535 | Transcriptional Reprogramming and Novel Therapeutic Approaches for Targeting Prostate Cancer Stem Cells. Frontiers in Oncology, 2019, 9, 385. | 1.3 | 12 |
| 536 | MISIM v2.0: a web server for inferring microRNA functional similarity based on microRNA-disease associations. Nucleic Acids Research, 2019, 47, W536-W541. | 6.5 | 56 |
| 537 | MiR-107 function as a tumor suppressor gene in colorectal cancer by targeting transferrin receptor 1. Cellular and Molecular Biology Letters, 2019, 24, 31. | 2.7 | 45 |
| 538 | miRNA deregulation targets specific pathways in leiomyosarcoma development: an in silico analysis. Journal of Translational Medicine, 2019, 17, 153. | 1.8 | 16 |
| 539 | Identification of plasma microRNA expression changes in multiple system atrophy and Parkinson's disease. Molecular Brain, 2019, 12, 49. | 1.3 | 50 |
| 540 | Celebrating 25 Years of MicroRNA Research: From Discovery to Clinical Application. International Journal of Molecular Sciences, 2019, 20, 1987. | 1.8 | 8 |
| 541 | Targeted Delivery of miRNA Antagonists to Myeloid Cells In Vitro and InÂVivo. Methods in Molecular Biology, 2019, 1974, 141-150. | 0.4 | 3 |
| 542 | Theranostics of Genetic Diseases. Molecular Diagnosis and Therapy, 2019, 23, 153-154. | 1.6 | 0 |
| 543 | Tetracyclines as Inhibitors of Pre-microRNA Maturation: A Disconnection between RNA Binding and Inhibition. ACS Medicinal Chemistry Letters, 2019, 10, 816-821. | 1.3 | 14 |
| 544 | miR-1285-3p is a potential prognostic marker in human osteosarcoma and functions as a tumor suppressor by targeting YAP1. Cancer Biomarkers, 2019, 25, 1-10. | 0.8 | 22 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 545 | MiR-144-3p: a novel tumor suppressor targeting MAPK6 in cervical cancer. Journal of Physiology and Biochemistry, 2019, 75, 143-152. | 1.3 | 42 |
| 546 | A Protocol To Characterize Peptide-Based Drug Delivery Systems for miRNAs. ACS Omega, 2019, 4, 7014-7022. | 1.6 | 9 |
| 547 | MicroRNA-221 promotes papillary thyroid carcinoma cells migration and invasion via targeting RECK and regulating epithelial– mesenchymal transition $\langle p \rangle$. Onco Targets and Therapy, 2019, Volume 12, 2323-2333. | 1.0 | 15 |
| 548 | Functional analysis of miR-21-3p, miR-30b-5p and miR-150-5p shuttled by extracellular vesicles from diabetic subjects reveals their association with diabetic retinopathy. Experimental Eye Research, 2019, 184, 56-63. | 1.2 | 40 |
| 549 | Small non-coding RNAs as important players, biomarkers and therapeutic targets in multiple sclerosis: A comprehensive overview. Journal of Autoimmunity, 2019, 101, 17-25. | 3.0 | 58 |
| 550 | MicroRNA Dysregulation in Malignant Germ Cell Tumors: More Than a Biomarker?. Journal of Clinical Oncology, 2019, 37, 1432-1435. | 0.8 | 26 |
| 551 | Rosmarinic inhibits cell proliferation, invasion and migration via up-regulating miR-506 and suppressing MMP2/16 expression in pancreatic cancer. Biomedicine and Pharmacotherapy, 2019, 115, 108878. | 2.5 | 36 |
| 552 | MicroRNA-125b-5p regulates IL- $1^{\hat{1}^2}$ induced inflammatory genes via targeting TRAF6-mediated MAPKs and NF- $1^{\hat{1}^2}$ B signaling in human osteoarthritic chondrocytes. Scientific Reports, 2019, 9, 6882. | 1.6 | 65 |
| 553 | A circulating miRNA signature for early diagnosis of acute kidney injury following acute myocardial infarction. Journal of Translational Medicine, 2019, 17, 139. | 1.8 | 33 |
| 554 | A novel fluorescent assay for the ultrasensitive detection of miRNA-21 with the use of G-quadruplex structures as an immobilization material for a signal indicator. Chemical Communications, 2019, 55, 6453-6456. | 2.2 | 29 |
| 555 | A novel label-free strategy for the ultrasensitive miRNA-182 detection based on MoS2/Ti3C2 nanohybrids. Biosensors and Bioelectronics, 2019, 137, 45-51. | 5.3 | 79 |
| 556 | miR‑1271 enhances the sensitivity of colorectal cancer cells to cisplatin. Experimental and Therapeutic Medicine, 2019, 17, 4363-4370. | 0.8 | 13 |
| 557 | A New Eye Dual-readout Method for MiRNA Detection based on Dissolution of Gold nanoparticles via LSPR by CdTe QDs Photoinduction. Scientific Reports, 2019, 9, 5453. | 1.6 | 17 |
| 558 | The rs17084733 variant in the <i>KIT</i> 3' UTR disrupts a miR-221/222 binding site in gastrointestinal stromal tumour: a sponge-like mechanism conferring disease susceptibility. Epigenetics, 2019, 14, 545-557. | 1.3 | 10 |
| 559 | Downregulation of lysyl oxidaseâ€like 4 LOXL4 by miRâ€135aâ€5p promotes lung cancer progression in vitro and in vivo. Journal of Cellular Physiology, 2019, 234, 18679-18687. | 2.0 | 30 |
| 560 | Development of Effective Therapeutics Targeting HER3 for Cancer Treatment. Biological Procedures Online, 2019, 21, 5. | 1.4 | 48 |
| 561 | MicroRNAs in Neuroinflammation: Implications in Disease Pathogenesis, Biomarker Discovery and Therapeutic Applications. Non-coding RNA, 2019, 5, 35. | 1.3 | 158 |
| 562 | Common miRNA Patterns of Alzheimer's Disease and Parkinson's Disease and Their Putative Impact on Commensal Gut Microbiota. Frontiers in Neuroscience, 2019, 13, 113. | 1.4 | 36 |

| # | Article | IF | CITATIONS |
|-----|--|----------------|-----------|
| 563 | Small molecules with big roles in microRNA chemical biology and microRNA-targeted therapeutics. RNA Biology, 2019, 16, 707-718. | 1.5 | 48 |
| 564 | miRâ€664aâ€3p functions as an oncogene by targeting Hippo pathway in the development of gastric cancer. Cell Proliferation, 2019, 52, e12567. | 2.4 | 38 |
| 565 | MCT-1/miR-34a/IL-6/IL-6R signaling axis promotes EMT progression, cancer stemness and M2 macrophage polarization in triple-negative breast cancer. Molecular Cancer, 2019, 18, 42. | 7.9 | 254 |
| 566 | Epigenetics and epigenomics in diabetic kidney disease and metabolic memory. Nature Reviews Nephrology, 2019, 15, 327-345. | 4.1 | 327 |
| 567 | MicroRNA-107 induces cell cycle arrests by directly targeting cyclin E1 in ovarian cancer. Biochemical and Biophysical Research Communications, 2019, 512, 331-337. | 1.0 | 19 |
| 568 | Dysregulation of microRNA metabolism in motor neuron diseases: Novel biomarkers and potential therapeutics. Non-coding RNA Research, 2019, 4, 15-22. | 2.4 | 16 |
| 569 | The antiviral effects of human microRNA miRâ€302câ€3p against hepatitis B virus infection. Alimentary Pharmacology and Therapeutics, 2019, 49, 1060-1070. | 1.9 | 21 |
| 570 | The State of the Art of Investigational and Approved Nanomedicine Products for Nucleic Acid Delivery. , 2019, , 421-456. | | 7 |
| 571 | RFSMMA: A New Computational Model to Identify and Prioritize Potential Small Molecule–MiRNA Associations. Journal of Chemical Information and Modeling, 2019, 59, 1668-1679. | 2.5 | 45 |
| 572 | The current state and future directions of RNAi-based therapeutics. Nature Reviews Drug Discovery, 2019, 18, 421-446. | 21.5 | 896 |
| 573 | MicroRNA-575 regulates development of gastric cancer by targeting PTEN. Biomedicine and Pharmacotherapy, 2019, 113, 108716. | 2.5 | 34 |
| 574 | MicroRNAs, Hypoxia and the Stem-Like State as Contributors to Cancer Aggressiveness. Frontiers in Genetics, 2019, 10, 125. | 1.1 | 42 |
| 575 | Genomeâ€wide analysis reveals miRâ€3184â€5p and miRâ€181câ€3p as a critical regulator for adipocytesâ€asso breast cancer. Journal of Cellular Physiology, 2019, 234, 17959-17974. | ociated 2.0 | 26 |
| 576 | An overview of the multifaceted roles of miRNAs in gastric cancer: Spotlight on novel biomarkers and therapeutic targets. Biochemical Pharmacology, 2019, 163, 425-439. | 2.0 | 14 |
| 577 | Dysregulated Expression of microRNA-21 and Disease-Related Genes in Human Patients and in a Mouse Model of Alport Syndrome. Human Gene Therapy, 2019, 30, 865-881. | 1.4 | 34 |
| 578 | MicroRNAâ€145â€5p regulates fibrotic features of recessive dystrophic epidermolysis bullosa skin fibroblasts. British Journal of Dermatology, 2019, 181, 1017-1027. | 1.4 | 19 |
| 579 | MiRNAs in cancer therapy: focusing on their bi-directional roles. ExRNA, 2019, 1, . | 1.0 | 13 |
| 580 | Regulation of KIF2A by Antitumor miR-451a Inhibits Cancer Cell Aggressiveness Features in Lung Squamous Cell Carcinoma. Cancers, 2019, 11, 258. | 1.7 | 24 |

| # | Article | IF | Citations |
|-----|---|-----|-----------|
| 581 | Gene-Specific Intron Retention Serves as Molecular Signature that Distinguishes Melanoma from Non-Melanoma Cancer Cells in Greek Patients. International Journal of Molecular Sciences, 2019, 20, 937. | 1.8 | 8 |
| 582 | Transcriptional Downregulation of miR-4306 serves as a New Therapeutic Target for Triple Negative Breast Cancer. Theranostics, 2019, 9, 1401-1416. | 4.6 | 54 |
| 583 | Overexpression of microRNA-519d-3p suppressed the growth of pancreatic cancer cells by inhibiting ribosomal protein S15A-mediated Wnt/ \hat{l}^2 -catenin signaling. Chemico-Biological Interactions, 2019, 304, 1-9. | 1.7 | 23 |
| 584 | Biodegradable Polymers as a Noncoding miRNA Nanocarrier for Multiple Targeting Therapy of Human Hepatocellular Carcinoma. Advanced Healthcare Materials, 2019, 8, e1801318. | 3.9 | 24 |
| 585 | PM _{2.5} Upregulates MicroRNA-146a-3p and Induces M1 Polarization in RAW264.7 Cells by Targeting Sirtuin1. International Journal of Medical Sciences, 2019, 16, 384-393. | 1.1 | 31 |
| 586 | Circular RNAs as Potential Biomarkers and Therapeutic Targets for Metabolic Diseases. Advances in Experimental Medicine and Biology, 2019, 1134, 177-191. | 0.8 | 27 |
| 587 | TRIM44 activates the AKT/mTOR signal pathway to induce melanoma progression by stabilizing TLR4. Journal of Experimental and Clinical Cancer Research, 2019, 38, 137. | 3.5 | 62 |
| 588 | MicroRNAs as Potential Targets for Therapeutic Intervention With Metastasis of Non-small Cell Lung Cancer. Cancer Genomics and Proteomics, 2019, 16, 99-119. | 1.0 | 48 |
| 589 | Regulation of neutrophil pro-inflammatory functions sheds new light on the pathogenesis of rheumatoid arthritis. Biochemical Pharmacology, 2019, 165, 170-180. | 2.0 | 14 |
| 590 | miRâ€193bâ€5p regulates chondrocytes metabolism by directly targeting histone deacetylase 7 in interleukinâ€1βâ€induced osteoarthritis. Journal of Cellular Biochemistry, 2019, 120, 12775-12784. | 1.2 | 23 |
| 591 | miRNA-148a-3p Regulates Immunosuppression in DNA Mismatch Repair–Deficient Colorectal Cancer by Targeting PD-L1. Molecular Cancer Research, 2019, 17, 1403-1413. | 1.5 | 89 |
| 592 | The Opposing Roles of PIK3R1/p85î± and PIK3R2/p85î² in Cancer. Trends in Cancer, 2019, 5, 233-244. | 3.8 | 82 |
| 593 | miR-147b-mediated TCA cycle dysfunction and pseudohypoxia initiate drug tolerance to EGFR inhibitors in lung adenocarcinoma. Nature Metabolism, 2019, 1, 460-474. | 5.1 | 57 |
| 594 | Expression of miRâ€'26b in ovarian carcinoma tissues and its correlation with clinicopathology. Oncology Letters, 2019, 17, 4417-4422. | 0.8 | 7 |
| 595 | Epigenetics as a New Frontier in Orthopedic Regenerative Medicine and Oncology. Journal of Orthopaedic Research, 2019, 37, 1465-1474. | 1.2 | 49 |
| 596 | Current Progress on MicroRNA-Based Gene Delivery in the Treatment of Osteoporosis and Osteoporotic Fracture. International Journal of Endocrinology, 2019, 2019, 1-17. | 0.6 | 34 |
| 597 | Micro(RNA)-managing muscle wasting. Journal of Applied Physiology, 2019, 127, 619-632. | 1.2 | 27 |
| 598 | Current experimental strategies for intracellular target identification of microRNA. ExRNA, 2019, 1, . | 1.0 | 23 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 599 | Epigenetics in cancer: a promising path to follow?. Clinical Chemistry and Laboratory Medicine, 2019, 57, 927-931. | 1.4 | 4 |
| 600 | MicroRNA-4417 is a tumor suppressor and prognostic biomarker for triple-negative breast cancer. Cancer Biology and Therapy, 2019, 20, 1113-1120. | 1.5 | 19 |
| 601 | An Insight into the Roles of MicroRNAs and Exosomes in Sarcoma. Cancers, 2019, 11, 428. | 1.7 | 19 |
| 602 | The Untranslated Regions of mRNAs in Cancer. Trends in Cancer, 2019, 5, 245-262. | 3.8 | 70 |
| 603 | Exploring the MIR143-UPAR Axis for the Inhibition of Human Prostate Cancer Cells InÂVitro and InÂVivo. Molecular Therapy - Nucleic Acids, 2019, 16, 272-283. | 2.3 | 17 |
| 604 | RNA N6-methyladenosine modification participates in miR-660/E2F3 axis-mediated inhibition of cell proliferation in gastric cancer. Pathology Research and Practice, 2019, 215, 152393. | 1.0 | 17 |
| 605 | A cross-linking approach to map small molecule-RNA binding sites in cells. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1532-1536. | 1.0 | 25 |
| 606 | miR-21-mediated regulation of 15-hydroxyprostaglandin dehydrogenase in colon cancer. Scientific Reports, 2019, 9, 5405. | 1.6 | 22 |
| 607 | Construction of prognostic microRNA signature for human invasive breast cancer by integrated analysis. OncoTargets and Therapy, 2019, Volume 12, 1979-2010. | 1.0 | 12 |
| 608 | <p>Elevated expression of microRNA-328-3p suppresses aggressive malignant behaviors via targeting matrix metalloprotease 16 in osteosarcoma</p> . OncoTargets and Therapy, 2019, Volume 12, 2063-2070. | 1.0 | 13 |
| 609 | Toll-Like Receptor-Mediated Recognition of Nucleic Acid Nanoparticles (NANPs) in Human Primary Blood Cells. Molecules, 2019, 24, 1094. | 1.7 | 44 |
| 610 | Targeting the mTOR regulatory network in hepatocellular carcinoma: Are we making headway?. Biochimica Et Biophysica Acta: Reviews on Cancer, 2019, 1871, 379-391. | 3.3 | 27 |
| 611 | Hsa-miR-889-3p promotes the proliferation of osteosarcoma through inhibiting myeloid cell nuclear differentiation antigen expression. Biomedicine and Pharmacotherapy, 2019, 114, 108819. | 2.5 | 14 |
| 612 | AuNPs-DNAzyme molecular motor biosensor mediated by neighborhood click chemistry reactions for the ultrasensitive detection of microRNA-155. Sensors and Actuators B: Chemical, 2019, 290, 503-511. | 4.0 | 22 |
| 613 | miRNA signatures in childhood sarcomas and their clinical implications. Clinical and Translational Oncology, 2019, 21, 1583-1623. | 1.2 | 13 |
| 614 | miR-100-5p confers resistance to ALK tyrosine kinase inhibitors Crizotinib and Lorlatinib in EML4-ALK positive NSCLC. Biochemical and Biophysical Research Communications, 2019, 511, 260-265. | 1.0 | 19 |
| 615 | Competitive Endogenous RNA (ceRNA) Regulation Network of lncRNA–miRNA–mRNA in Colorectal Carcinogenesis. Digestive Diseases and Sciences, 2019, 64, 1868-1877. | 1.1 | 50 |
| 616 | Methods in MicroRNA Biogenesis, Identification, Function and Decay. Methods, 2019, 152, 1-2. | 1.9 | 3 |

| # | ARTICLE | IF | Citations |
|-----|---|-----|-----------|
| 617 | MiR-34a and miR-34b/c have distinct effects on the suppression of lung adenocarcinomas. Experimental and Molecular Medicine, 2019, 51, 1-10. | 3.2 | 39 |
| 618 | Role of Noncoding RNAs in the Pathogenesis of Abdominal Aortic Aneurysm. Circulation Research, 2019, 124, 619-630. | 2.0 | 66 |
| 619 | Design, mechanism, delivery and therapeutics of canonical and Dicer-substrate siRNA. Asian Journal of Pharmaceutical Sciences, 2019, 14, 497-510. | 4.3 | 20 |
| 620 | Anti-inflammatory microRNA-146a protects mice from diet-induced metabolic disease. PLoS Genetics, 2019, 15, e1007970. | 1.5 | 48 |
| 621 | Expression pattern of microRNAs related with response to trastuzumab in breast cancer. Journal of Cellular Physiology, 2019, 234, 16102-16113. | 2.0 | 8 |
| 622 | Molecular Research in Chronic Thromboembolic Pulmonary Hypertension. International Journal of Molecular Sciences, 2019, 20, 784. | 1.8 | 19 |
| 623 | Efficient exosome delivery in refractory tissues assisted by ultrasound-targeted microbubble destruction. Drug Delivery, 2019, 26, 45-50. | 2.5 | 58 |
| 624 | miR-206 inhibits osteogenic differentiation of bone marrow mesenchymal stem cells by targetting glutaminase. Bioscience Reports, 2019, 39, . | 1.1 | 34 |
| 625 | Combating breast cancer using combination therapy with 3 phytochemicals: Piperine, sulforaphane, and thymoquinone. Cancer, 2019, 125, 1600-1611. | 2.0 | 99 |
| 626 | MicroRNA-375 Suppresses the Growth and Invasion of Fibrolamellar Carcinoma. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 803-817. | 2.3 | 34 |
| 627 | Micro-RNAs in inflammatory arthritis: From physiopathology to diagnosis, prognosis and therapeutic opportunities. Biochemical Pharmacology, 2019, 165, 134-144. | 2.0 | 11 |
| 628 | Polyamines and microbiota in bicuspid and tricuspid aortic valve aortopathy. Journal of Molecular and Cellular Cardiology, 2019, 129, 179-187. | 0.9 | 9 |
| 629 | Role of microRNAs in cardiovascular diseases and their therapeutic implications. , 2019, , 233-259. | | 0 |
| 630 | Dendrimer-Based Nanocarriers in Lung Cancer Therapy. , 2019, , 161-192. | | 19 |
| 631 | Computational Tools for microRNA Target Prediction. , 2019, , 79-105. | | 6 |
| 632 | MicroRNA-26a-CD36 signaling pathway: Pivotal role in lipid accumulation in hepatocytes induced by PM2.5 liposoluble extracts. Environmental Pollution, 2019, 248, 269-278. | 3.7 | 33 |
| 633 | <p>MicroRNA-339 inhibits human hepatocellular carcinoma proliferation and invasion via targeting ZNF689</p> . Drug Design, Development and Therapy, 2019, Volume 13, 435-445. | 2.0 | 18 |
| 634 | MiR-27b-3p Inhibition Enhances Browning of Epididymal Fat in High-Fat Diet Induced Obese Mice. Frontiers in Endocrinology, 2019, 10, 38. | 1.5 | 22 |

| # | Article | IF | CITATIONS |
|--------------------------|---|--------------------------|---------------------|
| 635 | Roles of MicroRNA-34a in Epithelial to Mesenchymal Transition, Competing Endogenous RNA Sponging and Its Therapeutic Potential. International Journal of Molecular Sciences, 2019, 20, 861. | 1.8 | 39 |
| 636 | Bioengineered Let-7c Inhibits Orthotopic Hepatocellular Carcinoma and Improves Overall Survival with Minimal Immunogenicity. Molecular Therapy - Nucleic Acids, 2019, 14, 498-508. | 2.3 | 29 |
| 637 | Current RNA-based Therapeutics in Clinical Trials. Current Gene Therapy, 2019, 19, 172-196. | 0.9 | 82 |
| 638 | The dual functional role of MicroRNAâ€18a (miRâ€18a) in cancer development. Clinical and Translational Medicine, 2019, 8, 32. | 1.7 | 55 |
| 639 | Long non-coding RNA LINC01296 promotes progression of oral squamous cell carcinoma through activating the MAPK/ERK signaling pathway via the miR-485-5p/PAK4 axis. Archives of Medical Science, 2019, 18, 786-799. | 0.4 | 2 |
| 640 | <p>MiR-935 Promotes Clear Cell Renal Cell Carcinoma Migration and Invasion by Targeting IREB2</p> . Cancer Management and Research, 2019, Volume 11, 10891-10900. | 0.9 | 12 |
| 641 | GATA2 controls lymphatic endothelial cell junctional integrity and lymphovenous valve morphogenesis through $\$ i>miR-126 $\$ li>. Development (Cambridge), 2019, 146, . | 1,2 | 30 |
| 642 | Let-7 miRNA's Expression Profile and Its Potential Prognostic Role in Uterine Leiomyosarcoma. Cells, 2019, 8, 1452. | 1.8 | 16 |
| 643 | The Role of MicroRNAs upon Epithelial-to-Mesenchymal Transition in Inflammatory Bowel Disease. Cells, 2019, 8, 1461. | 1.8 | 13 |
| | | | |
| 644 | The Role of Non-coding RNAs in Oncology. Cell, 2019, 179, 1033-1055. | 13.5 | 952 |
| 644 | The Role of Non-coding RNAs in Oncology. Cell, 2019, 179, 1033-1055. The value of miR-155 as a biomarker for the diagnosis and prognosis of lung cancer: a systematic review with meta-analysis. BMC Cancer, 2019, 19, 1103. | 13.5 | 952 |
| | The value of miR-155 as a biomarker for the diagnosis and prognosis of lung cancer: a systematic | | |
| 645 | The value of miR-155 as a biomarker for the diagnosis and prognosis of lung cancer: a systematic review with meta-analysis. BMC Cancer, 2019, 19, 1103. PAK4, a target of miR-9-5p, promotes cell proliferation and inhibits apoptosis in colorectal cancer. | 1.1 | 67 |
| 645 | The value of miR-155 as a biomarker for the diagnosis and prognosis of lung cancer: a systematic review with meta-analysis. BMC Cancer, 2019, 19, 1103. PAK4, a target of miR-9-5p, promotes cell proliferation and inhibits apoptosis in colorectal cancer. Cellular and Molecular Biology Letters, 2019, 24, 58. Interplay Between MicroRNAs and Oxidative Stress in Ovarian Conditions with a Focus on Ovarian | 2.7 | 67 31 |
| 645 646 647 | The value of miR-155 as a biomarker for the diagnosis and prognosis of lung cancer: a systematic review with meta-analysis. BMC Cancer, 2019, 19, 1103. PAK4, a target of miR-9-5p, promotes cell proliferation and inhibits apoptosis in colorectal cancer. Cellular and Molecular Biology Letters, 2019, 24, 58. Interplay Between MicroRNAs and Oxidative Stress in Ovarian Conditions with a Focus on Ovarian Cancer and Endometriosis. International Journal of Molecular Sciences, 2019, 20, 5322. Nicht-kleinzelliges Lungenkarzinom: Welche Rolle microRNA in der Behandlung spielt. Karger Kompass | 1.1 2.7 1.8 | 67 31 34 |
| 645 646 647 | The value of miR-155 as a biomarker for the diagnosis and prognosis of lung cancer: a systematic review with meta-analysis. BMC Cancer, 2019, 19, 1103. PAK4, a target of miR-9-5p, promotes cell proliferation and inhibits apoptosis in colorectal cancer. Cellular and Molecular Biology Letters, 2019, 24, 58. Interplay Between MicroRNAs and Oxidative Stress in Ovarian Conditions with a Focus on Ovarian Cancer and Endometriosis. International Journal of Molecular Sciences, 2019, 20, 5322. Nicht-kleinzelliges Lungenkarzinom: Welche Rolle microRNA in der Behandlung spielt. Karger Kompass Onkologie, 2019, 6, 153-154. Exploration of Physiological and Pathophysiological Implications of miRNA-143 and miRNA-145 in | 1.1 2.7 1.8 | 67 31 34 |
| 645 646 647 648 | The value of miR-155 as a biomarker for the diagnosis and prognosis of lung cancer: a systematic review with meta-analysis. BMC Cancer, 2019, 19, 1103. PAK4, a target of miR-9-5p, promotes cell proliferation and inhibits apoptosis in colorectal cancer. Cellular and Molecular Biology Letters, 2019, 24, 58. Interplay Between MicroRNAs and Oxidative Stress in Ovarian Conditions with a Focus on Ovarian Cancer and Endometriosis. International Journal of Molecular Sciences, 2019, 20, 5322. Nicht-kleinzelliges Lungenkarzinom: Welche Rolle microRNA in der Behandlung spielt. Karger Kompass Onkologie, 2019, 6, 153-154. Exploration of Physiological and Pathophysiological Implications of miRNA-143 and miRNA-145 in Cerebral Arteries. Journal of Cardiovascular Pharmacology, 2019, 74, 409-419. Associations between microRNA (miR-25, miR-32, miR-125, and miR-222) polymorphisms and recurrent | 1.1 2.7 1.8 0.0 | 67 31 34 0 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 653 | <p>MiR-326: Promising Biomarker for Cancer</p> . Cancer Management and Research, 2019, Volume 11, 10411-10418. | 0.9 | 41 |
| 654 | Quantitative and specific detection of cancer-related microRNAs in living cells using surface-enhanced Raman scattering imaging based on hairpin DNA-functionalized gold nanocages. Analyst, The, 2019, 144, 7250-7262. | 1.7 | 29 |
| 655 | Profiling microRNAs through development of the parasitic nematode Haemonchus identifies nematode-specific miRNAs that suppress larval development. Scientific Reports, 2019, 9, 17594. | 1.6 | 25 |
| 656 | Technological Challenges and Future Issues for the Detection of Circulating MicroRNAs in Patients With Cancer. Frontiers in Chemistry, 2019, 7, 815. | 1.8 | 24 |
| 657 | mTORC1 as a Regulator of Mitochondrial Functions and a Therapeutic Target in Cancer. Frontiers in Oncology, 2019, 9, 1373. | 1.3 | 130 |
| 658 | MiRNA-Based Therapeutics in Oncology, Realities, and Challenges. , 0, , . | | 11 |
| 659 | <p>THUMPD3-AS1 Is Correlated With Non-Small Cell Lung Cancer And Regulates Self-Renewal Through miR-543 And ONECUT2</p> . OncoTargets and Therapy, 2019, Volume 12, 9849-9860. | 1.0 | 35 |
| 660 | MiRNA therapeutics based on logic circuits of biological pathways. BMC Bioinformatics, 2019, 20, 344. | 1.2 | 11 |
| 661 | Long Non-coding RNA LINC01787 Drives Breast Cancer Progression via Disrupting miR-125b Generation. Frontiers in Oncology, 2019, 9, 1140. | 1.3 | 14 |
| 662 | Suppression of non-small cell lung cancer migration and invasion by hsa-miR-486-5p via the TGF- \hat{l}^2 /SMAD2 signaling pathway. Journal of Cancer, 2019, 10, 6014-6024. | 1.2 | 19 |
| 663 | <p>Genetic And Epigenetic Regulation Of E-Cadherin Signaling In Human Hepatocellular Carcinoma</p> . Cancer Management and Research, 2019, Volume 11, 8947-8963. | 0.9 | 17 |
| 664 | Regulation of Oncogenic Targets by miR-99a-3p (Passenger Strand of miR-99a-Duplex) in Head and Neck Squamous Cell Carcinoma. Cells, 2019, 8, 1535. | 1.8 | 32 |
| 665 | MicroRNA-200a-3p Is a Positive Regulator in Cardiac Hypertrophy Through Directly Targeting WDR1 as Well as Modulating PTEN/PI3K/AKT/CREB/WDR1 Signaling. Journal of Cardiovascular Pharmacology, 2019, 74, 453-461. | 0.8 | 16 |
| 666 | The Diagnostic Value of MicroRNAs as a Biomarker for Hepatocellular Carcinoma: A Meta-Analysis. BioMed Research International, 2019, 2019, 1-14. | 0.9 | 9 |
| 667 | <p>miR-181a Upregulation Promotes Radioresistance of Nasopharyngeal Carcinoma by Targeting RKIP</p> . OncoTargets and Therapy, 2019, Volume 12, 10873-10884. | 1.0 | 11 |
| 668 | p19INK4d: More than Just a Cyclin-Dependent Kinase Inhibitor. Current Drug Targets, 2019, 21, 96-102. | 1.0 | 8 |
| 669 | Cell-Free microRNAs as Potential Oral Cancer Biomarkers: From Diagnosis to Therapy. Cells, 2019, 8, 1653. | 1.8 | 34 |
| 670 | Analysis of whole genome-wide microRNA transcriptome profiling in invasive pituitary adenomas and non-invasive pituitary adenomas. Chinese Neurosurgical Journal, 2019, 5, 27. | 0.3 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 671 | Editorial focus: understanding off-target effects as the key to successful RNAi therapy. Cellular and Molecular Biology Letters, 2019, 24, 69. | 2.7 | 85 |
| 672 | Regulation of Endothelial-to-Mesenchymal Transition by MicroRNAs in Chronic Allograft Dysfunction. Transplantation, 2019, 103, e64-e73. | 0.5 | 15 |
| 673 | MiR-6803-5p Promotes Cancer Cell Proliferation and Invasion via PTPRO/NF- <i>κ</i> B Axis in Colorectal Cancer. Mediators of Inflammation, 2019, 2019, 1-9. | 1.4 | 10 |
| 674 | Competitive endogenous RNA (ceRNA) regulation network of lncRNAs, miRNAs, and mRNAs in Wilms tumour. BMC Medical Genomics, 2019, 12, 194. | 0.7 | 10 |
| 675 | Identification of microRNAs as novel biomarkers for esophageal squamous cell carcinoma. Chinese Medical Journal, 2019, 132, 2213-2222. | 0.9 | 32 |
| 676 | <p>miR-204 Negatively Regulates Cell Growth And Metastasis By Targeting ROBO4 In Human Bladder Cancer</p> . OncoTargets and Therapy, 2019, Volume 12, 8515-8524. | 1.0 | 8 |
| 677 | Extracellular Vesicles–Encapsulated MicroRNA-125b Produced in Genetically Modified Mesenchymal Stromal Cells Inhibits Hepatocellular Carcinoma Cell Proliferation. Cells, 2019, 8, 1560. | 1.8 | 40 |
| 678 | Peptides encoded by noncoding genes: challenges and perspectives. Signal Transduction and Targeted Therapy, 2019, 4, 57. | 7.1 | 22 |
| 679 | microRNAs Tune Oxidative Stress in Cancer Therapeutic Tolerance and Resistance. International Journal of Molecular Sciences, 2019, 20, 6094. | 1.8 | 20 |
| 680 | Identification of microRNA biomarkers in atrial fibrillation. Medicine (United States), 2019, 98, e16538. | 0.4 | 8 |
| 681 | miR-4666-3p and miR-329 Synergistically Suppress the Stemness of Colorectal Cancer Cells via Targeting TGF-β/Smad Pathway. Frontiers in Oncology, 2019, 9, 1251. | 1.3 | 25 |
| 682 | Expanding the Transcriptome of Head and Neck Squamous Cell Carcinoma Through Novel MicroRNA Discovery. Frontiers in Oncology, 2019, 9, 1305. | 1.3 | 15 |
| 683 | Dysregulation of MicroRNA Regulatory Network in Lower Extremities Arterial Disease. Frontiers in Genetics, 2019, 10, 1200. | 1.1 | 22 |
| 684 | Nicht kleinzelliges Lungenkarzinom: Welche Rolle microRNA in der Behandlung spielt. Karger Kompass Pneumologie, 2019, 7, 318-319. | 0.0 | 0 |
| 685 | Species-Specific miRNAs in Human Brain Development and Disease. Frontiers in Cellular Neuroscience, 2019, 13, 559. | 1.8 | 26 |
| 686 | Expression of microRNA-150 and its Target Gene IGF2BP1 in Human Osteosarcoma and their Clinical Implications. Pathology and Oncology Research, 2019, 25, 527-533. | 0.9 | 20 |
| 687 | Non-coding RNAs in retinal development and function. Human Genetics, 2019, 138, 957-971. | 1.8 | 35 |
| 688 | A Novel Bayesian Multiple Testing Approach to Deregulated miRNA Discovery Harnessing Positional Clustering. Biometrics, 2019, 75, 202-209. | 0.8 | 3 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 689 | Role of miRNAs in immune responses and immunotherapy in cancer. Genes Chromosomes and Cancer, 2019, 58, 244-253. | 1.5 | 105 |
| 690 | Co-delivery of RNAi and chemokine by polyarginine nanocapsules enables the modulation of myeloid-derived suppressor cells. Journal of Controlled Release, 2019, 295, 60-73. | 4.8 | 36 |
| 691 | miR-338-5p inhibits cell proliferation, colony formation, migration and cisplatin resistance in esophageal squamous cancer cells by targeting FERMT2. Carcinogenesis, 2019, 40, 883-892. | 1.3 | 38 |
| 692 | MiR-542-3p, a microRNA targeting CDK14, suppresses cell proliferation, invasiveness, and tumorigenesis of epithelial ovarian cancer. Biomedicine and Pharmacotherapy, 2019, 110, 850-856. | 2.5 | 34 |
| 693 | Therapeutic targeting of angiogenesis molecular pathways in angiogenesis-dependent diseases. Biomedicine and Pharmacotherapy, 2019, 110, 775-785. | 2.5 | 170 |
| 694 | Role of microRNAs and exosomes in asthma. Current Opinion in Pulmonary Medicine, 2019, 25, 87-93. | 1.2 | 49 |
| 695 | Epigenetics of Lupus. , 2019, , 69-85. | | 0 |
| 696 | Therapeutic microRNAs in human cancer. Cytotechnology, 2019, 71, 411-425. | 0.7 | 50 |
| 697 | The adaptive potential of RNA editing-mediated miRNA-retargeting in cancer. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 291-300. | 0.9 | 15 |
| 698 | The deregulation of miR-133b is associated with poor prognosis in bladder cancer. Pathology Research and Practice, 2019, 215, 354-357. | 1.0 | 7 |
| 699 | The Functional Role of Prostate Cancer Metastasis-related Micro-RNAs. Cancer Genomics and Proteomics, 2019, 16, 1-19. | 1.0 | 28 |
| 700 | MicroRNAs in AKI and Kidney Transplantation. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 454-468. | 2.2 | 58 |
| 701 | Epigenetic Alternations of MicroRNAs and DNA Methylation Contribute to Liver Metastasis of Colorectal Cancer. Digestive Diseases and Sciences, 2019, 64, 1523-1534. | 1.1 | 31 |
| 702 | MiR-31-5p promotes the cell growth, migration and invasion of colorectal cancer cells by targeting NUMB. Biomedicine and Pharmacotherapy, 2019, 109, 208-216. | 2.5 | 45 |
| 703 | An overview of epigenetic agents and natural nutrition products targeting DNA methyltransferase, histone deacetylases and microRNAs. Food and Chemical Toxicology, 2019, 123, 574-594. | 1.8 | 34 |
| 704 | MicroRNA let-7d targets thrombospondin-1 and inhibits the activation of human pancreatic stellate cells. Pancreatology, 2019, 19, 196-203. | 0.5 | 22 |
| 705 | Elucidating the contributory role of microRNA to cardiovascular diseases (a review). Vascular Pharmacology, 2019, 114, 31-48. | 1.0 | 42 |
| 706 | <i>GRSF1</i> -mediated <i>MIR-G-1</i> -promotes malignant behavior and nuclear autophagy by directly upregulating <i>TMED5</i> and <i>LMNB1</i> in cervical cancer cells. Autophagy, 2019, 15, 668-685. | 4.3 | 68 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 707 | Novel molecular therapeutic targets in cardiac fibrosis: a brief overview. Canadian Journal of Physiology and Pharmacology, 2019, 97, 246-256. | 0.7 | 6 |
| 708 | Bioengineered miRNA-1291 prodrug therapy in pancreatic cancer cells and patient-derived xenograft mouse models. Cancer Letters, 2019, 442, 82-90. | 3.2 | 40 |
| 709 | HMDD v3.0: a database for experimentally supported human microRNA–disease associations. Nucleic Acids Research, 2019, 47, D1013-D1017. | 6.5 | 603 |
| 710 | Exosomes derived from human umbilical cord mesenchymal stromal cells deliver exogenous miR-145-5p to inhibit pancreatic ductal adenocarcinoma progression. Cancer Letters, 2019, 442, 351-361. | 3.2 | 125 |
| 711 | LDR-Induced miR-30a and miR-30b Target the PAI-1 Pathway to Control Adverse Effects of NSCLC Radiotherapy. Molecular Therapy, 2019, 27, 342-354. | 3.7 | 27 |
| 712 | Populationâ€based data registries suggest novel insight into malignancy and metabolism. Cancer, 2019, 125, 15-17. | 2.0 | 21 |
| 713 | An overview of microRNAs: Biology, functions, therapeutics, and analysis methods. Journal of Cellular Physiology, 2019, 234, 5451-5465. | 2.0 | 1,084 |
| 714 | miR-155 drives oncogenesis by promoting and cooperating with mutations in the c-Kit oncogene. Oncogene, 2019, 38, 2151-2161. | 2.6 | 21 |
| 715 | Role of microRNA in severe asthma. Respiratory Investigation, 2019, 57, 9-19. | 0.9 | 25 |
| 716 | RNA sequencing data integration reveals an miRNA interactome of osteoarthritis cartilage. Annals of the Rheumatic Diseases, 2019, 78, 270-277. | 0.5 | 130 |
| 717 | Unbiased data mining identifies cell cycle transcripts that predict non-indolent Gleason score 7 prostate cancer. BMC Urology, 2019, 19, 4. | 0.6 | 8 |
| 718 | MicroRNA-15 family targets the hedgehog signaling pathway during postnatal development of porcine intestine. Biochemical and Biophysical Research Communications, 2019, 508, 832-837. | 1.0 | 2 |
| 719 | miR-632 promotes gastric cancer progression by accelerating angiogenesis in a TFF1-dependent manner. BMC Cancer, 2019, 19, 14. | 1.1 | 19 |
| 720 | MiR-454-3p-Mediated Wnt $\hat{\mathbb{I}}^2$ -catenin Signaling Antagonists Suppression Promotes Breast Cancer Metastasis. Theranostics, 2019, 9, 449-465. | 4.6 | 103 |
| 721 | Effects of microRNAâ€513b on cell proliferation, apoptosis, invasion, and migration by targeting HMGB3 through regulation of mTOR signaling pathway in nonâ€smallâ€cell lung cancer. Journal of Cellular Physiology, 2019, 234, 10934-10941. | 2.0 | 38 |
| 722 | MicroRNA Delivery with Bioreducible Polyethylenimine as a Nonâ€Viral Vector for Breast Cancer Gene Therapy. Macromolecular Bioscience, 2019, 19, e1800445. | 2.1 | 31 |
| 723 | miRNA-27a-3p and miRNA-222-3p as Novel Modulators of Phosphodiesterase 3a (PDE3A) in Cerebral Microvascular Endothelial Cells. Molecular Neurobiology, 2019, 56, 5304-5314. | 1.9 | 25 |
| 724 | Lightâ€Inducible Exosomeâ€Based Vehicle for Endogenous RNA Loading and Delivery to Leukemia Cells. Advanced Functional Materials, 2019, 29, 1807189. | 7.8 | 40 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-------------|-----------|
| 725 | p73-Governed miRNA Networks: Translating Bioinformatics Approaches to Therapeutic Solutions for Cancer Metastasis. Methods in Molecular Biology, 2019, 1912, 33-52. | 0.4 | 6 |
| 726 | The role of the motion cue in the dynamic gaze-cueing effect: A study of the lateralized ERPs. Neuropsychologia, 2019, 124, 151-160. | 0.7 | 3 |
| 727 | miR-1254 inhibits cell proliferation, migration, and invasion by down-regulating Smurf1 in gastric cancer. Cell Death and Disease, 2019, 10, 32. | 2.7 | 65 |
| 728 | Long Noncoding RNA-ATB Impairs the Function of Tumor Suppressor miR-126-Mediated Signals in Endometrial Cancer for Tumor Growth and Metastasis. Cancer Biotherapy and Radiopharmaceuticals, 2019, 34, 47-55. | 0.7 | 22 |
| 729 | MiRNA-195-5p Functions as a Tumor Suppressor and a Predictive of Poor Prognosis in Non-small Cell Lung Cancer by Directly Targeting CIAPIN1. Pathology and Oncology Research, 2019, 25, 1181-1190. | 0.9 | 42 |
| 730 | Oligonucleotide Therapeutics as a New Class of Drugs for Malignant Brain Tumors: Targeting mRNAs, Regulatory RNAs, Mutations, Combinations, and Beyond. Neurotherapeutics, 2019, 16, 319-347. | 2.1 | 32 |
| 731 | <scp>WTâ€CLS1</scp> is a rhabdoid tumor cell line and can be inhibited by <scp>miR</scp> â€16. Cancer Reports, 2019, 2, . | 0.6 | 3 |
| 732 | MicroRNA-20a Regulates Glioma Cell Proliferation, Invasion, and Apoptosis by Targeting CUGBP Elav-Like Family Member 2. World Neurosurgery, 2019, 121, e519-e527. | 0.7 | 19 |
| 733 | Non-target Genes Regulate miRNAs-Mediated Migration Steering of Colorectal Carcinoma. Pathology and Oncology Research, 2019, 25, 559-566. | 0.9 | 2 |
| 734 | MiR-105 and miR-9 regulate the mRNA stability of neuronal intermediate filaments. Implications for the pathogenesis of amyotrophic lateral sclerosis (ALS). Brain Research, 2019, 1706, 93-100. | 1.1 | 26 |
| 735 | TransmiR v2.0: an updated transcription factor-microRNA regulation database. Nucleic Acids Research, 2019, 47, D253-D258. | 6. 5 | 243 |
| 736 | Abnormal Expression of miR-21 in Kidney Tissue of Dogs With X-Linked Hereditary Nephropathy: A Canine Model of Chronic Kidney Disease. Veterinary Pathology, 2019, 56, 93-105. | 0.8 | 13 |
| 737 | Noncoding RNA in Cholangiocarcinoma. Seminars in Liver Disease, 2019, 39, 013-025. | 1.8 | 38 |
| 738 | MicroRNAâ€384 regulates cell proliferation and apoptosis through directly targeting WISP1 in laryngeal cancer. Journal of Cellular Biochemistry, 2019, 120, 3018-3026. | 1.2 | 16 |
| 739 | Biallelic CCM3 mutations cause a clonogenic survival advantage and endothelial cell stiffening. Journal of Cellular and Molecular Medicine, 2019, 23, 1771-1783. | 1.6 | 15 |
| 740 | miRâ€223 promotes regenerative myeloid cell phenotype and function in the demyelinated central nervous system. Glia, 2019, 67, 857-869. | 2.5 | 42 |
| 741 | RNA therapy: Are we using the right molecules?. , 2019, 196, 91-104. | | 116 |
| 742 | Integrative network biology analysis identifies miR-508-3p as the determinant for the mesenchymal identity and a strong prognostic biomarker of ovarian cancer. Oncogene, 2019, 38, 2305-2319. | 2.6 | 41 |

| # | Article | IF | Citations |
|-----|---|------------------|-----------|
| 743 | Gene Therapy for Neoplastic Hematology in Transplant Setting. Advances and Controversies in Hematopoietic Transplantation and Cell Therapy, 2019, , 245-264. | 0.0 | 0 |
| 744 | miRâ€30aâ€5p inhibition promotes interaction of Fas ⁺ endothelial cells and FasL ⁺ microglia to decrease pathological neovascularization and promote physiological angiogenesis. Glia, 2019, 67, 332-344. | 2.5 | 20 |
| 745 | miRâ€4324â€RACGAP1 TAT3â€ESR1 feedback loop inhibits proliferation and metastasis of bladder cancer. International Journal of Cancer, 2019, 144, 3043-3055. | 2.3 | 43 |
| 746 | Functional Role of miRNAs in the Progression of Breast Ductal Carcinoma in Situ. American Journal of Pathology, 2019, 189, 966-974. | 1.9 | 11 |
| 747 | MiR-132 promotes the proliferation, invasion and migration of human pancreatic carcinoma by inhibition of the tumor suppressor gene PTEN. Progress in Biophysics and Molecular Biology, 2019, 148, 65-72. | 1.4 | 29 |
| 748 | Molecular and cellular interplay in virus-induced tumors in solid organ recipients. Cellular Immunology, 2019, 343, 103770. | 1.4 | 8 |
| 749 | A simplified system for the effective expression and delivery of functional mature microRNAs in mammalian cells. Cancer Gene Therapy, 2020, 27, 424-437. | 2.2 | 42 |
| 750 | MicroRNAs and nervous system diseases: network insights and computational challenges. Briefings in Bioinformatics, 2020, 21, 863-875. | 3.2 | 13 |
| 751 | What's in a cardiomyocyte – And how do we make one through reprogramming?. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118464. | 1.9 | 13 |
| 752 | Non-coding RNAs as potential therapeutic targets in breast cancer. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194378. | 0.9 | 68 |
| 753 | Targeting the Trafficking of Kidney Water Channels for Therapeutic Benefit. Annual Review of Pharmacology and Toxicology, 2020, 60, 175-194. | 4.2 | 34 |
| 754 | Inhibiting MicroRNA-29a Protects Myocardial Ischemia-Reperfusion Injury by Targeting SIRT1 and Suppressing Oxidative Stress and NLRP3-Mediated Pyroptosis Pathway. Journal of Pharmacology and Experimental Therapeutics, 2020, 372, 128-135. | 1.3 | 90 |
| 755 | MicroRNAâ€⊋10 Promotes Bile Acid–Induced Cholestatic Liver Injury by Targeting Mixedâ€Lineage Leukemiaâ€4 Methyltransferase in Mice. Hepatology, 2020, 71, 2118-2134. | ¹ 3.6 | 21 |
| 756 | Long noncoding RNA Incâ€ABCA12â€3 promotes cell migration, invasion, and proliferation by regulating fibronectin 1 in esophageal squamous cell carcinoma. Journal of Cellular Biochemistry, 2020, 121, 1374-1387. | 1.2 | 19 |
| 757 | A P53â€related microRNA model for predicting the prognosis of hepatocellular carcinoma patients. Journal of Cellular Physiology, 2020, 235, 3569-3578. | 2.0 | 15 |
| 758 | LncRNA PCAT-1 upregulates RAP1A through modulating miR-324-5p and promotes survival in lung cancer. Archives of Medical Science, 2020, 16, 1196-1206. | 0.4 | 6 |
| 759 | MicroRNAâ€140â€5p inhibits the tumorigenesis of oral squamous cell carcinoma by targeting p21â€activated kinase 4. Cell Biology International, 2020, 44, 145-154. | 1.4 | 18 |
| 760 | Cognitive dysfunction: A growing link between diabetes and Alzheimer's disease. Drug Development Research, 2020, 81, 144-164. | 1.4 | 54 |

| # | Article | IF | Citations |
|-----|---|-----|-----------|
| 761 | Hsaâ€miRâ€139â€5p is a prognostic thyroid cancer marker involved in HNRNPFâ€mediated alternative splicing. International Journal of Cancer, 2020, 146, 521-530. | 2.3 | 29 |
| 762 | Peripheral blood circulating microRNAâ€4636/â^'143 for the prognosis of cervical cancer. Journal of Cellular Biochemistry, 2020, 121, 596-608. | 1.2 | 14 |
| 763 | Multiplex immunohistochemistry as a novel tool for the topographic assessment of the bone marrow stem cell niche. Methods in Enzymology, 2020, 635, 67-79. | 0.4 | 8 |
| 764 | The interaction between microRNA-152 and DNA methyltransferase-1 as an epigenetic prognostic biomarker in HCV-induced liver cirrhosis and HCC patients. Cancer Gene Therapy, 2020, 27, 486-497. | 2.2 | 9 |
| 765 | miRâ€182â€5p contributes to intestinal injury in a murine model of <i>Staphylococcus aureus</i> pneumoniaâ€induced sepsis via targeting surfactant protein D. Journal of Cellular Physiology, 2020, 235, 563-572. | 2.0 | 22 |
| 766 | MicroRNAs as modulators of longevity and the aging process. Human Genetics, 2020, 139, 291-308. | 1.8 | 97 |
| 767 | New opportunities for targeting redox dysregulation in cardiovascular disease. Cardiovascular Research, 2020, 116, 532-544. | 1.8 | 30 |
| 768 | miRâ€125a suppresses malignancy of multiple myeloma by reducing the deubiquitinase USP5. Journal of Cellular Biochemistry, 2020, 121, 642-650. | 1.2 | 17 |
| 769 | Inhibitory milieu at the multiple sclerosis lesion site and the challenges for remyelination. Glia, 2020, 68, 859-877. | 2.5 | 14 |
| 770 | Multiple roles and regulatory mechanisms of the transcription factor GATA6 in human cancers. Clinical Genetics, 2020, 97, 64-72. | 1.0 | 23 |
| 771 | Downregulation of miR-302b is associated with poor prognosis and tumor progression of breast cancer. Breast Cancer, 2020, 27, 291-298. | 1.3 | 9 |
| 773 | LINC00174 down-regulation decreases chemoresistance to temozolomide in human glioma cells by regulating miR-138-5p/SOX9 axis. Human Cell, 2020, 33, 159-174. | 1.2 | 43 |
| 774 | Long noncoding MAGI2â€AS3 promotes colorectal cancer progression through regulating miRâ€3163/TMEM106B axis. Journal of Cellular Physiology, 2020, 235, 4824-4833. | 2.0 | 41 |
| 775 | Skeletal muscle wasting in chronic kidney disease: the emerging role of microRNAs. Nephrology Dialysis Transplantation, 2020, 35, 1469-1478. | 0.4 | 21 |
| 776 | LINC01342 promotes the progression of ovarian cancer by absorbing microRNAâ€30câ€2â€3p to upregulate HIF3A. Journal of Cellular Physiology, 2020, 235, 3939-3949. | 2.0 | 7 |
| 777 | LncRNA LINC00857 regulates lung adenocarcinoma progression, apoptosis and glycolysis by targeting miR-1179/SPAG5 axis. Human Cell, 2020, 33, 195-204. | 1.2 | 49 |
| 778 | Identification of key microRNAs and hub genes in nonâ€smallâ€eell lung cancer using integrative bioinformatics and functional analyses. Journal of Cellular Biochemistry, 2020, 121, 2690-2703. | 1.2 | 18 |
| 779 | MicroRNAâ€326 attenuates hepatic stellate cell activation and liver fibrosis by inhibiting TLR4 signaling. Journal of Cellular Biochemistry, 2020, 121, 3794-3803. | 1.2 | 17 |

| # | Article | IF | Citations |
|-----|--|-----|-----------|
| 780 | Lipid nanocarriers for microRNA delivery. Chemistry and Physics of Lipids, 2020, 226, 104837. | 1.5 | 63 |
| 781 | BCL11B regulates MICA/B-mediated immune response by acting as a competitive endogenous RNA. Oncogene, 2020, 39, 1514-1526. | 2.6 | 5 |
| 782 | MicroRNAs in central nervous system diseases: A prospective role in regulating blood-brain barrier integrity. Experimental Neurology, 2020, 323, 113094. | 2.0 | 58 |
| 783 | RNA Nanotechnology-Mediated Cancer Immunotherapy. Theranostics, 2020, 10, 281-299. | 4.6 | 100 |
| 784 | Bioinformatics prediction and experimental validation of a novel microRNA: hsaâ€miRâ€B43 within human ⟨i⟩CDH4⟨ i⟩ gene with a potential metastasisâ€related function in breast cancer. Journal of Cellular Biochemistry, 2020, 121, 1307-1316. | 1.2 | 7 |
| 785 | MicroRNAs Determining Carcinogenesis by Regulating Oncogenes and Tumor Suppressor Genes During Cell Cycle. MicroRNA (Shariqah, United Arab Emirates), 2020, 9, 82-92. | 0.6 | 14 |
| 786 | Impact of assay format on miRNA sensing: Electrochemical microfluidic biosensor for miRNA-197 detection. Biosensors and Bioelectronics, 2020, 148, 111824. | 5.3 | 47 |
| 787 | Circulating miRNA analysis for cancer diagnostics and therapy. Molecular Aspects of Medicine, 2020, 72, 100825. | 2.7 | 114 |
| 788 | miRNA Regulation of Glutathione Homeostasis in Cancer Initiation, Progression and Therapy Resistance. MicroRNA (Shariqah, United Arab Emirates), 2020, 9, 187-197. | 0.6 | 14 |
| 789 | Dissimilar Appearances Are Deceptive–Common microRNAs and Therapeutic Strategies in Liver Cancer and Melanoma. Cells, 2020, 9, 114. | 1.8 | 14 |
| 790 | MicroRNAs: pivotal regulators in acute myeloid leukemia. Annals of Hematology, 2020, 99, 399-412. | 0.8 | 14 |
| 791 | miR-362-5p promotes cell proliferation and cell cycle progression by targeting GAS7 in acute myeloid leukemia. Human Cell, 2020, 33, 405-415. | 1.2 | 19 |
| 792 | NFATc3-dependent expression of miR-153-3p promotes mitochondrial fragmentation in cardiac hypertrophy by impairing mitofusin-1 expression. Theranostics, 2020, 10, 553-566. | 4.6 | 32 |
| 793 | MicroRNA-9 and breast cancer. Biomedicine and Pharmacotherapy, 2020, 122, 109687. | 2.5 | 67 |
| 794 | miR-149 Suppresses Breast Cancer Metastasis by Blocking Paracrine Interactions with Macrophages. Cancer Research, 2020, 80, 1330-1341. | 0.4 | 41 |
| 795 | MicroRNAs and Metastasis. Cancers, 2020, 12, 96. | 1.7 | 14 |
| 796 | Emerging Role of Non-Coding RNAs in Esophageal Squamous Cell Carcinoma. International Journal of Molecular Sciences, 2020, 21, 258. | 1.8 | 57 |
| 798 | MicroRNA-96-5p represses breast cancer proliferation and invasion through Wnt/ \hat{l}^2 -catenin signaling via targeting CTNND1. Scientific Reports, 2020, 10, 44. | 1.6 | 17 |

| # | Article | IF | CITATIONS |
|-----|--|-------------|-----------|
| 799 | Specific Inhibition of Viral MicroRNAs by Carbon Dots-Mediated Delivery of Locked Nucleic Acids for Therapy of Virus-Induced Cancer. ACS Nano, 2020, 14, 476-487. | 7. 3 | 52 |
| 800 | Modulation of Biliary Cancer Chemoâ€Resistance Through MicroRNAâ€Mediated Rewiring of the Expansion of CD133+ Cells. Hepatology, 2020, 72, 982-996. | 3.6 | 30 |
| 801 | Noncoding RNA miRâ€205â€5p mediates osteoporosis pathogenesis and osteoblast differentiation by regulating RUNX2. Journal of Cellular Biochemistry, 2020, 121, 4196-4203. | 1.2 | 16 |
| 802 | Circulating Exosomal miRâ€20bâ€5p Inhibition Restores Wnt9b Signaling and Reverses Diabetesâ€Associated Impaired Wound Healing. Small, 2020, 16, e1904044. | 5.2 | 129 |
| 803 | Non-coding RNA therapy in cancer. , 2020, , 211-220. | | 0 |
| 804 | Ratiometric fluorescence sensor based on carbon dots as internal reference signal and T7 exonuclease-assisted signal amplification strategy for microRNA-21 detection. Analytica Chimica Acta, 2020, 1103, 212-219. | 2.6 | 44 |
| 805 | Therapeutic Potential of LNP-Mediated Delivery of miR-634 for Cancer Therapy. Molecular Therapy - Nucleic Acids, 2020, 19, 330-338. | 2.3 | 43 |
| 806 | Cardiac progenitors and paracrine mediators in cardiogenesis and heart regeneration. Seminars in Cell and Developmental Biology, 2020, 100, 29-51. | 2.3 | 38 |
| 807 | Target-dependent dual strand extension recycling amplifications for non-label and ultrasensitive sensing of serum microRNA. Talanta, 2020, 210, 120651. | 2.9 | 4 |
| 808 | Methamphetamine-induced alterations in intestinal mucosal barrier function occur via the microRNA-181c/ TNF- $\hat{l}\pm/\hat{t}$ ight junction axis. Toxicology Letters, 2020, 321, 73-82. | 0.4 | 24 |
| 809 | Rolling Circular Amplification (RCA)-Assisted CRISPR/Cas9 Cleavage (RACE) for Highly Specific Detection of Multiple Extracellular Vesicle MicroRNAs. Analytical Chemistry, 2020, 92, 2176-2185. | 3.2 | 177 |
| 811 | Polymer nanocarriers for MicroRNA delivery. Journal of Applied Polymer Science, 2020, 137, 48651. | 1.3 | 33 |
| 812 | miRPathDB 2.0: a novel release of the miRNA Pathway Dictionary Database. Nucleic Acids Research, 2020, 48, D142-D147. | 6.5 | 138 |
| 813 | miR-155 as a novel clinical target for hematological malignancies. Carcinogenesis, 2020, 41, 2-7. | 1.3 | 63 |
| 814 | Layerâ€byâ€layer assembled PLGA nanoparticles carrying miRâ€34a cargo inhibit the proliferation and cell cycle progression of tripleâ€negative breast cancer cells. Journal of Biomedical Materials Research - Part A, 2020, 108, 601-613. | 2.1 | 33 |
| 815 | The role of endothelial miRNAs in myocardial biology and disease. Journal of Molecular and Cellular Cardiology, 2020, 138, 75-87. | 0.9 | 20 |
| 816 | Advances in the discovery of microRNA-based anticancer therapeutics: latest tools and developments. Expert Opinion on Drug Discovery, 2020, 15, 63-83. | 2.5 | 43 |
| 817 | Polydatin Exerts an Antitumor Effect Through Regulating the miR-382/PD-L1 Axis in Colorectal Cancer. Cancer Biotherapy and Radiopharmaceuticals, 2020, 35, 83-91. | 0.7 | 25 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 818 | A Novel Bioengineered miR-127 Prodrug Suppresses the Growth and Metastatic Potential of Triple-Negative Breast Cancer Cells. Cancer Research, 2020, 80, 418-429. | 0.4 | 44 |
| 819 | miRâ€133aâ€3p/FOXP3 axis regulates cell proliferation and autophagy in gastric cancer. Journal of Cellular Biochemistry, 2020, 121, 3392-3405. | 1.2 | 27 |
| 820 | A photoactivatable microRNA probe for identification of microRNA targets and light-controlled suppression of microRNA target expression. Chemical Communications, 2020, 56, 627-630. | 2.2 | 8 |
| 821 | Integrated analysis of directly captured microRNA targets reveals the impact of microRNAs on mammalian transcriptome. Rna, 2020, 26, 306-323. | 1.6 | 18 |
| 822 | Role of microRNAs in antiviral responses to dengue infection. Journal of Biomedical Science, 2020, 27, 4. | 2.6 | 69 |
| 823 | Bioengineered miR-328-3p modulates GLUT1-mediated glucose uptake and metabolism to exert synergistic antiproliferative effects with chemotherapeutics. Acta Pharmaceutica Sinica B, 2020, 10, 159-170. | 5.7 | 54 |
| 825 | AAV-miR-204 Protects from Retinal Degeneration by Attenuation of Microglia Activation and Photoreceptor Cell Death. Molecular Therapy - Nucleic Acids, 2020, 19, 144-156. | 2.3 | 28 |
| 826 | Circ_0000267 promotes gastric cancer progression via sponging MiRâ€503â€5p and regulating <i>HMGA2</i> expression. Molecular Genetics & Genomic Medicine, 2020, 8, e1093. | 0.6 | 28 |
| 827 | Targeting Extracellular miR-21-TLR7 Signaling Provides Long-Lasting Analgesia in Osteoarthritis. Molecular Therapy - Nucleic Acids, 2020, 19, 199-207. | 2.3 | 27 |
| 828 | Chimeric peptide supramolecular nanoparticles for plectin-1 targeted miRNA-9 delivery in pancreatic cancer. Theranostics, 2020, 10, 1151-1165. | 4.6 | 31 |
| 829 | LINC01436, regulating miRâ€585 and <i>FBXO11</i> , is an oncogenic lncRNA in the progression of gastric cancer. Cell Biology International, 2020, 44, 882-893. | 1.4 | 15 |
| 830 | Explaining Gene Expression Using Twenty-One MicroRNAs. Journal of Computational Biology, 2020, 27, 1157-1170. | 0.8 | 5 |
| 831 | Circulating microRNA Profiles in Acetaminophen Toxicity. Journal of Medical Toxicology, 2020, 16, 177-187. | 0.8 | 4 |
| 832 | Nuclear Factor κB Signaling and Its Related Non-coding RNAs in Cancer Therapy. Molecular Therapy - Nucleic Acids, 2020, 19, 208-217. | 2.3 | 30 |
| 833 | Molecular subgrouping of primary pineal parenchymal tumors reveals distinct subtypes correlated with clinical parameters and genetic alterations. Acta Neuropathologica, 2020, 139, 243-257. | 3.9 | 50 |
| 834 | Aberrantly expressed snoRNA, snRNA, piRNA and tRFs in canine melanoma. Veterinary and Comparative Oncology, 2020, 18, 353-361. | 0.8 | 12 |
| 835 | microRNA-331-3p maintains the contractile type of vascular smooth muscle cells by regulating TNF- \hat{l}_{\pm} and CD14 in intracranial aneurysm. Neuropharmacology, 2020, 164, 107858. | 2.0 | 29 |
| 836 | Long noncoding RNAs in key cellular processes involved in aortic aneurysms. Atherosclerosis, 2020, 292, 112-118. | 0.4 | 26 |

| # | Article | IF | Citations |
|-----|---|-----|-----------|
| 837 | The regulation and interaction of PVT1 and miR181a-5p contributes to the repression of SP1 expression by the combination of XJD decoction and cisplatin in human lung cancer cells. Biomedicine and Pharmacotherapy, 2020, 121, 109632. | 2.5 | 9 |
| 838 | MicroRNA expression signatures of atrial fibrillation: The critical systematic review and bioinformatics analysis. Experimental Biology and Medicine, 2020, 245, 42-53. | 1.1 | 22 |
| 839 | miR-1470 regulates cell proliferation and apoptosis by targeting ALX4 in hepatocellular carcinoma. Biochemical and Biophysical Research Communications, 2020, 522, 716-723. | 1.0 | 8 |
| 840 | Overexpression of microRNA-21 decreased the sensitivity of advanced cervical cancer to chemoradiotherapy through SMAD7. Anti-Cancer Drugs, 2020, 31, 272-281. | 0.7 | 10 |
| 841 | MicroRNAs Involved in Metastasis of Hepatocellular Carcinoma: Target Candidates, Functionality and Efficacy in Animal Models and Prognostic Relevance. Cancer Genomics and Proteomics, 2020, 17, 1-21. | 1.0 | 23 |
| 842 | An Emerging Role for isomiRs and the microRNA Epitranscriptome in Neovascularization. Cells, 2020, 9, 61. | 1.8 | 31 |
| 843 | MiR-29a in mesenchymal stem cells inhibits FSTL1 secretion and promotes cardiac myocyte apoptosis in hypoxia-reoxygenation injury. Cardiovascular Pathology, 2020, 46, 107180. | 0.7 | 10 |
| 844 | Quantitative and time-resolved miRNA pattern of early human T cell activation. Nucleic Acids Research, 2020, 48, 10164-10183. | 6.5 | 12 |
| 845 | Long Non-coding RNA AGAP2-AS1 Silencing Inhibits PDLIM5 Expression Impeding Prostate Cancer Progression via Up-Regulation of MicroRNA-195-5p. Frontiers in Genetics, 2020, 11, 1030. | 1.1 | 13 |
| 846 | MicroRNA-24 in Cancer: A Double Side Medal With Opposite Properties. Frontiers in Oncology, 2020, 10, 553714. | 1.3 | 16 |
| 847 | The Emerging Role of MicroRNAs in Regulating the Drug Response of Cholangiocarcinoma. Biomolecules, 2020, 10, 1396. | 1.8 | 8 |
| 848 | Inhibition of MicroRNA 6937 Delays Photoreceptor and Vision Loss in a Mouse Model of Retinitis Pigmentosa. Pharmaceutics, 2020, 12, 913. | 2.0 | 8 |
| 849 | N6-Adenosine Methylation of miRNA-200b-3p Influences Its Functionality and Is a Theranostic Tool. Molecular Therapy - Nucleic Acids, 2020, 22, 72-83. | 2.3 | 8 |
| 850 | MicroRNAâ€148aâ€3p suppresses epithelialâ€toâ€mesenchymal transition and stemness properties via Wnt1â€mediated Wnt∫βâ€catenin pathway in pancreatic cancer. Journal of Cellular and Molecular Medicine, 2020, 24, 13020-13035. | 1.6 | 13 |
| 851 | MicroRNAs as mediators of drug resistance mechanisms. Current Opinion in Pharmacology, 2020, 54, 44-50. | 1.7 | 19 |
| 852 | LINC01094/miR-577 axis regulates the progression of ovarian cancer. Journal of Ovarian Research, 2020, 13, 122. | 1.3 | 30 |
| 853 | <p>Hypoxic Non-Small-Cell Lung Cancer Cell-Secreted Exosomal microRNA-582-3p Drives Cancer Cell Malignant Phenotypes by Targeting Secreted Frizzled-Related Protein 1</p> . Cancer Management and Research, 2020, Volume 12, 10151-10161. | 0.9 | 9 |
| 854 | <p>Circular RNAs and Bladder Cancer</p> . OncoTargets and Therapy, 2020, Volume 13, 9573-9586. | 1.0 | 11 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 855 | Cancer-Associated Fibroblasts-Derived Exosomes Suppress Immune Cell Function in Breast Cancer via the miR-92/PD-L1 Pathway. Frontiers in Immunology, 2020, 11, 2026. | 2.2 | 114 |
| 856 | Molecular Pathogenesis of Pancreatic Ductal Adenocarcinoma: Impact of miR-30c-5p and miR-30c-2-3p Regulation on Oncogenic Genes. Cancers, 2020, 12, 2731. | 1.7 | 26 |
| 857 | The role of synaptic microRNAs in Alzheimer's disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165937. | 1.8 | 40 |
| 858 | Let-7a-5p inhibits triple-negative breast tumor growth and metastasis through GLUT12-mediated warburg effect. Cancer Letters, 2020, 495, 53-65. | 3.2 | 41 |
| 859 | Evolution of drug delivery system from viewpoint of controlled intracellular trafficking and selective tissue targeting toward future nanomedicine. Journal of Controlled Release, 2020, 327, 533-545. | 4.8 | 23 |
| 860 | The significance of microRNA deregulation in colorectal cancer development and the clinical uses as a diagnostic and prognostic biomarker and therapeutic agent. Non-coding RNA Research, 2020, 5, 125-134. | 2.4 | 24 |
| 861 | Hematopoietic Reprogramming Entangles with Hematopoiesis. Trends in Cell Biology, 2020, 30, 752-763. | 3.6 | 7 |
| 862 | Exosomal Delivery of AntagomiRs Targeting Viral and Cellular MicroRNAs Synergistically Inhibits Cancer Angiogenesis. Molecular Therapy - Nucleic Acids, 2020, 22, 153-165. | 2.3 | 31 |
| 863 | Non-Coding RNAs, a Novel Paradigm for the Management of Gastrointestinal Stromal Tumors. International Journal of Molecular Sciences, 2020, 21, 6975. | 1.8 | 5 |
| 864 | <p>MicroRNA-3666 Suppresses Cell Growth in Head and Neck Squamous Cell Carcinoma Through Inhibition of PFKFB3-Mediated Warburg Effect</p> . OncoTargets and Therapy, 2020, Volume 13, 9029-9041. | 1.0 | 5 |
| 865 | <p>The miRNA, miR-125b, Inhibited Invasion and Metastasis of Gastric-Cancer Cells by Triggering the STAT3 Signaling Pathway</p> . Cancer Management and Research, 2020, Volume 12, 8569-8580. | 0.9 | 2 |
| 867 | High Levels of miR-7-5p Potentiate Crizotinib-Induced Cytokilling and Autophagic Flux by Targeting RAF1 in NPM-ALK Positive Lymphoma Cells. Cancers, 2020, 12, 2951. | 1.7 | 8 |
| 868 | LINC01133 promotes the progression of cervical cancer via regulating miRâ€30aâ€5p/FOXD1. Asia-Pacific Journal of Clinical Oncology, 2021, 17, 253-263. | 0.7 | 15 |
| 869 | Interplay between Câ€type lectin receptors and microRNAs in cellular homeostasis and immune response. FEBS Journal, 2021, 288, 4210-4229. | 2.2 | 9 |
| 870 | Epigenetic alternations of microRNAs and DNA methylation contribute to gestational diabetes mellitus. Journal of Cellular and Molecular Medicine, 2020, 24, 13899-13912. | 1.6 | 27 |
| 871 | Preface to the series on tumor immune microenvironment in cancer progression and cancer therapy. Translational Cancer Research, 2020, 9, 5772-5774. | 0.4 | 0 |
| 872 | Circular RNA Circ_ANKMY2 Regulates Temporal Lobe Epilepsy Progression via the miR-106b-5p/FOXP1 Axis. Neurochemical Research, 2020, 45, 3034-3044. | 1.6 | 12 |
| 873 | More than Nutrition: Therapeutic Potential of Breast Milk-Derived Exosomes in Cancer. International Journal of Molecular Sciences, 2020, 21, 7327. | 1.8 | 45 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 874 | El sistema pHLIP como vehÃeulo de microRNA en el riñón. Nefrologia, 2020, 40, 491-498. | 0.2 | 2 |
| 875 | Pan-cancer analysis of somatic mutations in miRNA genes. EBioMedicine, 2020, 61, 103051. | 2.7 | 29 |
| 876 | The microRNA-424/503 cluster: A master regulator of tumorigenesis and tumor progression with paradoxical roles in cancer. Cancer Letters, 2020, 494, 58-72. | 3.2 | 8 |
| 877 | Expression differences of miR-142-5p between treatment-na \tilde{A} -ve chronic myeloid leukemia patients responding and non-responding to imatinib therapy suggest a link to oncogenic ABL2, SRI, cKIT and MCL1 signaling pathways critical for development of therapy resistance. Experimental Hematology and Oncology, 2020, 9, 26. | 2.0 | 23 |
| 878 | Restoration of RNA helicase DDX5 suppresses hepatitis B virus (HBV) biosynthesis and Wnt signaling in HBV-related hepatocellular carcinoma. Theranostics, 2020, 10, 10957-10972. | 4.6 | 31 |
| 879 | The Role of Micro-RNAs and Circulating Tumor Markers as Predictors of Response to Neoadjuvant Therapy in Locally Advanced Rectal Cancer. International Journal of Molecular Sciences, 2020, 21, 7040. | 1.8 | 26 |
| 880 | LncRNA TUG1 promotes esophageal cancer development through regulating PLK1 expression by sponging miR-1294. Biotechnology Letters, 2020, 42, 2537-2549. | 1.1 | 17 |
| 881 | Exosomal Transfer of LCP1 Promotes Osteosarcoma Cell Tumorigenesis and Metastasis by Activating the JAK2/STAT3 Signaling Pathway. Molecular Therapy - Nucleic Acids, 2020, 21, 900-915. | 2.3 | 46 |
| 882 | Rhamnocitrin extracted from Nervilia fordii inhibited vascular endothelial activation via miR-185/STIM-1/SOCE/NFATc3. Phytomedicine, 2020, 79, 153350. | 2.3 | 16 |
| 883 | microRNAs Shape Myeloid Cell-Mediated Resistance to Cancer Immunotherapy. Frontiers in Immunology, 2020, 11, 1214. | 2.2 | 12 |
| 884 | Novel quinazoline-based EGFR kinase inhibitors: A review focussing on SAR and molecular docking studies (2015-2019). European Journal of Medicinal Chemistry, 2020, 204, 112640. | 2.6 | 62 |
| 885 | Global targetome analysis reveals critical role of miR-29a in pancreatic stellate cell mediated regulation of PDAC tumor microenvironment. BMC Cancer, 2020, 20, 651. | 1.1 | 12 |
| 886 | miR-138-5p inhibits the malignant progression of prostate cancer by targeting FOXC1. Cancer Cell International, 2020, 20, 297. | 1.8 | 23 |
| 887 | A Comprehensive Review of Cancer MicroRNA Therapeutic Delivery Strategies. Cancers, 2020, 12, 1852. | 1.7 | 148 |
| 888 | Diagnostic Value of Circulating miR-202 in Early-Stage Breast Cancer in South Korea. Medicina (Lithuania), 2020, 56, 340. | 0.8 | 14 |
| 889 | Loss of miR-101-3p Promotes Transmigration of Metastatic Breast Cancer Cells through the Brain Endothelium by Inducing COX-2/MMP1 Signaling. Pharmaceuticals, 2020, 13, 144. | 1.7 | 30 |
| 890 | Anticancer property of ginsenoside Rh2 from ginseng. European Journal of Medicinal Chemistry, 2020, 203, 112627. | 2.6 | 108 |
| 891 | Identification of the Combinatorial Effect of miRNA Family Regulatory Network in Different Growth Patterns of GC. Molecular Therapy - Oncolytics, 2020, 17, 531-546. | 2.0 | 13 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 892 | Transfer of microRNA-221 from mesenchymal stem cell-derived extracellular vesicles inhibits atherosclerotic plaque formation. Translational Research, 2020, 226, 83-95. | 2.2 | 27 |
| 893 | LncRNA-DANCR Interferes With miR-125b-5p/HK2 Axis to Desensitize Colon Cancer Cells to Cisplatin vis Activating Anaerobic Glycolysis. Frontiers in Oncology, 2020, 10, 1034. | 1.3 | 27 |
| 894 | Bone marrow mesenchymal stem cell-derived exosomal miR-206 inhibits osteosarcoma progression by targeting TRA2B. Cancer Letters, 2020, 490, 54-65. | 3.2 | 84 |
| 895 | Downregulation of microRNA-30c-5p was responsible for cell migration and tumor metastasis via COTL1-mediated microfilament arrangement in breast cancer. Gland Surgery, 2020, 9, 747-758. | 0.5 | 15 |
| 896 | Redirection of miRNAâ€Argonaute Complexes to Specific Target Sites by Synthetic Adaptor Molecules. Chemistry and Biodiversity, 2020, 17, e2000272. | 1.0 | 2 |
| 897 | Roles of Noncoding RNAs in Islet Biology. , 2020, 10, 893-932. | | 7 |
| 898 | The comparison of miRNAs that respond to anti-breast cancer drugs and usnic acid for the treatment of breast cancer. Cytotechnology, 2020, 72, 855-872. | 0.7 | 1 |
| 899 | DARS-AS1 accelerates the proliferation of cervical cancer cells via miR-628-5p/JAG1 axis to activate Notch pathway. Cancer Cell International, 2020, 20, 535. | 1.8 | 13 |
| 900 | Potential Diagnostic and Prognostic Utility of miR-141, miR-181b1, and miR-23b in Breast Cancer. International Journal of Molecular Sciences, 2020, 21, 8589. | 1.8 | 19 |
| 901 | miR-3677-3p promotes hepatocellular carcinoma progression via inhibiting GSK3β. Acta Biochimica Et Biophysica Sinica, 2020, 52, 1404-1412. | 0.9 | 10 |
| 902 | miR-106a-5p Functions as a Tumor Suppressor by Targeting VEGFA in Renal Cell Carcinoma. Disease Markers, 2020, 2020, 1-7. | 0.6 | 19 |
| 903 | Ready-to-use nanopore platform for the detection of any DNA/RNA oligo at attomole range using an Osmium tagged complementary probe. Scientific Reports, 2020, 10, 19790. | 1.6 | 6 |
| 904 | Structural Insights on Tiny Peptide Nucleic Acid (PNA) Analogues of miRNA-34a: An in silico and Experimental Integrated Approach. Frontiers in Chemistry, 2020, 8, 568575. | 1.8 | 5 |
| 905 | MSC-Derived Exosomes Protect Vertebral Endplate Chondrocytes against Apoptosis and Calcification via the miR-31-5p/ATF6 Axis. Molecular Therapy - Nucleic Acids, 2020, 22, 601-614. | 2.3 | 57 |
| 906 | Nanomaterials for Therapeutic RNA Delivery. Matter, 2020, 3, 1948-1975. | 5.0 | 67 |
| 907 | Effects of Exosomes on Neurological Function Recovery for Ischemic Stroke in Pre-clinical Studies: A Meta-analysis. Frontiers in Cellular Neuroscience, 2020, 14, 593130. | 1.8 | 11 |
| 908 | MicroRNAs and Mammarenaviruses: Modulating Cellular Metabolism. Cells, 2020, 9, 2525. | 1.8 | 2 |
| 909 | Feline Mammary Carcinoma: Past, Present and Future. , 2020, , 419-435. | | 0 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 910 | Luteolin inhibits respiratory syncytial virus replication by regulating the MiR-155/SOCS1/STAT1 signaling pathway. Virology Journal, 2020, 17, 187. | 1.4 | 33 |
| 911 | Changes in microRNA Expression in the Cochlear Nucleus and Inferior Colliculus after Acute Noise-Induced Hearing Loss. International Journal of Molecular Sciences, 2020, 21, 8792. | 1.8 | 9 |
| 912 | Improving the Efficacy of EGFR Inhibitors by Topical Treatment of Cutaneous Squamous Cell Carcinoma with miR-634 Ointment. Molecular Therapy - Oncolytics, 2020, 19, 294-307. | 2.0 | 17 |
| 913 | Overexpression of miR-506-3p Aggravates DBP-Induced Testicular Oxidative Stress in Rats by Downregulating ANXA5 via Nrf2/HO-1 Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13. | 1.9 | 6 |
| 914 | miR-146a Overexpression in Oral Squamous Cell Carcinoma Potentiates Cancer Cell Migration and Invasion Possibly via Targeting HTT. Frontiers in Oncology, 2020, 10, 585976. | 1.3 | 7 |
| 915 | LncRNA MAFG-AS1 Promotes the Progression of Bladder Cancer by Targeting the miR-143-3p/COX-2 Axis. Pathobiology, 2020, 87, 345-355. | 1.9 | 16 |
| 916 | Iron Dysregulation in Human Cancer: Altered Metabolism, Biomarkers for Diagnosis, Prognosis, Monitoring and Rationale for Therapy. Cancers, 2020, 12, 3524. | 1.7 | 24 |
| 917 | Long Non-Coding RNA A2M-AS1 Promotes Breast Cancer Progression by Sponging microRNA-146b to Upregulate MUC19 International Journal of General Medicine, 2020, Volume 13, 1305-1316. | 0.8 | 14 |
| 918 | MicroRNA-148b Inhibits the Malignant Biological Behavior of Melanoma by Reducing Sirtuin 7 Expression Levels. BioMed Research International, 2020, 2020, 1-13. | 0.9 | 3 |
| 919 | The Therapeutic Potential of MicroRNAs in Cancer: Illusion or Opportunity?. Pharmaceuticals, 2020, 13, 438. | 1.7 | 13 |
| 920 | The roles of the gut microbiota–miRNA interaction in the host pathophysiology. Molecular Medicine, 2020, 26, 101. | 1.9 | 45 |
| 921 | microRNA-96 promotes occurrence and progression of colorectal cancer via regulation of the AMPKα2-FTO-m6A/MYC axis. Journal of Experimental and Clinical Cancer Research, 2020, 39, 240. | 3.5 | 88 |
| 922 | Role of miRNAs in Sigmoid Colon Cancer: A Search for Potential Biomarkers. Cancers, 2020, 12, 3311. | 1.7 | 3 |
| 923 | Molecular targeting of vulnerable RNA sequences in SARS CoV-2: identifying clinical feasibility. Gene Therapy, 2022, 29, 304-311. | 2.3 | 17 |
| 924 | Upregulation of MiR-1274a is Correlated with Survival Outcomes and Promotes Cell Proliferation, Migration, and Invasion of Colon Cancer. OncoTargets and Therapy, 2020, Volume 13, 6957-6966. | 1.0 | 5 |
| 925 | Multifunctional Roles of miR-34a in Cancer: A Review with the Emphasis on Head and Neck Squamous Cell Carcinoma and Thyroid Cancer with Clinical Implications. Diagnostics, 2020, 10, 563. | 1.3 | 29 |
| 926 | Progress in the molecular pathogenesis and nucleic acid therapeutics for Parkinson's disease in the precision medicine era. Medicinal Research Reviews, 2020, 40, 2650-2681. | 5.0 | 32 |
| 927 | Epigenetics in Esophageal Cancer: From Mechanisms to Therapeutics. Small Methods, 2020, 4, 2000391. | 4.6 | 6 |

| # | ARTICLE | IF | Citations |
|-----|--|-----|------------|
| 928 | microRNA-524-5p inhibits proliferation and induces cell cycle arrest of osteosarcoma cells via targeting CDK6. Biochemical and Biophysical Research Communications, 2020, 530, 566-573. | 1.0 | 6 |
| 929 | Crosstalk between RNA m6A Modification and Non-coding RNA Contributes to Cancer Growth and Progression. Molecular Therapy - Nucleic Acids, 2020, 22, 62-71. | 2.3 | 59 |
| 930 | Intracellular Nonenzymatic <i>In Situ</i> Growth of Three-Dimensional DNA Nanostructures for Imaging Specific Biomolecules in Living Cells. ACS Nano, 2020, 14, 9572-9584. | 7.3 | 66 |
| 931 | Multiple myeloma: the (r)evolution of current therapy and a glance into future. Haematologica, 2020, 105, 2358-2367. | 1.7 | 7 3 |
| 932 | Pyroptosis and ferroptosis induced by mixed lineage kinase 3 (MLK3) signaling in cardiomyocytes are essential for myocardial fibrosis in response to pressure overload. Cell Death and Disease, 2020, 11, 574. | 2.7 | 112 |
| 933 | SIRT2, a direct target of miRâ€212â€5p, suppresses the proliferation and metastasis of colorectal cancer cells. Journal of Cellular and Molecular Medicine, 2020, 24, 9985-9998. | 1.6 | 17 |
| 934 | Regulation of Long Non-coding RNAs and MicroRNAs in Heart Disease: Insight Into Mechanisms and Therapeutic Approaches. Frontiers in Physiology, 2020, 11 , 798 . | 1.3 | 21 |
| 935 | Identification of prognosis-related genes and construction of multi-regulatory networks in pancreatic cancer microenvironment by bioinformatics analysis. Cancer Cell International, 2020, 20, 341. | 1.8 | 4 |
| 936 | Mitochondrial Sirtuin 3: New emerging biological function and therapeutic target. Theranostics, 2020, 10, 8315-8342. | 4.6 | 213 |
| 937 | Identification of miR-135b as a novel regulator of $TGF\hat{l}^2$ pathway in gastric cancer. Journal of Physiology and Biochemistry, 2020, 76, 549-560. | 1.3 | 5 |
| 938 | Development of MicroRNAs as Potential Therapeutics against Cancer. Journal of Oncology, 2020, 2020, 1-14. | 0.6 | 49 |
| 939 | LncRNA CYTOR promotes pancreatic cancer cell proliferation and migration by sponging miR-205-5p. Pancreatology, 2020, 20, 1139-1148. | 0.5 | 29 |
| 940 | sTAM: An Online Tool for the Discovery of miRNA-Set Level Disease Biomarkers. Molecular Therapy - Nucleic Acids, 2020, 21, 670-675. | 2.3 | 3 |
| 941 | miRNAs in Health and Disease: A Focus on the Breast Cancer Metastatic Cascade towards the Brain. Cells, 2020, 9, 1790. | 1.8 | 14 |
| 942 | The new horizon of liquid biopsy in sarcoma: the potential utility of circulating tumor nucleic acids. Journal of Cancer, 2020, 11, 5293-5308. | 1.2 | 12 |
| 943 | The <i>miR-370</i> /i>/UQCRC2 axis facilitates tumorigenesis by regulating epithelial-mesenchymal transition in Gastric Cancer. Journal of Cancer, 2020, 11, 5042-5055. | 1.2 | 10 |
| 944 | Nanomedicine Revisited: Next Generation Therapies for Brain Cancer. Advanced Therapeutics, 2020, 3, 2000118. | 1.6 | 14 |
| 945 | Coordinated AR and microRNA regulation in prostate cancer. Asian Journal of Urology, 2020, 7, 233-250. | 0.5 | 14 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 946 | Hsa-miR-4271 downregulates the expression of constitutive androstane receptor and enhances in vivo the sensitivity of non-small cell lung cancer to gefitinib. Pharmacological Research, 2020, 161, 105110. | 3.1 | 22 |
| 947 | A Janus 3D DNA nanomachine for simultaneous and sensitive fluorescence detection and imaging of dual microRNAs in cancer cells. Chemical Science, 2020, 11, 8482-8488. | 3.7 | 68 |
| 948 | Luciferase reporter assay for small-molecule inhibitors of MIR92b-3p function: Screening cyanopeptolins produced by Nostoc from the Baltic Sea. Toxicology in Vitro, 2020, 68, 104951. | 1.1 | 7 |
| 949 | Emerging role of FBXO22 in carcinogenesis. Cell Death Discovery, 2020, 6, 66. | 2.0 | 20 |
| 950 | Comprehensive Analysis of the Roles and Prognostic Value of RNA-Binding Proteins in Head and Neck Squamous Cell Carcinoma. DNA and Cell Biology, 2020, 39, 1789-1798. | 0.9 | 7 |
| 951 | miR-125 family regulates XIRP1 and FIH in response to myocardial infarction. Physiological Genomics, 2020, 52, 358-368. | 1.0 | 1 |
| 952 | The impact of ATP-binding cassette transporters on metabolic diseases. Nutrition and Metabolism, 2020, 17, 61. | 1.3 | 37 |
| 953 | MiR-124-3p reduces angiotensin II-dependent hypertension by down-regulating EGR1. Journal of Human Hypertension, 2021, 35, 696-708. | 1.0 | 16 |
| 954 | MicroRNA-31 regulates dental epithelial cell proliferation by targeting Satb2. Biochemical and Biophysical Research Communications, 2020, 532, 321-328. | 1.0 | 3 |
| 955 | <p>Long Non-Coding RNA NLIPMT as a Tumor Suppressor and Inhibitor of Cell Proliferation and Metastasis in Papillary Thyroid Carcinoma</p> . Cancer Management and Research, 2020, Volume 12, 10311-10319. | 0.9 | 3 |
| 956 | miR-766-3p Targeting BCL9L Suppressed Tumorigenesis, Epithelial-Mesenchymal Transition, and Metastasis Through the $\hat{1}^2$ -Catenin Signaling Pathway in Osteosarcoma Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 594135. | 1.8 | 11 |
| 957 | Effects of miR-373 Inhibition on Glioblastoma Growth by Reducing Limk1 In Vitro. Journal of Immunology Research, 2020, 2020, 1-9. | 0.9 | 5 |
| 958 | <p>Hsa_circ_0084927 Regulates Cervical Cancer Advancement via Regulation of the miR-634/TPD52 Axis</p> . Cancer Management and Research, 2020, Volume 12, 9435-9448. | 0.9 | 10 |
| 959 | Ultrasound targeted microbubble destruction assisted exosomal delivery of miR-21 protects the heart from chemotherapy associated cardiotoxicity. Biochemical and Biophysical Research Communications, 2020, 532, 60-67. | 1.0 | 26 |
| 960 | Part One: Extracellular Vesicles as Valuable Players in Diabetic Cardiovascular Diseases., 2020,,. | | 4 |
| 961 | miR-224 targets BTRC and promotes cell migration and invasion in colorectal cancer. 3 Biotech, 2020, 10, 485. | 1.1 | 11 |
| 962 | LINCO1315 Impairs microRNA-211-Dependent DLG3 Downregulation to Inhibit the Development of Oral Squamous Cell Carcinoma. Frontiers in Oncology, 2020, 10, 556084. | 1.3 | 14 |
| 963 | The Effects of Single Nucleotide Polymorphisms in Cancer RNAi Therapies. Cancers, 2020, 12, 3119. | 1.7 | 6 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 964 | Unravelling the Epigenome of Myelodysplastic Syndrome: Diagnosis, Prognosis, and Response to Therapy. Cancers, 2020, 12, 3128. | 1.7 | 12 |
| 965 | Uncovering epigenetic landscape: a new path for biomarkers identification and drug development. Molecular Biology Reports, 2020, 47, 9097-9122. | 1.0 | 4 |
| 966 | SP1 activated-IncRNA SNHG1 mediates the development of epilepsy via miR-154-5p/TLR5 axis. Epilepsy Research, 2020, 168, 106476. | 0.8 | 15 |
| 967 | MiR-506-3p suppresses papillary thyroid cancer cells tumorigenesis by targeting YAP1. Pathology Research and Practice, 2020, 216, 153231. | 1.0 | 20 |
| 968 | Paving the Road for RNA Therapeutics. Trends in Pharmacological Sciences, 2020, 41, 755-775. | 4.0 | 152 |
| 969 | Prefrontal cortex miRâ€874â€3p prevents lipopolysaccharideâ€induced depressionâ€like behavior through inhibition of indoleamine 2,3â€dioxygenase 1 expression in mice. Journal of Neurochemistry, 2021, 157, 1963-1978. | 2.1 | 13 |
| 970 | Characterization of a non oding RNAâ€associated ceRNA network in metastatic lung adenocarcinoma. Journal of Cellular and Molecular Medicine, 2020, 24, 11680-11690. | 1.6 | 7 |
| 971 | Soluble ligands as drug targets. Nature Reviews Drug Discovery, 2020, 19, 695-710. | 21.5 | 63 |
| 972 | The Regulatory Role of Mitochondrial MicroRNAs (MitomiRs) in Breast Cancer: Translational Implications Present and Future. Cancers, 2020, 12, 2443. | 1.7 | 28 |
| 973 | Tumor Suppressor Role of hsa-miR-193a-3p and -5p in Cutaneous Melanoma. International Journal of Molecular Sciences, 2020, 21, 6183. | 1.8 | 16 |
| 974 | Computational Methods and Software Tools for Functional Analysis of miRNA Data. Biomolecules, 2020, 10, 1252. | 1.8 | 10 |
| 975 | Silencing microRNA-210 in Hypoxia-Induced HUVEC-Derived Extracellular Vesicles Inhibits Hemangioma. Cerebrovascular Diseases, 2020, 49, 462-473. | 0.8 | 4 |
| 976 | <p>Extracellular Vesicles – Advanced Nanocarriers in Cancer Therapy: Progress and Achievements</p> . International Journal of Nanomedicine, 2020, Volume 15, 6485-6502. | 3.3 | 38 |
| 977 | Tumor-triggered personalized microRNA cocktail therapy for hepatocellular carcinoma. Biomaterials Science, 2020, 8, 6579-6591. | 2.6 | 14 |
| 978 | The Role of miR-107 as a Potential Biomarker and Cellular Factor for Acute Aortic Dissection. DNA and Cell Biology, 2020, 39, 1895-1906. | 0.9 | 12 |
| 979 | MiRâ€335â€5p inhibits the progression of head and neck squamous cell carcinoma by targeting MAP3K2. FEBS Open Bio, 2020, 10, 2282-2293. | 1.0 | 0 |
| 980 | miR-196b-5p-mediated downregulation of FAS promotes NSCLC progression by activating IL6-STAT3 signaling. Cell Death and Disease, 2020, 11, 785. | 2.7 | 21 |
| 981 | LncRNA BCYRN1 inhibits glioma tumorigenesis by competitively binding with miR-619-5p to regulate CUEDC2 expression and the PTEN/AKT/p21 pathway. Oncogene, 2020, 39, 6879-6892. | 2.6 | 71 |

| # | Article | IF | Citations |
|-----|---|-----|-----------|
| 982 | Updates on the epidemiology, pathogenesis, diagnosis, and management of postinfectious irritable bowel syndrome. Current Opinion in Infectious Diseases, 2020, 33, 411-418. | 1.3 | 6 |
| 983 | The effect of miRNA and autophagy on colorectal cancer. Cell Proliferation, 2020, 53, e12900. | 2.4 | 43 |
| 984 | MicroRNA-18a-5p mitigates oxygen-glucose-deprivation/reoxygenation-induced injury through suppression of TLRs/NF-ÎB signaling by targeting TLR8 in PC12 cells. Bioscience, Biotechnology and Biochemistry, 2020, 84, 2476-2483. | 0.6 | 4 |
| 985 | MicroRNAs: At the Interface of Metabolic Pathways and Inflammatory Responses by Macrophages. Frontiers in Immunology, 2020, 11, 1797. | 2.2 | 22 |
| 986 | Epigenetic plasticity in metastatic dormancy: mechanisms and therapeutic implications. Annals of Translational Medicine, 2020, 8, 903-903. | 0.7 | 10 |
| 987 | Circulating MicroRNAs as Prognostic and Therapeutic Biomarkers in Breast Cancer Molecular Subtypes. Journal of Personalized Medicine, 2020, 10, 98. | 1.1 | 16 |
| 988 | microRNAs and Corresponding Targets Involved in Metastasis of Colorectal Cancer in Preclinical In Vivo Models. Cancer Genomics and Proteomics, 2020, 17, 453-468. | 1.0 | 2 |
| 989 | Downregulation of lncRNA XIST Represses Tumor Growth and Boosts Radiosensitivity of Neuroblastoma via Modulation of the miR-375/L1CAM Axis. Neurochemical Research, 2020, 45, 2679-2690. | 1.6 | 18 |
| 990 | miR-424-5p regulates cell proliferation and migration of esophageal squamous cell carcinoma by targeting SIRT4. Journal of Cancer, 2020, 11, 6337-6347. | 1.2 | 15 |
| 991 | Regulation of Skeletal Muscle Atrophy in Cachexia by MicroRNAs and Long Non-coding RNAs. Frontiers in Cell and Developmental Biology, 2020, 8, 577010. | 1.8 | 16 |
| 992 | Characterization and functional prediction of the microRNAs differentially expressed in a mouse model of concanavalin A-induced autoimmune hepatitis. International Journal of Medical Sciences, 2020, 17, 2312-2327. | 1.1 | 9 |
| 993 | Noncovalent Stabilization of Vesicular Polyion Complexes with Chemically Modified/Single-Stranded Oligonucleotides and PEG- <i>b</i> guanidinylated Polypeptides for Intracavity Encapsulation of Effector Enzymes Aimed at Cooperative Gene Knockdown. Biomacromolecules, 2020, 21, 4365-4376. | 2.6 | 17 |
| 994 | RNA Drugs and RNA Targets for Small Molecules: Principles, Progress, and Challenges. Pharmacological Reviews, 2020, 72, 862-898. | 7.1 | 192 |
| 995 | Natural antisense transcripts in the biological hallmarks of cancer: powerful regulators hidden in the dark. Journal of Experimental and Clinical Cancer Research, 2020, 39, 187. | 3.5 | 34 |
| 996 | Dual Effects of Non-Coding RNAs (ncRNAs) in Cancer Stem Cell Biology. International Journal of Molecular Sciences, 2020, 21, 6658. | 1.8 | 18 |
| 997 | Identification of a novel subgroup of endometrial cancer patients with loss of thyroid hormone receptor beta expression and improved survival. BMC Cancer, 2020, 20, 857. | 1.1 | 6 |
| 998 | Modified nucleic acids: replication, evolution, and next-generation therapeutics. BMC Biology, 2020, 18, 112. | 1.7 | 77 |
| 999 | Long non-coding RNA GASL1 restrains gastric carcinoma cell proliferation and metastasis by sponging microRNA-106a. Cell Cycle, 2020, 19, 2611-2621. | 1.3 | 4 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1000 | Tissue microRNA expression profiling in hepatic and pulmonary metastatic melanoma. Melanoma Research, 2020, 30, 455-464. | 0.6 | 4 |
| 1001 | Impact of mirna-21 on survival prognosis in patients with pancreatic cancer. Medicine (United States), 2020, 99, e22045. | 0.4 | 8 |
| 1002 | Extracellular Vesicles: New Endogenous Shuttles for miRNAs in Cancer Diagnosis and Therapy?. International Journal of Molecular Sciences, 2020, 21, 6486. | 1.8 | 36 |
| 1003 | A miR-210-3p regulon that controls the Warburg effect by modulating HIF- $1\hat{l}\pm$ and p53 activity in triple-negative breast cancer. Cell Death and Disease, 2020, 11, 731. | 2.7 | 64 |
| 1004 | Diagnostic and Prognostic Value of Serum miR-296-5p and miR-28-3p in Human Gastric Cancer. Cancer Biotherapy and Radiopharmaceuticals, 2023, 38, 95-101. | 0.7 | 8 |
| 1005 | MicroRNAs in Chronic Kidney Disease: Four Candidates for Clinical Application. International Journal of Molecular Sciences, 2020, 21, 6547. | 1.8 | 42 |
| 1006 | The Role of Non-Coding RNAs as Prognostic Factor, Predictor of Drug Response or Resistance and Pharmacological Targets, in the Cutaneous Squamous Cell Carcinoma. Cancers, 2020, 12, 2552. | 1.7 | 16 |
| 1007 | miR-550-1 functions as a tumor suppressor in acute myeloid leukemia via the hippo signaling pathway. International Journal of Biological Sciences, 2020, 16, 2853-2867. | 2.6 | 11 |
| 1008 | CircRNAs in anticancer drug resistance: recent advances and future potential. Molecular Cancer, 2020, 19, 127. | 7.9 | 68 |
| 1009 | Lowâ€magnitude vibration induces osteogenic differentiation of bone marrow mesenchymal stem cells via miRâ€378aâ€3p/Grb2 pathway to promote bone formation in a rat model of ageâ€related bone loss. FASEB Journal, 2020, 34, 11754-11771. | 0.2 | 13 |
| 1010 | ACTA2â€AS1 suppresses lung adenocarcinoma progression via sequestering miRâ€378aâ€3p and miRâ€4428 to elevate SOX7 expression. Cell Biology International, 2020, 44, 2438-2449. | 1.4 | 15 |
| 1011 | Differential transcriptome analysis in HPV-positive and HPV-negative cervical cancer cells through CRISPR knockout of miR-214. Journal of Biosciences, 2020, 45, 1. | 0.5 | 2 |
| 1012 | RNA: Opening New Doors in Medicinal Chemistry. ACS Medicinal Chemistry Letters, 2020, 11, 1659-1660. | 1.3 | 1 |
| 1013 | Silenced Myeloblastosis Protein Suppresses Oral Tongue Squamous Cell Carcinoma via the microRNA-130a/Cylindromatosis Axis. Cancer Management and Research, 2020, Volume 12, 6935-6946. | 0.9 | 2 |
| 1014 | Anticancer Strategy Targeting Cell Death Regulators: Switching the Mechanism of Anticancer Floxuridine-Induced Cell Death from Necrosis to Apoptosis. International Journal of Molecular Sciences, 2020, 21, 5876. | 1.8 | 14 |
| 1015 | Regulation of Oncogenic Targets by the Tumor-Suppressive miR-139 Duplex (miR-139-5p and miR-139-3p) in Renal Cell Carcinoma. Biomedicines, 2020, 8, 599. | 1.4 | 15 |
| 1016 | MicroRNAs in Several Cutaneous Autoimmune Diseases: Psoriasis, Cutaneous Lupus Erythematosus and Atopic Dermatitis. Cells, 2020, 9, 2656. | 1.8 | 24 |
| 1017 | Tailoring of silica-based nanoporous pod by spermidine multi-activity. Scientific Reports, 2020, 10, 21142. | 1.6 | 5 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1018 | MiR-4310 induced by SP1 targets PTEN to promote glioma progression. Cancer Cell International, 2020, 20, 567. | 1.8 | 11 |
| 1019 | Aberrant miR-219-5p is correlated with TLR4 and serves as a novel biomarker in patients with multiple organ dysfunction syndrome caused by acute paraquat poisoning. International Journal of Immunopathology and Pharmacology, 2020, 34, 205873842097488. | 1.0 | 4 |
| 1020 | Developing a diagnostic method for latent tuberculosis infection using circulating miRNA. Translational Medicine Communications, 2020, 5, . | 0.5 | 5 |
| 1021 | The Multifaceted Roles of MicroRNAs in Cystic Fibrosis. Diagnostics, 2020, 10, 1102. | 1.3 | 13 |
| 1022 | Increased miR-142 Levels in Plasma and Atherosclerotic Plaques from Peripheral Artery Disease Patients with Post-Surgery Cardiovascular Events. International Journal of Molecular Sciences, 2020, 21, 9600. | 1.8 | 11 |
| 1023 | MicroRNAs at the Crossroad of the Dichotomic Pathway Cell Death vs. Stemness in Neural Somatic and Cancer Stem Cells: Implications and Therapeutic Strategies. International Journal of Molecular Sciences, 2020, 21, 9630. | 1.8 | 1 |
| 1024 | Identification and validation of a miRNA-based prognostic signature for cervical cancer through an integrated bioinformatics approach. Scientific Reports, 2020, 10, 22270. | 1.6 | 11 |
| 1025 | Synthetic Artificial Long Non-coding RNA Shows Higher Efficiency in Specific Malignant Phenotype Inhibition Compared to the CRISPR/Cas Systems. Frontiers in Molecular Biosciences, 2020, 7, 617600. | 1.6 | 8 |
| 1026 | Progress in systemic co-delivery of microRNAs and chemotherapeutics for cancer treatment by using lipid-based nanoparticles. Therapeutic Delivery, 2020, 11, 591-603. | 1.2 | 13 |
| 1027 | NF-κB-mediated IncRNA AC007271.3 promotes carcinogenesis of oral squamous cell carcinoma by regulating miR-125b-2-3p/Slug. Cell Death and Disease, 2020, 11, 1055. | 2.7 | 14 |
| 1028 | Premature MicroRNA-Based Therapeutic: A "One-Two Punch―against Cancers. Cancers, 2020, 12, 3831. | 1.7 | 3 |
| 1029 | Non-coding RNAs as Regulators of Cellular Senescence in Idiopathic Pulmonary Fibrosis and Chronic Obstructive Pulmonary Disease. Frontiers in Medicine, 2020, 7, 603047. | 1.2 | 13 |
| 1030 | MicroRNA-9 as a paradoxical but critical regulator of cancer metastasis: Implications in personalized medicine. Genes and Diseases, 2021, 8, 759-768. | 1.5 | 5 |
| 1031 | The pHLIP system as a vehicle for microRNAs in the kidney. Nefrologia, 2020, 40, 491-498. | 0.2 | 1 |
| 1032 | Role of microRNAs in inflammatory upper airway diseases. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1967-1980. | 2.7 | 14 |
| 1033 | MicroRNA-219c-5p regulates bladder fibrosis by targeting FN1. BMC Urology, 2020, 20, 193. | 0.6 | 16 |
| 1034 | Strategies for Targeting Gene Therapy in Cancer Cells With Tumor-Specific Promoters. Frontiers in Oncology, 2020, 10, 605380. | 1.3 | 72 |
| 1035 | Gastrodin promotes CNS myelination via a lncRNA Gm7237/miR-142a/MRF pathway. RNA Biology, 2021, 18, 1-12. | 1.5 | 6 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1036 | <p>Functional Analysis of the $3\hat{E}^1$ Untranslated Region of the Human GRIN1 Gene in Regulating Gene Expression in vitro</p>. Neuropsychiatric Disease and Treatment, 2020, Volume 16, 2361-2370. | 1.0 | 5 |
| 1037 | <p>Propofol Inhibits Proliferation and Invasion of Stomach Cancer Cells by Regulating miR-205/YAP1 Axis</p> . Cancer Management and Research, 2020, Volume 12, 10771-10779. | 0.9 | 4 |
| 1038 | A novel miRâ€82 target PA2G4 and FHL3 checking myocardial ischemia. Clinical and Translational Medicine, 2020, 10, e179. | 1.7 | 1 |
| 1039 | 1, 6-O, O-Diacetylbritannilactone from Inula britannica Induces Anti-Tumor Effect on Oral Squamous Cell Carcinoma via miR-1247-3p/LXRα/ABCA1 Signaling. OncoTargets and Therapy, 2020, Volume 13, 11097-11109. | 1.0 | 5 |
| 1040 | The multifaceted roles of microRNAs in differentiation. Current Opinion in Cell Biology, 2020, 67, 118-140. | 2.6 | 45 |
| 1041 | miR-362-3p suppresses sinonasal squamous cell carcinoma progression via directly targeting pituitary tumor-transforming gene 1. Journal of Receptor and Signal Transduction Research, 2020, , 1-9. | 1.3 | 4 |
| 1042 | CDK6 inhibition targeted by miR-378a-3p protects against intestinal injury induced by ionizing radiation. Biochemical and Biophysical Research Communications, 2020, 531, 328-334. | 1.0 | 8 |
| 1043 | Suppression of IncRNA MALAT1 by betulinic acid inhibits hepatocellular carcinoma progression by targeting IAPs via miRâ€22â€3p. Clinical and Translational Medicine, 2020, 10, e190. | 1.7 | 35 |
| 1045 | MiR-143-3p targets ATG2B to inhibit autophagy and promote endothelial progenitor cells tube formation in deep vein thrombosis. Tissue and Cell, 2020, 67, 101453. | 1.0 | 6 |
| 1046 | miR-451a suppresses the development of breast cancer via targeted inhibition of CCND2. Molecular and Cellular Probes, 2020, 54, 101651. | 0.9 | 6 |
| 1047 | Hepatitis C Virus and Hepatocellular Carcinoma: When the Host Loses Its Grip. International Journal of Molecular Sciences, 2020, 21, 3057. | 1.8 | 45 |
| 1048 | MicroRNAs-Based Nano-Strategies as New Therapeutic Approach in Multiple Myeloma to Overcome Disease Progression and Drug Resistance. International Journal of Molecular Sciences, 2020, 21, 3084. | 1.8 | 42 |
| 1049 | Melatonin ameliorates aortic valve calcification <i>via</i> the regulation of circular RNA CircRIC3/miRâ€204â€5p/DPP4 signaling in valvular interstitial cells. Journal of Pineal Research, 2020, 69, e12666. | 3.4 | 38 |
| 1050 | circNFIB1 inhibits lymphangiogenesis and lymphatic metastasis via the miR-486-5p/PIK3R1/VEGF-C axis in pancreatic cancer. Molecular Cancer, 2020, 19, 82. | 7.9 | 108 |
| 1051 | Anti-inflammatory glucocorticoid action: genomic insights and emerging concepts. Current Opinion in Pharmacology, 2020, 53, 35-44. | 1.7 | 22 |
| 1052 | MiR-27b-3p exerts tumor suppressor effects in esophageal squamous cell carcinoma by targeting Nrf2. Human Cell, 2020, 33, 641-651. | 1.2 | 21 |
| 1053 | Challenges identifying efficacious miRNA therapeutics for cancer. Expert Opinion on Drug Discovery, 2020, 15, 987-991. | 2.5 | 111 |
| 1054 | MiR-27a-3p Regulated the Aggressive Phenotypes of Cervical Cancer by Targeting FBXW7. Cancer Management and Research, 2020, Volume 12, 2925-2935. | 0.9 | 12 |

| # | Article | IF | Citations |
|------|--|-----|-----------|
| 1055 | <p>Downregulation of miR-575 Inhibits the Tumorigenesis of Gallbladder Cancer via Targeting p27 Kip1</p> . OncoTargets and Therapy, 2020, Volume 13, 3667-3676. | 1.0 | 8 |
| 1056 | Non-Coding RNAs: Regulating Disease Progression and Therapy Resistance in Hepatocellular Carcinoma. Cancers, 2020, 12, 1243. | 1.7 | 11 |
| 1057 | Loss of <scp>microRNA</scp> â€21 leads to profound stromal remodeling and short survival in <scp>Kâ€Ras</scp> â€driven mouse models of pancreatic cancer. International Journal of Cancer, 2020, 147, 2265-2278. | 2.3 | 14 |
| 1058 | LINC00958 Involves in Bladder Cancer Through Sponging miR-378a-3p to Elevate IGF1R. Cancer Biotherapy and Radiopharmaceuticals, 2020, 35, 776-788. | 0.7 | 17 |
| 1059 | MiR-210-3p Inhibits Proliferation and Migration of C6 Cells by Targeting Iscu. Neurochemical Research, 2020, 45, 1813-1824. | 1.6 | 6 |
| 1060 | Delivery of RNAi-Based Therapeutics for Bone Regeneration. Current Osteoporosis Reports, 2020, 18, 312-324. | 1.5 | 17 |
| 1061 | The versatile roles and clinical implications of exosomal mRNAs and microRNAs in cancer. International Journal of Biological Markers, 2020, 35, 3-19. | 0.7 | 6 |
| 1062 | miR-107 inhibited malignant biological behavior of non-small cell lung cancer cells by regulating the STK33/ERK signaling pathway in vivo and vitro. Journal of Thoracic Disease, 2020, 12, 1540-1551. | 0.6 | 15 |
| 1063 | Prognostic value of miR-892a in gastric cancer and its regulatory effect on tumor progression. Cancer Biomarkers, 2020, 28, 247-254. | 0.8 | 3 |
| 1064 | Functional Landscape of Dysregulated MicroRNAs in Oral Squamous Cell Carcinoma: Clinical Implications. Frontiers in Oncology, 2020, 10, 619. | 1.3 | 27 |
| 1065 | The current state of MiRNAs as biomarkers and therapeutic tools. Clinical and Experimental Medicine, 2020, 20, 349-359. | 1.9 | 41 |
| 1066 | Downregulation of LINC00665 confers decreased cell proliferation and invasion via the miR-138-5p/E2F3 signaling pathway in NSCLC. Biomedicine and Pharmacotherapy, 2020, 127, 110214. | 2.5 | 22 |
| 1067 | Natural polyphenol assisted delivery of single-strand oligonucleotides by cationic polymers. Gene Therapy, 2020, 27, 383-391. | 2.3 | 27 |
| 1068 | SNHG7 Facilitates Hepatocellular Carcinoma Occurrence by Sequestering miR-9-5p to Upregulate CNNM1 Expression. Cancer Biotherapy and Radiopharmaceuticals, 2020, 35, 731-740. | 0.7 | 10 |
| 1069 | Regulation of cell growth and migration by miR-96 and miR-183 in a breast cancer model of epithelial-mesenchymal transition. PLoS ONE, 2020, 15, e0233187. | 1.1 | 10 |
| 1070 | Trametes robiniophila Murr in the treatment of breast cancer. Biomedicine and Pharmacotherapy, 2020, 128, 110254. | 2.5 | 12 |
| 1071 | CD47: the next checkpoint target for cancer immunotherapy. Critical Reviews in Oncology/Hematology, 2020, 152, 103014. | 2.0 | 52 |
| 1072 | Hexokinase II-Derived Cell-Penetrating Peptide Mediates Delivery of MicroRNA Mimic for Cancer-Selective Cytotoxicity. Biochemistry, 2020, 59, 2259-2273. | 1.2 | 13 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1073 | Harnessing helminth-driven immunoregulation in the search for novel therapeutic modalities. PLoS Pathogens, 2020, 16, e1008508. | 2.1 | 79 |
| 1074 | LncRNA <i>DDX11-AS1</i> Promotes Bladder Cancer Occurrence Via Protecting <i>LAMB3</i> from Downregulation by Sponging <i>miR-2355-5p</i> Cancer Biotherapy and Radiopharmaceuticals, 2020, 35, 319-328. | 0.7 | 21 |
| 1075 | Inhibition of miR-21 Regulates Mutant KRAS Effector Pathways and Intercepts Pancreatic Ductal Adenocarcinoma Development. Cancer Prevention Research, 2020, 13, 569-582. | 0.7 | 14 |
| 1076 | LncRNA-599554 sponges miR-15a-5p to contribute inductive ability of dermal papilla cells through positive regulation of the expression of Wnt3a in cashmere goat. Electronic Journal of Biotechnology, 2020, 45, 19-29. | 1.2 | 1 |
| 1077 | Nanocomposites drug delivery systems for the healing of bone fractures. International Journal of Pharmaceutics, 2020, 585, 119477. | 2.6 | 26 |
| 1078 | Noncoding Y RNAs regulate the levels, subcellular distribution and protein interactions of their Ro60 autoantigen partner. Nucleic Acids Research, 2020, 48, 6919-6930. | 6.5 | 8 |
| 1079 | Tailoring drug and gene codelivery nanosystems for glioblastoma treatment., 2020, , 141-182. | | 1 |
| 1080 | Predicting miRNA-based disease-disease relationships through network diffusion on multi-omics biological data. Scientific Reports, 2020, 10, 8705. | 1.6 | 16 |
| 1081 | Three-dimensional DNA tweezers serve as modular DNA intelligent machines for detection and regulation of intracellular microRNA. Science Advances, 2020, 6, eabb0695. | 4.7 | 41 |
| 1082 | Circular RNA circ-MAT2B facilitates glycolysis and growth of gastric cancer through regulating the miR-515-5p/HIF-1α axis. Cancer Cell International, 2020, 20, 171. | 1.8 | 37 |
| 1083 | Identification of IncRNA-associated ceRNA network in high-grade serous ovarian cancer metastasis. Epigenomics, 2020, 12, 1175-1191. | 1.0 | 6 |
| 1084 | Overexpressed circ-RPL15 predicts poor survival and promotes the progression of gastric cancer via regulating miR-502-3p/OLFM4/STAT3 pathway. Biomedicine and Pharmacotherapy, 2020, 127, 110219. | 2.5 | 20 |
| 1085 | Inhibition of miR-450b-5p ameliorates hepatic ischemia/reperfusion injury via targeting CRYAB. Cell Death and Disease, 2020, 11, 455. | 2.7 | 43 |
| 1086 | MicroRNA-128-3p Enhances the Chemosensitivity of Temozolomide in Glioblastoma by Targeting c-Met and EMT. Scientific Reports, 2020, 10, 9471. | 1.6 | 37 |
| 1087 | miR-544a Stimulates endometrial carcinoma growth via targeted inhibition of reversion-inducing cysteine-rich protein with Kazal motifs. Molecular and Cellular Probes, 2020, 53, 101572. | 0.9 | 5 |
| 1088 | SNHG11 contributes to NSCLC cell growth and migration by targeting miR-485-5p/BSG axis. Biomedicine and Pharmacotherapy, 2020, 128, 110324. | 2.5 | 18 |
| 1089 | MicroRNA-17-5p regulates EMT by targeting vimentin in colorectal cancer. British Journal of Cancer, 2020, 123, 1123-1130. | 2.9 | 44 |
| 1090 | miR-331-3p Inhibits Inflammatory Response after Intracerebral Hemorrhage by Directly Targeting NLRP6. BioMed Research International, 2020, 2020, 1-13. | 0.9 | 22 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1091 | Non-coding RNAs in cancer: platforms and strategies for investigating the genomic "dark matter― Journal of Experimental and Clinical Cancer Research, 2020, 39, 117. | 3.5 | 137 |
| 1092 | Pathobiological and molecular connections involved in the high fructose and high fat diet induced diabetes associated nonalcoholic fatty liver disease. Inflammation Research, 2020, 69, 851-867. | 1.6 | 7 |
| 1093 | Photocontrolled miR-148b nanoparticles cause apoptosis, inflammation and regression of Ras induced epidermal squamous cell carcinomas in mice. Biomaterials, 2020, 256, 120212. | 5.7 | 16 |
| 1094 | MicroRNA-181a as novel liquid biopsy marker of central nervous system involvement in pediatric acute lymphoblastic leukemia. Journal of Translational Medicine, 2020, 18, 250. | 1.8 | 19 |
| 1095 | <p>Toosendanin Suppresses Glioma Progression Property and Induces Apoptosis by Regulating miR-608/Notch Axis</p> . Cancer Management and Research, 2020, Volume 12, 3419-3431. | 0.9 | 16 |
| 1096 | Construction of a Competitive Endogenous RNA Network for Pancreatic Adenocarcinoma Based on Weighted Gene Co-expression Network Analysis and a Prognosis Model. Frontiers in Bioengineering and Biotechnology, 2020, 8, 515. | 2.0 | 4 |
| 1097 | Long Noncoding RNAs Involved in the Endocrine Therapy Resistance of Breast Cancer. Cancers, 2020, 12, 1424. | 1.7 | 13 |
| 1098 | Chemical Knockdown of MicroRNA with Smallâ€Molecule Chimeras. ChemBioChem, 2020, 21, 3180-3185. | 1.3 | 2 |
| 1099 | A versatile luminescent resonance energy transfer (LRET)-based ratiometric upconversion nanoprobe for intracellular miRNA biosensing. Journal of Materials Chemistry B, 2020, 8, 5952-5961. | 2.9 | 22 |
| 1100 | Biomarker roles identification of miR-106 family for predicting the risk and poor survival of colorectal cancer. BMC Cancer, 2020, 20, 506. | 1.1 | 16 |
| 1101 | Metabolic Escape Routes of Cancer Stem Cells and Therapeutic Opportunities. Cancers, 2020, 12, 1436. | 1.7 | 15 |
| 1102 | Upregulation of microRNA-1303 is a potential prognostic marker of non-small cell lung cancer. Cancer Biomarkers, 2020, 28, 439-446. | 0.8 | 10 |
| 1103 | Restoration of miR-340 controls pancreatic cancer cell <i>CD47</i> expression to promote macrophage phagocytosis and enhance antitumor immunity., 2020, 8, e000253. | | 33 |
| 1104 | The functional role of long noncoding RNA in resistance to anticancer treatment. Therapeutic Advances in Medical Oncology, 2020, 12, 175883592092785. | 1.4 | 30 |
| 1105 | KRAS Mutation-Responsive miR-139-5p inhibits Colorectal Cancer Progression and is repressed by Wnt Signaling. Theranostics, 2020, 10, 7335-7350. | 4.6 | 40 |
| 1106 | Radiation-induced Adaptive Response: New Potential for Cancer Treatment. Clinical Cancer Research, 2020, 26, 5781-5790. | 3.2 | 30 |
| 1107 | MiR-1193 Inhibits the Malignancy of Cervical Cancer Cells by Targeting Claudin 7 (CLDN7) OncoTargets and Therapy, 2020, Volume 13, 4349-4358. | 1.0 | 6 |
| 1108 | MicroRNA-335-5p and Gastrointestinal Tumors., 0, , . | | O |

| # | Article | IF | CITATIONS |
|------|---|-------------|-----------|
| 1109 | HCG18/miR-34a-5p/HMMR axis accelerates the progression of lung adenocarcinoma. Biomedicine and Pharmacotherapy, 2020, 129, 110217. | 2.5 | 50 |
| 1110 | A novel serum metabolome score for breast cancer diagnosis. British Journal of Biomedical Science, 2020, 77, 196-201. | 1.2 | 9 |
| 1111 | One-step isothermal RNA detection with LNA-modified MNAzymes chaperoned by cationic copolymer. Biosensors and Bioelectronics, 2020, 165, 112383. | 5. 3 | 15 |
| 1112 | LncRNA-SARCC sensitizes osteosarcoma to cisplatin through the miR-143-mediated glycolysis inhibition by targeting HexokinaseÂ2. Cancer Biomarkers, 2020, 28, 231-246. | 0.8 | 31 |
| 1113 | miR-128 Regulates Tumor Cell CD47 Expression and Promotes Anti-tumor Immunity in Pancreatic Cancer. Frontiers in Immunology, 2020, 11, 890. | 2.2 | 28 |
| 1114 | Extracellular Vesicles of Human Periodontal Ligament Stem Cells Contain MicroRNAs Associated to Proto-Oncogenes: Implications in Cytokinesis. Frontiers in Genetics, 2020, 11, 582. | 1.1 | 16 |
| 1115 | Epigenetic Therapies in the Precision Medicine Era. Advanced Therapeutics, 2020, 3, 1900184. | 1.6 | 1 |
| 1116 | LncRNAâ€XIST promotes the oxidative stressâ€induced migration, invasion, and epithelialâ€toâ€mesenchymal transition of osteosarcoma cancer cells through miRâ€153â€SNAI1 axis. Cell Biology International, 2020, 44, 1991-2001. | 1.4 | 28 |
| 1117 | Downregulation of KIAA1199 by miRâ€486â€5p suppresses tumorigenesis in lung cancer. Cancer Medicine, 2020, 9, 5570-5586. | 1.3 | 18 |
| 1118 | Hepatocellular carcinoma cell-derived extracellular vesicles encapsulated microRNA-584-5p facilitates angiogenesis through PCK1-mediated nuclear factor E2-related factor 2 signaling pathway. International Journal of Biochemistry and Cell Biology, 2020, 125, 105789. | 1.2 | 15 |
| 1119 | What is the potential function of microRNAs as biomarkers and therapeutic targets in COVID-19?. Infection, Genetics and Evolution, 2020, 85, 104417. | 1.0 | 55 |
| 1120 | Mesenchymal stem cell-derived extracellular vesicle-based therapies protect against coupled degeneration of the central nervous and vascular systems in stroke. Ageing Research Reviews, 2020, 62, 101106. | 5.0 | 62 |
| 1121 | Inhibition of miR-223 attenuates the NLRP3 inflammasome activation, fibrosis, and apoptosis in diabetic cardiomyopathy. Life Sciences, 2020, 256, 117980. | 2.0 | 38 |
| 1122 | Reactivation of FMR1 gene expression is a promising strategy for fragile X syndrome therapy. Gene Therapy, 2020, 27, 247-253. | 2.3 | 13 |
| 1123 | miRâ€146aâ€5p attenuates ILâ€1βâ€induced ILâ€6 and ILâ€1β expression in a cementoblastâ€derived cell line. 2020, 26, 1308-1317. | Oral Disea | ases, |
| 1124 | Polyethylenimine-dextran-coated magnetic nanoparticles loaded with miR-302b suppress osteosarcoma <i>in vitro</i>) and <i>in vivo</i>). Nanomedicine, 2020, 15, 711-723. | 1.7 | 29 |
| 1125 | Integrative Analysis of MicroRNA and Gene Interactions for Revealing Candidate Signatures in Prostate Cancer. Frontiers in Genetics, 2020, 11, 176. | 1.1 | 41 |
| 1126 | Reciprocal control of ADAM17/EGFR/Akt signaling and miR-145 drives GBM invasiveness. Journal of Neuro-Oncology, 2020, 147, 327-337. | 1.4 | 11 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1127 | Emerging roles of novel small non-coding regulatory RNAs in immunity and cancer. RNA Biology, 2020, 17, 1196-1213. | 1.5 | 24 |
| 1128 | Downregulation of microRNA-224-3p Hampers Retinoblastoma Progression via Activation of the Hippo-YAP Signaling Pathway by Increasing LATS2. , 2020, 61, 32. | | 11 |
| 1129 | miR-15b-5p Promotes Growth and Metastasis in Breast Cancer by Targeting HPSE2. Frontiers in Oncology, 2020, 10, 108. | 1.3 | 50 |
| 1130 | Exploring miR-9 Involvement in Ciona intestinalis Neural Development Using Peptide Nucleic Acids. International Journal of Molecular Sciences, 2020, 21, 2001. | 1.8 | 2 |
| 1131 | Clinical significance of miRNAs in autoimmunity. Journal of Autoimmunity, 2020, 109, 102438. | 3.0 | 62 |
| 1132 | Sevoflurane reduces inflammatory factor expression, increases viability and inhibits apoptosis of lung cells in acute lung injury by microRNA-34a-3p upregulation and STAT1 downregulation. Chemico-Biological Interactions, 2020, 322, 109027. | 1.7 | 14 |
| 1133 | Lcn2-derived Circular RNA (hsa_circ_0088732) Inhibits Cell Apoptosis and Promotes EMT in Glioma via the miR-661/RAB3D Axis. Frontiers in Oncology, 2020, 10, 170. | 1.3 | 28 |
| 1134 | Gene Therapy in Cancer Treatment: Why Go Nano?. Pharmaceutics, 2020, 12, 233. | 2.0 | 127 |
| 1135 | MicroRNA-125b exerts antitumor functions in cutaneous squamous cell carcinoma by targeting the STAT3 pathway. Cellular and Molecular Biology Letters, 2020, 25, 12. | 2.7 | 19 |
| 1136 | The Optimal Outcome of Suppressing Ewing Sarcoma Growth in vivo With Biocompatible Bioengineered miR-34a-5p Prodrug. Frontiers in Oncology, 2020, 10, 222. | 1.3 | 5 |
| 1137 | RNA G-quadruplex regulates microRNA-26a biogenesis and function. Journal of Hepatology, 2020, 73, 371-382. | 1.8 | 38 |
| 1138 | MicroRNA-mRNA networks define translatable molecular outcome phenotypes in osteosarcoma. Scientific Reports, 2020, 10, 4409. | 1.6 | 9 |
| 1139 | RIOK2 is negatively regulated by miRâ€4744 and promotes glioma cell migration/invasion through epithelialâ€mesenchymal transition. Journal of Cellular and Molecular Medicine, 2020, 24, 4494-4509. | 1.6 | 18 |
| 1140 | Challenges facing microRNA therapeutics for cystic fibrosis lung disease. Epigenomics, 2020, 12, 179-181. | 1.0 | 6 |
| 1141 | Dose-Finding Study and Pharmacokinetics Profile of the Novel 13-Mer Antisense miR-221 Inhibitor in Sprague-Dawley Rats. Molecular Therapy - Nucleic Acids, 2020, 20, 73-85. | 2.3 | 9 |
| 1142 | Research progress on myocardial regeneration: what is new?. Chinese Medical Journal, 2020, , 716-723. | 0.9 | 5 |
| 1143 | miR-23a-3p/SIX1 regulates glucose uptake and proliferation through GLUT3 in head and neck squamous cell carcinomas. Journal of Cancer, 2020, 11, 2529-2539. | 1.2 | 9 |
| 1144 | MYC-regulated IncRNA NEAT1 promotes B cell proliferation and lymphomagenesis via the miR-34b-5p-GLI1 pathway in diffuse large B-cell lymphoma. Cancer Cell International, 2020, 20, 87. | 1.8 | 37 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1145 | MicroRNA-18a-5p Administration Suppresses Retinal Neovascularization by Targeting FGF1 and HIF1A. Frontiers in Pharmacology, 2020, 11, 276. | 1.6 | 24 |
| 1146 | A Meta-Analytic Review of the Value of miRNA for Multiple Sclerosis Diagnosis. Frontiers in Neurology, 2020, 11, 132. | 1.1 | 16 |
| 1147 | Urinary microRNAs: Looking for a New Tool in Diagnosis, Prognosis, and Monitoring of Renal Cancer. Current Urology Reports, 2020, 21, 11. | 1.0 | 24 |
| 1148 | <p>Antitumor Effect of miR-1294/Pyruvate Kinase M2 Signaling Cascade in Osteosarcoma Cells</p> . OncoTargets and Therapy, 2020, Volume 13, 1637-1647. | 1.0 | 11 |
| 1149 | The upregulation of miR-98-5p affects the glycosylation of IgA1 through cytokines in IgA nephropathy. International Immunopharmacology, 2020, 82, 106362. | 1.7 | 12 |
| 1150 | CircElF4G2 Promotes Tumorigenesis and Progression of Osteosarcoma by Sponging miR-218. BioMed Research International, 2020, 2020, 1-10. | 0.9 | 15 |
| 1151 | <p>CircHIPK3 Promotes Clear Cell Renal Cell Carcinoma (ccRCC) Cells Proliferation and Metastasis via Altering of miR-508-3p/CXCL13 Signal</p> . OncoTargets and Therapy, 2020, Volume 13, 6051-6062. | 1.0 | 23 |
| 1152 | Axonal precursor mi <scp>RNA</scp> s hitchhike on endosomesÂand locally regulate the development of neural circuits. EMBO Journal, 2020, 39, e102513. | 3.5 | 57 |
| 1153 | Fluorescent Materials With Aggregation-Induced Emission Characteristics for Array-Based Sensing Assay. Frontiers in Chemistry, 2020, 8, 288. | 1.8 | 13 |
| 1154 | Regulatory Cross Talk Between SARS-CoV-2 Receptor Binding and Replication Machinery in the Human Host. Frontiers in Physiology, 2020, 11, 802. | 1.3 | 27 |
| 1155 | MicroRNA-98 Inhibits Hepatic Stellate Cell Activation and Attenuates Liver Fibrosis by Regulating HLF Expression. Frontiers in Cell and Developmental Biology, 2020, 8, 513. | 1.8 | 29 |
| 1156 | Identification of Unique mRNA and miRNA Expression Patterns in Bone Marrow Hematopoietic Stem and Progenitor Cells After Trauma in Older Adults. Frontiers in Immunology, 2020, 11, 1289. | 2.2 | 7 |
| 1157 | Small-Medium Extracellular Vesicles and Their miRNA Cargo in Retinal Health and Degeneration: Mediators of Homeostasis, and Vehicles for Targeted Gene Therapy. Frontiers in Cellular Neuroscience, 2020, 14, 160. | 1.8 | 37 |
| 1158 | Exploiting Cancer's Tactics to Make Cancer a Manageable Chronic Disease. Cancers, 2020, 12, 1649. | 1.7 | 3 |
| 1159 | Dual miRNases for Triple Incision of miRNA Target: Design Concept and Catalytic Performance. Molecules, 2020, 25, 2459. | 1.7 | 8 |
| 1160 | Dysregulation of microRNA Modulatory Network in Abdominal Aortic Aneurysm. Journal of Clinical Medicine, 2020, 9, 1974. | 1.0 | 14 |
| 1161 | Circular RNA circ_0011269 sponges miRâ€122 to regulate RUNX2 expression and promotes osteoporosis progression. Journal of Cellular Biochemistry, 2020, 121, 4819-4826. | 1.2 | 20 |
| 1162 | RNA sequencing-based microRNA expression signature in esophageal squamous cell carcinoma: oncogenic targets by antitumor miR-143-5p and miR-143-3p regulation. Journal of Human Genetics, 2020, 65, 1019-1034. | 1.1 | 33 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1163 | Linking the association between circRNAs and Alzheimer's disease progression by multi-tissue circular RNA characterization. RNA Biology, 2020, 17, 1789-1797. | 1.5 | 30 |
| 1164 | Tumor-Suppressive miR-192-5p Has Prognostic Value in Pancreatic Ductal Adenocarcinoma. Cancers, 2020, 12, 1693. | 1.7 | 27 |
| 1165 | MiR-1587 Regulates DNA Damage Repair and the Radiosensitivity of CRC Cells via Targeting LIG4. Dose-Response, 2020, 18, 155932582093690. | 0.7 | 11 |
| 1166 | miRNA-101 Targets TGF-Î ² R1 to Retard the Progression of Oral Squamous Cell Carcinoma. Oncology Research, 2020, 28, 203-212. | 0.6 | 15 |
| 1167 | A Functional Variant of the miR-15 Family Is Associated with a Decreased Risk of Esophageal Squamous Cell Carcinoma. DNA and Cell Biology, 2020, 39, 1583-1594. | 0.9 | 6 |
| 1168 | Identification key genes, key miRNAs and key transcription factors of lung adenocarcinoma. Journal of Thoracic Disease, 2020, 12, 1917-1933. | 0.6 | 14 |
| 1169 | How and Why Are Cancers Acidic? Carbonic Anhydrase IX and the Homeostatic Control of Tumour Extracellular pH. Cancers, 2020, 12, 1616. | 1.7 | 69 |
| 1170 | miR-7 Regulates GLP-1-Mediated Insulin Release by Targeting \hat{I}^2 -Arrestin 1. Cells, 2020, 9, 1621. | 1.8 | 38 |
| 1171 | Aging Science Talks: The role of miR-181a in age-related loss of muscle mass and function. Translational Medicine of Aging, 2020, 4, 81-85. | 0.6 | 7 |
| 1172 | miR â€181a overexpression predicts the poor treatment response and earlyâ€progression of serous ovarian cancer patients. International Journal of Cancer, 2020, 147, 3560-3573. | 2.3 | 7 |
| 1173 | MicroRNAs and Osteoblasts Differentiation. , 2020, , 439-448. | | 0 |
| 1174 | Epigenetic Biomarkers in Gallbladder Cancer. Trends in Cancer, 2020, 6, 540-543. | 3.8 | 10 |
| 1175 | Not in the genotype: can unexplained hemophilia A result from "micro(RNA) management�. Transfusion, 2020, 60, 227-228. | 0.8 | 4 |
| 1176 | Epigenetics dysfunction in morbid obesity with or without obstructive sleep apnoea: the EPIMOOSA study. Respiratory Research, 2020, 21, 42. | 1.4 | 3 |
| 1177 | <p>MicroRNA-802 Inhibits Cell Proliferation and Induces Apoptosis in Human Laryngeal Cancer by Targeting cAMP-Regulated Phosphoprotein 19</p> . Cancer Management and Research, 2020, Volume 12, 419-430. | 0.9 | 8 |
| 1178 | miR-210-5p promotes epithelial–mesenchymal transition by inhibiting PIK3R5 thereby activating oncogenic autophagy in osteosarcoma cells. Cell Death and Disease, 2020, 11, 93. | 2.7 | 41 |
| 1179 | MiR-188-3p/GPR26 modulation functions as a potential regulator in manipulating glioma cell properties. Neurological Research, 2020, 42, 222-227. | 0.6 | 6 |
| 1180 | MiR-30e-3p Influences Tumor Phenotype through <i>MDM2</i> / <i>TP53</i> Axis and Predicts Sorafenib Resistance in Hepatocellular Carcinoma. Cancer Research, 2020, 80, 1720-1734. | 0.4 | 47 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1181 | Integrative analysis of breast cancer profiles in TCGA by TNBC subgrouping reveals novel microRNA-specific clusters, including miR-17-92a, distinguishing basal-like 1 and basal-like 2 TNBC subtypes. BMC Cancer, 2020, 20, 141. | 1.1 | 18 |
| 1182 | A Sox2:miR-486-5p Axis Regulates Survival of GBM Cells by Inhibiting Tumor Suppressor Networks. Cancer Research, 2020, 80, 1644-1655. | 0.4 | 34 |
| 1183 | Aberrant expression of miR-214 is associated with obesity-induced insulin resistance as a biomarker and therapeutic. Diagnostic Pathology, 2020, 15, 18. | 0.9 | 9 |
| 1184 | Sphingomyelin-Based Nanosystems (SNs) for the Development of Anticancer miRNA Therapeutics. Pharmaceutics, 2020, 12, 189. | 2.0 | 31 |
| 1185 | <p>Deficient Regulatory Innate Lymphoid Cells and Differential Expression of miRNAs in Acute Myeloid Leukemia Quantified by Next Generation Sequence</p> . Cancer Management and Research, 2019, Volume 11, 10969-10982. | 0.9 | 6 |
| 1186 | <p>Regulations of miR-183-5p and Snail-Mediated Shikonin-Reduced Epithelial-Mesenchymal Transition in Cervical Cancer Cells</p> . Drug Design, Development and Therapy, 2020, Volume 14, 577-589. | 2.0 | 19 |
| 1187 | CircPRKCI relieves lipopolysaccharideâ€induced HK2 cell injury by upregulating the expression of miRâ€545 target gene ZEB2. BioFactors, 2020, 46, 475-486. | 2.6 | 24 |
| 1188 | Novel insights into the emerging roles of tRNA-derived fragments in mammalian development. RNA Biology, 2020, 17, 1214-1222. | 1.5 | 47 |
| 1189 | RNA-based pharmacotherapy for tumors: From bench to clinic and back. Biomedicine and Pharmacotherapy, 2020, 125, 109997. | 2.5 | 63 |
| 1190 | A High-Throughput Small Molecule Screen Identifies Ouabain as Synergistic with miR-34a in Killing Lung Cancer Cells. IScience, 2020, 23, 100878. | 1.9 | 13 |
| 1191 | miR-4711-5p regulates cancer stemness and cell cycle progression via KLF5, MDM2 and TFDP1 in colon cancer cells. British Journal of Cancer, 2020, 122, 1037-1049. | 2.9 | 54 |
| 1192 | pol-miR-7133 and pol-miR-3p-9227 of Japanese flounder Paralichthys olivaceus modulate Streptococcus iniae infection through regulation of the common target gene LAMP2. Aquaculture, 2020, 520, 734980. | 1.7 | 4 |
| 1193 | Pan-cancer analysis reveals cooperativity of both strands of microRNA that regulate tumorigenesis and patient survival. Nature Communications, 2020, 11, 968. | 5.8 | 57 |
| 1194 | miR-200b regulates cellular senescence and inflammatory responses by targeting ZEB2 in pulmonary emphysema. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 656-663. | 1.9 | 20 |
| 1195 | The role of microRNAs in ovarian function and the transition toward novel therapeutic strategies in fertility preservation: from bench to future clinical application. Human Reproduction Update, 2020, 26, 174-196. | 5.2 | 15 |
| 1196 | Postinfectious Bronchiolitis Obliterans in Children: Diagnostic Workup and Therapeutic Options: A Workshop Report. Canadian Respiratory Journal, 2020, 2020, 1-16. | 0.8 | 39 |
| 1197 | Downregulation of miR-1826 Indicates a Poor Prognosis for Osteosarcoma Patients and Regulates Tumor Cell Proliferation, Migration, and Invasion. International Journal of Genomics, 2020, 2020, 1-6. | 0.8 | 1 |
| 1198 | <p>Long Non-Coding RNAs Regulate Inflammation in Diabetic Peripheral Neuropathy by Acting as ceRNAs Targeting miR-146a-5p</p> . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 413-422. | 1.1 | 16 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1199 | miR-196b-5p–mediated downregulation of TSPAN12 and GATA6 promotes tumor progression in non-small cell lung cancer. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4347-4357. | 3.3 | 95 |
| 1200 | Towards extracellular matrix normalization for improved treatment of solid tumors. Theranostics, 2020, 10, 1960-1980. | 4.6 | 68 |
| 1201 | miRâ€212â€5p exerts tumor promoter function by regulating the Id3/PI3K/Akt axis in lung adenocarcinoma cells. Journal of Cellular Physiology, 2020, 235, 7273-7282. | 2.0 | 15 |
| 1202 | MicroRNAâ€216b suppresses the cell growth of hepatocellular carcinoma by inhibiting Ubiquitinâ€specific peptidase 28 expression. Kaohsiung Journal of Medical Sciences, 2020, 36, 423-428. | 0.8 | 5 |
| 1203 | miR-205-3p Functions as a Tumor Suppressor in Ovarian Carcinoma. Reproductive Sciences, 2020, 27, 380-388. | 1.1 | 16 |
| 1204 | Endosomolytic and Tumor-Penetrating Mesoporous Silica Nanoparticles for siRNA/miRNA Combination Cancer Therapy. ACS Applied Materials & Interfaces, 2020, 12, 4308-4322. | 4.0 | 115 |
| 1205 | NRF1-enhanced miR-4458 alleviates cardiac hypertrophy through releasing TTP-inhibited TFAM. In Vitro Cellular and Developmental Biology - Animal, 2020, 56, 120-128. | 0.7 | 6 |
| 1206 | Synthesis of cationic quaternized pullulan derivatives for miRNA delivery. International Journal of Pharmaceutics, 2020, 577, 119041. | 2.6 | 24 |
| 1207 | Characterization of therapeutic oligonucleotides by liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2020, 182, 113105. | 1.4 | 66 |
| 1208 | The internal loops in the lower stem of primary microRNA transcripts facilitate single cleavage of human Microprocessor. Nucleic Acids Research, 2020, 48, 2579-2593. | 6.5 | 24 |
| 1209 | RNA-Based Therapeutics: From Antisense Oligonucleotides to miRNAs. Cells, 2020, 9, 137. | 1.8 | 246 |
| 1210 | Common and distinct features of potentially predictive biomarkers in small cell lung carcinoma and large cell neuroendocrine carcinoma of the lung by systematic and integrated analysis. Molecular Genetics & Senomic Medicine, 2020, 8, e1126. | 0.6 | 3 |
| 1211 | Modulation of polycystic kidney disease by non-coding RNAs. Cellular Signalling, 2020, 71, 109548. | 1.7 | 22 |
| 1212 | Emerging molecular functions of microRNA-124: Cancer pathology and therapeutic implications. Pathology Research and Practice, 2020, 216, 152827. | 1.0 | 15 |
| 1213 | Nanovector Assembled from Natural Egg Yolk Lipids for Tumor-Targeted Delivery of Therapeutics. ACS Applied Materials & Delivery of Therapeutics. | 4.0 | 7 |
| 1214 | MicroRNA-9 ameliorates destructive arthritis through down-regulation of NF-κB1-RANKL pathway in fibroblast-like synoviocytes. Clinical Immunology, 2020, 212, 108348. | 1.4 | 23 |
| 1215 | MicroRNA-486-5p and microRNA-486-3p: Multifaceted pleiotropic mediators in oncological and non-oncological conditions. Non-coding RNA Research, 2020, 5, 11-21. | 2.4 | 58 |
| 1216 | Microarray analysis of circRNAs expression profile in gliomas reveals that circ_0037655 could promote glioma progression by regulating miR-214/PI3K signaling. Life Sciences, 2020, 245, 117363. | 2.0 | 20 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1217 | MicroRNA-144-3p Inhibits Tumorigenesis of Oral Squamous Cell Carcinoma by downregulating ERO1L. Journal of Cancer, 2020, 11, 759-768. | 1.2 | 19 |
| 1218 | Circular RNA hsa_circRNA_002178 silencing retards breast cancer progression via microRNAâ€328â€3pâ€mediated inhibition of COL1A1. Journal of Cellular and Molecular Medicine, 2020, 24, 2189-2201. | 1.6 | 71 |
| 1219 | Circular RNA hsa_circ_0004277 contributes to malignant phenotype of colorectal cancer by sponging miRâ \in 512â \in 5p to upregulate the expression of PTMA. Journal of Cellular Physiology, 2020, , . | 2.0 | 22 |
| 1220 | Hypoxia induced changes in miRNAs and their target mRNAs in extracellular vesicles of esophageal squamous cancer cells. Thoracic Cancer, 2020, 11, 570-580. | 0.8 | 31 |
| 1221 | Long non-coding RNA H19 confers resistance to gefitinib via miR-148b-3p/DDAH1 axis in lung adenocarcinoma. Anti-Cancer Drugs, 2020, 31, 44-54. | 0.7 | 16 |
| 1222 | LncRNA BCYRN1/miR-490-3p/POU3F2, served as a ceRNA network, is connected with worse survival rate of hepatocellular carcinoma patients and promotes tumor cell growth and metastasis. Cancer Cell International, 2020, 20, 6. | 1.8 | 24 |
| 1223 | Involvement of Myeloid Cells and Noncoding RNA in Abdominal Aortic Aneurysm Disease. Antioxidants and Redox Signaling, 2020, 33, 602-620. | 2.5 | 9 |
| 1224 | Therapeutic effects of oligo-single-stranded DNA mimicking of hsa-miR-15a-5p on multiple myeloma. Cancer Gene Therapy, 2020, 27, 869-877. | 2.2 | 11 |
| 1225 | MiR-509-3 augments the synthetic lethality of PARPi by regulating HR repair in PDX model of HGSOC. Journal of Hematology and Oncology, 2020, 13, 9. | 6.9 | 22 |
| 1226 | The Non-Coding RNA Landscape of Plasma Cell Dyscrasias. Cancers, 2020, 12, 320. | 1.7 | 24 |
| 1227 | MiR-3940-5p promotes granulosa cell proliferation through targeting KCNA5 in polycystic ovarian syndrome. Biochemical and Biophysical Research Communications, 2020, 524, 791-797. | 1.0 | 15 |
| 1228 | MicroRNA-106b-5p participates in lead (Pb2+)-induced cell viability inhibition by targeting XIAP in HT-22 and PC12 cells. Toxicology in Vitro, 2020, 66, 104876. | 1.1 | 9 |
| 1229 | DDP-resistant ovarian cancer cells-derived exosomal microRNA-30a-5p reduces the resistance of ovarian cancer cells to DDP. Open Biology, 2020, 10, 190173. | 1.5 | 14 |
| 1231 | The New Biomarker for Cervical Squamous Cell Carcinoma and Endocervical Adenocarcinoma (CESC) Based on Public Database Mining. BioMed Research International, 2020, 2020, 1-9. | 0.9 | 19 |
| 1232 | Dysregulations of MicroRNA and Gene Expression in Chronic Venous Disease. Journal of Clinical Medicine, 2020, 9, 1251. | 1.0 | 12 |
| 1233 | LEF1-AS1 is implicated in the malignant development of glioblastoma via sponging miR-543 to upregulate EN2. Brain Research, 2020, 1736, 146781. | 1.1 | 12 |
| 1234 | <p>miR-145-5p Regulates the Proliferation, Migration and Invasion in Cervical Carcinoma by Targeting KLF5</p> . OncoTargets and Therapy, 2020, Volume 13, 2369-2376. | 1.0 | 13 |
| 1235 | The powerful world of antisense oligonucleotides: From bench to bedside. Wiley Interdisciplinary Reviews RNA, 2020, 11, e1594. | 3.2 | 162 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1236 | Autophagy regulation by microRNAs: Novel insights into osteosarcoma therapy. IUBMB Life, 2020, 72, 1306-1321. | 1.5 | 43 |
| 1237 | Nanomedicines for the delivery of glucocorticoids and nucleic acids as potential alternatives in the treatment of rheumatoid arthritis. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2020, 12, e1630. | 3.3 | 17 |
| 1238 | MiR-206 suppresses proliferation and epithelial-mesenchymal transition of renal cell carcinoma by inhibiting CDK6 expression. Human Cell, 2020, 33, 750-758. | 1.2 | 9 |
| 1239 | LncRNA-XIST promotes dermal papilla induced hair follicle regeneration by targeting miR-424 to activate hedgehog signaling. Cellular Signalling, 2020, 72, 109623. | 1.7 | 12 |
| 1240 | Bio responsive self-assembly of Au-miRNAs for targeted cancer theranostics. EBioMedicine, 2020, 54, 102740. | 2.7 | 15 |
| 1241 | Identification and characterization of microRNAs in American cockroach (Periplaneta americana). Gene, 2020, 743, 144610. | 1.0 | 5 |
| 1242 | MicroRNA profiles were altered in neonatal piglet mammary glands following postnatal infant formula feeding. Journal of Nutritional Biochemistry, 2020, 83, 108397. | 1.9 | 1 |
| 1243 | MiR-377-3p suppresses colorectal cancer through negative regulation on Wnt/ \hat{l}^2 -catenin signaling by targeting XIAP and ZEB2. Pharmacological Research, 2020, 156, 104774. | 3.1 | 50 |
| 1244 | The regulatory functions of circular RNAs in osteosarcoma. Genomics, 2020, 112, 2845-2856. | 1.3 | 33 |
| 1245 | Regulation of aberrantly expressed SERPINH1 by antitumor miR-148a-5p inhibits cancer cell aggressiveness in gastric cancer. Journal of Human Genetics, 2020, 65, 647-656. | 1.1 | 19 |
| 1246 | A DNA tetrahedron nanoprobe-based fluorescence resonance energy transfer sensing platform for intracellular tumor-related miRNA detection. Analyst, The, 2020, 145, 3535-3542. | 1.7 | 15 |
| 1247 | MicroRNAâ€155â€3p promotes glioma progression and temozolomide resistance by targeting Six1. Journal of Cellular and Molecular Medicine, 2020, 24, 5363-5374. | 1.6 | 31 |
| 1248 | A Systematic Way to Infer the Regulation Relations of miRNAs on Target Genes and Critical miRNAs in Cancers. Frontiers in Genetics, 2020, 11, 278. | 1.1 | 41 |
| 1249 | Upregulated MELK Leads to Doxorubicin Chemoresistance and M2 Macrophage Polarization via the miR-34a/JAK2/STAT3 Pathway in Uterine Leiomyosarcoma. Frontiers in Oncology, 2020, 10, 453. | 1.3 | 24 |
| 1250 | Role of microRNAs in Venous Thromboembolism. International Journal of Molecular Sciences, 2020, 21, 2602. | 1.8 | 28 |
| 1251 | miR-19 regulates the expression of interferon-induced genes and MHC class I genes in human cancer cells. International Journal of Medical Sciences, 2020, 17, 953-964. | 1.1 | 25 |
| 1252 | MicroRNA-4476 promotes glioma progression through a miR-4476/APC/ \hat{l}^2 -catenin/c-Jun positive feedback loop. Cell Death and Disease, 2020, 11, 269. | 2.7 | 19 |
| 1253 | miR-93-5p enhances migration and invasion by targeting RGMB in squamous cell carcinoma of the head and neck. Journal of Cancer, 2020, 11, 3871-3881. | 1.2 | 25 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1254 | Combined Replenishment of miRâ€34a and letâ€7b by Targeted Nanoparticles Inhibits Tumor Growth in Neuroblastoma Preclinical Models. Small, 2020, 16, e1906426. | 5.2 | 27 |
| 1255 | Ultrasound Assisted Exosomal Delivery of Tissue Responsive mRNA for Enhanced Efficacy and Minimized Off-Target Effects. Molecular Therapy - Nucleic Acids, 2020, 20, 558-567. | 2.3 | 31 |
| 1256 | A combination of LightOn gene expression system and tumor microenvironment-responsive nanoparticle delivery system for targeted breast cancer therapy. Acta Pharmaceutica Sinica B, 2020, 10, 1741-1753. | 5.7 | 17 |
| 1257 | MiR-139-5p inhibits the proliferation of gastric cancer cells by targeting Regulation of Nuclear Pre-mRNA Domain Containing 1B. Biochemical and Biophysical Research Communications, 2020, 527, 393-400. | 1.0 | 7 |
| 1258 | MicroRNA-93 Targets p21 and Promotes Proliferation in Mycosis Fungoides T Cells. Dermatology, 2021, 237, 277-282. | 0.9 | 8 |
| 1259 | miR-615-3p promotes the epithelial-mesenchymal transition and metastasis of breast cancer by targeting PICK1/TGFBRI axis. Journal of Experimental and Clinical Cancer Research, 2020, 39, 71. | 3.5 | 50 |
| 1260 | Micelleplexes as nucleic acid delivery systems for cancer-targeted therapies. Journal of Controlled Release, 2020, 323, 442-462. | 4.8 | 41 |
| 1261 | miR-129-5p: A key factor and therapeutic target in amyotrophic lateral sclerosis. Progress in Neurobiology, 2020, 190, 101803. | 2.8 | 31 |
| 1262 | RNA-based therapeutics in cardiovascular disease. Current Opinion in Cardiology, 2020, 35, 191-198. | 0.8 | 10 |
| 1263 | MicroRNA regulatory networks in the pathogenesis of sarcopenia. Journal of Cellular and Molecular Medicine, 2020, 24, 4900-4912. | 1.6 | 26 |
| 1264 | Ultrasound-Mediated Long-Circulating Nanopolymer Delivery of Therapeutic siRNA and Antisense MicroRNAs Leads to Enhanced Paclitaxel Sensitivity in Epithelial Ovarian Cancer Chemotherapy. ACS Biomaterials Science and Engineering, 2020, 6, 4036-4050. | 2.6 | 13 |
| 1265 | Identification of the Key Molecular Drivers of Phosphorus Utilization Based on Host miRNA-mRNA and Gut Microbiome Interactions. International Journal of Molecular Sciences, 2020, 21, 2818. | 1.8 | 14 |
| 1266 | MiR-34a-5p Inhibits Proliferation, Migration, Invasion and Epithelial-mesenchymal Transition in Esophageal Squamous Cell Carcinoma by Targeting LEF1 and Inactivation of the Hippo-YAP1/TAZ Signaling Pathway. Journal of Cancer, 2020, 11, 3072-3081. | 1.2 | 29 |
| 1267 | miR-296-5p suppresses stem cell potency of hepatocellular carcinoma cells via regulating Brg1/Sall4 axis. Cellular Signalling, 2020, 72, 109650. | 1.7 | 27 |
| 1268 | Downregulation of IncRNA ZEB1-AS1 Represses Cell Proliferation, Migration, and Invasion Through Mediating PI3K/AKT/mTOR Signaling by miR-342-3p/CUL4B Axis in Prostate Cancer. Cancer Biotherapy and Radiopharmaceuticals, 2020, 35, 661-672. | 0.7 | 20 |
| 1269 | Non-Coding RNAs in Lung Tumor Initiation and Progression. International Journal of Molecular Sciences, 2020, 21, 2774. | 1.8 | 27 |
| 1270 | miR-21 protects neonatal rats from hypoxic-ischemic brain damage by targeting CCL3. Apoptosis: an International Journal on Programmed Cell Death, 2020, 25, 275-289. | 2.2 | 19 |
| 1271 | Beta-Amyloid-Dependent miRNAs as Circulating Biomarkers in Alzheimer's Disease: a Preliminary Report. Journal of Molecular Neuroscience, 2020, 70, 871-877. | 1.1 | 9 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------------------|------------------|
| 1272 | The Promising Role of miR-21 as a Cancer Biomarker and Its Importance in RNA-Based Therapeutics. Molecular Therapy - Nucleic Acids, 2020, 20, 409-420. | 2.3 | 242 |
| 1273 | Circulating MicroRNA-122 for the Diagnosis of Hepatocellular Carcinoma: A Meta-Analysis. BioMed Research International, 2020, 2020, 1-10. | 0.9 | 14 |
| 1274 | MiR-30b-5p regulates the lipid metabolism by targeting PPARGC1A in Huh-7 cell line. Lipids in Health and Disease, 2020, 19, 76. | 1.2 | 25 |
| 1275 | MiR-489 inhibited the development of gastric cancer via regulating HDAC7 and PI3K/AKT pathway. World Journal of Surgical Oncology, 2020, 18, 73. | 0.8 | 21 |
| 1276 | Upregulation of miR-211 Promotes Chondrosarcoma Development via Targeting Tumor Suppressor VHL. OncoTargets and Therapy, 2020, Volume 13, 2935-2943. | 1.0 | 7 |
| 1277 | Myeloid cell–targeted miR-146a mimic inhibits NF-κB–driven inflammation and leukemia progression in vivo. Blood, 2020, 135, 167-180. | 0.6 | 88 |
| 1278 | The Promise and Challenges of Developing miRNA-Based Therapeutics for Parkinson's Disease. Cells, 2020, 9, 841. | 1.8 | 51 |
| 1279 | Study of the Association between microRNA (miR-25T>C, miR-32C>A, miR-125C>T, and) Tj ETQq1 1 0.78 2020, 11, 354. | 34314 rgB 1.0 | T /Overlock 9 |
| 1280 | miR-1285-3p Controls Colorectal Cancer Proliferation and Escape from Apoptosis through DAPK2. International Journal of Molecular Sciences, 2020, 21, 2423. | 1.8 | 12 |
| 1281 | MiR-3174 promotes proliferation and inhibits apoptosis by targeting FOXO1 in hepatocellular carcinoma. Biochemical and Biophysical Research Communications, 2020, 526, 889-897. | 1.0 | 26 |
| 1282 | Suppression of TRIM8 by microRNA-182-5p restricts tumor necrosis factor- $\hat{l}\pm$ -induced proliferation and migration of airway smooth muscle cells through inactivation of NF- \hat{l} šb. International Immunopharmacology, 2020, 83, 106475. | 1.7 | 14 |
| 1283 | <scp>Microâ€RNA29b /scp> enhances the sensitivity of <scp>glioblastoma multiforme /scp> cells to temozolomide by promoting autophagy. Anatomical Record, 2021, 304, 342-352.</scp></scp> | 0.8 | 6 |
| 1284 | Release of extracellular vesicle miR-494-3p by ARPE-19 cells with impaired mitochondria. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129598. | 1.1 | 22 |
| 1285 | Nanobottles for Controlled Release and Drug Delivery. Advanced Healthcare Materials, 2021, 10, 2000587. | 3.9 | 20 |
| 1286 | The role of miRâ€543 in human cancerous and noncancerous diseases. Journal of Cellular Physiology, 2021, 236, 15-26. | 2.0 | 13 |
| 1287 | Emerging roles of long non-coding RNAs in breast cancer biology and management. Seminars in Cancer Biology, 2021, 72, 36-45. | 4.3 | 52 |
| 1288 | Epigenetic restoration of voltageâ€gated potassium channel Kv1.2 alleviates nerve injuryâ€induced neuropathic pain. Journal of Neurochemistry, 2021, 156, 367-378. | 2.1 | 34 |
| 1289 | Autophagy in cardiovascular diseases: role of noncoding RNAs. Molecular Therapy - Nucleic Acids, 2021, 23, 101-118. | 2.3 | 27 |

| # | Article | IF | CITATIONS |
|------|---|------|-----------|
| 1290 | Therapeutic role of inflammasome inhibitors in neurodegenerative disorders. Brain, Behavior, and Immunity, 2021, 91, 771-783. | 2.0 | 26 |
| 1291 | The Yin and Yang function of microRNAs in insulin signalling and cancer. RNA Biology, 2021, 18, 24-32. | 1.5 | 7 |
| 1292 | Epigenetic alterations as therapeutic targets in Testicular Germ Cell Tumours : current and future application of â€~epidrugs'. Epigenetics, 2021, 16, 353-372. | 1.3 | 19 |
| 1293 | HIV Impairs Alveolar Macrophage Function via MicroRNA-144-Induced Suppression of Nrf2. American Journal of the Medical Sciences, 2021, 361, 90-97. | 0.4 | 10 |
| 1294 | microRNAs: New-Age Panacea in Cancer Therapeutics. Indian Journal of Surgical Oncology, 2021, 12, 52-56. | 0.3 | 3 |
| 1295 | <scp>MicroRNA</scp> â€936/ <scp>ERBB4</scp> /Akt axis exhibits anticancer properties of gastric cancer through inhibition of cell proliferation, migration, and invasion. Kaohsiung Journal of Medical Sciences, 2021, 37, 111-120. | 0.8 | 10 |
| 1296 | Potential Repressive Impact of microRNA-20a on Renal Tubular Damage in Diabetic Kidney Disease by Targeting C-X-C Motif Chemokine Ligand 6. Archives of Medical Research, 2021, 52, 58-68. | 1.5 | 9 |
| 1297 | Nucleic acid therapeutics: a focus on the development of aptamers. Expert Opinion on Drug Discovery, 2021, 16, 255-274. | 2.5 | 18 |
| 1298 | Long non-coding RNA ZFAS1 promotes the expression of EPAS1 in gastric cardia adenocarcinoma. Journal of Advanced Research, 2021, 28, 7-15. | 4.4 | 12 |
| 1299 | miRâ€381â€3p inhibits high glucoseâ€induced vascular smooth muscle cell proliferation and migration by targeting HMGB1. Journal of Gene Medicine, 2021, 23, e3274. | 1.4 | 13 |
| 1300 | miR-19a/b and miR-20a Promote Wound Healing by Regulating the Inflammatory Response of Keratinocytes. Journal of Investigative Dermatology, 2021, 141, 659-671. | 0.3 | 46 |
| 1301 | A novel rationale for targeting FXI: Insights from the hemostatic microRNA targetome for emerging anticoagulant strategies., 2021, 218, 107676. | | 9 |
| 1302 | RNA in cancer. Nature Reviews Cancer, 2021, 21, 22-36. | 12.8 | 655 |
| 1303 | Drugging the "undruggable―microRNAs. Cellular and Molecular Life Sciences, 2021, 78, 1861-1871. | 2.4 | 9 |
| 1304 | Dietary microRNAs and cancer: A new therapeutic approach?. Seminars in Cancer Biology, 2021, 73, 19-29. | 4.3 | 25 |
| 1305 | Non-amplified impedimetric genosensor for quantification of miRNA-21 based on the use of reduced graphene oxide modified with chitosan. Microchemical Journal, 2021, 160, 105596. | 2.3 | 9 |
| 1306 | Photomodulation of Caged RNA Oligonucleotide Functions in Living Systems. ChemPhotoChem, 2021, 5, 12-21. | 1.5 | 7 |
| 1307 | A safe and efficient bioactive citrate-lysine/miRNA33 agonist nanosystem for high fat diet-induced obesity therapy. Chemical Engineering Journal, 2021, 408, 127304. | 6.6 | 8 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1309 | Dysregulated miR-137 and its target EGFR contribute to the progression of pituitary adenomas. Molecular and Cellular Endocrinology, 2021, 520, 111083. | 1.6 | 3 |
| 1310 | MicroRNA-574-5p Attenuates Acute Respiratory Distress Syndrome by Targeting HMGB1. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 196-207. | 1.4 | 21 |
| 1311 | Computational assessment of thermostability in miRNA:CNT system using molecular dynamics simulations. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129808. | 1.1 | 2 |
| 1312 | Gynecologic cancers and non-coding RNAs: Epigenetic regulators with emerging roles. Critical Reviews in Oncology/Hematology, 2021, 157, 103192. | 2.0 | 85 |
| 1313 | Deregulated lncRNA MAGI2-AS3 in Alzheimer's disease attenuates amyloid- \hat{l}^2 induced neurotoxicity and neuroinflammation by sponging miR-374b-5p. Experimental Gerontology, 2021, 144, 111180. | 1.2 | 42 |
| 1314 | Intratumoral immunosuppression profiles in 11qâ€deleted neuroblastomas provide new potential therapeutic targets. Molecular Oncology, 2021, 15, 364-380. | 2.1 | 4 |
| 1315 | LncRNA-SNHG7 interferes with miR-34a to de-sensitize gastric cancer cells to cisplatin. Cancer Biomarkers, 2021, 30, 127-137. | 0.8 | 21 |
| 1316 | Therapeutic potential of miRNAs targeting SARS-CoV-2 host cell receptor ACE2. Meta Gene, 2021, 27, 100831. | 0.3 | 27 |
| 1317 | MiRâ€485â€3p serves as a biomarker and therapeutic target of Alzheimer's disease via regulating neuronal cell viability and neuroinflammation by targeting AKT3. Molecular Genetics & Enomic Medicine, 2021, 9, e1548. | 0.6 | 19 |
| 1318 | An update on potential biomarkers for diagnosing diabetic foot ulcer at early stage. Biomedicine and Pharmacotherapy, 2021, 133, 110991. | 2.5 | 41 |
| 1319 | Vitamin-B12-conjugated PLGA-PEG nanoparticles incorporating miR-532-3p induce mitochondrial damage by targeting apoptosis repressor with caspase recruitment domain (ARC) on CD320-overexpressed gastric cancer. Materials Science and Engineering C, 2021, 120, 111722. | 3.8 | 25 |
| 1320 | Mechanisms of docetaxel resistance in prostate cancer: The key role played by miRNAs. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1875, 188481. | 3.3 | 24 |
| 1321 | Long noncoding RNA ZFAS1 silencing alleviates rheumatoid arthritis via blocking miR-296-5p-mediated down-regulation of MMP-15. International Immunopharmacology, 2021, 90, 107061. | 1.7 | 17 |
| 1322 | LncRNA-antisense non-coding RNA in the INK4 locus promotes pyroptosis via miR-497/thioredoxin-interacting protein axis in diabetic nephropathy. Life Sciences, 2021, 264, 118728. | 2.0 | 41 |
| 1323 | An update: mechanisms of microRNA in primary open-angle glaucoma. Briefings in Functional Genomics, 2021, 20, 19-27. | 1.3 | 12 |
| 1324 | Multivalent rubber-like RNA nanoparticles for targeted co-delivery of paclitaxel and MiRNA to silence the drug efflux transporter and liver cancer drug resistance. Journal of Controlled Release, 2021, 330, 173-184. | 4.8 | 36 |
| 1325 | Electrical Cartridge Sensor Enables Reliable and Direct Identification of MicroRNAs in Urine of Patients. ACS Sensors, 2021, 6, 833-841. | 4.0 | 25 |
| 1326 | Berberine inhibits the Warburg effect through TET3/miR-145/HK2 pathways in ovarian cancer cells. Journal of Cancer, 2021, 12, 207-216. | 1.2 | 18 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1327 | Cobomarsen, an Oligonucleotide Inhibitor of miR-155, Slows DLBCL Tumor Cell Growth <i>In Vitro</i> and <i>In Vivo</i> . Clinical Cancer Research, 2021, 27, 1139-1149. | 3.2 | 76 |
| 1328 | Human <i>TYRP1</i> : Two functions for a single gene?. Pigment Cell and Melanoma Research, 2021, 34, 836-852. | 1.5 | 13 |
| 1329 | Molecular pathogenesis of breast cancer: impact of miR-99a-5p and miR-99a-3p regulation on oncogenic genes. Journal of Human Genetics, 2021, 66, 519-534. | 1.1 | 14 |
| 1330 | Functional nonâ€coding RNAs in vascular diseases. FEBS Journal, 2021, 288, 6315-6330. | 2.2 | 11 |
| 1331 | Deciphering the role of epigenetic modifications in fatty liver disease: A systematic review. European Journal of Clinical Investigation, 2021, 51, e13479. | 1.7 | 16 |
| 1332 | Beyond regulations at DNA levels: A review of epigenetic therapeutics targeting cancer stem cells. Cell Proliferation, 2021, 54, e12963. | 2.4 | 9 |
| 1334 | CircMEG3 inhibits telomerase activity by reducing Cbf5 in human liver cancer stem cells. Molecular Therapy - Nucleic Acids, 2021, 23, 310-323. | 2.3 | 30 |
| 1335 | Synergism of HPV and MNNG repress miR-218 promoting Het-1A cell malignant transformation by targeting GAB2. Toxicology, 2021, 447, 152635. | 2.0 | 6 |
| 1336 | miR-338-5p inhibits cell growth and migration via inhibition of the METTL3/m6A/c-Myc pathway in lung cancer. Acta Biochimica Et Biophysica Sinica, 2020, 53, 304-316. | 0.9 | 22 |
| 1337 | The microRNA cluster miR-214/miR-3120 prevents tumor cell switching from an epithelial to a mesenchymal-like phenotype and inhibits autophagy in gallbladder cancer. Cellular Signalling, 2021, 80, 109887. | 1.7 | 7 |
| 1338 | Neuregulin Signaling in the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2021, 1270, 1-29. | 0.8 | 1 |
| 1339 | Effect of gene-environment interaction (arsenic exposure - PON1 Q192R polymorphism) on cardiovascular disease biomarkers in Mexican population. Environmental Toxicology and Pharmacology, 2021, 81, 103519. | 2.0 | 9 |
| 1340 | Precise targeting of miR-141/200c cluster in chondrocytes attenuates osteoarthritis development. Annals of the Rheumatic Diseases, 2021, 80, 356-366. | 0.5 | 40 |
| 1341 | MicroRNA-20a-5p suppresses tumor angiogenesis of non-small cell lung cancer through RRM2-mediated PI3K/Akt signaling pathway. Molecular and Cellular Biochemistry, 2021, 476, 689-698. | 1.4 | 23 |
| 1342 | Inhibition of microRNA-128-3p attenuates hypercholesterolemia in mouse model. Life Sciences, 2021, 264, 118633. | 2.0 | 8 |
| 1343 | Circular RNA circ_0000039 enhances gastric cancer progression through miR-1292-5p/DEK axis. Cancer Biomarkers, 2021, 30, 167-177. | 0.8 | 12 |
| 1344 | Delayed full opening of bumped switchable molecular probe enables repeated generation of target analogues for mix-to-signaling determination of microRNAs. Sensors and Actuators B: Chemical, 2021, 327, 128875. | 4.0 | 1 |
| 1345 | MiR-874 Inhibits Cell Proliferation, Migration, and Invasion of Glioma Cells and Correlates with Prognosis of Glioma Patients. NeuroMolecular Medicine, 2021, 23, 247-255. | 1.8 | 4 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1346 | Overexpression of miR-27a predicts poor prognosis and promotes the progression in cholangiocarcinoma. Clinical and Experimental Medicine, 2021, 21, 121-128. | 1.9 | 5 |
| 1347 | COVID-19: fighting the invisible enemy with microRNAs. Expert Review of Anti-Infective Therapy, 2021, 19, 137-145. | 2.0 | 63 |
| 1348 | Deep-belief network for predicting potential miRNA-disease associations. Briefings in Bioinformatics, 2021, 22, . | 3.2 | 101 |
| 1349 | Oligonucleotideâ€Based Therapeutics: An Emerging Strategy for the Treatment of Chronic Liver Diseases. Hepatology, 2021, 73, 1581-1593. | 3.6 | 4 |
| 1350 | Non-alcoholic fatty liver disease: molecular and cellular interplays of the lipid metabolism in a steatotic liver. Expert Review of Gastroenterology and Hepatology, 2021, 15, 25-40. | 1.4 | 13 |
| 1351 | circSFMBT1 promotes pancreatic cancer growth and metastasis via targeting miR-330-5p/PAK1 axis. Cancer Gene Therapy, 2021, 28, 234-249. | 2.2 | 28 |
| 1352 | Hsa_circRNA_102002 facilitates metastasis of papillary thyroid cancer through regulating miR-488-3p/HAS2 axis. Cancer Gene Therapy, 2021, 28, 279-293. | 2.2 | 40 |
| 1353 | MicroRNA Profiles in Monocyte-Derived Macrophages Generated by Interleukin-27 and Human Serum: Identification of a Novel HIV-Inhibiting and Autophagy-Inducing MicroRNA. International Journal of Molecular Sciences, 2021, 22, 1290. | 1.8 | 5 |
| 1354 | MicroRNA‑367‑3p induces apoptosis and suppresses migration of MCF‑7 cells by downregulating the expression of human choline kinase α. Oncology Letters, 2021, 21, 183. | 0.8 | 5 |
| 1355 | miR-322/miR-503 clusters regulate defective myoblast differentiation in myotonic dystrophy RNA-toxic by targeting Celf1. Toxicology Research, 2021, 10, 29-39. | 0.9 | 3 |
| 1356 | Antisense Oligonucleotide Therapeutics for Neurodegenerative Disorders. Current Geriatrics Reports, 0, , $1.$ | 1.1 | 2 |
| 1357 | Targeting tumor resistance mechanisms. Faculty Reviews, 2021, 10, 6. | 1.7 | 0 |
| 1358 | Dysregulated SREBP1c/miR-153 signaling induced by hypertriglyceridemia worsens acute pancreatitis and delays tissue repair. JCI Insight, 2021, 6, . | 2.3 | 8 |
| 1359 | LncRNA LINCO0689 Promotes the Tumorigenesis of Glioma via Mediation of miR-526b-3p/IGF2BP1 Axis. NeuroMolecular Medicine, 2021, 23, 383-394. | 1.8 | 10 |
| 1360 | The circular RNA circZFR phosphorylates Rb promoting cervical cancer progression by regulating the SSBP1/CDK2/cyclin E1 complex. Journal of Experimental and Clinical Cancer Research, 2021, 40, 48. | 3.5 | 33 |
| 1361 | Hypoxia downregulated miR-4521 suppresses gastric carcinoma progression through regulation of IGF2 and FOXM1. Molecular Cancer, 2021, 20, 9. | 7.9 | 41 |
| 1362 | CircRNA circ_0004370 promotes cell proliferation, migration, and invasion and inhibits cell apoptosis of esophageal cancer via miR-1301-3p/COL1A1 axis. Open Medicine (Poland), 2021, 16, 104-116. | 0.6 | 14 |
| 1363 | The diagnostic and prognostic value of miR-92a in gastric cancer: A systematic review and meta-analysis. Open Medicine (Poland), 2021, 16, 1386-1394. | 0.6 | 1 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1364 | Circular RNA hsa_circ_0033144 (CircBCL11B) regulates oral squamous cell carcinoma progression via the miR-579/LASP1 axis. Bioengineered, 2021, 12, 4111-4122. | 1.4 | 13 |
| 1365 | <i>In vivo</i> fermentation production of humanized noncoding RNAs carrying payload miRNAs for targeted anticancer therapy. Theranostics, 2021, 11, 4858-4871. | 4.6 | 16 |
| 1366 | Identification of biomarkers and construction of a microRNA‑mRNA regulatory network for clear cell renal cell carcinoma using integrated bioinformatics analysis. PLoS ONE, 2021, 16, e0244394. | 1.1 | 8 |
| 1367 | Recent Advances of MicroRNA in Sepsis-associated Acute Lung Injury. Journal of Translational Critical Care Medicine, 2021, 3, 1. | 0.0 | 0 |
| 1368 | Identification of MicroRNA 15b-3p as a Diagnostic Marker for Early Stage of Colorectal Cancer Through Comprehensive RNA Analysis. Juntendo Medical Journal, 2021, 67, 272-281. | 0.1 | 0 |
| 1369 | MicroRNA-149 is downregulated in Alzheimer's disease and inhibits β-amyloid accumulation and ameliorates neuronal viability through targeting BACE1. Genetics and Molecular Biology, 2021, 44, e20200064. | 0.6 | 12 |
| 1370 | Maternally expressed 3 protects the intestinal barrier from cardiac arrest-induced ischemia/reperfusion injury via miR-34a-3p/sirtuin 1/nuclear factor kappa B signaling. Annals of Translational Medicine, 2021, 9, 122-122. | 0.7 | 2 |
| 1371 | The protective effects of the miR-129-5p/keap-1/Nrf2 axis on Ang II-induced cardiomyocyte hypertrophy. Annals of Translational Medicine, 2021, 9, 154-154. | 0.7 | 8 |
| 1372 | miR‑653‑5p suppresses the growth and migration of breast cancer cells by targeting MAPK6. Molecular Medicine Reports, 2021, 23, . | 1.1 | 9 |
| 1373 | MicroRNAs: emerging players in apical periodontitis. Journal of Applied Oral Science, 2021, 29, e20201058. | 0.7 | 8 |
| 1374 | YEATS domain-containing 2 (YEATS2), targeted by microRNA miR-378a-5p, regulates growth and metastasis in head and neck squamous cell carcinoma. Bioengineered, 2021, 12, 7286-7296. | 1.4 | 5 |
| 1375 | Detection of urinary microRNA biomarkers using diazo sulfonamide-modified screen printed carbon electrodes. RSC Advances, 2021, 11, 18832-18839. | 1.7 | 9 |
| 1376 | Identification of Novel IncRNAs in Ovarian Cancer and Their Impact on Overall Survival. International Journal of Molecular Sciences, 2021, 22, 1079. | 1.8 | 7 |
| 1377 | Circular RNAs: new biomarkers of chemoresistance in cancer. Cancer Biology and Medicine, 2021, 18, 421-436. | 1.4 | 23 |
| 1378 | miR-513b-5p inhibits the proliferation and promotes apoptosis of retinoblastoma cells by targeting TRIB1. Open Medicine (Poland), 2021, 16, 1364-1371. | 0.6 | 3 |
| 1379 | Differences in RNA and microRNA Expression Between PTCH1- and SUFU-mutated Medulloblastoma. Cancer Genomics and Proteomics, 2021, 18, 335-347. | 1.0 | 4 |
| 1380 | Down-regulation of HCP5 inhibits cell proliferation, migration, and invasion through regulating EPHA7 by competitively binding miR-101 in osteosarcoma. Brazilian Journal of Medical and Biological Research, 2021, 54, e9161. | 0.7 | 10 |
| 1381 | microRNA-1296 Inhibits Glioma Cell Growth by Targeting ABL2. Technology in Cancer Research and Treatment, 2021, 20, 153303382199000. | 0.8 | 2 |

| # | Article | IF | Citations |
|------|--|-----|-----------|
| 1383 | MicroRNA-Mediated Metabolic Shaping of the Tumor Microenvironment. Cancers, 2021, 13, 127. | 1.7 | 11 |
| 1384 | MicroRNA-3613-3p functions as a tumor suppressor and represents a novel therapeutic target in breast cancer. Breast Cancer Research, 2021, 23, 12. | 2.2 | 14 |
| 1385 | Identification of MicroRNAs as Diagnostic Biomarkers for Breast Cancer Based on the Cancer Genome Atlas. Diagnostics, 2021, 11, 107. | 1.3 | 15 |
| 1386 | Vasculogenic mimicry in head and neck tumors: a narrative review. Translational Cancer Research, 2021, 10, 3044-3052. | 0.4 | 3 |
| 1387 | The emerging role of small non-coding RNA in renal cell carcinoma. Translational Oncology, 2021, 14, 100974. | 1.7 | 9 |
| 1388 | A perspective on RNA interference-based therapeutics for metabolic liver diseases. Expert Opinion on Investigational Drugs, 2021, 30, 237-244. | 1.9 | 7 |
| 1389 | Neuroblastoma and the epigenome. Cancer and Metastasis Reviews, 2021, 40, 173-189. | 2.7 | 49 |
| 1390 | MicroRNA-185-5p inhibits hepatic gluconeogenesis and reduces fasting blood glucose levels by suppressing G6Pase. Theranostics, 2021, 11, 7829-7843. | 4.6 | 17 |
| 1391 | MiRNA-339 targets and regulates ZNF689 to inhibit the proliferation and invasion of gastric cancer cells. Translational Cancer Research, 2021, 10, 3516-3526. | 0.4 | 2 |
| 1392 | MicroRNA-93/STAT3 signalling pathway mediates retinal microglial activation and protects retinal ganglion cells in an acute ocular hypertension model. Cell Death and Disease, 2021, 12, 41. | 2.7 | 20 |
| 1393 | MicroRNA-144 Suppresses Prostate Cancer Growth and Metastasis by Targeting EZH2. Technology in Cancer Research and Treatment, 2021, 20, 153303382198981. | 0.8 | 8 |
| 1394 | Up-regulation of miR-204 inhibits proliferation, invasion and apoptosis of gallbladder cancer cells by targeting Notch2. Aging, 2021, 13, 2941-2958. | 1.4 | 7 |
| 1395 | Probiotics and MicroRNA: Their Roles in the Host–Microbe Interactions. Frontiers in Microbiology, 2020, 11, 604462. | 1.5 | 33 |
| 1396 | Circular RNA RBM33 contributes to cervical cancer progression via modulation of the miR-758-3p/PUM2 axis. Journal of Molecular Histology, 2021, 52, 173-185. | 1.0 | 19 |
| 1397 | Surface-modified hydroxyapatite nanoparticle for microRNA delivery to regulate gene expression in human mandibular osteoblast cells. Journal of Nanoparticle Research, 2021, 23, 1. | 0.8 | 4 |
| 1398 | Tiny miRNAs Play a Big Role in the Treatment of Breast Cancer Metastasis. Cancers, 2021, 13, 337. | 1.7 | 13 |
| 1399 | LINC00461 Promoted Endometrial Carcinoma Growth and Migration by Targeting MicroRNA-219-5p/Cyclooxygenase-2 Signaling Axis. Cell Transplantation, 2021, 30, 096368972198961. | 1.2 | 3 |
| 1400 | Long noncoding RNA MST1P2 promotes cervical cancer progression by sponging with microRNA miR-133b. Bioengineered, 2021, 12, 1851-1860. | 1.4 | 13 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1401 | MicroRNA-1269b inhibits gastric cancer development through regulating methyltransferase-like 3 (METTL3). Bioengineered, 2021, 12, 1150-1160. | 1.4 | 24 |
| 1402 | Zika, miRNAs, and microcephaly genes., 2021,, 97-109. | | 0 |
| 1403 | Research Progress on Surface-Enhanced Raman Spectroscopy Technique for the Detection of microRNA. Acta Chimica Sinica, 2021, 79, 694. | 0.5 | 3 |
| 1404 | Genomic instability-derived plasma extracellular vesicle-microRNA signature as a minimally invasive predictor of risk and unfavorable prognosis in breast cancer. Journal of Nanobiotechnology, 2021, 19, 22. | 4.2 | 52 |
| 1405 | MicroRNA-153-5p promotes the proliferation and metastasis of renal cell carcinoma via direct targeting of AGO1. Cell Death and Disease, 2021, 12, 33. | 2.7 | 20 |
| 1406 | Ratiometric and amplified fluorescence nanosensor based on a DNA tetrahedron for miRNA imaging in living cells. Journal of Materials Chemistry B, 2021, 9, 8341-8347. | 2.9 | 5 |
| 1407 | Effective tools for RNA-derived therapeutics: siRNA interference or miRNA mimicry. Theranostics, 2021, 11, 8771-8796. | 4.6 | 50 |
| 1408 | A new player in the game: treatment with antagomiR-21a-5p significantly attenuates histological and echocardiographic effects of experimental autoimmune myocarditis. Cardiovascular Research, 2022, 118, 556-572. | 1.8 | 14 |
| 1409 | MicroRNA in Human Acute Kidney Injury: A Systematic Review Protocol. Canadian Journal of Kidney Health and Disease, 2021, 8, 205435812110099. | 0.6 | 1 |
| 1410 | Polyphenols Could Prevent SARS-CoV-2 Infection by Modulating the Expression of miRNAs in the Host Cells. , 2021, 12, 1169. | | 8 |
| 1411 | Repression of the miR-627-5p by histone deacetylase 3 contributes to hypoxia-induced hepatocellular carcinoma progression. Journal of Cancer, 2021, 12, 5320-5330. | 1.2 | 4 |
| 1412 | Diagnostic value of microRNA-106a-5p in patients with psoriasis and its regulatory role in inflammatory responses. Dermatologica Sinica, 2021, 39, 67. | 0.2 | 4 |
| 1413 | Serum miR-195-5p Exhibits Clinical Significance in the Diagnosis of Essential Hypertension with Type 2 Diabetes Mellitus by Targeting DRD1. Clinics, 2021, 76, e2502. | 0.6 | 7 |
| 1414 | MicroRNAâ€'598 inhibits the growth of triple negative breast cancer cells by targeting JAG1. Experimental and Therapeutic Medicine, 2021, 21, 235. | 0.8 | 3 |
| 1415 | MiR-216b regulates the tumorigenesis of gastric cancer by targeting PXN. Pathology Research and Practice, 2021, 218, 153325. | 1.0 | 7 |
| 1416 | MiR-599 Protects Cardiomyocytes against Oxidative Stress-Induced Pyroptosis. BioMed Research International, 2021, 2021, 1-10. | 0.9 | 7 |
| 1417 | Super enhancer-mediated transcription of miR146a-5p drives M2 polarization during Leishmania donovani infection. PLoS Pathogens, 2021, 17, e1009343. | 2.1 | 26 |
| 1418 | Cancer and Tumour Suppressor p53 Encounters at the Juncture of Sex Disparity. Frontiers in Genetics, 2021, 12, 632719. | 1.1 | 10 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 1419 | LncRNA MEG8 promotes NSCLC progression by modulating the miR-15a-5p-miR-15b-5p/PSAT1 axis. Cancer Cell International, 2021, 21, 84. | 1.8 | 19 |
| 1420 | Diabetic Cardiomyopathy: From Mechanism to Management in a Nutshell. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 268-281. | 0.6 | 13 |
| 1421 | A Five-microRNA Signature as Risk Stratification System in Uterine Corpus Endometrial Carcinoma. Combinatorial Chemistry and High Throughput Screening, 2021, 24, 187-194. | 0.6 | 3 |
| 1422 | Epigenetic modifications of Klotho expression in kidney diseases. Journal of Molecular Medicine, 2021, 99, 581-592. | 1.7 | 17 |
| 1424 | Macrophage-derived EDA-A2 inhibits intestinal stem cells by targeting miR-494/EDA2R/ \hat{l}^2 -catenin signaling in mice. Communications Biology, 2021, 4, 213. | 2.0 | 9 |
| 1425 | miRNAs as attractive diagnostic and therapeutic targets for Familial Mediterranean Fever. Modern Rheumatology, 2021, 31, 949-959. | 0.9 | 4 |
| 1426 | MicroRNA let-7b downregulates AML1-ETO oncogene expression in t(8;21) AML by targeting its 3′UTR. Experimental Hematology and Oncology, 2021, 10, 8. | 2.0 | 12 |
| 1427 | Difference in microRNA levels in the post-mortem blood from different sampling sites: A proof of concept. Journal of Clinical Forensic and Legal Medicine, 2021, 78, 102124. | 0.5 | 3 |
| 1428 | miR-378a-5p inhibits the proliferation of colorectal cancer cells by downregulating CDK1. World Journal of Surgical Oncology, 2021, 19, 54. | 0.8 | 12 |
| 1429 | Circular RNA circARPP21 Acts as a Sponge of miR-543 to Suppress Hepatocellular Carcinoma by Regulating LIFR. OncoTargets and Therapy, 2021, Volume 14, 879-890. | 1.0 | 7 |
| 1430 | Protective role of matrine in sepsis-associated cardiac dysfunction through regulating the lncRNA PTENP1/miR-106b-5p axis. Biomedicine and Pharmacotherapy, 2021, 134, 111112. | 2.5 | 15 |
| 1431 | CircTM7SF3 contributes to oxidized low-density lipoprotein-induced apoptosis, inflammation and oxidative stress through targeting miR-206/ASPH axis in atherosclerosis cell model in vitro. BMC Cardiovascular Disorders, 2021, 21, 51. | 0.7 | 23 |
| 1432 | The Coding and Small Non-coding Hippocampal Synaptic RNAome. Molecular Neurobiology, 2021, 58, 2940-2953. | 1.9 | 10 |
| 1433 | The Risks of miRNA Therapeutics: In a Drug Target Perspective. Drug Design, Development and Therapy, 2021, Volume 15, 721-733. | 2.0 | 116 |
| 1434 | New Insights Into Oral Squamous Cell Carcinoma: From Clinical Aspects to Molecular Tumorigenesis. International Journal of Molecular Sciences, 2021, 22, 2252. | 1.8 | 44 |
| 1435 | LncRNA TRPM2-AS promotes ovarian cancer progression and cisplatin resistance by sponging miR-138-5p to release SDC3 mRNA. Aging, 2021, 13, 6832-6848. | 1.4 | 15 |
| 1436 | Visualization and Analysis in the Field of Pan-Cancer Studies and Its Application in Breast Cancer Treatment. Frontiers in Medicine, 2021, 8, 635035. | 1.2 | 8 |
| 1437 | MicroRNAâ€'1301â€'3p promotes the progression of nonâ€'small cell lung cancer by targeting Thyâ€'1 and predicts poor prognosis of patients. Oncology Letters, 2021, 21, 327. | 0.8 | 3 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1438 | A Survival-Related Competitive Endogenous RNA Network of Prognostic IncRNAs, miRNAs, and mRNAs in Wilms Tumor. Frontiers in Oncology, 2021, 11, 608433. | 1.3 | 8 |
| 1439 | Mechanism of Mir-218-5P in Autophagy, Apoptosis and Oxidative Stress in Rheumatoid Arthritis Synovial Fibroblasts is Mediated by Klf9 and Jak/Stat3 Pathways. Journal of Investigative Medicine, 2021, 69, 824-832. | 0.7 | 21 |
| 1440 | MiR-200a with CDC7 as a direct target declines cell viability and promotes cell apoptosis in Wilm's tumor via Wnt/β-catenin signaling pathway. Molecular and Cellular Biochemistry, 2021, 476, 2409-2420. | 1.4 | 9 |
| 1441 | Roles of microRNAs in Gastrointestinal Cancer Stem Cell Resistance and Therapeutic Development. International Journal of Molecular Sciences, 2021, 22, 1624. | 1.8 | 9 |
| 1442 | Epigenetic mechanisms in hepatitis B virus-associated hepatocellular carcinoma. Hepatoma Research, 2021, 2021, . | 0.6 | 14 |
| 1443 | Pathogenesis and prospects for therapeutic clinical application of noncoding RNAs in glaucoma: Systematic perspectives. Journal of Cellular Physiology, 2021, 236, 7097-7116. | 2.0 | 13 |
| 1444 | Honokiol antagonizes doxorubicin resistance in human breast cancer via miR-188-5p/FBXW7/c-Myc pathway. Cancer Chemotherapy and Pharmacology, 2021, 87, 647-656. | 1.1 | 26 |
| 1445 | MicroRNAs: Their Role in Metastasis, Angiogenesis, and the Potential for Biomarker Utility in Bladder Carcinomas. Cancers, 2021, 13, 891. | 1.7 | 22 |
| 1446 | Downregulation of miR‑1184 serves as a diagnostic biomarker in neonatal sepsis and regulates LPS‑induced inflammatory response by inhibiting IL‑16 in monocytes. Experimental and Therapeutic Medicine, 2021, 21, 350. | 0.8 | 11 |
| 1447 | Dampening the Fire: A Negative Feedback Loop in Acute Respiratory Distress Syndrome. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 158-160. | 1.4 | 3 |
| 1448 | MiR-21 Is Required for the Epithelial–Mesenchymal Transition in MDA-MB-231 Breast Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 1557. | 1.8 | 29 |
| 1449 | Transcriptomic analysis reveals tumor stage- or grade-dependent expression of miRNAs in serous ovarian cancer. Human Cell, 2021, 34, 862-877. | 1.2 | 14 |
| 1450 | miR-153 enhances the therapeutic effect of radiotherapy by targeting JAG1 in pancreatic cancer cells. Oncology Letters, 2021, 21, 300. | 0.8 | 9 |
| 1451 | Integrated Genomics Identifies miR-181/TFAM Pathway as a Critical Driver of Drug Resistance in Melanoma. International Journal of Molecular Sciences, 2021, 22, 1801. | 1.8 | 20 |
| 1452 | The Implications of ncRNAs in the Development of Human Diseases. Non-coding RNA, 2021, 7, 17. | 1.3 | 28 |
| 1453 | Therapeutic Targeting of MicroRNAs in the Tumor Microenvironment. International Journal of Molecular Sciences, 2021, 22, 2210. | 1.8 | 27 |
| 1454 | MicroRNA: a novel implication for damage and protection against ionizing radiation. Environmental Science and Pollution Research, 2021, 28, 15584-15596. | 2.7 | 20 |
| 1455 | Exosomal long non-coding RNA LINC00662 promotes non-small cell lung cancer progression by miR-320d/E2F1 axis. Aging, 2021, 13, 6010-6024. | 1.4 | 28 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1456 | Nanoâ€Oncologicals: A Tortoise Trail Reaching New Avenues. Advanced Functional Materials, 2021, 31, 2009860. | 7.8 | 13 |
| 1457 | Long noncoding RNA MNX1-AS1 functions as a competing endogenous RNA to regulate epithelial-mesenchymal transition by sponging MiR-744-5p in colorectal cancer. Bioscience, Biotechnology and Biochemistry, 2021, 85, 568-578. | 0.6 | 2 |
| 1458 | miR‑101‑3p sensitizes lung adenocarcinoma cells to irradiation via targeting BIRC5. Oncology Letters, 2021, 21, 282. | 0.8 | 11 |
| 1459 | Cancer-derived exosomal miR-7641 promotes breast cancer progression and metastasis. Cell Communication and Signaling, 2021, 19, 20. | 2.7 | 46 |
| 1460 | Hsa-miR-217 Inhibits the Proliferation, Migration, and Invasion in Non-small Cell Lung Cancer Cells Via Targeting SIRT1 and P53/KAl1 Signaling. Balkan Medical Journal, 2021, 37, 208-214. | 0.3 | 15 |
| 1461 | miRâ€425 regulates ovarian cancer proliferation, metastasis, and apoptosis by repressing PAK4 expression. Asia-Pacific Journal of Clinical Oncology, 2022, 18, 76-83. | 0.7 | 4 |
| 1462 | In Vivo Production of RNA Aptamers and Nanoparticles: Problems and Prospects. Molecules, 2021, 26, 1422. | 1.7 | 3 |
| 1463 | miRâ€'584 and miRâ€'146 are candidate biomarkers for acute respiratory distress syndrome. Experimental and Therapeutic Medicine, 2021, 21, 445. | 0.8 | 9 |
| 1465 | MicroRNAâ€'23aâ€'5p regulates cell proliferation, migration and inflammation of TNFâ€Î±â€'stimulated human fibroblastâ€'like MH7A synoviocytes by targeting TLR4 in rheumatoid arthritis. Experimental and Therapeutic Medicine, 2021, 21, 479. | 0.8 | 12 |
| 1466 | Circ_0016347 Promotes Osteosarcoma Progression by Regulating miR-1225-3p/KCNH1 Axis. Cancer Biotherapy and Radiopharmaceuticals, 2021, , . | 0.7 | 8 |
| 1467 | LncRNA SNHG6 promotes breast cancer progression and epithelial-mesenchymal transition via miR-543/LAMC1 axis. Breast Cancer Research and Treatment, 2021, 188, 1-14. | 1.1 | 16 |
| 1468 | Polo-Like Kinase 4's Critical Role in Cancer Development and Strategies for Plk4-Targeted Therapy. Frontiers in Oncology, 2021, 11, 587554. | 1.3 | 34 |
| 1469 | Micro-organic basis of functional gastrointestinal (GI) disorders: Role of microRNAs in GI pacemaking cells. Indian Journal of Gastroenterology, 2021, 40, 102-110. | 0.7 | 6 |
| 1470 | Predictive biomarkers of anti-PD-1/PD-L1 therapy in NSCLC. Experimental Hematology and Oncology, 2021, 10, 18. | 2.0 | 64 |
| 1471 | miRNAs and IncRNAs as Novel Therapeutic Targets to Improve Cancer Immunotherapy. Cancers, 2021, 13, 1587. | 1.7 | 47 |
| 1472 | The miRNA: a small but powerful RNA for COVID-19. Briefings in Bioinformatics, 2021, 22, 1137-1149. | 3.2 | 110 |
| 1473 | Development of Flow Cytometric Assay for Detecting Papillary Thyroid Carcinoma Related hsa-miR-146b-5p through Toehold-Mediated Strand Displacement Reaction on Magnetic Beads. Molecules, 2021, 26, 1628. | 1.7 | 2 |
| 1474 | Use of Omics Data in Fracture Prediction; a Scoping and Systematic Review in Horses and Humans. Animals, 2021, 11, 959. | 1.0 | 3 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1475 | Relationship between the miRNA Profiles and Oncogene Mutations in Non-Smoker Lung Cancer. Relevance for Lung Cancer Personalized Screenings and Treatments. Journal of Personalized Medicine, 2021, 11, 182. | 1.1 | 9 |
| 1476 | Multi-modal effects of 1B3, a novel synthetic miR-193a-3p mimic, support strong potential for therapeutic intervention in oncology. Oncotarget, 2021, 12, 422-439. | 0.8 | 13 |
| 1477 | FoxP3-miR-150-5p/3p suppresses ovarian tumorigenesis via an IGF1R/IRS1 pathway feedback loop. Cell Death and Disease, 2021, 12, 275. | 2.7 | 19 |
| 1478 | miR-520b Inhibits IGF-1R to Increase Doxorubicin Sensitivity and Promote Cell Apoptosis in Breast Cancer. Yakugaku Zasshi, 2021, 141, 415-426. | 0.0 | 11 |
| 1479 | Nanoparticles for delivery of agents to fetal lungs. Acta Biomaterialia, 2021, 123, 346-353. | 4.1 | 15 |
| 1480 | Recent Advances in Oligonucleotide Therapeutics in Oncology. International Journal of Molecular Sciences, 2021, 22, 3295. | 1.8 | 96 |
| 1482 | Roles of the microRNA‑338‑3p/NOVA1 axis in retinoblastoma. Molecular Medicine Reports, 2021, 23, . | 1.1 | 7 |
| 1483 | Cardiac Cell Therapy for Heart Repair: Should the Cells Be Left Out?. Cells, 2021, 10, 641. | 1.8 | 20 |
| 1484 | Maternal undernutrition modulates hepatic MicroRNAs expression in the early life of offspring. Experimental Cell Research, 2021, 400, 112450. | 1.2 | 4 |
| 1485 | Inhibition of IncRNA-NEAT1 sensitizes 5-Fu resistant cervical cancer cells through de-repressing the microRNA-34a/LDHA axis. Bioscience Reports, 2021, 41, . | 1.1 | 20 |
| 1486 | Tanshinone IIA regulates microRNA‑125b/foxp3/caspase‑1 signaling and inhibits cell viability of nasopharyngeal carcinoma. Molecular Medicine Reports, 2021, 23, . | 1.1 | 14 |
| 1487 | Gene therapy strategies for idiopathic pulmonary fibrosis: recent advances, current challenges, and future directions. Molecular Therapy - Methods and Clinical Development, 2021, 20, 483-496. | 1.8 | 21 |
| 1488 | Prognostic Value and Biological Functions of RNA Binding Proteins in Stomach Adenocarcinoma. OncoTargets and Therapy, 2021, Volume 14, 1689-1705. | 1.0 | 11 |
| 1489 | Current paradigms in epigenetic anticancer therapeutics and future challenges. Seminars in Cancer Biology, 2022, 83, 422-440. | 4.3 | 26 |
| 1490 | RNA-based therapies: A cog in the wheel of lung cancer defense. Molecular Cancer, 2021, 20, 54. | 7.9 | 53 |
| 1491 | Paclitaxel loading in cationic liposome vectors is enhanced by replacement of oleoyl with linoleoyl tails with distinct lipid shapes. Scientific Reports, 2021, 11, 7311. | 1.6 | 19 |
| 1492 | AGO-accessible anticancer siRNAs designed with synergistic miRNA-like activity. Molecular Therapy - Nucleic Acids, 2021, 23, 1172-1190. | 2.3 | 11 |
| 1493 | Targeting the epigenome in in-stent restenosis: from mechanisms to therapy. Molecular Therapy - Nucleic Acids, 2021, 23, 1136-1160. | 2.3 | 35 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1494 | Dissecting miRNA signature in colorectal cancer progression and metastasis. Cancer Letters, 2021, 501, 66-82. | 3.2 | 42 |
| 1495 | Construction of circRNA-miRNA-mRNA Network for Exploring Underlying Mechanisms of Lubrication Disorder. Frontiers in Cell and Developmental Biology, 2021, 9, 580834. | 1.8 | 2 |
| 1496 | Site-Selective Artificial Ribonucleases: Renaissance of Oligonucleotide Conjugates for Irreversible Cleavage of RNA Sequences. Molecules, 2021, 26, 1732. | 1.7 | 6 |
| 1497 | Prospective Study on Plasma MicroRNAâ€4286 and Incident Acute Coronary Syndrome. Journal of the American Heart Association, 2021, 10, e018999. | 1.6 | 10 |
| 1498 | Altered miRNA expression profiling in enamel organ of fluoride affected rat embryos. Ecotoxicology and Environmental Safety, 2021, 210, 111876. | 2.9 | 7 |
| 1499 | Cancer Immune Evasion Through Loss of MHC Class I Antigen Presentation. Frontiers in Immunology, 2021, 12, 636568. | 2.2 | 394 |
| 1500 | A comprehensive review on oncogenic miRNAs in breast cancer. Journal of Genetics, 2021, 100, 1. | 0.4 | 21 |
| 1501 | A two-stream convolutional neural network for microRNA transcription start site feature integration and identification. Scientific Reports, 2021, 11, 5625. | 1.6 | 7 |
| 1502 | Non-Coding RNAs in Cancer Diagnosis and Therapy: Focus on Lung Cancer. Cancers, 2021, 13, 1372. | 1.7 | 28 |
| 1503 | Identification of Pivotal MicroRNAs and Target Genes Associated with Persistent Atrial Fibrillation Based on Bioinformatics Analysis. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-13. | 0.7 | 5 |
| 1504 | ncRNA therapy with miRNA-22-3p suppresses the growth of triple-negative breast cancer. Molecular Therapy - Nucleic Acids, 2021, 23, 930-943. | 2.3 | 26 |
| 1505 | Nanocell-mediated delivery of miR-34a counteracts temozolomide resistance in glioblastoma. Molecular Medicine, 2021, 27, 28. | 1.9 | 8 |
| 1506 | MiR-200c-3p Contrasts PD-L1 Induction by Combinatorial Therapies and Slows Proliferation of Epithelial Ovarian Cancer through Downregulation of \hat{l}^2 -Catenin and c-Myc. Cells, 2021, 10, 519. | 1.8 | 20 |
| 1507 | MicroRNAs as Modulators of Oral Tumorigenesis—A Focused Review. International Journal of Molecular Sciences, 2021, 22, 2561. | 1.8 | 44 |
| 1508 | TAp63α Is Involved in Tobacco Smoke-Induced Lung Cancer EMT and the Anti-cancer Activity of Curcumin via miR-19 Transcriptional Suppression. Frontiers in Cell and Developmental Biology, 2021, 9, 645402. | 1.8 | 12 |
| 1509 | MicroRNAâ€'26a inhibits cell proliferation and invasion by targeting FAM98A in breast cancer. Oncology Letters, 2021, 21, 367. | 0.8 | 11 |
| 1510 | Micro1278 Leads to Tumor Growth Arrest, Enhanced Sensitivity to Oxaliplatin and Vitamin D and Inhibits Metastasis via KIF5B, CYP24A1, and BTG2, Respectively. Frontiers in Oncology, 2021, 11, 637878. | 1.3 | 10 |
| 1511 | Predicting Associations of miRNAs and Candidate Gastric Cancer Genes for Nanomedicine. Nanomaterials, 2021, 11, 691. | 1.9 | 4 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1512 | Bioinformatic Analysis of Exosomal MicroRNAs of Cerebrospinal Fluid in Ischemic Stroke Rats After Physical Exercise. Neurochemical Research, 2021, 46, 1540-1553. | 1.6 | 5 |
| 1513 | MicroRNAs as crucial mediators in the pharmacological activities of triptolide (Review). Experimental and Therapeutic Medicine, 2021, 21, 499. | 0.8 | 3 |
| 1514 | Clinical significance of miR‑1298 in cervical cancer and its biological function ⟨i⟩inÂvitro⟨/i⟩. Oncology Letters, 2021, 21, 401. | 0.8 | 4 |
| 1515 | Peripheral Blood Genetic Biomarkers for the Early Diagnosis of Hepatocellular Carcinoma. Frontiers in Oncology, 2021, 11, 583714. | 1.3 | 9 |
| 1516 | MiRâ€155 promotes colitisâ€associated intestinal fibrosis by targeting HBP1/Wnt/βâ€catenin signalling pathway. Journal of Cellular and Molecular Medicine, 2021, 25, 4765-4775. | 1.6 | 16 |
| 1517 | MicroRNA-935 Directly Targets FZD6 to Inhibit the Proliferation of Human Glioblastoma and Correlate to Glioma Malignancy and Prognosis. Frontiers in Oncology, 2021, 11, 566492. | 1.3 | 9 |
| 1518 | MicroRNA-based therapy of postmyocardial infarction heart failure. Hellenic Journal of Cardiology, 2021, 62, 149-151. | 0.4 | 2 |
| 1519 | microRNAâ€'23 inhibits inflammation to alleviate rheumatoid arthritis via regulating CXCL12. Experimental and Therapeutic Medicine, 2021, 21, 459. | 0.8 | 4 |
| 1520 | Biological relevance and therapeutic potential of G-quadruplex structures in the human noncoding transcriptome. Nucleic Acids Research, 2021, 49, 3617-3633. | 6.5 | 50 |
| 1521 | Designing of Nanomaterials-Based Enzymatic Biosensors: Synthesis, Properties, and Applications. Electrochem, 2021, 2, 149-184. | 1.7 | 48 |
| 1522 | Cross-Linking Ligation and Sequencing of Hybrids (qCLASH) Reveals an Unpredicted miRNA Targetome in Melanoma Cells. Cancers, 2021, 13, 1096. | 1.7 | 14 |
| 1523 | Expression and significance of <scp>microRNA</scp> â€126 and <scp>VCAM</scp> â€1 in placental tissues of women with earlyâ€onset preeclampsia. Journal of Obstetrics and Gynaecology Research, 2021, 47, 2042-2050. | 0.6 | 12 |
| 1524 | EBV and the Pathogenesis of NK/T Cell Lymphoma. Cancers, 2021, 13, 1414. | 1.7 | 31 |
| 1525 | The Multifaceted Role and Utility of MicroRNAs in Indolent B-Cell Non-Hodgkin Lymphomas. Biomedicines, 2021, 9, 333. | 1.4 | 18 |
| 1527 | Plasma-derived exosomal miR-4732-5p is a promising noninvasive diagnostic biomarker for epithelial ovarian cancer. Journal of Ovarian Research, 2021, 14, 59. | 1.3 | 29 |
| 1528 | HOTAIR/miR-17-5p Axis is Involved in the Propofol-Mediated Cardioprotection Against Ischemia/Reperfusion Injury. Clinical Interventions in Aging, 2021, Volume 16, 621-632. | 1.3 | 17 |
| 1529 | High Expression of microRNA-223 Indicates a Good Prognosis in Triple-Negative Breast Cancer. Frontiers in Oncology, 2021, 11, 630432. | 1.3 | 11 |
| 1530 | Therapeutic strategies for miRNA delivery to reduce hepatocellular carcinoma. Seminars in Cell and Developmental Biology, 2022, 124, 134-144. | 2.3 | 29 |

| # | Article | IF | CITATIONS |
|--------------|---|-----|-----------|
| 1531 | Strategic targeting of nonâ€smallâ€cell lung cancer utilizing genetic materialâ€based delivery platforms of nanotechnology. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22784. | 1.4 | 12 |
| 1532 | Double Insurance for OC: miRNA-Mediated Platinum Resistance and Immune Escape. Frontiers in Immunology, 2021, 12, 641937. | 2.2 | 5 |
| 1533 | Modulation of microRNome by Human Cytomegalovirus and Human Herpesvirus 6 Infection in Human Dermal Fibroblasts: Possible Significance in the Induction of Fibrosis in Systemic Sclerosis. Cells, 2021, 10, 1060. | 1.8 | 10 |
| 1535 | Modulating host gene expression via gut microbiome–microRNA interplay to treat human diseases. Critical Reviews in Microbiology, 2021, 47, 596-611. | 2.7 | 4 |
| 1536 | Development of a miRNA Sensor by an Inducible CRISPR-Cas9 Construct in Ciona Embryogenesis. Molecular Biotechnology, 2021, 63, 613-620. | 1.3 | 5 |
| 1537 | LncRNA DANCR regulates lymphatic metastasis of bladder cancer via the miR-335/VEGF-C axis. Translational Andrology and Urology, 2021, 10, 1743-1753. | 0.6 | 11 |
| 1538 | Crosstalk between microRNA expression and DNA methylation drives the hormone-dependent phenotype of breast cancer. Genome Medicine, 2021, 13, 72. | 3.6 | 27 |
| 1539 | MicroRNAs: Emerging oncogenic and tumor-suppressive regulators, biomarkers and therapeutic targets in lung cancer. Cancer Letters, 2021, 502, 71-83. | 3.2 | 31 |
| 1540 | The functional activity of the miR-1914-5p in lipid metabolism of the hepatocarcinoma cell line HepG2: a potential molecular tool for controlling hepatic cellular migration. Molecular Biology Reports, 2021, 48, 3463-3474. | 1.0 | 1 |
| 1541 | Long nonâ€coding RNA LINC01137 contributes to oral squamous cell carcinoma development and is negatively regulated by miR-22-3p. Cellular Oncology (Dordrecht), 2021, 44, 595-609. | 2.1 | 17 |
| 1542 | The APEX1/miRNA-27a-5p axis plays key roles in progression, metastasis and targeted chemotherapy of gastric cancer. International Journal of Pharmaceutics, 2021, 599, 120446. | 2.6 | 11 |
| 1 543 | <scp>miR</scp> â€493 by regulating of <scp>câ€Jun</scp> targets Wnt5a/ <scp>PD‣1</scp> â€Inducing esophageal cancer cell development. Thoracic Cancer, 2021, 12, 1579-1588. | 0.8 | 8 |
| 1544 | Downregulating Long Non-coding RNAs CTBP1-AS2 Inhibits Colorectal Cancer Development by Modulating the miR-93-5p/TGF- \hat{l}^2 /SMAD2/3 Pathway. Frontiers in Oncology, 2021, 11, 626620. | 1.3 | 11 |
| 1545 | Immunity reloaded: Deconstruction of the PD-1 axis in B cell lymphomas. Blood Reviews, 2021, 50, 100832. | 2.8 | 5 |
| 1546 | MicroRNAâ€'325 inhibits the proliferation and induces the apoptosis of TÂcell acute lymphoblastic leukemia cells in a BAG2â€'dependent manner. Experimental and Therapeutic Medicine, 2021, 21, 631. | 0.8 | 5 |
| 1547 | miR-1301-3p Promotes Cell Proliferation and Facilitates Cell Cycle Progression via Targeting SIRT1 in Gastric Cancer. Frontiers in Oncology, 2021, 11, 664242. | 1.3 | 11 |
| 1548 | Exosomal microRNAs and exosomal long non-coding RNAs in gynecologic cancers. Gynecologic Oncology, 2021, 161, 314-327. | 0.6 | 54 |
| 1549 | Differential miRNAs in acute spontaneous coronary artery dissection: Pathophysiological insights from a potential biomarker. EBioMedicine, 2021, 66, 103338. | 2.7 | 10 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1550 | Discovery of Surfactins as Inhibitors of MicroRNA Processing Using Cat-ELCCA. ACS Medicinal Chemistry Letters, 2021, 12, 878-886. | 1.3 | 10 |
| 1551 | miR-455-5p regulates atrial fibrillation by targeting suppressor of cytokines signaling 3. Journal of Physiology and Biochemistry, 2021, 77, 481-490. | 1.3 | 10 |
| 1552 | Role of miRNA-19a in Cancer Diagnosis and Poor Prognosis. International Journal of Molecular Sciences, 2021, 22, 4697. | 1.8 | 25 |
| 1553 | microRNA Fine-Tuning of the Germinal Center Response. Frontiers in Immunology, 2021, 12, 660450. | 2.2 | 6 |
| 1554 | Prospects of Non-Coding Elements in Genomic DNA Based Gene Therapy. Current Gene Therapy, 2022, 22, 89-103. | 0.9 | 3 |
| 1555 | Reduction in miRâ€219 expression underlies cellular pathogenesis of oligodendrocytes in a mouse model of Krabbe disease. Brain Pathology, 2021, 31, e12951. | 2.1 | 5 |
| 1556 | Epigenetic Mechanisms Involved in the Cardiovascular Toxicity of Anticancer Drugs. Frontiers in Cardiovascular Medicine, 2021, 8, 658900. | 1.1 | 7 |
| 1557 | MicroRNA-155-5p promotes tumor progression and contributes to paclitaxel resistance via TP53INP1 in human breast cancer. Pathology Research and Practice, 2021, 220, 153405. | 1.0 | 16 |
| 1558 | LINC00958 promotes endometrial cancer cell proliferation and metastasis by regulating the miRâ€145â€3p/TCF4 axis. Journal of Gene Medicine, 2021, 23, e3345. | 1.4 | 8 |
| 1559 | Impaired AGO2/miR-185-3p/NRP1 axis promotes colorectal cancer metastasis. Cell Death and Disease, 2021, 12, 390. | 2.7 | 22 |
| 1560 | MicroRNA-653-5p Promotes Gastric Cancer Proliferation and Metastasis by Targeting the SOCS6-STAT3 Pathway. Frontiers in Molecular Biosciences, 2021, 8, 655580. | 1.6 | 9 |
| 1561 | <i>miR-15a/16-1</i> deletion in activated B cells promotes plasma cell and mature B-cell neoplasms. Blood, 2021, 137, 1905-1919. | 0.6 | 8 |
| 1562 | MicroRNA-210-3p Promotes Chondrogenic Differentiation and Inhibits Adipogenic Differentiation Correlated with HIF-3α Signalling in Bone Marrow Mesenchymal Stem Cells. BioMed Research International, 2021, 2021, 1-8. | 0.9 | 6 |
| 1563 | Construction of liver hepatocellular carcinoma-specific IncRNA-miRNA-mRNA network based onÂbioinformatics analysis. PLoS ONE, 2021, 16, e0249881. | 1.1 | 4 |
| 1564 | hsa-miR-33-5p as a Therapeutic Target Promotes Apoptosis of Breast Cancer Cells via Selenoprotein T. Frontiers in Medicine, 2021, 8, 651473. | 1.2 | 4 |
| 1565 | Exosomal miR-21-5p contributes to ovarian cancer progression by regulating CDK6. Human Cell, 2021, 34, 1185-1196. | 1.2 | 32 |
| 1566 | Reck-Notch1 Signaling Mediates miR-221/222 Regulation of Lung Cancer Stem Cells in NSCLC. Frontiers in Cell and Developmental Biology, 2021, 9, 663279. | 1.8 | 11 |
| 1567 | Targeted Therapy in Cardiovascular Disease: A Precision Therapy Era. Frontiers in Pharmacology, 2021, 12, 623674. | 1.6 | 12 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1568 | TGF- \hat{l}^2 signaling and microRNA cross-talk regulates abdominal aortic aneurysm progression. Clinica Chimica Acta, 2021, 515, 90-95. | 0.5 | 8 |
| 1569 | DNAzyme cascade circuits in highly integrated DNA nanomachines for sensitive microRNAs imaging in living cells. Biosensors and Bioelectronics, 2021, 177, 112976. | 5.3 | 26 |
| 1570 | LINC01207 is up-regulated in gastric cancer tissues and promotes disease progression by regulating miR-671-5p/DDX5 axis. Journal of Biochemistry, 2021, 170, 337-347. | 0.9 | 5 |
| 1571 | The Regulating Effect of Autophagy-Related MiRNAs in Kidney, Bladder, and Prostate Cancer. Journal of Oncology, 2021, 2021, 1-8. | 0.6 | 5 |
| 1572 | MicroRNA-27a promotes tumorigenesis in tongue squamous cell carcinoma by enhancing proliferation, migration and suppressing apoptosis. European Archives of Oto-Rhino-Laryngology, 2021, 278, 4557-4567. | 0.8 | 1 |
| 1573 | Epigenetics, microRNA and Metabolic Syndrome: A Comprehensive Review. International Journal of Molecular Sciences, 2021, 22, 5047. | 1.8 | 38 |
| 1574 | MicroRNAs in Metastasis and the Tumour Microenvironment. International Journal of Molecular Sciences, 2021, 22, 4859. | 1.8 | 10 |
| 1575 | Nano-ghosts: Novel biomimetic nano-vesicles for the delivery of antisense oligonucleotides. Journal of Controlled Release, 2021, 333, 28-40. | 4.8 | 14 |
| 1576 | Focus on the Complex Interconnection between Cancer, Narcolepsy and Other Neurodegenerative Diseases: A Possible Case of Orexin-Dependent Inverse Comorbidity. Cancers, 2021, 13, 2612. | 1.7 | 22 |
| 1577 | MicroRNAs in the regulation of autophagy and their possible use in age-related macular degeneration therapy. Ageing Research Reviews, 2021, 67, 101260. | 5.0 | 23 |
| 1578 | miR-20a suppresses Treg differentiation by targeting Map3k9 in experimental autoimmune encephalomyelitis. Journal of Translational Medicine, 2021, 19, 223. | 1.8 | 5 |
| 1579 | The human vault RNA enhances tumorigenesis and chemoresistance through the lysosome in hepatocellular carcinoma. Autophagy, 2022, 18, 191-203. | 4.3 | 13 |
| 1580 | NEAT1/hsa-miR-372–3p axis participates in rapamycin-induced lipid metabolic disorder. Free Radical Biology and Medicine, 2021, 167, 1-11. | 1.3 | 7 |
| 1581 | miR‑135a‑5p inhibits tumor invasion byÂtargeting ANGPT2 in gallbladder cancer. Molecular Medicine Reports, 2021, 24, . | 1.1 | 9 |
| 1582 | Long non-coding RNA Xist regulates oocyte loss via suppressing miR-23b-3p/miR-29a-3p maturation and upregulating STX17 in perinatal mouse ovaries. Cell Death and Disease, 2021, 12, 540. | 2.7 | 17 |
| 1583 | Personalized Medicine Using Cutting Edge Technologies for Genetic Epilepsies. Current Neuropharmacology, 2021, 19, 813-831. | 1.4 | 3 |
| 1584 | Epigenetic Regulation of Hepatocellular Carcinoma Progression through the mTOR Signaling Pathway. Canadian Journal of Gastroenterology and Hepatology, 2021, 2021, 1-9. | 0.8 | 8 |
| 1585 | Bioinformatics Analysis of a Prognostic miRNA Signature and Potential Key Genes in Pancreatic Cancer. Frontiers in Oncology, 2021, 11, 641289. | 1.3 | 16 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1586 | miRNA dysregulation is an emerging modulator of genomic instability. Seminars in Cancer Biology, 2021, 76, 120-131. | 4.3 | 49 |
| 1587 | Novel Soluble Mediators of Innate Immune System Activation in Solid Allograft Rejection. Transplantation, 2022, 106, 500-509. | 0.5 | 7 |
| 1589 | MiR-3663-3p Inhibits the Progression of Gastric Cancer Through the CCND1 Pathway. Anticancer Research, 2021, 41, 2441-2449. | 0.5 | 3 |
| 1590 | miRNA-Mediated Control of B Cell Responses in Immunity and SLE. Frontiers in Immunology, 2021, 12, 683710. | 2.2 | 15 |
| 1591 | MiRâ€3130â€5p is an intermediate modulator of 2q33 and influences the invasiveness of lung adenocarcinoma by targeting NDUFS1. Cancer Medicine, 2021, 10, 3700-3714. | 1.3 | 7 |
| 1592 | Exogenous Plant gma-miR-159a, Identified by miRNA Library Functional Screening, Ameliorated Hepatic Stellate Cell Activation and Inflammation via Inhibiting GSK-3β-Mediated Pathways. Journal of Inflammation Research, 2021, Volume 14, 2157-2172. | 1.6 | 12 |
| 1593 | Methylation and Noncoding RNAs in Gastric Cancer: Everything Is Connected. International Journal of Molecular Sciences, 2021, 22, 5683. | 1.8 | 15 |
| 1594 | Specific microRNA/mRNA expression profiles and novel immune regulation mechanisms are induced in THPâ€1 macrophages by in vitro exposure to <i>Trichosporon asahii</i> . Mycoses, 2021, 64, 831-840. | 1.8 | 2 |
| 1595 | Tumor Immune Microenvironment and Its Related miRNAs in Tumor Progression. Frontiers in Immunology, 2021, 12, 624725. | 2.2 | 43 |
| 1596 | Dietary Selenium Regulates microRNAs in Metabolic Disease: Recent Progress. Nutrients, 2021, 13, 1527. | 1.7 | 6 |
| 1597 | MicroRNA Therapeutics in Cancer: Current Advances and Challenges. Cancers, 2021, 13, 2680. | 1.7 | 82 |
| 1598 | HNF1A regulates colorectal cancer progression and drug resistance as a downstream of POU5F1. Scientific Reports, 2021, 11, 10363. | 1.6 | 11 |
| 1599 | miRNAs Modulate the Dichotomy of Cisplatin Resistance or Sensitivity in Breast Cancer: An Update of Therapeutic Implications. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 1069-1081. | 0.9 | 7 |
| 1600 | Hyperoside ameliorates diabetic nephropathy induced by STZ via targeting the miR-499–5p/APC axis. Journal of Pharmacological Sciences, 2021, 146, 10-20. | 1.1 | 23 |
| 1601 | Innovations in Biomaterial Design toward Successful RNA Interference Therapy for Cancer Treatment. Advanced Healthcare Materials, 2021, 10, e2100350. | 3.9 | 18 |
| 1602 | Prognostic value of microRNA‑378 in esophageal cancer and its regulatory effect on tumor progression. Experimental and Therapeutic Medicine, 2021, 22, 704. | 0.8 | 3 |
| 1603 | Circular RNA Circ0021205 Promotes Cholangiocarcinoma Progression Through MiR-204-5p/RAB22A Axis. Frontiers in Cell and Developmental Biology, 2021, 9, 653207. | 1.8 | 17 |
| 1604 | Extracellular Vesicles from Human Umbilical Cord Mesenchymal Stem Cells Facilitate Diabetic Wound Healing Through MiR-17-5p-mediated Enhancement of Angiogenesis. Stem Cell Reviews and Reports, 2022, 18, 1025-1040. | 1.7 | 41 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1605 | Long Noncoding RNA CCDC26 Promotes Thyroid Cancer Malignant Progression via miR-422a/EZH2/Sirt6 Axis. OncoTargets and Therapy, 2021, Volume 14, 3083-3094. | 1.0 | 4 |
| 1606 | Potential treatment for chronic myeloid leukemia using microRNA: in silico comparison between plants and human microRNAs in targeting BCR-ABL1 gene. Egyptian Journal of Medical Human Genetics, 2021, 22, . | 0.5 | 4 |
| 1607 | MicroRNA-1-3p Suppresses Malignant Phenotypes of Ameloblastoma Through Down-Regulating Lysosomal Associated Membrane Protein 2-Mediated Autophagy. Frontiers in Medicine, 2021, 8, 670188. | 1.2 | 6 |
| 1608 | Epigenetic Contribution and Genomic Imprinting Dlk1-Dio3 miRNAs in Systemic Lupus Erythematosus. Genes, 2021, 12, 680. | 1.0 | 11 |
| 1609 | Identification of potential serum exosomal microRNAs involved in acinar-ductal metaplasia that is a precursor of pancreatic cancer associated with chronic pancreatitis. Medicine (United States), 2021, 100, e25753. | 0.4 | 7 |
| 1610 | Context-Dependent miR-21 Regulation of TLR7-Mediated Autoimmune and Foreign Antigen–Driven Antibody-Forming Cell and Germinal Center Responses. Journal of Immunology, 2021, 206, 2803-2818. | 0.4 | 5 |
| 1611 | miR-21 antagonism reprograms macrophage metabolism and abrogates chronic allograft vasculopathy. American Journal of Transplantation, 2021, 21, 3280-3295. | 2.6 | 14 |
| 1612 | Macrophage miR-210 induction and metabolic reprogramming in response to pathogen interaction boost life-threatening inflammation. Science Advances, 2021, 7, . | 4.7 | 26 |
| 1613 | New PCSK9 inhibitor miR-552-3p reduces LDL-C via enhancing LDLR in high fat diet-fed mice. Pharmacological Research, 2021, 167, 105562. | 3.1 | 19 |
| 1614 | Comprehensive machine-learning-based analysis of microRNA–target interactions reveals variable transferability of interaction rules across species. BMC Bioinformatics, 2021, 22, 264. | 1.2 | 6 |
| 1615 | miR-720 is a key regulator of glioma migration and invasion by controlling TARSL2 expression. Human Cell, 2021, 34, 1504-1516. | 1.2 | 6 |
| 1616 | Improved delivery of miR-1296 loaded cationic nanoliposomes for effective suppression of triple negative breast cancer. Saudi Pharmaceutical Journal, 2021, 29, 446-455. | 1.2 | 12 |
| 1617 | Sustained delivery of MMP-9 siRNA via thermosensitive hydrogel accelerates diabetic wound healing. Journal of Nanobiotechnology, 2021, 19, 130. | 4.2 | 43 |
| 1618 | Fatty acid \hat{l}^2 -oxidation promotes breast cancer stemness and metastasis via the miRNA-328-3p-CPT1A pathway. Cancer Gene Therapy, 2022, 29, 383-395. | 2.2 | 20 |
| 1619 | Inhibition of circRNA circVPS33B Reduces Warburg Effect and Tumor Growth Through Regulating the miR-873-5p/HNRNPK Axis in Infiltrative Gastric Cancer. OncoTargets and Therapy, 2021, Volume 14, 3095-3108. | 1.0 | 5 |
| 1620 | HOXA13, Negatively Regulated by miR-139-5p, Decreases the Sensitivity of Gastric Cancer to 5-Fluorouracil Possibly by Targeting ABCC4. Frontiers in Oncology, 2021, 11, 645979. | 1.3 | 3 |
| 1621 | LncRNA-HCG18 regulates the viability, apoptosis, migration, invasion and epithelial-mesenchymal transition of papillary thyroid cancer cells via regulating the miR-106a-5p/PPP2R2A axis. Pathology Research and Practice, 2021, 221, 153395. | 1.0 | 17 |
| 1622 | Long noncoding RNA TUG1 regulates the progression of colorectal cancer through miR-542-3p/TRIB2 axis and Wnt/ \hat{l}^2 -catenin pathway. Diagnostic Pathology, 2021, 16, 47. | 0.9 | 11 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1623 | MicroRNA: A Potential Diagnosis for Male Infertility. Mini-Reviews in Medicinal Chemistry, 2021, 21, 1226-1236. | 1.1 | 6 |
| 1624 | Human cytomegalovirus (HCMV)-encoded microRNAs: potential biomarkers and clinical applications. RNA Biology, 2021, 18, 2194-2202. | 1.5 | 12 |
| 1625 | Combinatorial targeting of microRNA-26b and microRNA-101 exerts a synergistic inhibition on cyclooxygenase-2 in brain metastatic triple-negative breast cancer cells. Breast Cancer Research and Treatment, 2021, 187, 695-713. | 1.1 | 17 |
| 1626 | miRNA-Based Therapeutics in Breast Cancer: A Systematic Review. Frontiers in Oncology, 2021, 11, 668464. | 1.3 | 33 |
| 1627 | Recent advances in liposome formulations for breast cancer therapeutics. Cellular and Molecular Life Sciences, 2021, 78, 5225-5243. | 2.4 | 41 |
| 1628 | Therapeutic Potential of microRNA Against Th2-associated Immune Disorders. Current Topics in Medicinal Chemistry, 2021, 21, 753-766. | 1.0 | 7 |
| 1629 | <scp>microRNA</scp> â€based diagnostic and therapeutic applications in cancer medicine. Wiley Interdisciplinary Reviews RNA, 2021, 12, e1662. | 3.2 | 55 |
| 1630 | MicroRNAâ€'133b alleviates doxorubicinâ€'induced cardiomyocyte apoptosis and cardiac fibrosis by targeting PTBP1 and TAGLN2. International Journal of Molecular Medicine, 2021, 48, . | 1.8 | 17 |
| 1631 | MicroRNA-877-5p alleviates ARDS via enhancing PI3K/Akt path by targeting CDKN1B both in vivo and in vitro. International Immunopharmacology, 2021, 95, 107530. | 1.7 | 7 |
| 1632 | Design and Application of Miniâ€libraries of miRNA Probes for an Efficient and Versatile miRNAâ€mRNA Crossâ€linking. Chemistry - A European Journal, 2021, 27, 10193-10200. | 1.7 | 5 |
| 1633 | miRNA signaling networks in cancer stem cells. Regenerative Therapy, 2021, 17, 1-7. | 1.4 | 22 |
| 1634 | miR-593-3p Promotes Proliferation and Invasion in Prostate Cancer Cells by Targeting ADIPOR1. OncoTargets and Therapy, 2021, Volume 14, 3729-3737. | 1.0 | 7 |
| 1635 | Study on the Effects of miR-490-3p on the Malignant Biological Behavior of Lung Tumor Cell A549 and Its Molecular Mechanism. Journal of Biomaterials and Tissue Engineering, 2021, 11, 1160-1167. | 0.0 | 1 |
| 1636 | Ferroptosis Holds Novel Promise in Treatment of Cancer Mediated by Non-coding RNAs. Frontiers in Cell and Developmental Biology, 2021, 9, 686906. | 1.8 | 12 |
| 1637 | An Assessment on Ethanol-Blended Gasoline/Diesel Fuels on Cancer Risk and Mortality. International Journal of Environmental Research and Public Health, 2021, 18, 6930. | 1.2 | 7 |
| 1638 | Cancer-associated miRNAs and their therapeutic potential. Journal of Human Genetics, 2021, 66, 937-945. | 1.1 | 51 |
| 1639 | A Review of miR-326 and Female Related Diseases. Acta Histochemica Et Cytochemica, 2021, 54, 79-86. | 0.8 | 5 |
| 1640 | Nextâ€generation sequencing of miRNAs and lncRNAs from rat femur and tibia under mechanical stress. Molecular Medicine Reports, 2021, 24, . | 1.1 | 2 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1641 | The local anesthetic ropivacaine suppresses progression of breast cancer by regulating miR-27b-3p/YAP axis. Aging, 2021, 13, 16341-16352. | 1.4 | 21 |
| 1642 | Effects of lncRNA ANRILâ€'knockdown on the proliferation, apoptosis and cell cycle of gastric cancer cells. Oncology Letters, 2021, 22, 621. | 0.8 | 8 |
| 1643 | Integrated Bioinformatic Analysis of Competing Endogenous RNA Network of Choriocarcinoma. Medical Science Monitor, 2021, 27, e931475. | 0.5 | 2 |
| 1644 | Identification of Tumor Suppressive Genes Regulated by miR-31-5p and miR-31-3p in Head and Neck Squamous Cell Carcinoma. International Journal of Molecular Sciences, 2021, 22, 6199. | 1.8 | 17 |
| 1645 | Bioinformatics Analysis of Choriocarcinoma-Related MicroRNA-Transcription Factor-Target Gene Regulatory Networks and Validation of Key miRNAs. OncoTargets and Therapy, 2021, Volume 14, 3903-3919. | 1.0 | 3 |
| 1646 | Hsa_circRNA_102229 facilitates the progression of tripleâ€negative breast cancer via regulating the miRâ€152â€3p/PFTK1 pathway. Journal of Gene Medicine, 2021, 23, e3365. | 1.4 | 9 |
| 1647 | miR‑29b suppresses proliferation and induces apoptosis of hepatocellular carcinoma ascites H22 cells viaÂregulating TGFâ€Î²1 and p53 signaling pathway. International Journal of Molecular Medicine, 2021, 48, . | 1.8 | 5 |
| 1648 | Enhancing the sensitivity of ovarian cancer cells to olaparib via microRNA-20b-mediated cyclin D1 targeting. Experimental Biology and Medicine, 2021, 246, 1297-1306. | 1.1 | 2 |
| 1649 | miR-133a-5p suppresses gastric cancer through TCF4 down-regulation. Journal of Gastrointestinal Oncology, 2021, 12, 1007-1019. | 0.6 | 14 |
| 1650 | MicroRNA-222 alleviates radiation-induced apoptosis by targeting BCL2L11 in cochlea hair cells. Bioscience Reports, 2021, 41, . | 1.1 | 2 |
| 1651 | The HSF1/miR-135b-5p axis induces protective autophagy to promote oxaliplatin resistance through the MUL1/ULK1 pathway in colorectal cancer. Oncogene, 2021, 40, 4695-4708. | 2.6 | 28 |
| 1652 | Antisense microRNA185 loaded liposome for efficient inhibition of the hepatic endogenous microRNA185 level. European Journal of Pharmaceutical Sciences, 2021, 161, 105803. | 1.9 | 6 |
| 1653 | Levobupivacaine Induces Ferroptosis by miR-489-3p/SLC7A11 Signaling in Gastric Cancer. Frontiers in Pharmacology, 2021, 12, 681338. | 1.6 | 38 |
| 1654 | miR-433-3p suppresses bone formation and mRNAs critical for osteoblast function in mice. Journal of Bone and Mineral Research, 2020, 36, 1808-1822. | 3.1 | 8 |
| 1655 | miR-181b-5p Promotes the Progression of Cholangiocarcinoma by Targeting PARK2 via PTEN/PI3K/AKT Signaling Pathway. Biochemical Genetics, 2022, 60, 223-240. | 0.8 | 12 |
| 1656 | MiR-337-3p lowers serum LDL-C level through targeting PCSK9 in hyperlipidemic mice. Metabolism: Clinical and Experimental, 2021, 119, 154768. | 1.5 | 12 |
| 1657 | Engineering Gene Therapy: Advances and Barriers. Advanced Therapeutics, 2021, 4, 2100040. | 1.6 | 23 |
| 1658 | Tetrahedral DNA nanostructures functionalized by multivalent microRNA132 antisense oligonucleotides promote the differentiation of mouse embryonic stem cells into dopaminergic neurons. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 34, 102375. | 1.7 | 8 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1659 | Inhibition of miR-145-5p Reduces Spinal Cord Injury-Induced Inflammatory and Oxidative Stress Responses via Affecting Nurr1-TNF-1± Signaling Axis. Cell Biochemistry and Biophysics, 2021, 79, 791-799. | 0.9 | 8 |
| 1660 | Analysis of periodontitis-associated miRNAs in gingival tissue, gingival crevicular fluid, saliva and blood plasma. Archives of Oral Biology, 2021, 126, 105125. | 0.8 | 9 |
| 1661 | RNA pull-down confocal nanoscanning (RP-CONA) detects quercetin as pri-miR-7/HuR interaction inhibitor that decreases \hat{l}_{\pm} -synuclein levels. Nucleic Acids Research, 2021, 49, 6456-6473. | 6.5 | 7 |
| 1662 | MiR-133a-3p inhibits the malignant progression of oesophageal cancer by targeting CDCA8. Journal of Biochemistry, 2021, 170, 689-698. | 0.9 | 8 |
| 1663 | MicroRNAs: emerging driver of cancer perineural invasion. Cell and Bioscience, 2021, 11, 117. | 2.1 | 18 |
| 1664 | Differential microRNA Expression in Newcastle Disease Virus-Infected HeLa Cells and Its Role in Regulating Virus Replication. Frontiers in Oncology, 2021, 11, 616809. | 1.3 | 6 |
| 1665 | Regulation of Osteoclastogenesis and Bone Resorption by miRNAs. Frontiers in Cell and Developmental Biology, 2021, 9, 651161. | 1.8 | 19 |
| 1666 | Assessment of MicroRNA (miR)-365 Effects on Oral Squamous Carcinoma Cell Line Phenotypes. Biomolecules, 2021, 11, 874. | 1.8 | 6 |
| 1667 | miR-760 mediated the proliferation and metastasis of hepatocellular carcinoma cells by regulating HMGA2. Pathology Research and Practice, 2021, 222, 153420. | 1.0 | 1 |
| 1668 | miR-504 Promoted Gastric Cancer Cell Proliferation and Inhibited Cell Apoptosis by Targeting RBM4. Journal of Immunology Research, 2021, 2021, 1-8. | 0.9 | 3 |
| 1669 | LncRNA TP73-AS1 promotes oxidized low-density lipoprotein-induced apoptosis of endothelial cells in atherosclerosis by targeting the miR-654-3p/AKT3 axis. Cellular and Molecular Biology Letters, 2021, 26, 27. | 2.7 | 12 |
| 1670 | Integrative Multi-Omics Reveals Serum Markers of Tuberculosis in Advanced HIV. Frontiers in Immunology, 2021, 12, 676980. | 2.2 | 12 |
| 1671 | Low Serum miR-607 Level as a Potential Diagnostic and Prognostic Biomarker in Patients of Pancreatic Ductal Adenocarcinoma: A Preliminary Study. Canadian Journal of Gastroenterology and Hepatology, 2021, 2021, 1-11. | 0.8 | 6 |
| 1672 | N6-Methyladenosine Associated Silencing of miR-193b Promotes Cervical Cancer Aggressiveness by Targeting CCND1. Frontiers in Oncology, 2021, 11, 666597. | 1.3 | 13 |
| 1673 | Competing Endogenous RNAs in Cervical Carcinogenesis: A New Layer of Complexity. Processes, 2021, 9, 991. | 1.3 | 1 |
| 1674 | Targeting microRNAs to Regulate the Integrity of the Blood–Brain Barrier. Frontiers in Bioengineering and Biotechnology, 2021, 9, 673415. | 2.0 | 9 |
| 1675 | Comparison of the Clinical Value of miRNAs and Conventional Biomarkers in AMI: A Systematic Review. Frontiers in Genetics, 2021, 12, 668324. | 1.1 | 9 |
| 1676 | Blocking miR-27a-3p sensitises Taxol resistant osteosarcoma cells through targeting Fbxw7. Bulletin Du Cancer, 2021, 108, 596-604. | 0.6 | 7 |

| # | Article | IF | Citations |
|------|---|------|-----------|
| 1677 | MiR-520b inhibits endothelial activation by targeting NF- \hat{l}^2 B p65-VCAM1 axis. Biochemical Pharmacology, 2021, 188, 114540. | 2.0 | 7 |
| 1678 | Additive contribution of microRNA-34a/b/c to human arterial ageing and atherosclerosis. Atherosclerosis, 2021, 327, 49-58. | 0.4 | 25 |
| 1679 | Noncoding RNA therapeutics â€" challenges and potential solutions. Nature Reviews Drug Discovery, 2021, 20, 629-651. | 21.5 | 749 |
| 1680 | A Comprehensive Analysis of the Downregulation of miRNA-1827 and Its Prognostic Significance by Targeting SPTBN2 and BCL2L1 in Ovarian Cancer. Frontiers in Molecular Biosciences, 2021, 8, 687576. | 1.6 | 6 |
| 1681 | Downregulation of MicroRNA-130a Inhibits Oral Squamous Cell Carcinoma Proliferation and Metastasis via the Hippo-YAP Pathway. Cancer Management and Research, 2021, Volume 13, 4829-4840. | 0.9 | 5 |
| 1682 | Identification of Small Molecule Inhibitors of a Mir155 Transcriptional Reporter in Th17 Cells. Scientific Reports, 2021, 11, 11498. | 1.6 | 2 |
| 1683 | Vitamin D promotes autophagy in AML cells by inhibiting miR-17-5p-induced Beclin-1 overexpression. Molecular and Cellular Biochemistry, 2021, 476, 3951-3962. | 1.4 | 6 |
| 1684 | RNA: Opening New Doors in Medicinal Chemistry, a Special Issue. ACS Medicinal Chemistry Letters, 2021, 12, 851-853. | 1.3 | 3 |
| 1685 | MicroRNA-206 suppresses mesothelioma progression via the Ras signaling axis. Molecular Therapy - Nucleic Acids, 2021, 24, 669-681. | 2.3 | 16 |
| 1686 | miR-218-5p inhibits the malignant progression of glioma via targeting TCF12. Tumori, 2022, 108, 338-346. | 0.6 | 3 |
| 1687 | MiR-20a-5p Regulates MPP+-Induced Oxidative Stress and Neuroinflammation in HT22 Cells by Targeting IRF9/NF-ÎB Axis. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-9. | 0.5 | 5 |
| 1688 | Systems glycobiology for discovering drug targets, biomarkers, and rational designs for glyco-immunotherapy. Journal of Biomedical Science, 2021, 28, 50. | 2.6 | 5 |
| 1689 | The Processing and Regulation of Intronic miRNAs Are Independent of Their Host Genes in Arabidopsis. Plant Molecular Biology Reporter, $0, 1$. | 1.0 | 0 |
| 1690 | DANE-MDA: Predicting microRNA-disease associations via deep attributed network embedding. IScience, 2021, 24, 102455. | 1.9 | 14 |
| 1691 | MicroRNAâ€34a activation in tuberous sclerosis complex during early brain development may lead to impaired corticogenesis. Neuropathology and Applied Neurobiology, 2021, 47, 796-811. | 1.8 | 5 |
| 1692 | miR-130-3p Promotes MTX-Induced Immune Killing of Hepatocellular Carcinoma Cells by Targeting EPHB4. Journal of Healthcare Engineering, 2021, 2021, 1-9. | 1.1 | 2 |
| 1693 | CircGNG4 Promotes the Progression of Prostate Cancer by Sponging miR-223 to Enhance EYA3/c-myc Expression. Frontiers in Cell and Developmental Biology, 2021, 9, 684125. | 1.8 | 9 |
| 1694 | Immune-Related Nine-MicroRNA Signature for Predicting the Prognosis of Gastric Cancer. Frontiers in Genetics, 2021, 12, 690598. | 1.1 | 9 |

| # | Article | IF | CITATIONS |
|------|---|-------|-----------|
| 1695 | Targeting Akt-associated microRNAs for cancer therapeutics. Biochemical Pharmacology, 2021, 189, 114384. | 2.0 | 21 |
| 1696 | Upregulation of Long Noncoding RNA FGD5-AS1 Ameliorates Myocardial Ischemia/Reperfusion Injury via MicroRNA-106a-5p and MicroRNA-106b-5p. Journal of Cardiovascular Pharmacology, 2021, 78, e45-e54. | 0.8 | 9 |
| 1697 | MicroRNA-513b-5p targets COL1A1 and COL1A2 associated with the formation and rupture of intracranial aneurysm. Scientific Reports, 2021, 11, 14897. | 1.6 | 12 |
| 1698 | Stimuli-Responsive Autonomous-Motion Molecular Machine for Sensitive Simultaneous Fluorescence Imaging of Intracellular MicroRNAs. Analytical Chemistry, 2021, 93, 9869-9877. | 3.2 | 28 |
| 1699 | MicroRNAâ€'490â€'3p and â€'490â€'5p in carcinogenesis: Separate or the same goal? (Review). Oncology Letters, 2021, 22, 678. | ' 0.8 | 5 |
| 1700 | Structure-aware machine learning identifies microRNAs operating as Toll-like receptor 7/8 ligands. RNA Biology, 2021, 18, 268-277. | 1.5 | 6 |
| 1701 | Augmentation of lenvatinib efficacy by topical treatment of miR-634 ointment in anaplastic thyroid cancer. Biochemistry and Biophysics Reports, 2021, 26, 101009. | 0.7 | 1 |
| 1702 | Effective silencing of miR-126 after ischemic stroke by means of intravenous α-tocopherol–conjugated heteroduplex oligonucleotide in mice. Scientific Reports, 2021, 11, 14237. | 1.6 | 5 |
| 1703 | <scp>miR</scp> â€126 regulates the proliferation, migration, invasion, and apoptosis of <scp>nonâ€small</scp> lung cancer cells via <scp>AKT2</scp> / <scp>HK2</scp> axis. IUBMB Life, 2023, 75, 186-195. | 1.5 | 8 |
| 1704 | Tumor suppressor miRâ€193aâ€3p enhances efficacy of BRAF/MEK inhibitors in <i>BRAF</i> â€mutated colorectal cancer. Cancer Science, 2021, 112, 3856-3870. | 1.7 | 9 |
| 1705 | Geniposide alleviates choroidal neovascularization by downregulating HB-EGF release from RPE cells by downregulating the miR-145-5p/NF-κB axis. Experimental Eye Research, 2021, 208, 108624. | 1.2 | 4 |
| 1706 | Single bioengineered ncRNA molecule for dual-targeting toward the control of non-small cell lung cancer patient-derived xenograft tumor growth. Biochemical Pharmacology, 2021, 189, 114392. | 2.0 | 12 |
| 1707 | Curcumin promotes venous thrombi resolve process in a mouse deep venous thrombosis model via regulating miR-499. Microvascular Research, 2021, 136, 104148. | 1.1 | 5 |
| 1708 | From Micro to Long: Non-Coding RNAs in Tamoxifen Resistance of Breast Cancer Cells. Cancers, 2021, 13, 3688. | 1.7 | 8 |
| 1709 | CircCCT3 Acts as a Sponge of miR-613 to Promote Tumor Growth of Pancreatic Cancer Through Regulating VEGFA/VEGFR2 Signaling. , 2021, 38, 229-238. | | 12 |
| 1710 | Diet-dependent sex differences in the response to vertical sleeve gastrectomy. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E11-E23. | 1.8 | 7 |
| 1711 | Circ_0030586 inhibits cell proliferation and stemness in bladder cancer by inactivating the ERK signaling via miR-665/NR4A3 axis. Acta Histochemica, 2021, 123, 151745. | 0.9 | 11 |
| 1712 | Cotargeting of miRâ€126â€3p and miRâ€221â€3p inhibits PIK3R2 and PTEN, reducing lung cancer growth and metastasis by blocking AKT and CXCR4 signalling. Molecular Oncology, 2021, 15, 2969-2988. | 2.1 | 16 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1713 | Identification by MicroRNA Analysis of Environmental Risk Factors Bearing Pathogenic Relevance in Non-Smoker Lung Cancer. Journal of Personalized Medicine, 2021, 11, 666. | 1.1 | 2 |
| 1714 | C1GALT1, Negatively Regulated by miR-181d-5p, Promotes Tumor Progression via Upregulating RAC1 in Lung Adenocarcinoma. Frontiers in Cell and Developmental Biology, 2021, 9, 707970. | 1.8 | 8 |
| 1715 | miR-302a-3p suppresses melanoma cell progression via targeting METTL3. Journal of Chemotherapy, 2022, 34, 55-66. | 0.7 | 11 |
| 1716 | The emerging role of miR-10 family in gastric cancer. Cell Cycle, 2021, 20, 1468-1476. | 1.3 | 6 |
| 1717 | miRâ€92a promotes cervical cancer cell proliferation, invasion, and migration by directly targeting <i>PIK3R1</i> . Journal of Clinical Laboratory Analysis, 2021, 35, e23893. | 0.9 | 16 |
| 1718 | Identification of unique microRNA expression patterns in bone marrow hematopoietic stem and progenitor cells after hemorrhagic shock and multiple injuries in young and old adult mice. Journal of Trauma and Acute Care Surgery, 2021, 91, 692-699. | 1.1 | 0 |
| 1719 | Reprogramming Gene Expression by Targeting RNA-Based Interactions: A Novel Pipeline Utilizing RNA Array Technology. ACS Synthetic Biology, 2021, 10, 1847-1858. | 1.9 | 5 |
| 1720 | Bioinformatics Analysis of Neuroblastoma miRNA Based on GEO Data. Pharmacogenomics and Personalized Medicine, 2021, Volume 14, 849-858. | 0.4 | 4 |
| 1721 | Breast Cancer Drug Resistance: Overcoming the Challenge by Capitalizing on MicroRNA and Tumor Microenvironment Interplay. Cancers, 2021, 13, 3691. | 1.7 | 20 |
| 1722 | Proline dehydrogenase in cancer: apoptosis, autophagy, nutrient dependency and cancer therapy. Amino Acids, 2021, 53, 1891-1902. | 1.2 | 12 |
| 1723 | Impact of One-Carbon Metabolism-Driving Epitranscriptome as a Therapeutic Target for Gastrointestinal Cancer. International Journal of Molecular Sciences, 2021, 22, 7278. | 1.8 | 5 |
| 1724 | Downregulation of miR-135b-5p Suppresses Progression of Esophageal Cancer and Contributes to the Effect of Cisplatin. Frontiers in Oncology, 2021, 11 , 679348. | 1.3 | 5 |
| 1725 | miR-4284 Promotes Cell Proliferation, Migration, and Invasion in Non-Small Cell Lung Cancer Cells and is Associated with Postoperative Prognosis. Cancer Management and Research, 2021, Volume 13, 5865-5872. | 0.9 | 7 |
| 1726 | The Role of microRNAs in Cholangiocarcinoma. International Journal of Molecular Sciences, 2021, 22, 7627. | 1.8 | 18 |
| 1727 | tRNA-derived fragment tRFLys-CTT-010 promotes triple-negative breast cancer progression by regulating glucose metabolism via G6PC. Carcinogenesis, 2021, 42, 1196-1207. | 1.3 | 21 |
| 1728 | Peptide-tiling screens of cancer drivers reveal oncogenic protein domains and associated peptide inhibitors. Cell Systems, 2021, 12, 716-732.e7. | 2.9 | 9 |
| 1729 | Effects of miR-202-5p silencing PIK3CA gene expression on proliferation, invasion, and epithelial–mesenchymal transition of cervical cancer SiHa cells through inhibiting PI3K/Akt/mTOR signaling pathway activation. Molecular and Cellular Biochemistry, 2021, 476, 4031-4044. | 1.4 | 3 |
| 1730 | Targeting the Highly Expressed microRNA miR-146b with CRISPR/Cas9n Gene Editing System in Thyroid Cancer. International Journal of Molecular Sciences, 2021, 22, 7992. | 1.8 | 11 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1732 | Exploring epigenetic and microRNA approaches for \hat{I}^3 -globin gene regulation. Experimental Biology and Medicine, 2021, 246, 2347-2357. | 1.1 | 5 |
| 1733 | Roles of MicroRNAs in Glucose and Lipid Metabolism in the Heart. Frontiers in Cardiovascular Medicine, 2021, 8, 716213. | 1.1 | 8 |
| 1734 | Circ_0000317/ <scp>microRNA</scp> â€520g/ <scp>HOXD10</scp> axis affects the biological characteristics of colorectal cancer. Kaohsiung Journal of Medical Sciences, 2021, 37, 951-963. | 0.8 | 8 |
| 1735 | Inhibition of CUB and sushi multiple domains 1 (CSMD1) expression by miRNA-190a-3p enhances hypertrophic scar-derived fibroblast migration in vitro. BMC Genomics, 2021, 22, 613. | 1.2 | 4 |
| 1736 | Long transcripts minus touchdown qPCR (LTMT-qPCR): a simplified and convenient method for the screening and quantification of microRNA profile. Laboratory Investigation, 2021, 101, 1618-1626. | 1.7 | 4 |
| 1737 | Circular <scp>RNA</scp> circ_0011385 promotes cervical cancer progression through competitively binding to <scp>miR</scp> â€149â€5p and upâ€regulating <scp>SOX4</scp> expression. Kaohsiung Journal of Medical Sciences, 2021, 37, 1058-1068. | 0.8 | 10 |
| 1738 | Influences of the IncRNA TUG1â€miRNAâ€34aâ€5p network on fibroblastâ€like synoviocytes (FLSs) dysfunction in rheumatoid arthritis through targeting the lactate dehydrogenase A (LDHA). Journal of Clinical Laboratory Analysis, 2021, 35, e23969. | 0.9 | 15 |
| 1739 | The potential role of miRNA therapies in spinal muscle atrophy. Journal of the Neurological Sciences, 2021, 427, 117485. | 0.3 | 9 |
| 1740 | Circ_0027089 regulates NACC1 by targeting miR-136-5p to aggravate the development of hepatitis B virus-related hepatocellular carcinoma. Anti-Cancer Drugs, 2022, 33, e336-e348. | 0.7 | 8 |
| 1741 | Exosome <scp>miR</scp> â€134â€5p restrains breast cancer progression via regulating <scp>PI3K</scp> / <scp>AKT</scp> pathway by targeting <scp>ARHGAP1</scp> . Journal of Obstetrics and Gynaecology Research, 2021, 47, 4037-4048. | 0.6 | 14 |
| 1742 | Could the Epigenetics of Eosinophils in Asthma and Allergy Solve Parts of the Puzzle?. International Journal of Molecular Sciences, 2021, 22, 8921. | 1.8 | 6 |
| 1743 | Deliver the promise: RNAs as a new class of molecular entities for therapy and vaccination. , 2022, 230, 107967. | | 40 |
| 1744 | Cationic Liposomes as Vectors for Nucleic Acid and Hydrophobic Drug Therapeutics. Pharmaceutics, 2021, 13, 1365. | 2.0 | 61 |
| 1745 | MicroRNA-432 Acts as a Prognostic Biomarker and an Inhibitor of Cell Proliferation, Migration, and Invasion in Breast Cancer. Clinical Breast Cancer, 2021, 21, e462-e470. | 1.1 | 8 |
| 1746 | Transcriptional Network Analysis Reveals the Role of miR-223-5p During Diabetic Corneal Epithelial Regeneration. Frontiers in Molecular Biosciences, 2021, 8, 737472. | 1.6 | 6 |
| 1747 | Low miR-1231 expression predicts poor prognosis in non-small-cell lung cancer and accelerates cell proliferation, migration and invasion. Biomarkers in Medicine, 2021, 15, 831-840. | 0.6 | 1 |
| 1749 | Modulation of the Wound Healing through Noncoding RNA Interplay and GSK-3β/NF-κB Signaling Interaction. International Journal of Genomics, 2021, 2021, 1-11. | 0.8 | 7 |
| 1750 | Current insights into epigenetics, noncoding RNA interactome and clinical pharmacokinetics of dietary polyphenols in cancer chemoprevention. Critical Reviews in Food Science and Nutrition, 2023, 63, 1755-1791. | 5.4 | 37 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1751 | The Role of miRNA in the Pathophysiology of Neuroendocrine Tumors. International Journal of Molecular Sciences, 2021, 22, 8569. | 1.8 | 8 |
| 1752 | MicroRNA-150 inhibits myeloid-derived suppressor cells proliferation and function through negative regulation of ARG-1 in sepsis. Life Sciences, 2021, 278, 119626. | 2.0 | 4 |
| 1753 | microRNAs and bone tumours: Role of tiny molecules in the development and progression of chondrosarcoma, of giant cell tumour of bone and of Ewing's sarcoma. Bone, 2021, 149, 115968. | 1.4 | 6 |
| 1754 | Efficient and precise delivery of microRNA by photoacoustic force generated from semiconducting polymer-based nanocarriers. Biomaterials, 2021, 275, 120907. | 5.7 | 15 |
| 1755 | New perspective into mesenchymal stem cells: Molecular mechanisms regulating osteosarcoma. Journal of Bone Oncology, 2021, 29, 100372. | 1.0 | 36 |
| 1756 | Diagnostic value of four serum exosome microRNAs panel for the detection of colorectal cancer. World Journal of Gastrointestinal Oncology, 2021, 13, 970-979. | 0.8 | 18 |
| 1757 | MiR-223-3p levels in the plasma and atherosclerotic plaques are increased in aged patients with carotid artery stenosis; association with HDL-related proteins. Molecular Biology Reports, 2022, 49, 6779-6788. | 1.0 | 5 |
| 1758 | MiRNAs and Cancer: Key Link in Diagnosis and Therapy. Genes, 2021, 12, 1289. | 1.0 | 44 |
| 1759 | The Role of MiRNA in Cancer: Pathogenesis, Diagnosis, and Treatment. Methods in Molecular Biology, 2022, 2257, 375-422. | 0.4 | 35 |
| 1760 | LINCO1133 hampers the development of gastric cancer through increasing somatostatinÂvia binding to microRNA-576-5p. Epigenomics, 2021, 13, 1205-1219. | 1.0 | 7 |
| 1761 | Circ_0057558 promotes nonalcoholic fatty liver disease by regulating ROCK1/AMPK signaling through targeting miR-206. Cell Death and Disease, 2021, 12, 809. | 2.7 | 22 |
| 1762 | MECP2 and the biology of MECP2 duplication syndrome. Journal of Neurochemistry, 2021, 159, 29-60. | 2.1 | 19 |
| 1763 | Multifaceted control of mRNA translation machinery in cancer. Cellular Signalling, 2021, 84, 110037. | 1.7 | 6 |
| 1764 | miR193a-5p Mediated ZNF746 and c-Myc Signaling Axis Is Critically Involved in Morusin Induced Apoptosis in Colorectal Cancer Cells. Cells, 2021, 10, 2065. | 1.8 | 5 |
| 1765 | The SIX Family of Transcription Factors: Common Themes Integrating Developmental and Cancer Biology. Frontiers in Cell and Developmental Biology, 2021, 9, 707854. | 1.8 | 10 |
| 1766 | Screening Prognosis-Related IncRNAs Based on WGCNA to Establish a New Risk Score for Predicting Prognosis in Patients with Hepatocellular Carcinoma. Journal of Immunology Research, 2021, 2021, 1-20. | 0.9 | 6 |
| 1767 | Circ_0084615 is an oncogenic circular RNA in colorectal cancer and promotes DNMT3A expression via repressing miR-599. Pathology Research and Practice, 2021, 224, 153494. | 1.0 | 12 |
| 1768 | The regulatory role of antisense IncRNAs in cancer. Cancer Cell International, 2021, 21, 459. | 1.8 | 31 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1769 | MiR-199b-5p Promotes Gastric Cancer Progression by Regulating HHIP Expression. Frontiers in Oncology, 2021, 11, 728393. | 1.3 | 7 |
| 1770 | Engineering DNAâ€Grafted Quatsomes as Stable Nucleic Acidâ€Responsive Fluorescent Nanovesicles. Advanced Functional Materials, 2021, 31, 2103511. | 7.8 | 9 |
| 1771 | miR-22 promotes stem cell traits via activating Wnt/ \hat{l}^2 -catenin signaling in cutaneous squamous cell carcinoma. Oncogene, 2021, 40, 5799-5813. | 2.6 | 21 |
| 1772 | Therapies to prevent post-infarction remodelling: From repair to regeneration. Biomaterials, 2021, 275, 120906. | 5.7 | 28 |
| 1773 | High miR-3650 expression in nasopharyngeal carcinoma and its clinical prognostic values. Pathology Research and Practice, 2021, 224, 153506. | 1.0 | 2 |
| 1774 | Nanomedicine-based delivery strategies for nucleic acid gene inhibitors in inflammatory diseases. Advanced Drug Delivery Reviews, 2021, 175, 113809. | 6.6 | 30 |
| 1775 | Bioengineered miR-124-3p prodrug selectively alters the proteome of human carcinoma cells to control multiple cellular components and lung metastasis inÂvivo. Acta Pharmaceutica Sinica B, 2021, 11, 3950-3965. | 5.7 | 10 |
| 1776 | miR-141-3p suppresses development of clear cell renal cell carcinoma by regulating NEK6. Anti-Cancer Drugs, 2022, 33, e125-e133. | 0.7 | 10 |
| 1777 | Dysregulation of microRNAs in metal-induced angiogenesis and carcinogenesis. Seminars in Cancer Biology, 2021, 76, 279-286. | 4.3 | 15 |
| 1778 | Knockdown of <scp>miR</scp> â€125bâ€5p inhibits the proliferation and invasion of gastric carcinoma cells by targeting <scp>RYBP</scp> . Kaohsiung Journal of Medical Sciences, 2021, 37, 863-871. | 0.8 | 2 |
| 1779 | Diagnostic value of four serum exosome microRNAs panel for the detection of colorectal cancer. World Journal of Gastrointestinal Oncology, 2021, 13, 968-977. | 0.8 | 0 |
| 1780 | The Clinical Significance and Functional Role of miR-466 in Gastric Cancer Peritoneal Metastasis. Molecular Biotechnology, 2022, 64, 25-32. | 1.3 | 0 |
| 1781 | Antitumor and off-target effects of cholesterol-conjugated let-7a mimics in an orthotopic hepatocellular carcinoma xenograft nude mouse model. Journal of Bio-X Research, 2021, Publish Ahead of Print, . | 0.3 | 0 |
| 1782 | Non-Coding RNAs in Pancreatic Cancer Diagnostics and Therapy: Focus on IncRNAs, circRNAs, and piRNAs. Cancers, 2021, 13, 4161. | 1.7 | 14 |
| 1783 | A Positive Feedback Loop of IncRNA MIR31HG-miR-361-3p -YY1 Accelerates Colorectal Cancer Progression Through Modulating Proliferation, Angiogenesis, and Glycolysis. Frontiers in Oncology, 2021, 11, 684984. | 1.3 | 18 |
| 1784 | Precise in-situ release of microRNA from an injectable hydrogel induces bone regeneration. Acta Biomaterialia, 2021, 135, 289-303. | 4.1 | 34 |
| 1785 | Locked-nucleotide antagonists to varicella zoster virus small non-coding RNA block viral growth and have potential as an anti-viral therapy. Antiviral Research, 2021, 193, 105144. | 1.9 | 1 |
| 1786 | Biomaterial-based delivery of nucleic acids for tissue regeneration. Advanced Drug Delivery Reviews, 2021, 176, 113885. | 6.6 | 53 |

| # | Article | IF | CITATIONS |
|------|--|-----|------------|
| 1787 | miRNA-877-5p inhibits malignant progression of prostate cancer by directly targeting SSFA2. European Journal of Histochemistry, 2021, 65, . | 0.6 | 8 |
| 1788 | A Novel TCGA-Validated, MiRNA-Based Signature for Prediction of Breast Cancer Prognosis and Survival. Frontiers in Cell and Developmental Biology, 2021, 9, 717462. | 1.8 | 11 |
| 1789 | microRNAâ€425 loss mediates amyloid plaque microenvironment heterogeneity and promotes neurodegenerative pathologies. Aging Cell, 2021, 20, e13454. | 3.0 | 7 |
| 1790 | MicroRNAs in organ fibrosis: From molecular mechanisms to potential therapeutic targets. Pathology Research and Practice, 2021, 225, 153588. | 1.0 | 4 |
| 1791 | Co-Expression Network Analysis of MicroRNAs and Proteins in Severe Traumatic Brain Injury: A Systematic Review. Cells, 2021, 10, 2425. | 1.8 | 3 |
| 1792 | MiR-552-3p promotes malignant progression of gallbladder carcinoma by reactivating the Akt/\hat{l}^2 -catenin signaling pathway due to inhibition of the tumor suppressor gene RGMA. Annals of Translational Medicine, 2021, 9, 1374-1374. | 0.7 | 3 |
| 1793 | Circ_0000514 promotes breast cancer progression by regulating the miR-296-5p/CXCL10 axis. Journal of Biochemistry, 2021, 170, 753-761. | 0.9 | 7 |
| 1794 | Cancer-Derived Exosomal miR-651 as a Diagnostic Marker Restrains Cisplatin Resistance and Directly Targets ATG3 for Cervical Cancer. Disease Markers, 2021, 2021, 1-16. | 0.6 | 10 |
| 1795 | Role of miR-2392 in driving SARS-CoV-2 infection. Cell Reports, 2021, 37, 109839. | 2.9 | 52 |
| 1796 | Ki-67 as a Prognostic Biomarker in Invasive Breast Cancer. Cancers, 2021, 13, 4455. | 1.7 | 7 3 |
| 1797 | Are Non-Coding RNAs Useful Biomarkers in Parathyroid Tumorigenesis?. International Journal of Molecular Sciences, 2021, 22, 10465. | 1.8 | 6 |
| 1798 | Non-Coding RNAs: Master Regulators of Inflammasomes in Inflammatory Diseases. Journal of Inflammation Research, 2021, Volume 14, 5023-5050. | 1.6 | 9 |
| 1799 | Identification of Novel Single-Nucleotide Variants With Potential of Mediating Malfunction of MicroRNA in Congenital Heart Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 739598. | 1.1 | 0 |
| 1800 | Long Noncoding RNA TTC39A-AS1 Promotes Breast Cancer Tumorigenicity by Sponging MicroRNA-483-3p and Thereby Upregulating MTA2. Pharmacology, 2021, 106, 573-587. | 0.9 | 2 |
| 1801 | Human Breast Milk Composition and Function in Human Health: From Nutritional Components to Microbiome and MicroRNAs. Nutrients, 2021, 13, 3094. | 1.7 | 58 |
| 1802 | miR-139-5p sponged by LncRNA NEAT1 regulates liver fibrosis via targeting \hat{l}^2 -catenin/SOX9/TGF- \hat{l}^2 1 pathway. Cell Death Discovery, 2021, 7, 243. | 2.0 | 13 |
| 1803 | Systematic identification of clinically relevant miRNAs for potential miRNA-based therapy in lung adenocarcinoma. Molecular Therapy - Nucleic Acids, 2021, 25, 1-10. | 2.3 | 10 |
| 1804 | The Roles of the Let-7 Family of MicroRNAs in the Regulation of Cancer Stemness. Cells, 2021, 10, 2415. | 1.8 | 48 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1805 | Delivery of Anti-miRNA-221 for Colorectal Carcinoma Therapy Using Modified Cord Blood Mesenchymal Stem Cells-Derived Exosomes. Frontiers in Molecular Biosciences, 2021, 8, 743013. | 1.6 | 24 |
| 1806 | Down-regulated MicroRNAs in Gastric Carcinoma May Be Targets for Therapeutic Intervention and Replacement Therapy. Anticancer Research, 2021, 41, 4185-4202. | 0.5 | 6 |
| 1807 | An Advanced Systems Pharmacology Strategy Reveals AKR1B1, MMP2, PTGER3 as Key Genes in the Competing Endogenous RNA Network of Compound Kushen Injection Treating Gastric Carcinoma by Integrated Bioinformatics and Experimental Verification. Frontiers in Cell and Developmental Biology, 2021, 9, 742421. | 1.8 | 4 |
| 1808 | Cellular and molecular modulation of rotator cuff muscle pathophysiology. Journal of Orthopaedic Research, 2021, 39, 2310-2322. | 1.2 | 6 |
| 1809 | Targeting CD82/KAl1 for Precision Therapeutics in Surmounting Metastatic Potential in Breast Cancer. Cancers, 2021, 13, 4486. | 1.7 | 3 |
| 1811 | Impact of Oncogenic Targets by Tumor-Suppressive miR-139-5p and miR-139-3p Regulation in Head and Neck Squamous Cell Carcinoma. International Journal of Molecular Sciences, 2021, 22, 9947. | 1.8 | 8 |
| 1812 | Application of lanthanide-doped upconversion nanoparticles for cancer treatment: a review. Nanomedicine, 2021, 16, 2207-2242. | 1.7 | 15 |
| 1813 | Comprehensive Analysis of the Prognostic Significance of Hsa-miR-100-5p and Its Related Gene Signature in Stomach Adenocarcinoma. Frontiers in Cell and Developmental Biology, 2021, 9, 736274. | 1.8 | 7 |
| 1814 | Downregulation of miR-519d-3p is Associated with Poor Outcomes and Facilitates Tumor Progression in Papillary Thyroid Cancer by Regulating FOXQ1. Hormone and Metabolic Research, 2021, 53, 625-632. | 0.7 | 1 |
| 1815 | MicroRNA regulation of vascular smooth muscle cells and its significance in cardiovascular diseases. Canadian Journal of Physiology and Pharmacology, 2021, 99, 827-838. | 0.7 | 5 |
| 1816 | Bone marrow mesenchymal stem cells-secreted exosomal microRNA-205–5p exerts inhibitory effect on the progression of liver cancer through regulating CDKL3. Pathology Research and Practice, 2021, 225, 153549. | 1.0 | 5 |
| 1817 | High allele discrimination in the typing of single nucleotide polymorphisms of miRNA. Bioorganic and Medicinal Chemistry, 2021, 46, 116363. | 1.4 | 0 |
| 1818 | Cardiomyocyte microRNA-150 confers cardiac protection and directly represses proapoptotic small proline–rich protein 1A. JCl Insight, 2021, 6, . | 2.3 | 8 |
| 1819 | Phytochemicals from Polyalthia Species: Potential and Implication on Anti-Oxidant, Anti-Inflammatory, Anti-Cancer, and Chemoprevention Activities. Molecules, 2021, 26, 5369. | 1.7 | 7 |
| 1820 | Thinking inside the box: Current insights into targeting orbital tissue remodeling and inflammation in thyroid eye disease. Survey of Ophthalmology, 2022, 67, 858-874. | 1.7 | 3 |
| 1821 | Pan-Cancer Analysis Reveals Common and Specific Relationships between Intragenic miRNAs and Their Host Genes. Biomedicines, 2021, 9, 1263. | 1.4 | 1 |
| 1822 | MicroRNA-760 resists ambient PM2.5-induced apoptosis in human bronchial epithelial cells through elevating heme-oxygenase 1 expression. Environmental Pollution, 2021, 284, 117213. | 3.7 | 7 |
| 1823 | Characteristics of miRNA-SNPs in healthy Japanese subjects and non-small cell lung cancer, colorectal cancer, and soft tissue sarcoma patients. Non-coding RNA Research, 2021, 6, 123-129. | 2.4 | 0 |

| # | Article | IF | Citations |
|------|---|------|-----------|
| 1824 | LentiRILES, a miRNA-ON sensor system for monitoring the functionality of miRNA in cancer biology and therapy. RNA Biology, 2021, 18, 198-214. | 1.5 | 4 |
| 1825 | MicroRNA-375: potential cancer suppressor and therapeutic drug. Bioscience Reports, 2021, 41, . | 1.1 | 21 |
| 1826 | P53 suppresses the progression of hepatocellular carcinoma via miRâ€15a by decreasing OGT expression and EZH2 stabilization. Journal of Cellular and Molecular Medicine, 2021, 25, 9168-9182. | 1.6 | 13 |
| 1827 | Identification of key miRNAs and targeted genes involved in the progression of oral squamous cell carcinoma. Journal of Dental Sciences, 2022, 17, 666-676. | 1.2 | 2 |
| 1828 | MiR-145-5p modulates lipid metabolism and M2 macrophage polarization by targeting PAK7 and regulating l²-catenin signaling in hyperlipidemia. Canadian Journal of Physiology and Pharmacology, 2021, 99, 857-863. | 0.7 | 5 |
| 1829 | The tumor suppressor miR-642a-5p targets Wilms Tumor 1 gene and cell-cycle progression in prostate cancer. Scientific Reports, 2021, 11, 18003. | 1.6 | 10 |
| 1830 | Noncoding RNAs in tumor metastasis: molecular and clinical perspectives. Cellular and Molecular Life Sciences, 2021, 78, 6823-6850. | 2.4 | 19 |
| 1831 | PD-L1 regulation revisited: impact on immunotherapeutic strategies. Trends in Molecular Medicine, 2021, 27, 868-881. | 3.5 | 30 |
| 1832 | IncRNA AC007207.2 Promotes Malignant Properties of Osteosarcoma via the miR-1306-5p/SIRT7 Axis. Cancer Management and Research, 2021, Volume 13, 7277-7288. | 0.9 | 6 |
| 1833 | Dysregulation of non-coding RNAs mediates cisplatin resistance in hepatocellular carcinoma and therapeutic strategies. Pharmacological Research, 2022, 176, 105906. | 3.1 | 7 |
| 1834 | Identification of colorectal cancer associated biomarkers: an integrated analysis of miRNA expression. Aging, 2021, 13, 21991-22029. | 1.4 | 15 |
| 1835 | Circular RNA ERBB2 Contributes to Proliferation and Migration of Airway Smooth Muscle Cells via miR-98-5p/IGF1R Signaling in Asthma. Journal of Asthma and Allergy, 2021, Volume 14, 1197-1207. | 1.5 | 14 |
| 1836 | MiR-200c-3p aggravates gastric cell carcinoma via KLF6. Genes and Genomics, 2021, 43, 1307-1316. | 0.5 | 5 |
| 1837 | Nucleic acid delivery for therapeutic applications. Advanced Drug Delivery Reviews, 2021, 178, 113834. | 6.6 | 122 |
| 1838 | Noncoding RNAs in triple negative breast cancer: Mechanisms for chemoresistance. Cancer Letters, 2021, 523, 100-110. | 3.2 | 17 |
| 1839 | Reduced expression of miR-30c-5p promotes hepatocellular carcinoma progression by targeting RAB32. Molecular Therapy - Nucleic Acids, 2021, 26, 603-612. | 2.3 | 6 |
| 1840 | Surface-fill hydrogel attenuates the oncogenic signature of complex anatomical surface cancer in a single application. Nature Nanotechnology, 2021, 16, 1251-1259. | 15.6 | 41 |
| 1841 | Therapeutic Significance of microRNA-Mediated Regulation of PARP-1 in SARS-CoV-2 Infection. Non-coding RNA, 2021, 7, 60. | 1.3 | 12 |

| # | ARTICLE | IF | Citations |
|------|--|-----|-----------|
| 1842 | How does hip osteoarthritis differ from knee osteoarthritis?. Osteoarthritis and Cartilage, 2022, 30, 32-41. | 0.6 | 54 |
| 1843 | Therapeutic Potential of Chemically Modified, Synthetic, Triplex Peptide Nucleic Acid–Based Oncomir Inhibitors for Cancer Therapy. Cancer Research, 2021, 81, 5613-5624. | 0.4 | 14 |
| 1844 | MicroRNA‑23b‑3p targets non‑SMC condensingÂl complex subunitÂC to promote proliferation and inhibit apoptosis of colorectal cancer cells via regulation of the PI3K/AKT signaling pathway. Oncology Letters, 2021, 22, 812. | 0.8 | 4 |
| 1845 | MicroRNA-199: A Potential Therapeutic Tool for Hepatocellular Carcinoma in an Experimental Model. Asian Pacific Journal of Cancer Prevention, 2021, 22, 2771-2779. | 0.5 | 3 |
| 1846 | MicroRNAs as a clue to overcome breast cancer treatment resistance. Cancer and Metastasis Reviews, 2022, 41, 77-105. | 2.7 | 13 |
| 1848 | METTL3-mediated m6A modification of KIF3C-mRNA promotes prostate cancer progression and is negatively regulated by miR-320d. Aging, 2021, 13, 22332-22344. | 1.4 | 20 |
| 1849 | Bone Marrow Mesenchymal Stem Cells-Derived Exosomal miR-425-5p Inhibits Acute Myeloid Leukemia Cell Proliferation, Apoptosis, Invasion and Migration by Targeting WTAP. OncoTargets and Therapy, 2021, Volume 14, 4901-4914. | 1.0 | 9 |
| 1850 | Oh, the Mutations You'll Acquire! A Systematic Overview of Cutaneous Squamous Cell Carcinoma. Cellular Physiology and Biochemistry, 2021, 55, 89-119. | 1.1 | 5 |
| 1851 | Anticancer Effects and Mechanisms of OSW-1 Isolated From Ornithogalum saundersiae: A Review. Frontiers in Oncology, 2021, 11, 747718. | 1.3 | 6 |
| 1852 | Expression and related mechanisms of miR-330-3p and S100B in an animal model of cartilage injury. Journal of International Medical Research, 2021, 49, 030006052110394. | 0.4 | O |
| 1853 | New Therapeutics in Endometriosis: A Review of Hormonal, Non-Hormonal, and Non-Coding RNA Treatments. International Journal of Molecular Sciences, 2021, 22, 10498. | 1.8 | 23 |
| 1854 | Inhibiting miR-129-5p alleviates inflammation and modulates autophagy by targeting ATG14 in fungal keratitis. Experimental Eye Research, 2021, 211, 108731. | 1.2 | 7 |
| 1855 | MiR-128-3p suppresses tumor proliferation and metastasis via targeting CDC6 in hepatocellular carcinoma cells. Tissue and Cell, 2021, 72, 101534. | 1.0 | 11 |
| 1856 | miR-876-3p suppresses the progression of colon cancer and correlates the prognosis of patients. Experimental and Molecular Pathology, 2021, 122, 104682. | 0.9 | 2 |
| 1857 | The role of MicroRNAs in tendon injury, repair, and related tissue engineering. Biomaterials, 2021, 277, 121083. | 5.7 | 21 |
| 1858 | miR-19a-3p downregulates tissue factor and functions as a potential therapeutic target for sepsis-induced disseminated intravascular coagulation. Biochemical Pharmacology, 2021, 192, 114671. | 2.0 | 9 |
| 1859 | MicroRNA and cyclooxygenase-2 in breast cancer. Clinica Chimica Acta, 2021, 522, 36-44. | 0.5 | 5 |
| 1860 | Recent advances in the synthesis techniques for zeolitic imidazolate frameworks and their sensing applications. Coordination Chemistry Reviews, 2021, 446, 214109. | 9.5 | 69 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1861 | LINC01006 regulates the proliferation, migration and invasion of hepatocellular carcinoma cells through regulating miR-433-3p/CBX3 axis. Annals of Hepatology, 2021, 25, 100343. | 0.6 | 10 |
| 1862 | Preferentially released miR-122 from cyclodextrin-based star copolymer nanoparticle enhances hepatoma chemotherapy by apoptosis induction and cytotoxics efflux inhibition. Bioactive Materials, 2021, 6, 3744-3755. | 8.6 | 18 |
| 1863 | Recent advances in understanding the molecular role of phosphoinositide-specific phospholipase C gamma 1 as an emerging onco-driver and novel therapeutic target in human carcinogenesis. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188619. | 3.3 | 21 |
| 1864 | TSMDA: Target and symptom-based computational model for miRNA-disease-association prediction. Molecular Therapy - Nucleic Acids, 2021, 26, 536-546. | 2.3 | 7 |
| 1865 | Hypoxia-inducible factor (HIF)–mediated effects of the hypoxic niche in bone cancer. , 2022, , 321-335. | | 1 |
| 1866 | Reactive oxygen species-based nanomaterials for the treatment of myocardial ischemia reperfusion injuries. Bioactive Materials, 2022, 7, 47-72. | 8.6 | 136 |
| 1867 | Targeting cancer-associated fibroblasts in immunotherapy. , 2022, , 163-209. | | 2 |
| 1868 | Photonic crystal barcode: An emerging tool for cancer diagnosis. Smart Materials in Medicine, 2021, 2, 182-195. | 3.7 | 5 |
| 1869 | miR-636 inhibits EMT, cell proliferation and cell cycle of ovarian cancer by directly targeting transcription factor Gli2 involved in Hedgehog pathway. Cancer Cell International, 2021, 21, 64. | 1.8 | 13 |
| 1870 | Cellâ€intrinsic mechanisms to restrain inflammatory responses in T lymphocytes. Immunological Reviews, 2021, 300, 181-193. | 2.8 | 5 |
| 1871 | The Emerging Roles of Autophagy-Related MicroRNAs in Cancer. International Journal of Biological Sciences, 2021, 17, 134-150. | 2.6 | 34 |
| 1872 | Visual detection of heart failure associated MiRNA with DSN enzyme-based recycling amplification strategy. RSC Advances, 2021, 11, 18068-18073. | 1.7 | 5 |
| 1873 | Thymoquinone Suppresses the Proliferation, Migration and Invasiveness through Regulating ROS, Autophagic Flux and miR-877-5p in Human Bladder Carcinoma Cells. International Journal of Biological Sciences, 2021, 17, 3456-3475. | 2.6 | 14 |
| 1874 | microRNAs Promoting Growth of Gastric Cancer Xenografts and Correlation to Clinical Prognosis. Cancer Genomics and Proteomics, 2021, 18, 1-15. | 1.0 | 10 |
| 1875 | miR-369 inhibits Liver Cancer progression by targeting ZEB1 pathway and predicts the prognosis of HCC patients. Journal of Cancer, 2021, 12, 3067-3076. | 1,2 | 13 |
| 1876 | Dual Roles of Metal–Organic Frameworks as Nanocarriers for miRNA Delivery and Adjuvants for Chemodynamic Therapy. ACS Applied Materials & Interfaces, 2021, 13, 6034-6042. | 4.0 | 73 |
| 1877 | Role of Syndecan-1 in Cancer Stem Cells. Biology of Extracellular Matrix, 2021, , 279-308. | 0.3 | 1 |
| 1878 | Attenuating role of withaferin A in the proliferation and migration of lung cancer cells via a p53‑miR‑27a/miR‑10b pathway. Oncology Letters, 2021, 21, 232. | 0.8 | 7 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1880 | Curcumin-Induced Global Profiling of Transcriptomes in Small Cell Lung Cancer Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 588299. | 1.8 | 7 |
| 1881 | CircATRNL1 activates Smad4 signaling to inhibit angiogenesis and ovarian cancer metastasis via miRâ€378. Molecular Oncology, 2021, 15, 1217-1233. | 2.1 | 19 |
| 1882 | Gastric Cancer: Identification of microRNAs Inhibiting Druggable Targets and Mediating Efficacy in Preclinical < i > In Vivo < /i > Models. Cancer Genomics and Proteomics, 2021, 18, 497-514. | 1.0 | 2 |
| 1883 | Small Molecule-Induced Dimerization of Hairpin RNA Interfered with the Dicer Cleavage Reaction. Biochemistry, 2021, 60, 245-249. | 1.2 | 4 |
| 1884 | microRNA-3646 serves as a diagnostic marker and mediates the inflammatory response induced by acute coronary syndrome. Bioengineered, 2021, 12, 5632-5640. | 1.4 | 4 |
| 1885 | microRNAs Mediated Regulation of the Ribosomal Proteins and its Consequences on the Global Translation of Proteins. Cells, 2021, 10, 110. | 1.8 | 12 |
| 1886 | Cerebrospinal Fluid Biomarkers in Childhood Leukemias. Cancers, 2021, 13, 438. | 1.7 | 4 |
| 1887 | Cisatracurium inhibits the growth and induces apoptosis of ovarian cancer cells by promoting lincRNA-p21. Bioengineered, 2021, 12, 1505-1516. | 1.4 | 13 |
| 1888 | Phytochemical Regulation of RNA in Treating Inflammatory Bowel Disease and Colon Cancer: Inspirations from Cell and Animal Studies. Journal of Pharmacology and Experimental Therapeutics, 2021, 376, 464-472. | 1.3 | 2 |
| 1889 | Biomineralized zeolitic imidazolate framework-8 nanoparticles enable polymerase/endonuclease synergetic amplification reaction in living cells for sensitive microRNA imaging. Chemical Communications, 2021, 57, 8472-8475. | 2.2 | 7 |
| 1890 | MicroRNAs Involved in Small-cell Lung Cancer as Possible Agents for Treatment and Identification of New Targets. Cancer Genomics and Proteomics, 2021, 18, 591-603. | 1.0 | 1 |
| 1891 | MicroRNA-301a Promotes Cell Proliferation and Resistance to Apoptosis through PTEN/PI3K/Akt Signaling Pathway in Human Ovarian Cancer. Gynecologic and Obstetric Investigation, 2021, 86, 108-116. | 0.7 | 8 |
| 1892 | Poly(Lactic-co-Glycolic Acid) Nanoparticle Delivery of Peptide Nucleic Acids In Vivo. Methods in Molecular Biology, 2020, 2105, 261-281. | 0.4 | 10 |
| 1893 | Evaluation of MicroRNA Therapeutic Potential Using the Mouse In Vivo and Human Ex Vivo Wound Models. Methods in Molecular Biology, 2021, 2193, 67-75. | 0.4 | 3 |
| 1894 | Prospective Advances in Non-coding RNAs Investigation. Advances in Experimental Medicine and Biology, 2020, 1229, 385-426. | 0.8 | 1 |
| 1895 | Epigenetics in Multiple Sclerosis. Advances in Experimental Medicine and Biology, 2020, 1253, 309-374. | 0.8 | 13 |
| 1896 | MicroRNAs (miRNAs) and Long Non-Coding RNAs (IncRNAs) as New Tools for Cancer Therapy: First Steps from Bench to Bedside. Targeted Oncology, 2020, 15, 261-278. | 1.7 | 183 |
| 1897 | Non-coding RNAs: ever-expanding diversity of types and functions. , 2020, , 5-57. | | 12 |

| # | Article | IF | CITATIONS |
|------|--|------|-----------|
| 1898 | LncRNA GSEC promotes the proliferation, migration and invasion by sponging miR-588/ EIF5A2 axis in osteosarcoma. Biochemical and Biophysical Research Communications, 2020, 532, 300-307. | 1.0 | 15 |
| 1899 | Astragaloside IV suppresses development of hepatocellular carcinoma by regulating miR-150-5p/ \hat{l}^2 -catenin axis. Environmental Toxicology and Pharmacology, 2020, 78, 103397. | 2.0 | 24 |
| 1900 | miRNA-Based Therapies in B Cell Non-Hodgkin Lymphoma. Trends in Immunology, 2020, 41, 932-947. | 2.9 | 30 |
| 1901 | LOC285194 inhibits proliferation of human keratinocytes through regulating miR-616/GATA3 pathway. Molecular and Cellular Probes, 2020, 53, 101598. | 0.9 | 4 |
| 1902 | Nedd8-activating enzyme inhibitor MLN4924 (Pevonedistat), inhibits miR-1303 to suppress human breast cancer cell proliferation via targeting p27Kip1. Experimental Cell Research, 2020, 392, 112038. | 1.2 | 9 |
| 1903 | IL-6 promotes cell adhesion in human endothelial cells via microRNA-126–3p suppression. Experimental Cell Research, 2020, 393, 112094. | 1.2 | 13 |
| 1904 | Setbacks shadow microRNA therapies in the clinic. Nature Biotechnology, 2018, 36, 909-910. | 9.4 | 21 |
| 1905 | Non-coding RNA networks in cancer. Nature Reviews Cancer, 2018, 18, 5-18. | 12.8 | 1,359 |
| 1906 | Research and Development of Oligonucleotides Targeting MicroRNAs (miRNAs). RSC Drug Discovery Series, 2019, , 151-180. | 0.2 | 2 |
| 1907 | <i>MiR-148a</i> inhibits oral squamous cell carcinoma progression through ERK/MAPK pathway via targeting IGF-IR. Bioscience Reports, 2020, 40, . | 1.1 | 11 |
| 1908 | Prognostic significance of microRNA-135 in patients with digestive system cancers: a systematic review and meta-analysis. Bioscience Reports, 2019, 39, . | 1.1 | 2 |
| 1909 | A novel UTMD system facilitating nucleic acid delivery into MDA-MB-231 cells. Bioscience Reports, 2020, 40, . | 1.1 | 7 |
| 1910 | A general fragment-based approach to identify and optimize bioactive ligands targeting RNA. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33197-33203. | 3.3 | 48 |
| 1911 | Circ_0074027 contributes to the progression of non-small cell lung cancer via microRNA-362-3p/clathrin heavy chain axis. Anti-Cancer Drugs, 2021, 32, 1-10. | 0.7 | 10 |
| 1912 | MicroRNAs as potential therapeutic targets for muscle wasting during cancer cachexia. Current Opinion in Clinical Nutrition and Metabolic Care, 2020, 23, 157-163. | 1.3 | 7 |
| 1921 | Functional Screening Identifies MicroRNA Regulators of Corin Activity and Atrial Natriuretic Peptide Biogenesis. Molecular and Cellular Biology, 2019, 39, . | 1.1 | 13 |
| 1922 | Circular Rna Hipk3 Plays a Carcinogenic Role in Cervical Cancer Progression via Regulating Mir-485-3P/Fgf2 Axis. Journal of Investigative Medicine, 2021, 69, 768-774. | 0.7 | 8 |
| 1923 | T cell exosome–derived miR-142-3p impairs glandular cell function in Sjögren's syndrome. JCI Insight, 2020, 5, . | 2.3 | 44 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1924 | A-to-l–edited miRNA-379-5p inhibits cancer cell proliferation through CD97-induced apoptosis. Journal of Clinical Investigation, 2019, 129, 5343-5356. | 3.9 | 46 |
| 1925 | The Mir181ab1 cluster promotes KRAS-driven oncogenesis and progression in lung and pancreas. Journal of Clinical Investigation, 2020, 130, 1879-1895. | 3.9 | 29 |
| 1926 | Herpesvirus latency. Journal of Clinical Investigation, 2020, 130, 3361-3369. | 3.9 | 127 |
| 1927 | MiR-155-5p promotes metastasis and epithelial–mesenchymal transition of renal cell carcinoma by targeting apoptosis-inducing factor. International Journal of Biological Markers, 2021, 36, 20-27. | 0.7 | 12 |
| 1928 | The miR-185/PAK6 axis predicts therapy response and regulates survival of drug-resistant leukemic stem cells in CML. Blood, 2020, 136, 596-609. | 0.6 | 30 |
| 1929 | Potential Five-MicroRNA Signature Model for the Prediction of Prognosis in Patients with Wilms Tumor. Medical Science Monitor, 2019, 25, 5435-5444. | 0.5 | 22 |
| 1930 | KIAA1199, a Target of MicoRNA-486-5p, Promotes Papillary Thyroid Cancer Invasion by Influencing Epithelial-Mesenchymal Transition (EMT). Medical Science Monitor, 2019, 25, 6788-6796. | 0.5 | 22 |
| 1931 | MiR-323-3p Targeting Transmembrane Protein with EGF-Like and 2 Follistatin Domain (TMEFF2) Inhibits Human Lung Cancer A549 Cell Apoptosis by Regulation of AKT and ERK Signaling Pathways. Medical Science Monitor, 2020, 26, e919454. | 0.5 | 10 |
| 1932 | miRNAs may play a major role in the control of gene expression in key pathobiological processes in Chagas disease cardiomyopathy. PLoS Neglected Tropical Diseases, 2020, 14, e0008889. | 1.3 | 31 |
| 1933 | Serum levels of miR-223 but not miR-21 are decreased in patients with neuroendocrine tumors. PLoS ONE, 2020, 15, e0244504. | 1.1 | 3 |
| 1934 | MiR-33b inhibits osteosarcoma cell proliferation through suppression of glycolysis by targeting Lactate Dehydrogenase A (LDHA). Cellular and Molecular Biology, 2018, 64, 31-35. | 0.3 | 17 |
| 1935 | Potential of Peptide Nucleic Acids in Future Therapeutic Applications. Advanced Pharmaceutical Bulletin, 2018, 8, 551-563. | 0.6 | 53 |
| 1936 | Micro <scp>RNA</scp> â€195 controls <scp>MICU</scp> 1 expression and tumor growth in ovarian cancer. EMBO Reports, 2020, 21, e48483. | 2.0 | 29 |
| 1937 | MiRâ€29 coordinates ageâ€dependent plasticity brakes in the adult visual cortex. EMBO Reports, 2020, 21, e50431. | 2.0 | 15 |
| 1938 | Interplay between the androgen receptor signaling axis and microRNAs in prostate cancer. Endocrine-Related Cancer, 2019, 26, R237-R257. | 1.6 | 20 |
| 1939 | The role of miRNAs in regulating adrenal and gonadal steroidogenesis. Journal of Molecular Endocrinology, 2020, 64, R21-R43. | 1.1 | 30 |
| 1940 | Analysis of association of potentially functional genetic variants within genes encoding miR-34b/c, miR-378 and miR-143/145 with prostate cancer in Serbian population. EXCLI Journal, 2019, 18, 515-529. | 0.5 | 9 |
| 1941 | MiR-223-3p promotes cell proliferation and metastasis by downregulating SLC4A4 in clear cell renal cell carcinoma. Aging, 2019, 11, 615-633. | 1.4 | 64 |

| # | Article | IF | Citations |
|------|--|-----|-----------|
| 1942 | miR-375-3p suppresses tumorigenesis and partially reverses chemoresistance by targeting YAP1 and SP1 in colorectal cancer cells. Aging, 2019, 11, 7357-7385. | 1.4 | 66 |
| 1943 | miR-125a-5p inhibits tumorigenesis in hepatocellular carcinoma. Aging, 2019, 11, 7639-7662. | 1.4 | 28 |
| 1944 | The construction and analysis of tumor-infiltrating immune cell and ceRNA networks in recurrent soft tissue sarcoma. Aging, 2019, 11, 10116-10143. | 1.4 | 35 |
| 1945 | Exosomal miR-183-5p promotes angiogenesis in colorectal cancer by regulation of FOXO1. Aging, 2020, 12, 8352-8371. | 1.4 | 64 |
| 1946 | Identification and validation of hub microRNAs dysregulated in esophageal squamous cell carcinoma. Aging, 2020, 12, 9807-9824. | 1.4 | 17 |
| 1947 | MiR-141-3p ameliorates RIPK1-mediated necroptosis of intestinal epithelial cells in necrotizing enterocolitis. Aging, 2020, 12, 18073-18083. | 1.4 | 22 |
| 1948 | LINCO0265 targets miR-382-5p to regulate SAT1, VAV3 and angiogenesis in osteosarcoma. Aging, 2020, 12, 20212-20225. | 1.4 | 13 |
| 1949 | Noncoding RNA in drug resistant sarcoma. Oncotarget, 2017, 8, 69086-69104. | 0.8 | 16 |
| 1950 | MiR-221-regulated KIT level by wild type or leukemia mutant RUNX1: a determinant of single myeloblast fate decisions that - collectively $\hat{a} \in \text{``drives or hinders granulopoiesis}$. Oncotarget, 2017, 8, 85783-85793. | 0.8 | 4 |
| 1951 | miR-564 inhibits hepatocellular carcinoma cell proliferation and invasion by targeting the GRB2-ERK1/2-AKT axis. Oncotarget, 2017, 8, 107543-107557. | 0.8 | 20 |
| 1952 | miR-1290 promotes lung adenocarcinoma cell proliferation and invasion by targeting SOCS4. Oncotarget, 2018, 9, 11977-11988. | 0.8 | 23 |
| 1953 | MiR-205 as predictive biomarker and adjuvant therapeutic tool in combination with trastuzumab. Oncotarget, 2018, 9, 27920-27928. | 0.8 | 14 |
| 1954 | The versatile nature of miR-9/9* in human cancer. Oncotarget, 2018, 9, 20838-20854. | 0.8 | 64 |
| 1955 | Identification of core aberrantly expressed microRNAs in serous ovarian carcinoma. Oncotarget, 2018, 9, 20451-20466. | 0.8 | 22 |
| 1956 | miR-193b and miR-30c-1* inhibit, whereas miR-576-5p enhances melanoma cell invasion <i>in vitro</i> Oncotarget, 2018, 9, 32507-32522. | 0.8 | 21 |
| 1957 | miR-665 targets c-MYC and HDAC8 to inhibit murine neuroblastoma cell growth. Oncotarget, 2018, 9, 33186-33201. | 0.8 | 15 |
| 1958 | Circulating cell-free miR-494 and miR-21 are disease response biomarkers associated with interim-positron emission tomography response in patients with diffuse large B-cell lymphoma. Oncotarget, 2018, 9, 34644-34657. | 0.8 | 14 |
| 1959 | <i>MicroRNA-34a</i> /IL-6R pathway as a potential therapeutic target for ovarian high-grade serous carcinoma. Oncotarget, 2019, 10, 4880-4893. | 0.8 | 6 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1960 | MiR-135a biogenesis and regulation in malignancy: a new hope for cancer research and therapy. Cancer Biology and Medicine, 2020, 17, 569-582. | 1.4 | 26 |
| 1961 | Construction of a potential microRNA, transcription factor and mRNA regulatory network in hepatocellular carcinoma. Translational Cancer Research, 2020, 9, 5528-5543. | 0.4 | 3 |
| 1962 | Long non-coding RNAs in non-small cell lung cancer: functions and distinctions from other malignancies. Translational Cancer Research, 2019, 8, 2636-2653. | 0.4 | 14 |
| 1963 | Exosomal miR-499a-5p Inhibits Endometrial Cancer Growth and Metastasis via Targeting VAV3. Cancer Management and Research, 2020, Volume 12, 13541-13552. | 0.9 | 32 |
| 1964 | Lipid-based Vehicles for siRNA Delivery in Biomedical Field. Current Pharmaceutical Biotechnology, 2020, 21, 3-22. | 0.9 | 8 |
| 1965 | MiR-143HG Gene Polymorphisms as Risk Factors for Gastric Cancer in Chinese Han Population. Current Molecular Medicine, 2020, 20, 536-547. | 0.6 | 1 |
| 1966 | The Application of the RNA Interference Technologies for KRAS: Current Status, Future Perspective and Associated Challenges. Current Topics in Medicinal Chemistry, 2019, 19, 2143-2157. | 1.0 | 8 |
| 1967 | MicroRNAs as Therapeutic Targets for Anticancer Drugs in Lung Cancer Therapy. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 1883-1894. | 0.9 | 3 |
| 1968 | MiRNA-210: A Current Overview. Anticancer Research, 2017, 37, 6511-6521. | 0.5 | 159 |
| 1969 | Potential microRNA-related Targets for Therapeutic Intervention with Ovarian Cancer Metastasis. Cancer Genomics and Proteomics, 2018, 15, 1-15. | 1.0 | 33 |
| 1970 | miR-140 and miR-196a as Potential Biomarkers in Breast Cancer Patients. Asian Pacific Journal of Cancer Prevention, 2020, 21, 1913-1918. | 0.5 | 8 |
| 1971 | The MicroRNA hsa-let-7g Promotes Proliferation and Inhibits Apoptosis in Lung Cancer by Targeting HOXB1. Yonsei Medical Journal, 2020, 61, 210. | 0.9 | 11 |
| 1972 | PVT1 Long Non-coding RNA in Gastrointestinal Cancer. Frontiers in Oncology, 2020, 10, 38. | 1.3 | 43 |
| 1973 | Pathogenetic Role and Clinical Implications of Regulatory RNAs in Biliary Tract Cancer. Cancers, 2021, 13, 12. | 1.7 | 11 |
| 1974 | Application of microRNA Database Mining in Biomarker Discovery and Identification of Therapeutic Targets for Complex Disease. Methods and Protocols, 2021, 4, 5. | 0.9 | 7 |
| 1975 | MicroRNA-155-5p Diminishes in Vitro Ovarian Cancer Cell Viability by Targeting HIF1α Expression. Advanced Pharmaceutical Bulletin, 2020, 10, 630-637. | 0.6 | 9 |
| 1976 | miR-186 Represses Proliferation, Migration, Invasion, and EMT of Hepatocellular Carcinoma via Directly Targeting CDK6. Oncology Research, 2020, 28, 509-518. | 0.6 | 9 |
| 1977 | MiR-205 mediated APC regulation contributes to pancreatic cancer cell proliferation. World Journal of Gastroenterology, 2019, 25, 3775-3786. | 1.4 | 20 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1978 | MicroRNAâ€'652 inhibits the biological characteristics of esophageal squamous cell carcinoma by directly targeting fibroblast growth factor receptor 1. Experimental and Therapeutic Medicine, 2019, 18, 4473-4480. | 0.8 | 6 |
| 1979 | miRâ€'454 promotes survival and induces oxaliplatin resistance in gastric carcinoma cells by targeting CYLD. Experimental and Therapeutic Medicine, 2020, 19, 3604-3610. | 0.8 | 6 |
| 1980 | Expression of miRâ€'495 and miRâ€'326 in peripheral blood of rheumatoid arthritis patients and its significance. Experimental and Therapeutic Medicine, 2020, 20, 3766-3774. | 0.8 | 6 |
| 1981 | Potential ceRNA networks involved in autophagy suppression of pancreatic cancer caused by chloroquine diphosphate: A study based on differentially‑expressed circRNAs, IncRNAs, miRNAs and mRNAs. International Journal of Oncology, 2019, 54, 600-626. | 3.9 | 33 |
| 1982 | Update on uveal melanoma: Translational research from biology to clinical practice (Review). International Journal of Oncology, 2020, 57, 1262-1279. | 1.4 | 35 |
| 1983 | MicroRNA‑708 inhibits the proliferation and invasion of osteosarcoma cells by directly targeting ZEB1. Molecular Medicine Reports, 2019, 19, 3948-3954. | 1.1 | 6 |
| 1984 | Identifying potential prognostic biomarkers in head and neck cancer based on the analysis of microRNA expression profiles in TCGA database. Molecular Medicine Reports, 2020, 21, 1647-1657. | 1.1 | 5 |
| 1985 | Long non‑coding RNA NNT‑AS1 knockdown represses the progression of gastric cancer via modulating the miR‑142‑5p/SOX4/Wntʃî²â€'catenin signaling pathway. Molecular Medicine Reports, 2020, 22, 687-696. | 1.1 | 17 |
| 1986 | MicroRNA-196a promotes cell proliferation and inhibits apoptosis in human ovarian cancer by directly targeting DDX3 and regulating the PTEN/PI3K/AKT signaling pathway. Molecular Medicine Reports, 2020, 22, 1277-1284. | 1.1 | 12 |
| 1987 | MicroRNA-1 promotes cartilage matrix synthesis and regulates chondrocyte differentiation via post-transcriptional suppression of Ihh expression. Molecular Medicine Reports, 2020, 22, 2404-2414. | 1.1 | 4 |
| 1988 | MicroRNA‴149‴3p inhibits cell proliferation byÂtargeting AKT2 in oral squamous cell carcinoma. Molecular Medicine Reports, 2020, 23, . | 1.1 | 10 |
| 1989 | Expression of miR‑221 and miR‑489 in breast cancer patients and their relationship with prognosis. Oncology Letters, 2020, 19, 1523-1529. | 0.8 | 6 |
| 1990 | Influence mechanism of miRNA‑144 on proliferation and apoptosis of osteosarcoma cells. Oncology Letters, 2020, 19, 1530-1536. | 0.8 | 6 |
| 1991 | Influence of miR‑101 on proliferation of liver cancer cells through the MAPK/ERK signaling pathway. Oncology Letters, 2020, 19, 1310-1316. | 0.8 | 7 |
| 1992 | Effect of miRâ€'205 on proliferation and migration of thyroid cancer cells by targeting CCNB2 and the mechanism. Oncology Letters, 2020, 19, 2568-2574. | 0.8 | 7 |
| 1993 | MicroRNAâ€'22 enhances radiosensitivity in cervical cancer cell lines via direct inhibition of câ€'Myc binding protein, and the subsequent reduction in hTERT expression. Oncology Letters, 2020, 19, 2213-2222. | 0.8 | 9 |
| 1994 | Comprehensive circular RNA profiling reveals the regulatory role of circ_100242/miR-145 pathway in bladder cancer. Oncology Letters, 2020, 19, 2971-2978. | 0.8 | 4 |
| 1995 | Long non‑coding RNA LINC00460 predicts poor survival and promotes cell viability in pancreatic cancer. Oncology Letters, 2020, 20, 1369-1375. | 0.8 | 9 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1996 | MicroRNAâ€101 suppresses colorectal cancer progression by negative regulation of Rap1b. Oncology Letters, 2020, 20, 2225-2231. | 0.8 | 8 |
| 1997 | MicroRNAâ€'490â€'3p suppresses the proliferation and invasion of hepatocellular carcinoma cells via targeting TMOD3. Oncology Letters, 2020, 20, 1-1. | 0.8 | 8 |
| 1998 | miR‑138‑5p suppresses glioblastoma cell viability and leads to cell cycle arrest by targeting cyclin D3. Oncology Letters, 2020, 20, 1-1. | 0.8 | 5 |
| 1999 | MicroRNAâ€'299â€'5p inhibits cell metastasis in breast cancer by directly targeting serine/threonine kinase 39. Oncology Reports, 2020, 43, 1221-1233. | 1.2 | 13 |
| 2000 | NEAT1 knockdown suppresses endothelial cell proliferation and induces apoptosis by regulating miR‑638/AKT/mTOR signaling in atherosclerosis. Oncology Reports, 2020, 44, 115-125. | 1.2 | 25 |
| 2001 | Circular RNA expression and association with the clinicopathological characteristics in papillary thyroid carcinoma. Oncology Reports, 2020, 44, 519-532. | 1.2 | 14 |
| 2002 | MicroRNAs target the Wnt/βâ€'catenin signaling pathway to regulate epithelialâ€'mesenchymal transition in cancer (Review). Oncology Reports, 2020, 44, 1299-1313. | 1.2 | 28 |
| 2003 | IncRNA KTN1â€'AS1 promotes glioma cell proliferation and invasion by negatively regulating miRâ€'505â€'3p. Oncology Reports, 2020, 44, 2645-2655. | 1.2 | 18 |
| 2004 | Advantages of Drug Selective Distribution in Cancer Treatment: Brentuximab Vedotin. International Journal of Pharmacology, 2017, 13, 785-807. | 0.1 | 3 |
| 2005 | Main NK cell receptors and their ligands: regulation by microRNAs. AIMS Allergy and Immunology, 2018, 2, 98-112. | 0.3 | 6 |
| 2006 | miR-15b-5p targeting amyloid precursor protein is involved in the anti-amyloid eflect of curcumin in swAPP695-HEK293 cells. Neural Regeneration Research, 2019, 14, 1603. | 1.6 | 24 |
| 2007 | miR-125b-5p/STAT3 Pathway Regulated by mTORC1 Plays a Critical Role in Promoting Cell Proliferation and Tumor Growth. Journal of Cancer, 2020, 11, 919-931. | 1.2 | 15 |
| 2008 | Inhibition of tumor progression and M2 microglial polarization by extracellular vesicle-mediated microRNA-124 in a 3D microfluidic glioblastoma microenvironment. Theranostics, 2021, 11, 9687-9704. | 4.6 | 38 |
| 2009 | Bidirectional modulation of microRNA with a clamp-like triplex switch for enhanced and programmed gene therapy. Chemical Communications, 2021, 57, 12131-12134. | 2.2 | 0 |
| 2010 | Small RNAs Worm Up Transgenerational Epigenetics Research. Dna, 2021, 1, 37-48. | 0.4 | 6 |
| 2011 | Identification of miRNA Signature Associated With Erectile Dysfunction in Type 2 Diabetes Mellitus by Support Vector Machine-Recursive Feature Elimination. Frontiers in Genetics, 2021, 12, 762136. | 1.1 | 4 |
| 2012 | Long nonÂ‑coding RNA SNHG16 functions as a tumor activator by sponging miR‑373‑3p to regulate the TGF‑β‑R2/SMAD pathway in prostate cancer. Molecular Medicine Reports, 2021, 24, . | 1.1 | 5 |
| 2013 | Targeting microRNAs with thymoquinone: a new approach for cancer therapy. Cellular and Molecular Biology Letters, 2021, 26, 43. | 2.7 | 21 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2014 | Circular Antisense Oligonucleotides for Specific RNase-H-Mediated microRNA Inhibition with Reduced Off-Target Effects and Nonspecific Immunostimulation. Journal of Medicinal Chemistry, 2021, 64, 16046-16055. | 2.9 | 5 |
| 2015 | Exosome long non-coding RNA SOX2-OT contributes to ovarian cancer malignant progression by miR-181b-5p/SCD1 signaling. Aging, 2021, 13, 23726-23738. | 1.4 | 17 |
| 2016 | Circ_0069718 promotes the progression of breast cancer by up-regulating NFIB through sequestering miR-590-5p. Mammalian Genome, 2021, 32, 517-529. | 1.0 | 2 |
| 2017 | MicroRNA-21 deficiency suppresses prostate cancer progression through downregulation of the IRS1-SREBP-1 signaling pathway. Cancer Letters, 2022, 525, 46-54. | 3.2 | 19 |
| 2018 | <scp>miR</scp> â€29aâ€3p promotes migration and invasion in ameloblastoma via Wnt/βâ€catenin signaling by targeting catenin beta interacting protein 1. Head and Neck, 2021, 43, 3911-3921. | 0.9 | 8 |
| 2020 | Identification and Expression Profiling of Circulating MicroRNAs in Serum of Cysticercus pisiformis-Infected Rabbits. Genes, 2021, 12, 1591. | 1.0 | 3 |
| 2021 | Where the Aryl Hydrocarbon Receptor Meets the microRNAs: Literature Review of the Last 10 Years. Frontiers in Molecular Biosciences, 2021, 8, 725044. | 1.6 | 11 |
| 2022 | Effects of miR-214/PTEN on the proliferation of colon cancer cells via regulating expression. Minerva Medica, 2022, 113, . | 0.3 | 1 |
| 2023 | MiR-30d Participates in Vincristine-Induced Neuropathic Pain by Down-Regulating GAD67. Neurochemical Research, 2022, 47, 481-492. | 1.6 | 6 |
| 2024 | DEMLP: DeepWalk Embedding in MLP for miRNA-Disease Association Prediction. Journal of Sensors, 2021, 2021, 1-8. | 0.6 | 3 |
| 2025 | MicroRNA-139-5p Alleviates High Glucose-Triggered Human Retinal Pigment Epithelial Cell Injury by Targeting LIM-Only Factor 4. Mediators of Inflammation, 2021, 2021, 1-10. | 1.4 | 6 |
| 2026 | Mycobacterium tuberculosis ESAT6 modulates host innate immunity by downregulating miR-222-3p target PTEN. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166292. | 1.8 | 5 |
| 2027 | MicroRNA Expression Profiles and Breast Cancer Chemotherapy. International Journal of Molecular Sciences, 2021, 22, 10812. | 1.8 | 30 |
| 2028 | Deregulated Expression of miR-483-3p Serves as a Diagnostic Biomarker in Severe Pneumonia Children with Respiratory Failure and Its Predictive Value for the Clinical Outcome of Patients. Molecular Biotechnology, 2022, 64, 311-319. | 1.3 | 8 |
| 2029 | Downregulation of microRNAâ€6125 promotes colorectal cancer growth through YTHDF2â€dependent recognition of N6â€methyladenosineâ€modified GSK3β. Clinical and Translational Medicine, 2021, 11, e602. | 1.7 | 36 |
| 2030 | Autophagy Regulates the Survival of Hair Cells and Spiral Ganglion Neurons in Cases of Noise, Ototoxic Drug, and Age-Induced Sensorineural Hearing Loss. Frontiers in Cellular Neuroscience, 2021, 15, 760422. | 1.8 | 41 |
| 2031 | miRNAs in decidual NK cells: regulators worthy of attention during pregnancy. Reproductive Biology and Endocrinology, 2021, 19, 150. | 1.4 | 7 |
| 2032 | MicroRNAs and Metabolism: Revisiting the Warburg Effect with Emphasis on Epigenetic Background and Clinical Applications. Biomolecules, 2021, 11, 1531. | 1.8 | 6 |

| # | Article | IF | CITATIONS |
|------|--|------|-----------|
| 2033 | A microRNA signature that correlates with cognition and is a target against cognitive decline. EMBO Molecular Medicine, 2021, 13, e13659. | 3.3 | 29 |
| 2034 | RUNX2 and LAMC2: promising pancreatic cancer biomarkers identified by an integrative data mining of pancreatic adenocarcinoma tissues. Aging, 2021, 13, 22963-22984. | 1.4 | 10 |
| 2035 | Circ_0001658 regulates gefitinib resistance of non-small cell lung cancer through miR-409-3p/TWIST1 axis. Anti-Cancer Drugs, 2022, 33, 158-166. | 0.7 | 10 |
| 2036 | Network potential identifies therapeutic miRNA cocktails in Ewing sarcoma. PLoS Computational Biology, 2021, 17, e1008755. | 1.5 | 9 |
| 2037 | Tumor Suppressor miRNA in Cancer Cells and the Tumor Microenvironment: Mechanism of Deregulation and Clinical Implications. Frontiers in Oncology, 2021, 11, 708765. | 1.3 | 75 |
| 2038 | MiR-149-5p: An Important miRNA Regulated by Competing Endogenous RNAs in Diverse Human Cancers. Frontiers in Oncology, 2021, 11, 743077. | 1.3 | 7 |
| 2039 | Therapeutic potential of PGC-1α in age-related macular degeneration (AMD) – the involvement of mitochondrial quality control, autophagy, and antioxidant response. Expert Opinion on Therapeutic Targets, 2021, 25, 773-785. | 1.5 | 14 |
| 2040 | Crosstalk Between microRNAs and the Pathological Features of Secondary Lymphedema. Frontiers in Cell and Developmental Biology, 2021, 9, 732415. | 1.8 | 3 |
| 2041 | The Role of MicroRNAs in Therapeutic Resistance of Malignant Primary Brain Tumors. Frontiers in Cell and Developmental Biology, 2021, 9, 740303. | 1.8 | 25 |
| 2042 | The Assessment of Selected miRNA Profile in Familial Mediterranean Fever. BioMed Research International, 2021, 2021, 1-8. | 0.9 | 2 |
| 2043 | Potential of different cells-derived exosomal microRNA cargos for treating spinal cord injury. Journal of Orthopaedic Translation, 2021, 31, 33-40. | 1.9 | 14 |
| 2044 | Identification and functional characterization of miR-451a as a novel plasma-based biomarker for occult hepatitis B virus infection. Microbial Pathogenesis, 2021, 161, 105233. | 1.3 | 2 |
| 2045 | The role of non-coding RNAs in chemotherapy for gastrointestinal cancers. Molecular Therapy - Nucleic Acids, 2021, 26, 892-926. | 2.3 | 20 |
| 2046 | MiR-155 promotes cadmium-induced autophagy in rat hepatocytes by suppressing Rheb expression. Ecotoxicology and Environmental Safety, 2021, 227, 112895. | 2.9 | 9 |
| 2049 | Sustained miRNA release regenerates the heart. Nature Biomedical Engineering, 2017, 1, 931-933. | 11.6 | 1 |
| 2053 | MicroRNAs: properties and role in the development and progression of non-alcoholic fatty liver disease. Modern Gastroenterology, 2018, . | 0.1 | O |
| 2055 | New Technologies in Drug Development Provide New Hope in Targeting of Dysregulated Redox Signalling in Cardiovascular Disease., 2019,, 505-532. | | 0 |
| 2056 | Oligonucleotide Targeting of Long Non-coding RNAs. RSC Drug Discovery Series, 2019, , 181-205. | 0.2 | O |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2057 | Regulation of Ferroptosis by MicroRNAs. , 2019, , 125-145. | | 2 |
| 2058 | Remifentanil regulates proliferation and apoptosis of gastric cancer cells by regulating miR-206/GOLPH3. World Chinese Journal of Digestology, 2019, 27, 228-237. | 0.0 | 1 |
| 2059 | MicroRNAs in the regulation of osteogenesis in vitro and in vivo: from fundamental mechanisms to bone diseases pathogenesis. Genes and Cells, 2019, 14, 41-48. | 0.2 | 1 |
| 2062 | The Impact of Serum MicroRNA-21 on Outcome of Diffuse Large B-Cell Lymphoma Patients. Medical Journal of the University of Cairo Faculty of Medicine, 2019, 87, 2183-2189. | 0.0 | 0 |
| 2069 | Expression Analysis of MicroRNA-196a in Esophageal Cancer. Journal of Clinical and Basic Research, 2019, 3, 5-11. | 0.1 | 0 |
| 2070 | MiR-1286 inhibits lung cancer growth through aerobic glycolysis by targeting PKM2. Archives of Medical Science, 2019, , . | 0.4 | 1 |
| 2072 | miR‑760 regulates skeletal muscle proliferation in rheumatoid arthritis by targeting Myo18b. Molecular Medicine Reports, 2019, 20, 4843-4854. | 1.1 | 11 |
| 2074 | Application of microRNA in the therapy of ischemic stroke. Cardiovascular Therapy and Prevention (Russian Federation), 2019, 18, 66-73. | 0.4 | 1 |
| 2075 | Knockdown of miR-10a-5p inhibits gastric cancer cell growth and metastasis by targeting THBS2. World Chinese Journal of Digestology, 2019, 27, 1419-1426. | 0.0 | 0 |
| 2076 | MicroRNA expression profile and TNM staging system predict survival in patients with lung adenocarcinoma. Mathematical Biosciences and Engineering, 2020, 17, 8074-8083. | 1.0 | 5 |
| 2077 | MicroRNAâ€'29câ€'3p acts as a tumor suppressor gene and inhibits tumor progression in hepatocellular carcinoma by targeting TRIM31. Oncology Reports, 2020, 43, 953-964. | 1.2 | 11 |
| 2079 | MicroRNAs: The New Challenge for Traumatic Brain Injury Diagnosis. Current Neuropharmacology, 2020, 18, 319-331. | 1.4 | 22 |
| 2080 | Effects of regulating miR-132 mediated GSK-3 \hat{l}^2 on learning and memory function in mice. Experimental and Therapeutic Medicine, 2020, 20, 1191-1197. | 0.8 | 2 |
| 2081 | MicroRNA expression integrated analysis and identification of novel biomarkers in small cell lung cancer: a meta-analysis. Translational Cancer Research, 2020, 9, 3339-3353. | 0.4 | 6 |
| 2082 | Identification and Expression of Several Circular RNAs and Knockdown of hsa_circ_0005556 Exerts Oncogenic Functions by miR-767-5p in Gastric Cancer. Medical Science Monitor, 2020, 26, e921163. | 0.5 | 2 |
| 2083 | Integrative analysis of miRNAs-mRNAs reveals that miR-182 up-regulation contributes to proliferation and invasion of nasopharyngeal carcinoma by targeting PTEN. Aging, 2020, 12, 11568-11578. | 1.4 | 6 |
| 2086 | Expression of miR-129-5p and miR-433 in the serum of breast cancer patients and their relationship with clinicopathological features. Oncology Letters, 2020, 20, 2771-2778. | 0.8 | 2 |
| 2087 | Downregulated miR‑130a enhances the sensitivity of acute myeloid leukemia cells to Adriamycin. Molecular Medicine Reports, 2020, 22, 2810-2816. | 1.1 | 3 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2088 | Bioinformatics analysis of BUB1 expression and gene regulation network in lung adenocarcinoma. Translational Cancer Research, 2020, 9, 4820-4833. | 0.4 | 4 |
| 2091 | Using bioinformatics and metabolomics to identify altered granulosa cells in patients with diminished ovarian reserve. PeerJ, 2020, 8, e9812. | 0.9 | 9 |
| 2092 | The role of microRNAs in diseases and related signaling pathways. Molecular Biology Reports, 2022, 49, 6789-6801. | 1.0 | 8 |
| 2093 | Inflamma-MicroRNAs in Alzheimer's Disease: From Disease Pathogenesis to Therapeutic Potentials. Frontiers in Cellular Neuroscience, 2021, 15, 785433. | 1.8 | 23 |
| 2094 | ncRNAs in Therapeutics: Challenges and Limitations in Nucleic Acid-Based Drug Delivery. International Journal of Molecular Sciences, 2021, 22, 11596. | 1.8 | 20 |
| 2095 | MicroRNA-506 modulates insulin resistance in human adipocytes by targeting S6K1 and altering the IRS1/PI3K/AKT insulin signaling pathway. Journal of Bioenergetics and Biomembranes, 2021, 53, 679-692. | 1.0 | 6 |
| 2096 | MicroRNA-106a regulates autophagy-related cell death and EMT by targeting TP53INP1 in lung cancer with bone metastasis. Cell Death and Disease, 2021, 12, 1037. | 2.7 | 20 |
| 2097 | LncRNA LINC01094 contributes to glioma progression by modulating miR-224-5p/CHSY1 axis. Human Cell, 2021, , 1. | 1,2 | 8 |
| 2098 | Classical and noncanonical functions of miRNAs in cancers. Trends in Genetics, 2022, 38, 379-394. | 2.9 | 94 |
| 2099 | miR-34c-5p mediates the cellular malignant behaviors of oral squamous cell carcinoma through targeted binding of TRIM29. Annals of Translational Medicine, 2021, 9, 1537-1537. | 0.7 | 5 |
| 2100 | Redox sensitive miR-27a/b/Nrf2 signaling in Cr(VI)-induced carcinogenesis. Science of the Total Environment, 2022, 809, 151118. | 3.9 | 15 |
| 2101 | miRNA-seq and clinical evaluation in multiple myeloma: miR-181a overexpression predicts short-term disease progression and poor post-treatment outcome. British Journal of Cancer, 2022, 126, 79-90. | 2.9 | 11 |
| 2102 | MicroRNAs linking oxidative stress and diabetes. , 2020, , 97-106. | | 0 |
| 2103 | MirCure: a tool for quality control, filter and curation of microRNAs of animals and plants. Bioinformatics, 2020, 36, i618-i624. | 1.8 | 4 |
| 2105 | Gene Expression Signatures of a Preclinical Mouse Model during Colorectal Cancer Progression under Low-Dose Metronomic Chemotherapy. Cancers, 2021, 13, 49. | 1.7 | 7 |
| 2106 | TRIM25 contributes to the malignancy of acute myeloid leukemia and is negatively regulated by microRNA-137. Open Medicine (Poland), 2020, 16, 095-103. | 0.6 | 2 |
| 2107 | gga-miR-148a-5p-Targeting PDPK1 Inhibits Proliferation and Cell Cycle Progression of Avain Leukosis Virus Subgroup J (ALV-J)-Infected Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 587889. | 1.8 | 6 |
| 2108 | Comprehensive analysis of lncRNA‑associated ceRNA network reveals the novel potential of lncRNA, miRNA and mRNA biomarkers in human rectosigmoid junction cancer. Oncology Letters, 2020, 21, 144. | 0.8 | 3 |

| # | Article | IF | CITATIONS |
|------|---|--------------------|------------|
| 2109 | microRNAs in Obesity and Metabolic Diseases. , 2020, , 71-95. | | 1 |
| 2110 | MicroRNA-497-5p negatively regulates the proliferation and cisplatin resistance of non-small cell lung cancer cells by targeting YAP1 and TEAD1. Translational Cancer Research, 2019, 8, 2470-2480. | 0.4 | 2 |
| 2111 | miR‑125b suppresses cellular proliferation by targeting c‑FLIP in gallbladder carcinoma. Oncology Letters, 2019, 18, 6822-6828. | 0.8 | 1 |
| 2112 | miR-425-5p, a SOX2 target, regulates the expression of FOXJ3 and RAB31 and promotes the survival of GSCs. Archives of Clinical and Biomedical Research, 2020, 04, 221-238. | 0.1 | 6 |
| 2113 | MicroRNAs: Role in Cancer and miRNA Signatures in Endometrial Cancer. , 2020, , 205-221. | | 0 |
| 2114 | Clinical Significance of miR-1294 Expression in Gastric Cancer and Its Effect on Proliferation, Invasion and Migration of Gastric Cancer Cells. Advances in Clinical Medicine, 2020, 10, 3060-3068. | 0.0 | 0 |
| 2115 | Application of Nanomaterials in Treatment of Endocrine Diseases. , 2020, , 191-210. | | 0 |
| 2116 | A Brief Survey for MicroRNA Precursor Identification Using Machine Learning Methods. Current Genomics, 2020, 21, 11-25. | 0.7 | 3 |
| 2118 | Identification of key miRNAs and genes for mouse retinal development using a linear model. Molecular Medicine Reports, 2020, 22, 494-506. | 1.1 | 8 |
| 2119 | Long intergenic non-protein coding RNA 324 prevents breast cancer progression by modulating miR-10b-5p. Aging, 2020, 12, 6680-6699. | 1.4 | 17 |
| 2120 | miR‑539 suppresses the proliferation, migration, invasion and epithelial mesenchymal transition of pancreatic cancer cells through targeting SP1. International Journal of Molecular Medicine, 2020, 45, 1771-1782. | 1.8 | 5 |
| 2122 | ĐΫĐĐʹĐЦĐʹĐΫĐʹ ĐœĐĐ¢Đ•ĐœĐĐ¢Đ Đ§ĐОГО ĐœĐžĐ"ЕЛЮĐ'ĐĐĐĐ⁻ Đ¼Ñ–Đ°Ñ€Đ¾ĐĐĐš-ĐžĐΫĐžĐ¡t | D• DD •D"Đ: | šĐžĐ'ĐĐĐ'E |
| 2123 | MYC dosage compensation is mediated by miRNA-transcription factor interactions in aneuploid cancer. IScience, 2021, 24, 103407. | 1.9 | 6 |
| 2124 | The Use of Peptides in the Treatment of Fragile X Syndrome: Challenges and Opportunities. Frontiers in Psychiatry, 2021, 12, 754485. | 1.3 | 3 |
| 2125 | Structure and function encoding of a bidirectional activatable synergetic DNA machine for speeded and ultrasensitive determination of microRNAs. Talanta, 2022, 238, 123037. | 2.9 | 2 |
| 2126 | miRNA as a Modulator of Immunotherapy and Immune Response in Melanoma. Biomolecules, 2021, 11, 1648. | 1.8 | 15 |
| 2127 | MicroRNA-361-5p Aggravates Acute Pancreatitis by Promoting Interleukin-17A Secretion <i>via</i> lmpairment of Nuclear Factor IA-Dependent Hes1 Downregulation. Journal of Medicinal Chemistry, 2021, 64, 16541-16552. | 2.9 | 4 |
| 2128 | The promise of microRNA-based therapies in Alzheimer's disease: challenges and perspectives. Molecular Neurodegeneration, 2021, 16, 76. | 4.4 | 52 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2129 | Cellular microRNA-127-3p suppresses oncogenic herpesvirus-induced transformation and tumorigenesis via down-regulation of SKP2. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118 , . | 3.3 | 5 |
| 2130 | miR-4454 Promotes Hepatic Carcinoma Progression by Targeting Vps4A and Rab27A. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-24. | 1.9 | 16 |
| 2131 | A Focus on Regulatory Networks Linking MicroRNAs, Transcription Factors and Target Genes in Neuroblastoma. Cancers, 2021, 13, 5528. | 1.7 | 16 |
| 2132 | MiRNA-30e downregulation increases cancer cell proliferation, invasion and tumor growth through targeting RPS6KB1. Aging, 2021, 13, 24037-24049. | 1.4 | 9 |
| 2133 | Expression of MiR-664-3p in Osteosarcoma and Its Effects on the Proliferation and Apoptosis of Osteosarcoma Cells. Iranian Journal of Public Health, O, , . | 0.3 | 0 |
| 2136 | MiR-128 suppresses metastatic capacity by targeting metadherin in breast cancer cells. Biological Research, 2020, 53, 43. | 1.5 | 14 |
| 2137 | MiR-4328 inhibits proliferation, metastasis and induces apoptosis in keloid fibroblasts by targeting BCL2 expression. Open Life Sciences, 2020, 15, 638-646. | 0.6 | 4 |
| 2139 | LncRNA C9orf139 can regulate the growth of pancreatic cancer by mediating the miR-663a/Sox12 axis. World Journal of Gastrointestinal Oncology, 2020, 12, 1272-1287. | 0.8 | 12 |
| 2140 | MicroRNA-126: Dual Role in Angiogenesis Dependent Diseases. Current Pharmaceutical Design, 2020, 26, 4883-4893. | 0.9 | 8 |
| 2141 | Therapeutic Peptide Nucleic Acids: Principles, Limitations, and Opportunities. Yale Journal of Biology and Medicine, 2017, 90, 583-598. | 0.2 | 65 |
| 2142 | Species-specific function of microRNA-7702 in human colorectal cancer cells via targeting TADA1. American Journal of Translational Research (discontinued), 2018, 10, 2579-2589. | 0.0 | 4 |
| 2144 | LINC01234 promotes multiple myeloma progression by regulating miR-124-3p/GRB2 axis. American Journal of Translational Research (discontinued), 2019, 11, 6600-6618. | 0.0 | 7 |
| 2145 | SPP1 functions as an enhancer of cell growth in hepatocellular carcinoma targeted by miR-181c. American Journal of Translational Research (discontinued), 2019, 11, 6924-6937. | 0.0 | 20 |
| 2146 | Expression of miR-664-3p in Osteosarcoma and Its Effects on the Proliferation and Apoptosis of Osteosarcoma Cells. Iranian Journal of Public Health, 2019, 48, 1817-1826. | 0.3 | 0 |
| 2147 | MicroRNA-125b protects hyperglycemia-induced, human retinal pigment epithelial cells (RPE) from death by targeting hexokinase 2. International Journal of Clinical and Experimental Pathology, 2018, 11, 3111-3118. | 0.5 | 2 |
| 2148 | miR-210 promotes progression of endometrial carcinoma by regulating the expression of NFIX. International Journal of Clinical and Experimental Pathology, 2018, 11, 5213-5222. | 0.5 | 5 |
| 2149 | Targeting micro-RNAs by natural products: a novel future therapeutic strategy to combat cancer. American Journal of Translational Research (discontinued), 2020, 12, 3531-3556. | 0.0 | 1 |
| 2150 | Analysis of the expression levels and clinical value of miR-365 and miR-25 in serum of patients with non-small cell lung cancer. Oncology Letters, 2020, 20, 191. | 0.8 | 1 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2151 | Integrated microarray analysis of key genes and a miRNA‑mRNA regulatory network of early‑onset preeclampsia. Molecular Medicine Reports, 2020, 22, 4772-4782. | 1.1 | 0 |
| 2152 | Diagnostic values of NLR and miR-141 in patients with osteoarthritis and their association with severity of knee osteoarthritis. Experimental and Therapeutic Medicine, 2021, 21, 74. | 0.8 | 0 |
| 2153 | miR-155-5p regulates macrophage M1 polarization and apoptosis in the synovial fluid of patients with knee osteoarthritis. Experimental and Therapeutic Medicine, 2021, 21, 68. | 0.8 | 3 |
| 2154 | CXCL5 contributes to the tumorigenicity of cervical cancer and is post-transcriptionally regulated by miR-577. International Journal of Clinical and Experimental Pathology, 2020, 13, 2984-2993. | 0.5 | 6 |
| 2156 | The clinical application value of miR-1269 as an unfavorable prognostic indicator of lung cancer. American Journal of Translational Research (discontinued), 2021, 13, 3270-3277. | 0.0 | 1 |
| 2157 | Mechanisms of miR-195-5p and FOXK1 in rat xenograft models of non-small cell lung cancer. American Journal of Translational Research (discontinued), 2021, 13, 2528-2536. | 0.0 | 1 |
| 2158 | Ameliorative effects of miR-186 on cisplatin-triggered acute kidney injury via targeting ZEB1. American Journal of Translational Research (discontinued), 2021, 13, 4296-4308. | 0.0 | 1 |
| 2159 | The microRNA miR-21 conditions the brain to protect against ischemic and traumatic injuries. Conditioning Medicine, 2017, 1, 35-46. | 1.3 | 0 |
| 2160 | Expression and clinical significance of miR-338 and miR-20a in serum of patients with gastric carcinoma. American Journal of Translational Research (discontinued), 2021, 13, 6620-6628. | 0.0 | 0 |
| 2161 | MicroRNAs in the Myelodysplastic Syndrome. Acta Naturae, 2021, 13, 4-15. | 1.7 | 1 |
| 2162 | LINCO0671 inhibits renal cell cancer progression via regulating miR-221-5p/SOCS1 axis. American Journal of Translational Research (discontinued), 2021, 13, 7524-7537. | 0.0 | 2 |
| 2163 | miR-590-5p affects chondrocyte proliferation, apoptosis, and inflammation by targeting FGF18 in osteoarthritis. American Journal of Translational Research (discontinued), 2021, 13, 8728-8741. | 0.0 | 1 |
| 2164 | Pancreatic Cancer Progression Is Regulated by IPO7/p53/LncRNA MALAT1/MiR-129-5p Positive Feedback Loop. Frontiers in Cell and Developmental Biology, 2021, 9, 630262. | 1.8 | 3 |
| 2165 | Epigenetics and precision medicine in lung cancer. , 2022, , 109-145. | | 1 |
| 2166 | Epigenetics and precision medicine in allergic diseases. , 2022, , 407-448. | | 0 |
| 2167 | MicroRNA-195-3p promotes hepatic stellate cell activation and liver fibrosis by suppressing PTEN expression. Toxicology Letters, 2022, 355, 88-99. | 0.4 | 10 |
| 2168 | MicroRNAs in the Myelodysplastic Syndrome. Acta Naturae, 2021, 13, 4-15. | 1.7 | 10 |
| 2169 | MicroRNA Cues from Nature: A Roadmap to Decipher and Combat Challenges in Human Health and Disease?. Cells, 2021, 10, 3374. | 1.8 | 24 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2170 | Dysregulated MicroRNAs as Biomarkers or Therapeutic Targets in Cisplatin-Induced Nephrotoxicity: A Systematic Review. International Journal of Molecular Sciences, 2021, 22, 12765. | 1.8 | 6 |
| 2171 | Long Noncoding RNA SNHG1 Regulates LMNB2 Expression by Sponging miR-326 and Promotes Cancer Growth in Hepatocellular Carcinoma. Frontiers in Oncology, 2021, 11, 784067. | 1.3 | 5 |
| 2172 | miR‑30a‑5p induces the adipogenic differentiation of bone marrow mesenchymal stem cells by targeting FAM13A/Wnt/β‑catenin signaling in aplastic anemia. Molecular Medicine Reports, 2021, 25, . | 1.1 | 1 |
| 2173 | Circulating MicroRNAs as Non-invasive Biomarkers for Canine Cushing's Syndrome. Frontiers in Veterinary Science, 2021, 8, 760487. | 0.9 | 6 |
| 2174 | Long noncoding RNA SNHG25 promotes the malignancy of endometrial cancer by sponging microRNA-497-5p and increasing FASN expression. Journal of Ovarian Research, 2021, 14, 163. | 1.3 | 16 |
| 2175 | MiR-106b-5p Promotes Malignant Behaviors of Cervical Squamous Cell Carcinoma Cells by Targeting TIMP2. Reproductive Sciences, 2022, 29, 203-211. | 1.1 | 0 |
| 2176 | Curcumin derivative ST09 modulates the miR-199a-5p/DDR1 axis and regulates proliferation and migration in ovarian cancer cells. Scientific Reports, 2021, 11, 23025. | 1.6 | 11 |
| 2177 | Crosstalk between circRNAs and the PI3K/AKT signaling pathway in cancer progression. Signal Transduction and Targeted Therapy, 2021, 6, 400. | 7.1 | 86 |
| 2178 | MicroRNA-1915-3p inhibits cell migration and invasion by targeting SET in non-small-cell lung cancer. BMC Cancer, 2021, 21, 1218. | 1.1 | 11 |
| 2179 | Identification of miR-885-5p as a Tumor Biomarker: Regulation of Cellular Function in Cervical Cancer. Gynecologic and Obstetric Investigation, 2021, 86, 525-532. | 0.7 | 2 |
| 2180 | miR-514a-3p: a novel SHP-2 regulatory miRNA that modulates human cytotrophoblast proliferation. Journal of Molecular Endocrinology, 2022, 68, 99-110. | 1.1 | 3 |
| 2181 | Overexpression of miR-138-5p Sensitizes Taxol-Resistant Epithelial Ovarian Cancer Cells through Targeting Cyclin-Dependent Kinase 6. Gynecologic and Obstetric Investigation, 2021, 86, 533-541. | 0.7 | 4 |
| 2182 | Circular RNA UBR1 promotes the proliferation, migration, and invasion but represses apoptosis of lung cancer cells via modulating microRNA-545-5p/SSFA2 axis. Bioengineered, 2021, 12, 12135-12147. | 1.4 | 9 |
| 2183 | miRNA-338-3p inhibits glioma cell proliferation and progression by targeting MYT1L. Brain Research Bulletin, 2022, 179, 1-12. | 1.4 | 7 |
| 2184 | Molecular Pathogenesis of the Coronin Family: CORO2A Facilitates Migration and Invasion Abilities in Oral Squamous Cell Carcinoma. International Journal of Molecular Sciences, 2021, 22, 12684. | 1.8 | 3 |
| 2185 | Upregulation of miR-216a-5p by Lentinan Targeted Inhibition of JAK2/STAT3 Signaling Pathway to Reduce Lung Adenocarcinoma Cell Stemness, Promote Apoptosis, and Slow Down the Lung Adenocarcinoma Mechanisms. Frontiers in Oncology, 2021, 11, 778096. | 1.3 | 5 |
| 2186 | Preclinical Imaging Evaluation of miRNAs' Delivery and Effects in Breast Cancer Mouse Models: A Systematic Review. Cancers, 2021, 13, 6020. | 1.7 | 4 |
| 2187 | Circular RNA circPIP5K1A contributes to cancer stemness of osteosarcoma by miR-515-5p/YAP axis. Journal of Translational Medicine, 2021, 19, 464. | 1.8 | 15 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2188 | MicroRNAs: From Junk RNA to Life Regulators and Their Role in Cardiovascular Disease. Neurology International, 2021, 11, 230-254. | 0.2 | 1 |
| 2189 | RBM38 is negatively regulated by miR‑320b and enhances Adriamycin resistance in breast cancer cells. Oncology Letters, 2021, 23, 27. | 0.8 | 6 |
| 2190 | MicroRNAs affect GPCR and Ion channel genes needed for influenza replication. Journal of General Virology, 2021, 102, . | 1.3 | 0 |
| 2191 | miR-183-5p Aggravates Breast Cancer Development via Mediation of RGS2. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-9. | 0.7 | 7 |
| 2192 | MicroRNA-29 specifies age-related differences in the CD8+ TÂcell immune response. Cell Reports, 2021, 37, 109969. | 2.9 | 3 |
| 2193 | Prognostic Value of LHFPL Tetraspan Subfamily Member 6 (LHFPL6) in Gastric Cancer: A Study Based on Bioinformatics Analysis and Experimental Validation. Pharmacogenomics and Personalized Medicine, 2021, Volume 14, 1483-1504. | 0.4 | 1 |
| 2194 | MicroRNA-22-3p targeted regulating transcription factor 7-like 2 (TCF7L2) constrains the Wnt \hat{l}^2 -catenin pathway and malignant behavior in osteosarcoma. Bioengineered, 2022, 13, 9135-9147. | 1.4 | 10 |
| 2195 | Herpesviridae and microRNAs., 0, , . | | O |
| 2196 | Knockdown of lncRNA NEAT1 suppresses proliferation and migration, and induces apoptosis of cervical cancerÂcells by regulating the miR‑377/FGFR1 axis. Molecular Medicine Reports, 2021, 25, . | 1.1 | 5 |
| 2197 | Chitosan nanoparticle-mediated effect of antimiRNA-324-5p on decreasing the ovarian cancer cell proliferation by regulation of GLI1 expression. BioImpacts, 2021, , . | 0.7 | 2 |
| 2198 | Circulating Exosomal miRNAs as Novel Biomarkers Perform Superior Diagnostic Efficiency Compared With Plasma miRNAs for Large-Artery Atherosclerosis Stroke. Frontiers in Pharmacology, 2021, 12, 791644. | 1.6 | 13 |
| 2199 | Self-assembled RNA nanocarrier-mediated chemotherapy combined with molecular targeting in the treatment of esophageal squamous cell carcinoma. Journal of Nanobiotechnology, 2021, 19, 388. | 4.2 | 7 |
| 2200 | Development of CPP-Based Methods for Delivery of miRNAs into the Skin and Airways: Lessons from Cell Culture and Mouse Models. Methods in Molecular Biology, 2022, 2383, 515-528. | 0.4 | 4 |
| 2201 | Identification of miR-199-5p and miR-199-3p Target Genes: Paxillin Facilities Cancer Cell Aggressiveness in Head and Neck Squamous Cell Carcinoma. Genes, 2021, 12, 1910. | 1.0 | 10 |
| 2202 | A Review on the Evolving Roles of MiRNA-Based Technologies in Diagnosing and Treating Heart Failure. Cells, 2021, 10, 3191. | 1.8 | 12 |
| 2203 | Long Non-Coding RNA-Mediated Competing Endogenous RNA Networks in Ischemic Stroke: Molecular Mechanisms, Therapeutic Implications, and Challenges. Frontiers in Pharmacology, 2021, 12, 765075. | 1.6 | 12 |
| 2204 | microRNA-26a represses pancreatic cancer cell malignant behaviors by targeting E2F7. Discover Oncology, 2021, 12, 55. | 0.8 | 7 |
| 2205 | The Expression of miR-23a and miR-146a in the Saliva of Patients with Periodontitis and Its Clinical Significance. BioMed Research International, 2021, 2021, 1-8. | 0.9 | 7 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2206 | MiR-138-5p Suppresses Cell Growth and Migration in Melanoma by Targeting Telomerase Reverse Transcriptase. Genes, 2021, 12, 1931. | 1.0 | 12 |
| 2207 | Novel Implications of MicroRNAs, Long Non-coding RNAs and Circular RNAs in Drug Resistance of Esophageal Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 764313. | 1.8 | 9 |
| 2208 | Tribulus terrestris L. protects glomerular endothelial cells via the miR155-H2AC6 interaction network in hypertensive renal injury. Annals of Translational Medicine, 2021, 9, 1626-1626. | 0.7 | 2 |
| 2209 | Regulation of Hypoxic Signaling and Oxidative Stress via the MicroRNA–SIRT2 Axis and Its Relationship with Aging-Related Diseases. Cells, 2021, 10, 3316. | 1.8 | 8 |
| 2210 | Non-coding RNAs and their bioengineering applications for neurological diseases. Bioengineered, 2021, 12, 11675-11698. | 1,4 | 14 |
| 2211 | Inhibition of miR-15a-5p Promotes the Chemoresistance to Pirarubicin in Hepatocellular Carcinoma via Targeting eIF4E. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-11. | 0.7 | 9 |
| 2212 | MiR-489-3p Reduced Pancreatic Cancer Proliferation and Metastasis By Targeting PKM2 and LDHA Involving Glycolysis. Frontiers in Oncology, 2021, 11, 651535. | 1.3 | 5 |
| 2213 | MicroRNAâ€411â€3p inhibits bleomycinâ€induced skin fibrosis by regulating transforming growth factorâ€î²/Smad ubiquitin regulatory factorâ€2 signalling. Journal of Cellular and Molecular Medicine, 2021, 25, 11290-11299. | 1.6 | 6 |
| 2214 | The circular RNA circSLC7A11 functions as a mir-330-3p sponge to accelerate hepatocellular carcinoma progression by regulating cyclin-dependent kinase 1 expression. Cancer Cell International, 2021, 21, 636. | 1.8 | 5 |
| 2215 | Up–to–date on the evidence linking miRNA-related epitranscriptomic modifications and disease settings. Can these modifications affect cross-kingdom regulation?. RNA Biology, 2021, , 1-14. | 1.5 | 3 |
| 2216 | MicroRNAâ€190bÂexpression predicts a good prognosis and attenuates the malignant progression of pancreatic cancer by targeting MEF2C and TCF4. Oncology Reports, 2021, 47, . | 1.2 | 3 |
| 2217 | MicroRNA-1246 Mediates Drug Resistance and Metastasis in Breast Cancer by Targeting NFE2L3. Frontiers in Oncology, 2021, 11, 677168. | 1.3 | 14 |
| 2218 | <scp>CircRNA</scp> circ_0008037 facilitates tumor growth and the Warburg effect via upregulating <scp>NUCKS1</scp> by binding to <scp>miR</scp> â€433â€3p in nonâ€small cell lung cancer. Thoracic Cancer, 2022, 13, 162-172. | 0.8 | 7 |
| 2219 | A Photoresponsive and Metal–Organic Framework Encapsulated DNA Tetrahedral Entropy-Driven Amplifier for High-Performance Imaging Intracellular MicroRNA. Analytical Chemistry, 2021, 93, 16638-16645. | 3.2 | 29 |
| 2220 | Tumor microenvironment based stimuli-responsive CRISPR/Cas delivery systems: A viable platform for interventional approaches. Colloids and Surfaces B: Biointerfaces, 2022, 210, 112257. | 2.5 | 9 |
| 2221 | MicroRNA-16 represses granulosa cell proliferation in polycystic ovarian syndrome through inhibition of the PI3K/Akt pathway by downregulation of Apelin13. Human Fertility, 2023, 26, 611-621. | 0.7 | 2 |
| 2222 | Development of Lipid Nanoparticles for the Delivery of Macromolecules Based on the Molecular Design of pH-Sensitive Cationic Lipids. Chemical and Pharmaceutical Bulletin, 2021, 69, 1141-1159. | 0.6 | 14 |
| 2223 | Role of Dietary Ingredients on Expression of Oncogenic and Tumour Suppressor miRNA., 2021,, 69-76. | | O |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2224 | Echinacoside Suppresses the Progression of Breast Cancer by Downregulating the Expression of miR-4306 and miR-4508. Integrative Cancer Therapies, 2021, 20, 153473542110626. | 0.8 | 10 |
| 2225 | circATP2A2 promotes osteosarcoma progression by upregulating MYH9. Open Medicine (Poland), 2021, 16, 1749-1761. | 0.6 | 4 |
| 2226 | Review: RNA-Based Diagnostic Markers Discovery and Therapeutic Targets Development in Cancer. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 2227 | miR-99b-5p, miR-380-3p, and miR-485-3p are novel chemosensitizing miRNAs in high-risk neuroblastoma. Molecular Therapy, 2022, 30, 1119-1134. | 3.7 | 5 |
| 2228 | KLF4, negatively regulated by miR-7, suppresses osteoarthritis development via activating TGF- \hat{l}^21 signaling. International Immunopharmacology, 2022, 102, 108416. | 1.7 | 14 |
| 2229 | Nonâ€coding RNA and cholesteatoma. Laryngoscope Investigative Otolaryngology, 2022, 7, 60-66. | 0.6 | 0 |
| 2230 | miR-133a targets YES1 to reduce cisplatin resistance in ovarian cancer by regulating cell autophagy. Cancer Cell International, 2022, 22, 15. | 1.8 | 19 |
| 2231 | TOP2A promotes proliferation and metastasis of hepatocellular carcinoma regulated by miR-144-3p. Journal of Cancer, 2022, 13, 589-601. | 1.2 | 20 |
| 2232 | MiR-150 Attenuates Maladaptive Cardiac Remodeling Mediated by Long Noncoding RNA MIAT and Directly Represses Profibrotic <i>Hoxa4</i> Circulation: Heart Failure, 2022, 15, CIRCHEARTFAILURE121008686. | 1.6 | 17 |
| 2233 | MiR-181c suppresses triple-negative breast cancer tumorigenesis by targeting MAP4K4. Pathology Research and Practice, 2022, 230, 153763. | 1.0 | 10 |
| 2234 | Chondrocyte-derived Exosomal miR-195 Inhibits Osteosarcoma Cell Proliferation and Anti-Apoptotic by Targeting KIF4A in vitro and in vivo. Translational Oncology, 2022, 16, 101289. | 1.7 | 9 |
| 2235 | Delivery of miRNAs to the adipose organ for metabolic health. Advanced Drug Delivery Reviews, 2022, 181, 114110. | 6.6 | 7 |
| 2236 | Association between miRNAs expression and multiple sclerosis pathogenesis: A novel therapeutic approach. Gene Reports, 2022, 26, 101457. | 0.4 | 1 |
| 2237 | Integrated microarray analysis of key genes and a miRNA‑mRNA regulatory network of early‑onset preeclampsia. Molecular Medicine Reports, 2020, 22, 4772-4782. | 1.1 | 4 |
| 2238 | Analysis of the expression levels and clinical value of miRâ€'365 and miRâ€'25 in serum of patients with nonâ€'small cell lung cancer. Oncology Letters, 2020, 20, 1-1. | 0.8 | 5 |
| 2239 | Role of circular RNAs and long non‑coding RNAs inÂtheÂclinical translation of gastric cancer (Review). International Journal of Molecular Medicine, 2020, 47, 77-91. | 1.8 | 3 |
| 2240 | Diagnostic values of NLR and miRâ€'141 in patients with osteoarthritis and their association with severity of knee osteoarthritis. Experimental and Therapeutic Medicine, 2020, 21, 74. | 0.8 | 5 |
| 2241 | miRâ€'155â€'5p regulates macrophage M1 polarization and apoptosis in the synovial fluid of patients with knee osteoarthritis. Experimental and Therapeutic Medicine, 2020, 21, 68. | 0.8 | 15 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2242 | Silencing of miR-1246 Induces Cell Cycle Arrest and Apoptosis in Cisplatin-Resistant Ovarian Cancer Cells by Promoting <i>ZNF23</i> Transcription. Cytogenetic and Genome Research, 2021, 161, 488-500. | 0.6 | 2 |
| 2243 | The Regulatory Network of MicroRNA in the Metabolism of Colorectal Cancer. Journal of Cancer, 2021, 12, 7454-7464. | 1.2 | 3 |
| 2244 | MicroRNA-181c-5p modulates phagocytosis efficiency in bone marrow-derived macrophages. Inflammation Research, 2022, 71, 321-330. | 1.6 | 3 |
| 2245 | MiroRNA-31-3p Promotes the Invasion and Metastasis of Non-Small-Cell Lung Cancer Cells by Targeting Forkhead Box 1 (FOXO1). Computational and Mathematical Methods in Medicine, 2022, 2022, 1-11. | 0.7 | 8 |
| 2246 | MIMRDA: A Method Incorporating the miRNA and mRNA Expression Profiles for Predicting miRNA-Disease Associations to Identify Key miRNAs (microRNAs). Frontiers in Genetics, 2022, 13, 825318. | 1.1 | 2 |
| 2247 | miRNAs as Biomarkers and Possible Therapeutic Strategies in Rheumatoid Arthritis. Cells, 2022, 11, 452. | 1.8 | 28 |
| 2248 | miR-17-5p promotes the invasion and migration of colorectal cancer by regulating HSPB2. Journal of Cancer, 2022, 13, 918-931. | 1.2 | 12 |
| 2249 | Impairment of Decidualization of Endometrial Stromal Cells by hsa-miR-375 Through NOX4 Targeting. Reproductive Sciences, 2022, 29, 3212-3221. | 1.1 | 3 |
| 2250 | Alternative Splicing, Epigenetic Modifications and Cancer: A Dangerous Triangle, or a Hopeful One?. Cancers, 2022, 14, 560. | 1.7 | 13 |
| 2251 | Hsa-miR-557 Inhibits Osteosarcoma Growth Through Targeting KRAS. Frontiers in Genetics, 2021, 12, 789823. | 1.1 | 5 |
| 2252 | Lipid-Based Nanocarriers in Renal RNA Therapy. Biomedicines, 2022, 10, 283. | 1.4 | 9 |
| 2253 | Low expression of LncRNA-CAF attributed to the high expression of HIF1A in esophageal squamous cell carcinoma and gastric cancer patients. Molecular Biology Reports, 2022, 49, 895-905. | 1.0 | 9 |
| 2254 | Functional assessment of miR‑1291 in colon cancer cells. International Journal of Oncology, 2022, 60, . | 1.4 | 9 |
| 2256 | MiR-20b-5p contributes to the dysfunction of vascular smooth muscle cells by targeting MAGI3 in hypertension. Journal of Molecular Histology, 2022, , $1.$ | 1.0 | 3 |
| 2257 | Prediction of lncRNA-disease association based on a Laplace normalized random walk with restart algorithm on heterogeneous networks. BMC Bioinformatics, 2022, 23, 5. | 1.2 | 16 |
| 2258 | LncRNA HCG18 promotes osteosarcoma growth by enhanced aerobic glycolysis via the miR-365a-3p/PGK1 axis. Cellular and Molecular Biology Letters, 2022, 27, 5. | 2.7 | 22 |
| 2259 | Allele-Selective LNA Gapmers for the Treatment of Fibrodysplasia Ossificans Progressiva Knock Down the Pathogenic ACVR1 ^{R206H} Transcript and Inhibit Osteogenic Differentiation. Nucleic Acid Therapeutics, 2022, 32, 185-193. | 2.0 | 5 |
| 2260 | MicroRNA regulatory networks associated with abnormal muscle repair in survivors of critical illness. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1262-1276. | 2.9 | 6 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2261 | Pan-Cancer Analysis Reveals Genomic and Clinical Characteristics of TRPV Channel-Related Genes. Frontiers in Oncology, 2022, 12, 813100. | 1.3 | 13 |
| 2262 | Long Non-coding RNA ZFPM2-AS1: A Novel Biomarker in the Pathogenesis of Human Cancers. Molecular Biotechnology, 2022, 64, 725-742. | 1.3 | 4 |
| 2263 | miR-153-3p Attenuates the Development of Gastric Cancer by Suppressing SphK2. Biochemical Genetics, 2022, 60, 1748-1761. | 0.8 | 4 |
| 2264 | Structure–Activity Relationships of Anti-microRNA Oligonucleotides Containing Cationic Guanidine-Modified Nucleic Acids. Journal of Medicinal Chemistry, 2022, 65, 2139-2148. | 2.9 | 5 |
| 2266 | miR-31-5p modulates cell progression in lung adenocarcinoma through TNS1/p53 axis. Strahlentherapie Und Onkologie, 2022, 198, 304-314. | 1.0 | 14 |
| 2267 | Non-Coding RNAs Regulate the Resistance to Anti-EGFR Therapy in Colorectal Cancer. Frontiers in Oncology, 2021, 11, 801319. | 1.3 | 5 |
| 2268 | Long Noncoding RNA RMRP Contributes to Paclitaxel Sensitivity of Ovarian Cancer by Regulating miR-580-3p/MICU1 Signaling. Journal of Oncology, 2022, 2022, 1-10. | 0.6 | 1 |
| 2269 | In Situ Detection of Nanotoxicity in Living Cells Based on Multiple miRNAs Probed by a Peptide Functionalized Nanoprobe. Analytical Chemistry, 2022, 94, 2399-2407. | 3.2 | 4 |
| 2270 | Clinical Application of MicroRNAs in Breast Cancer Treatment. Archives of Breast Cancer, 0, , 20-31. | 0.0 | 3 |
| 2271 | Circular RNA CDR1as Alleviates Cisplatin-Based Chemoresistance by Suppressing MiR-1299 in Ovarian Cancer. Frontiers in Genetics, 2021, 12, 815448. | 1.1 | 6 |
| 2272 | The functional role of Pescadillo ribosomal biogenesis factor 1 in cancer. Journal of Cancer, 2022, 13, 268-277. | 1.2 | 7 |
| 2273 | Circulating serum microRNAs including senescent miR-31-5p are associated with incident fragility fractures in older postmenopausal women with type 2 diabetes mellitus. Bone, 2022, 158, 116308. | 1.4 | 14 |
| 2274 | Injectable "nano-micron―combined gene-hydrogel microspheres for local treatment of osteoarthritis. NPG Asia Materials, 2022, 14, . | 3.8 | 58 |
| 2275 | MiR-325-3p Alleviates Acute Pancreatitis via Targeting RIPK3. Digestive Diseases and Sciences, 2022, , 1 . | 1.1 | 4 |
| 2276 | MicroRNA-21 Is a Versatile Regulator and Potential Treatment Target in Central Nervous System Disorders. Frontiers in Molecular Neuroscience, 2022, 15, 842288. | 1.4 | 27 |
| 2277 | AMPK-autophagy-mediated inhibition of microRNA-30a-5p alleviates morphine tolerance via SOCS3-dependent neuroinflammation suppression. Journal of Neuroinflammation, 2022, 19, 25. | 3.1 | 12 |
| 2278 | Research on Correlations of miR-196a Expression with Progression and Prognosis of Cutaneous Squamous Cell Carcinoma. Clinical, Cosmetic and Investigational Dermatology, 2022, Volume 15, 97-105. | 0.8 | 1 |
| 2279 | Anti-miR-135/SPOCK1 axis antagonizes the influence of metabolism on drug response in intestinal/colon tumour organoids. Oncogenesis, 2022, 11, 4. | 2.1 | 6 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2280 | RNA demethylase ALKBH5 in cancer: from mechanisms to therapeutic potential. Journal of Hematology and Oncology, 2022, 15, 8. | 6.9 | 62 |
| 2281 | Endoplasmic Reticulum Stress and miRNA Impairment in Aging and Age-Related Diseases. Frontiers in Aging, 2022, 2, . | 1.2 | 3 |
| 2282 | Exploring clinical implications and role of non-coding RNAs in lung carcinogenesis. Molecular Biology Reports, 2022, 49, 6871-6883. | 1.0 | 4 |
| 2283 | A microRNA checkpoint for Ca2+ signaling and overload in acute pancreatitis. Molecular Therapy, 2022, 30, 1754-1774. | 3.7 | 13 |
| 2284 | Concepts and Design of Introducing Synthetic MicroRNAs into Mammalian Cells. Methods in Molecular Biology, 2022, 2445, 171-182. | 0.4 | 0 |
| 2285 | Enigmatic role of exosomes in breast cancer progression and therapy. Life Sciences, 2022, 289, 120210. | 2.0 | 16 |
| 2286 | The Profile of MicroRNA Expression and Potential Role in the Regulation of Drug-Resistant Genes in Cisplatin- and Paclitaxel-Resistant Ovarian Cancer Cell Lines. International Journal of Molecular Sciences, 2022, 23, 526. | 1.8 | 11 |
| 2287 | MiR-30c-5p loss-induced PELI1 accumulation regulates cell proliferation and migration via activating PI3K/AKT pathway in papillary thyroid carcinoma. Journal of Translational Medicine, 2022, 20, 20. | 1.8 | 18 |
| 2288 | Poly- <scp>l</scp> -Lysine-Modified Graphene Field-Effect Transistor Biosensors for Ultrasensitive Breast Cancer miRNAs and SARS-CoV-2 RNA Detection. Analytical Chemistry, 2022, 94, 1626-1636. | 3.2 | 48 |
| 2289 | MicroRNAâ€'15a promotes prostate cancer cell ferroptosis by inhibiting GPX4 expression. Oncology Letters, 2022, 23, 67. | 0.8 | 29 |
| 2290 | MiR-25 enhances autophagy and promotes sorafenib resistance of hepatocellular carcinoma via targeting FBXW7. International Journal of Medical Sciences, 2022, 19, 257-266. | 1.1 | 24 |
| 2291 | The Role of miRNA in Tumor Immune Escape and miRNA-Based Therapeutic Strategies. Frontiers in Immunology, 2021, 12, 807895. | 2.2 | 20 |
| 2293 | MicroRNAs: The Master Regulators of the Breast Cancer Tumor Microenvironment. , 2022, , 1-23. | | 1 |
| 2294 | <scp>MiR</scp> â€205â€5p promotes lung cancer progression and is valuable for the diagnosis of lung cancer. Thoracic Cancer, 2022, 13, 832-843. | 0.8 | 16 |
| 2295 | Interaction of ncRNA and Epigenetic Modifications in Gastric Cancer: Focus on Histone Modification. Frontiers in Oncology, 2021, 11, 822745. | 1.3 | 11 |
| 2296 | Mechanisms contributing to adverse outcomes of COVID-19 in obesity. Molecular and Cellular Biochemistry, 2022, 477, 1155-1193. | 1.4 | 21 |
| 2297 | Therapeutic Metabolic Reprograming Using microRNAs: From Cancer to HIV Infection. Genes, 2022, 13, 273. | 1.0 | 5 |
| 2298 | Pan-cancer analysis reveals that CTC1-STN1-TEN1 (CST) complex may have a key position in oncology. Cancer Genetics, 2022, 262-263, 80-90. | 0.2 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2299 | Non-Coding RNAs in Colorectal Cancer: Their Functions and Mechanisms. Frontiers in Oncology, 2022, 12, 783079. | 1.3 | 17 |
| 2300 | Synthetic biology approach to developing all-in-one baculovirus vector using mammalian introns and miRNA binding sites. Journal of the Taiwan Institute of Chemical Engineers, 2022, 131, 104175. | 2.7 | 3 |
| 2301 | Targeting of PFKFB3 with miRâ€206 but not mirâ€26b inhibits ovarian cancer cell proliferation and migration involving FAK downregulation. FASEB Journal, 2022, 36, e22140. | 0.2 | 9 |
| 2302 | Nanoparticulate strategies for theÂdelivery of miRNA mimics and inhibitors in anticancer therapy and its potential utility in oral submucous fibrosis. Nanomedicine, 2022, 17, 181-195. | 1.7 | 10 |
| 2303 | Delivery strategies of RNA therapeutics to leukocytes. Journal of Controlled Release, 2022, 342, 362-371. | 4.8 | 9 |
| 2304 | Review: RNA-based diagnostic markers discovery and therapeutic targets development in cancer. , 2022, 234, 108123. | | 37 |
| 2305 | The novel circ_0084904/miR-802/MAL2 axis promotes the development of cervical cancer. Reproductive Biology, 2022, 22, 100600. | 0.9 | 6 |
| 2306 | RNAi-based therapeutics and tumor targeted delivery in cancer. Advanced Drug Delivery Reviews, 2022, 182, 114113. | 6.6 | 123 |
| 2307 | The emerging role of epigenetics and gut microbiota in Vogt-Koyanagi-Harada syndrome. Gene, 2022, 818, 146222. | 1.0 | 2 |
| 2308 | CircCAMSAP1 promotes non-small cell lung cancer proliferation and inhibits cell apoptosis by sponging miR-1182 and regulating BIRC5. Bioengineered, 2022, 13, 2428-2439. | 1.4 | 5 |
| 2309 | Surface enhanced Raman spectroscopy for tumor nucleic acid: Towards cancer diagnosis and precision medicine. Biosensors and Bioelectronics, 2022, 204, 114075. | 5.3 | 20 |
| 2310 | MiR-182-5p inhibits the tumorigenesis of clear cell renal cell carcinoma by repressing UBE2T. Human Cell, 2022, 35, 542-556. | 1.2 | 5 |
| 2311 | TRmir: A Comprehensive Resource for Human Transcriptional Regulatory Information of MiRNAs. Frontiers in Genetics, 2022, 13, 808950. | 1.1 | 1 |
| 2312 | Cardiac fibroblasts secrete exosome microRNA to suppress cardiomyocyte pyroptosis in myocardial ischemia/reperfusion injury. Molecular and Cellular Biochemistry, 2022, 477, 1249-1260. | 1.4 | 23 |
| 2313 | Noncoding-RNA-Based Therapeutics with an Emphasis on Prostatic Carcinomaâ€"Progress and Challenges. Vaccines, 2022, 10, 276. | 2.1 | 1 |
| 2314 | Modulation of miR-181 influences dopaminergic neuronal degeneration in a mouse model of Parkinson's disease. Molecular Therapy - Nucleic Acids, 2022, 28, 1-15. | 2.3 | 11 |
| 2315 | Exosomes as Natural Nanocarriers for RNA-Based Therapy and Prophylaxis. Nanomaterials, 2022, 12, 524. | 1.9 | 17 |
| 2316 | Recent advances of transcriptomics and proteomics in tripleâ€negative breast cancer prognosis assessment. Journal of Cellular and Molecular Medicine, 2022, , . | 1.6 | 6 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2317 | KAT5 Inhibitor NU9056 Suppresses Anaplastic Thyroid Carcinoma Progression through c-Myc/miR-202 Pathway. International Journal of Endocrinology, 2022, 2022, 1-14. | 0.6 | 0 |
| 2318 | Proof of concept of peptide-linked blockmiR-induced MBNL functional rescue in myotonic dystrophy type 1 mouse model. Molecular Therapy - Nucleic Acids, 2022, 27, 1146-1155. | 2.3 | 12 |
| 2319 | miR-485-5p alleviates obstructive sleep apnea syndrome with hypertension by inhibiting PI3K/AKT signaling pathway via downregulating HIF3A expression. Sleep and Breathing, 2023, 27, 109-119. | 0.9 | 2 |
| 2320 | The Structure-Derived Mechanism of Box H/ACA Pseudouridine Synthase Offers a Plausible Paradigm for Programmable RNA Editing. ACS Catalysis, 2022, 12, 2756-2769. | 5.5 | 5 |
| 2321 | Profiling of plasmaâ€derived exosomal RNA expression in patients with periodontitis: A pilot study. Oral Diseases, 2023, 29, 1726-1737. | 1.5 | 6 |
| 2322 | The potential of long noncoding RNA therapies. Trends in Pharmacological Sciences, 2022, 43, 269-280. | 4.0 | 28 |
| 2323 | Down-regulation of miR-18b-5p protects against splenic hemorrhagic shock by directly targeting HIF-1 $\hat{1}$ ±/iNOS pathway. Immunobiology, 2022, 227, 152188. | 0.8 | 3 |
| 2324 | miR-148b-3p, as a tumor suppressor, targets son of sevenless homolog 1 to regulate the malignant progression in human osteosarcoma. Bioengineered, 2022, 13, 4271-4284. | 1.4 | 3 |
| 2325 | The adenosine A2A receptor antagonist protects against retinal mitochondrial injury in association with an altered network of competing endogenous RNAs. Neuropharmacology, 2022, 208, 108981. | 2.0 | 1 |
| 2326 | NAFLD and vitamin D: Evidence for intersection of microRNA-regulated pathways. Nutrition Research Reviews, 2021, , 1-20. | 2.1 | 11 |
| 2327 | Novel approaches in cancer treatment: preclinical and clinical development of small non-coding RNA therapeutics. Journal of Experimental and Clinical Cancer Research, 2021, 40, 383. | 3.5 | 22 |
| 2328 | Harnessing the Potential of miRNAs in Malaria Diagnostic and Prevention. Frontiers in Cellular and Infection Microbiology, 2021, 11, 793954. | 1.8 | 15 |
| 2329 | MiR-212-3p inhibits cell proliferation and promotes apoptosis by targeting nuclear factor IA in bladder cancer. Journal of Biosciences, 2019, 44, . | 0.5 | 9 |
| 2330 | Identification of potential immune-related circRNA-miRNA-mRNA regulatory network in cutaneous squamous cell carcinoma. American Journal of Cancer Research, 2021, 11, 4826-4843. | 1.4 | 1 |
| 2331 | Regulatory noncoding RNAs: potential biomarkers and therapeutic targets in acute myeloid leukemia. American Journal of Blood Research, 2021, 11, 504-519. | 0.6 | 0 |
| 2332 | Patient-matched analysis identifies deregulated networks in prostate cancer to guide personalized therapeutic intervention. American Journal of Cancer Research, 2021, 11, 5299-5318. | 1.4 | 0 |
| 2334 | RP5-1148A21.3 (IncRP5) exerts oncogenic function in human ovarian carcinoma. Acta Biochimica Et Biophysica Sinica, 2022, 54, 209-219. | 0.9 | 2 |
| 2335 | Elucidation of the conformational dynamics and assembly of Argonaute–RNA complexes by distinct yet coordinated actions of the supplementary microRNA. Computational and Structural Biotechnology Journal, 2022, 20, 1352-1365. | 1.9 | 13 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2336 | Pathophysiology roles and translational opportunities of miRNAs in CLL., 2022, , 179-186. | | 0 |
| 2337 | Covid-19: a novel challenge to human immune genetic machinery. , 2022, , 309-319. | | O |
| 2338 | Computational resources for analysis of miRNA targetome. , 2022, , 125-139. | | 0 |
| 2339 | Inhibition of MicroRNA-92a Improved Erectile Dysfunction in Streptozotocin-Induced Diabetic Rats <i>via</i> Suppressing Oxidative Stress and Endothelial Dysfunction. World Journal of Men?s Health, 2023, 41, 142. | 1.7 | 8 |
| 2340 | hsa-miR-340-5p inhibits epithelial–mesenchymal transition in endometriosis by targeting MAP3K2 and inactivating MAPK/ERK signaling. Open Medicine (Poland), 2022, 17, 566-576. | 0.6 | 4 |
| 2341 | Energy-resolved mass spectrometry to investigate nucleobase triplexes $\hat{a} \in \hat{a}$ a study applied to triplex-forming artificial nucleobases. New Journal of Chemistry, 0 , , . | 1.4 | 0 |
| 2342 | MicroRNA childhood cancer catalog (M3Cs): a resource for translational bioinformatics toward health informatics in pediatric cancer. Database: the Journal of Biological Databases and Curation, 2022, 2022, . | 1.4 | 2 |
| 2343 | Pathophysiology roles and translational opportunities of miRNAs in bladder cancer. , 2022, , 323-338. | | O |
| 2344 | Preclinical Safety Assessment of Therapeutic Oligonucleotides. Methods in Molecular Biology, 2022, 2434, 355-370. | 0.4 | 6 |
| 2345 | MicroRNAs and Corresponding Targets in Esophageal Cancer as Shown <i>In Vitro</i> In VitroIn VivoIn Preclinical Models. Cancer Genomics and Proteomics, 2022, 19, 113-129. | 1.0 | 1 |
| 2346 | miR-223-3p alleviates TGF- \hat{l}^2 -induced epithelial-mesenchymal transition and extracellular matrix deposition by targeting SP3 in endometrial epithelial cells. Open Medicine (Poland), 2022, 17, 518-526. | 0.6 | 4 |
| 2348 | Wet-lab methods for miRNA analysis. , 2022, , 93-107. | | 0 |
| 2349 | Opportunities of miRNAs in cancer therapeutics. , 2022, , 153-164. | | 0 |
| 2350 | MicroRNA involvement in invasion and metastasis. , 2022, , 47-62. | | 0 |
| 2351 | MicroRNA-139, an Emerging Gate-Keeper in Various Types of Cancer. Cells, 2022, 11, 769. | 1.8 | 5 |
| 2352 | miR-103a-3p Silencing Ameliorates Calcium Oxalate Deposition in Rat Kidney by Activating the UMOD/TRPV5 Axis. Disease Markers, 2022, 2022, 1-15. | 0.6 | 1 |
| 2353 | Cancer-Associated Fibroblasts: Mechanisms of Tumor Progression and Novel Therapeutic Targets. Cancers, 2022, 14, 1231. | 1.7 | 44 |
| 2354 | Identification of miR-34-3p as a Candidate Follicular Phase Serum Marker for Endometriosis: a pilot study. F&S Science, 2022, , . | 0.5 | 0 |

| # | ARTICLE | IF | Citations |
|------|---|-------------|-----------|
| 2355 | Analysing miRNA-Target Gene Networks in Inflammatory Bowel Disease and Other Complex Diseases Using Transcriptomic Data. Genes, 2022, 13, 370. | 1.0 | 4 |
| 2356 | A novel prognostic model for hepatocellular carcinoma based on 5 microRNAs related to vascular invasion. BMC Medical Genomics, 2022, 15, 34. | 0.7 | 6 |
| 2358 | The circular RNA hsa_circ_0001394 promotes hepatocellular carcinoma progression by targeting the miR-527/UBE2A axis. Cell Death Discovery, 2022, 8, 81. | 2.0 | 5 |
| 2359 | The Lymph Node Microenvironment May Invigorate Cancer Cells With Enhanced Metastatic Capacities. Frontiers in Oncology, 2022, 12, 816506. | 1.3 | 4 |
| 2360 | Beyond the Code: Noncoding RNAs in Skin Wound Healing. Cold Spring Harbor Perspectives in Biology, 2022, 14, a041230. | 2.3 | 9 |
| 2361 | Exosomes Derived from Epidermal Stem Cells Improve Diabetic Wound Healing. Journal of Investigative Dermatology, 2022, 142, 2508-2517.e13. | 0.3 | 31 |
| 2362 | MiR-486-5p Targets CD133+ Lung Cancer Stem Cells through the p85/AKT Pathway. Pharmaceuticals, 2022, 15, 297. | 1.7 | 10 |
| 2363 | Long Non-Coding RNA AL513318.2 as ceRNA Binding to hsa-miR-26a-5p Upregulates SLC6A8 Expression and Predicts Poor Prognosis in Non-Small Lung Cancer. Frontiers in Oncology, 2022, 12, 781903. | 1.3 | 3 |
| 2364 | Long non-coding RNA KCNQ1OT1 overexpression promotes osteogenic differentiation of staphylococcus aureus-infected human bone mesenchymal stem cells by sponging microRNA miR-29b-3p. Bioengineered, 2022, 13, 5855-5867. | 1.4 | 6 |
| 2365 | MicroRNA Signatures in the Upper Urinary Tract Urothelial Carcinoma Scenario: Ready for the Game Changer?. International Journal of Molecular Sciences, 2022, 23, 2602. | 1.8 | 1 |
| 2366 | MiR-146a alleviates lung injury caused by RSV infection in young rats by targeting TRAF-6 and regulating JNK/ERKMAPK signaling pathways. Scientific Reports, 2022, 12, 3481. | 1.6 | 4 |
| 2367 | Multiplexed miRNA Quantitation Using Injectionless Microfluidic Thermal Gel Electrophoresis. Analytical Chemistry, 2022, 94, 5674-5681. | 3.2 | 9 |
| 2368 | Coâ€'expressed microRNAs, target genes and pathways related to metabolism, inflammation and endocrine function in individuals at risk for type 2 diabetes. Molecular Medicine Reports, 2022, 25, . | 1.1 | 7 |
| 2369 | miRâ€'143â€'5p suppresses breast cancer progression by targeting the HIFâ€'1αâ€'related GLUT1 pathway. Onco Letters, 2022, 23, 147. | logy 0.8 | 11 |
| 2370 | miR-155 regulates physiological angiogenesis but an miR-155-rich microenvironment disrupts the process by promoting unproductive endothelial sprouting. Cellular and Molecular Life Sciences, 2022, 79, 208. | 2.4 | 3 |
| 2371 | Biological Functions and Molecular Mechanisms of MiR-608 in Cancer. Frontiers in Oncology, 2022, 12, 870983. | 1.3 | 1 |
| 2372 | Anti-PD-L1 Antibody Enhances T Cell Immune Responses and Reduces Resistance of Breast Cancer Cells to Radiotherapy. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-16. | 1.9 | 7 |
| 2373 | Histone methylation-mediated microRNA-32-5p down-regulation in sensory neurons regulates pain behaviors via targeting Cav3.2 channels. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117209119. | 3.3 | 16 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2374 | Molecular functions and therapeutic applications of exosomal noncoding RNAs in cancer. Experimental and Molecular Medicine, 2022, 54, 216-225. | 3.2 | 21 |
| 2375 | Rutin Promotes Pancreatic Cancer Cell Apoptosis by Upregulating miRNA-877-3p Expression. Molecules, 2022, 27, 2293. | 1.7 | 8 |
| 2376 | Novel Angiogenic Regulators and Anti-Angiogenesis Drugs Targeting Angiogenesis Signaling Pathways: Perspectives for Targeting Angiogenesis in Lung Cancer. Frontiers in Oncology, 2022, 12, 842960. | 1.3 | 9 |
| 2377 | Functions and underlying mechanisms of miR-650 in human cancers. Cancer Cell International, 2022, 22, 132. | 1.8 | 2 |
| 2378 | A novel nine-microRNA-based model to improve prognosis prediction of renal cell carcinoma. BMC Cancer, 2022, 22, 264. | 1.1 | 5 |
| 2379 | Ultrasound-targeted microbubble destruction (UTMD)-mediated miR-150-5p attenuates oxygen and glucose deprivation-induced cardiomyocyte injury by inhibiting TTC5 expression. Molecular Biology Reports, 2022, 49, 6041-6052. | 1.0 | 1 |
| 2380 | miR-15a and miR-15b modulate natural killer and CD8+T-cell activation and anti-tumor immune response by targeting PD-L1 in neuroblastoma. Molecular Therapy - Oncolytics, 2022, 25, 308-329. | 2.0 | 12 |
| 2381 | Impact of miR-1/miR-133 Clustered miRNAs: PFN2 Facilitates Malignant Phenotypes in Head and Neck Squamous Cell Carcinoma. Biomedicines, 2022, 10, 663. | 1.4 | 4 |
| 2383 | Searching for New Molecular Targets for Oral Squamous Cell Carcinoma with a View to Clinical Implementation of Precision Medicine. Journal of Personalized Medicine, 2022, 12, 413. | 1.1 | 3 |
| 2384 | Radix ranunculus temate saponins sensitizes ovarian cancer to Taxol via upregulation of miRâ€ʻletâ€ʻ7b. Experimental and Therapeutic Medicine, 2022, 23, 315. | 0.8 | 3 |
| 2385 | MicroRNA miR-124-3p suppresses proliferation and epithelial–mesenchymal transition of hepatocellular carcinoma via ARRDC1 (arrestin domain containing 1). Bioengineered, 2022, 13, 8255-8265. | 1.4 | 8 |
| 2386 | Clock-modified mesenchymal stromal cells therapy rescues molecular circadian oscillation and age-related bone loss via miR142-3p/Bmal1/YAP signaling axis. Cell Death Discovery, 2022, 8, 111. | 2.0 | 6 |
| 2387 | Kaempferol Can Reverse the 5-Fu Resistance of Colorectal Cancer Cells by Inhibiting PKM2-Mediated Glycolysis. International Journal of Molecular Sciences, 2022, 23, 3544. | 1.8 | 35 |
| 2388 | Midazolam Suppresses Hepatocellular Carcinoma Cell Metastasis and Enhances Apoptosis by Elevating miR-217. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-9. | 0.7 | 5 |
| 2389 | MicroRNAs Expression in Response to rhNGF in Epithelial Corneal Cells: Focus on Neurotrophin Signaling Pathway. International Journal of Molecular Sciences, 2022, 23, 3597. | 1.8 | 2 |
| 2390 | AMD Genomics: Non-Coding RNAs as Biomarkers and Therapeutic Targets. Journal of Clinical Medicine, 2022, 11, 1484. | 1.0 | 8 |
| 2391 | Targeting MALT1 Suppresses the Malignant Progression of Colorectal Cancer via miR-375/miR-365a-3p/NF-κB Axis. Frontiers in Cell and Developmental Biology, 2022, 10, 845048. | 1.8 | 3 |
| 2392 | Otto Aufranc Award: Identification of Key Molecular Players in the Progression of Hip Osteoarthritis Through Transcriptomes and Epigenetics. Journal of Arthroplasty, 2022, 37, S391-S399. | 1.5 | 7 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2393 | A Novel Electrochemiluminescence Janus Emitter for Dualâ€Mode Biosensing. Advanced Functional Materials, 2022, 32, . | 7.8 | 32 |
| 2394 | Clinical Applications of Short Non-Coding RNA-Based Therapies in the Era of Precision Medicine. Cancers, 2022, 14, 1588. | 1.7 | 27 |
| 2395 | The Protective Effect of Vitexin Compound B-1 on Rat Cerebral I/R Injury through a Mechanism Involving Modulation of miR-92b/NOX4 Pathway. CNS and Neurological Disorders - Drug Targets, 2023, 22, 137-147. | 0.8 | 4 |
| 2396 | Emerging concepts of miRNA therapeutics: from cells to clinic. Trends in Genetics, 2022, 38, 613-626. | 2.9 | 212 |
| 2397 | Edible plant-derived nanotherapeutics and nanocarriers: recent progress and future directions. Expert Opinion on Drug Delivery, 2022, 19, 409-419. | 2.4 | 16 |
| 2398 | Engineered G-Quadruplex-Embedded Self-Quenching Probes Regulate Single Probe-Based Multiplex Isothermal Amplification to Light Road Lamp Probes for Sensitized Determination of microRNAs. Analytical Chemistry, 2022, 94, 4437-4445. | 3.2 | 18 |
| 2399 | Human MicroRNAs Attenuate the Expression of Immediate Early Proteins and HCMV Replication during Lytic and Latent Infection in Connection with Enhancement of Phosphorylated RelA/p65 (Serine 536) That Binds to MIEP. International Journal of Molecular Sciences, 2022, 23, 2769. | 1.8 | 0 |
| 2400 | Extracellular Vesicles: The Landscape in the Progression, Diagnosis, and Treatment of Triple-Negative Breast Cancer. Frontiers in Cell and Developmental Biology, 2022, 10, 842898. | 1.8 | 14 |
| 2401 | MiR-29a regulates cardiomyocyte apoptosis by targeting Bak1 in diabetic cardiomyopathy. Journal of Biochemistry, 2022, 171, 663-671. | 0.9 | 2 |
| 2402 | High Expression of MicroRNA-200a/b Indicates Potential Diagnostic and Prognostic Biomarkers in Epithelial Ovarian Cancer. Disease Markers, 2022, 2022, 1-8. | 0.6 | 3 |
| 2403 | Non-coding RNAs in the regulation of blood–brain barrier functions in central nervous system disorders. Fluids and Barriers of the CNS, 2022, 19, 27. | 2.4 | 22 |
| 2404 | Identification and Validation of miRNA-TF-mRNA Regulatory Networks in Uterine Fibroids. Frontiers in Bioengineering and Biotechnology, 2022, 10, 856745. | 2.0 | 3 |
| 2405 | Expanding Roles of Noncoding RNAs in the Pathogenesis of Systemic Lupus Erythematosus. Current Rheumatology Reports, 2022, 24, 64-75. | 2.1 | 2 |
| 2406 | Biomineralized Zeolitic Imidazolate Framework-8 Nanoparticles Enable Polymerase-Driven DNA Biocomputing for Reliable Cell Identification. Analytical Chemistry, 2022, 94, 4794-4802. | 3.2 | 14 |
| 2407 | In vivo assembly and expression of DNA containing nonâ€canonical bases in the yeast Saccharomyces cerevisiae. ChemBioChem, 2022, , . | 1.3 | 4 |
| 2408 | MicroRNA Roles in Cell Reprogramming Mechanisms. Cells, 2022, 11, 940. | 1.8 | 13 |
| 2409 | MiR-224 promotes lymphatic metastasis by targeting ANGPTL1 in non-small-cell lung carcinoma. Cancer Biomarkers, 2022, 34, 431-441. | 0.8 | 4 |
| 2410 | Distinct miRNA Expression Signatures of Primary and Secondary Central Nervous System Lymphomas. Journal of Molecular Diagnostics, 2022, 24, 224-240. | 1.2 | 2 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 2411 | Non-coding genome in small cell lung cancer between theoretical view and clinical applications. Seminars in Cancer Biology, 2022, 86, 237-250. | 4.3 | 7 |
| 2412 | CCNB1, Negatively Regulated by miR-559, Promotes the Proliferation, Migration, and Invasion of Ovarian Carcinoma Cells. Molecular Biotechnology, 2022, 64, 958-969. | 1.3 | 2 |
| 2413 | Overexpression of the miR-143/145 and reduced expression of the let-7 and miR-126 for early lung cancer diagnosis. Journal of Applied Biomedicine, 2022, 20, 1-6. | 0.6 | 7 |
| 2414 | LncRNA HCG11 Facilitates Nasopharyngeal Carcinoma Progression Through Regulating miRNA-490-3p/MAP3K9 Axis. Frontiers in Oncology, 2022, 12, 872033. | 1.3 | 5 |
| 2415 | miR-374a-5p regulates inflammatory genes and monocyte function in patients with inflammatory bowel disease. Journal of Experimental Medicine, 2022, 219, . | 4.2 | 7 |
| 2416 | The regulatory role of autophagy-related miRNAs in lung cancer drug resistance. Biomedicine and Pharmacotherapy, 2022, 148, 112735. | 2.5 | 26 |
| 2417 | miR-1266-3p Suppresses Epithelial-Mesenchymal Transition in Colon Cancer by Targeting P4HA3. Analytical Cellular Pathology, 2022, 2022, 1-15. | 0.7 | 6 |
| 2418 | RNA Therapeutics: the Next Generation of Drugs for Cardiovascular Diseases. Current Atherosclerosis Reports, 2022, 24, 307-321. | 2.0 | 12 |
| 2419 | Application of OpenArray RT-qPCR for identification of microRNA expression signatures of lower extremity artery disease. Journal of Applied Genetics, 2022, 63, 497-512. | 1.0 | 1 |
| 2420 | Long non-coding RNA LINC01004 promotes malignant behaviors of pituitary adenoma via miR-323a-3p/136–5p/RCN2 axis. Pathology Research and Practice, 2022, 234, 153884. | 1.0 | 2 |
| 2421 | MicroRNAs Are Key Molecules Involved in the Gene Regulation Network of Colorectal Cancer. Frontiers in Cell and Developmental Biology, 2022, 10, 828128. | 1.8 | 4 |
| 2422 | Novel efficacious microRNA-30c analogs reduce apolipoprotein B secretion in human hepatoma and primary hepatocyte cells. Journal of Biological Chemistry, 2022, 298, 101813. | 1.6 | 6 |
| 2423 | Al-MPS Obstructs EMT in Breast Cancer by Inhibiting Lipid Metabolism via miR-215-5p/SREBP1. Endocrinology, 2022, 163, . | 1.4 | 5 |
| 2424 | HOXA-AS2 enhances GBM cell malignancy by suppressing miR-2116-3p thereby upregulating SERPINA3. BMC Cancer, 2022, 22, 366. | 1.1 | 4 |
| 2425 | miRâ€126 downregulates <i>CXCL12</i> expression in intestinal epithelial cells to suppress the recruitment and function of macrophages and tumorigenesis in a murine model of colitisâ€associated colorectal cancer. Molecular Oncology, 2022, 16, 3465-3489. | 2.1 | 11 |
| 2426 | Identification and Validation of Dilated Cardiomyopathy-Related Genes via Bioinformatics Analysis. International Journal of General Medicine, 2022, Volume 15, 3663-3676. | 0.8 | 5 |
| 2427 | Stepwise tuning of a molecular beacon coupled Y probe regulates ternary DNA nanomachine-based microRNA determination. Sensors and Actuators B: Chemical, 2022, 363, 131858. | 4.0 | 3 |
| 2428 | miR-199a-5p Plays a Pivotal Role on Wound Healing via Suppressing VEGFA and ROCK1 in Diabetic Ulcer Foot. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-17. | 1.9 | 7 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2429 | miR-223-3p contributes to suppressing NLRP3 inflammasome activation in Streptococcus equi ssp. zooepidemicus infection. Veterinary Microbiology, 2022, 269, 109430. | 0.8 | 6 |
| 2430 | Neutrophil-derived extracellular vesicles induce endothelial inflammation and damage through the transfer of miRNAs. Journal of Autoimmunity, 2022, 129, 102826. | 3.0 | 14 |
| 2431 | PDL1-binding peptide/anti-miRNA21 conjugate as a therapeutic modality for PD-L1high tumors and TAMs. Journal of Controlled Release, 2022, 345, 62-74. | 4.8 | 6 |
| 2432 | Transcriptomic and functional studies reveal miR-431-5p as a tumour suppressor in pancreatic ductal adenocarcinoma cells. Gene, 2022, 822, 146346. | 1.0 | 2 |
| 2433 | The molecular mechanism of baicalein repressing progression of gastric cancer mediating miR-7/FAK/AKT signaling pathway. Phytomedicine, 2022, 100, 154046. | 2.3 | 11 |
| 2434 | Development of magnetic nanoparticles for the intracellular delivery of miR-148b in non-small cell lung cancer. Biomedical Engineering Advances, 2022, 3, 100031. | 2.2 | 9 |
| 2435 | Exosomal microRNAs synergistically trigger stromal fibroblasts in breast cancer. Molecular Therapy - Nucleic Acids, 2022, 28, 17-31. | 2.3 | 25 |
| 2436 | Magnetic covalent organic framework nanospheres-based miRNA biosensor for sensitive glioma detection. Bioactive Materials, 2022, 14, 145-151. | 8.6 | 22 |
| 2437 | MiR-423-5p activated by E2F1 promotes neovascularization in diabetic retinopathy by targeting HIPK2. Diabetology and Metabolic Syndrome, 2021, 13, 152. | 1.2 | 7 |
| 2438 | Characterization of miR-34a-Induced Epithelial–Mesenchymal Transition in Non-Small Lung Cancer Cells Focusing on p53. Biomolecules, 2021, 11, 1853. | 1.8 | 3 |
| 2439 | The long noncoding RNA noncoding RNA activated by DNA damage (NORAD)-microRNA-496-Interleukin-33 axis affects carcinoma-associated fibroblasts-mediated gastric cancer development. Bioengineered, 2021, 12, 11738-11755. | 1.4 | 13 |
| 2440 | Association of miR-21 and miR-335 to microsatellite instability and prognosis in stage III colorectal cancer. Cancer Biomarkers, 2022, 34, 201-210. | 0.8 | 2 |
| 2442 | Noninvasive biomarkers in heart transplant: 2020–2021 year in review. Current Opinion in Organ Transplantation, 2022, 27, 7-14. | 0.8 | 1 |
| 2443 | MicroRNA-Mediated Regulation of the Virus Cycle and Pathogenesis in the SARS-CoV-2 Disease. International Journal of Molecular Sciences, 2021, 22, 13192. | 1.8 | 10 |
| 2444 | Curcumin increases crizotinib sensitivity through the inactivation of autophagy via epigenetic modulation of the miR-142-5p/Ulk1 axis in non-small cell lung cancer. Cancer Biomarkers, 2022, 34, 297-307. | 0.8 | 12 |
| 2445 | MiR-138 is a potent regulator of the heterogenous MYC transcript population in cancers. Oncogene, 2022, 41, 1178-1189. | 2.6 | 5 |
| 2446 | SURFR: A Real-Time Platform for Non-Coding RNA Fragmentation Analysis Using Wavelets., 2021,,. | | 0 |
| 2447 | High expression of SETDB1 mediated by miR-29a-3p associates with poor prognosis and immune invasion in breast invasive carcinoma. Translational Cancer Research, 2021, 10, 5065-5075. | 0.4 | 6 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2448 | The MYEOV-MYC association promotes oncogenic miR-17/93-5p expression in pancreatic ductal adenocarcinoma. Cell Death and Disease, 2022, 13, 15. | 2.7 | 10 |
| 2449 | Metastatic EMT Phenotype Is Governed by MicroRNA-200-Mediated Competing Endogenous RNA Networks. Cells, 2022, 11, 73. | 1.8 | 8 |
| 2450 | MiR-181a-5p facilitates proliferation, invasion, and glycolysis of breast cancer through NDRG2-mediated activation of PTEN/AKT pathway. Bioengineered, 2022, 13, 83-95. | 1.4 | 25 |
| 2451 | MicroRNAâ€'126 and VEGF enhance the function of endothelial progenitor cells in acute myocardial infarction. Experimental and Therapeutic Medicine, 2021, 23, 142. | 0.8 | 8 |
| 2452 | The Landscape of Circulating miRNAs in the Post-Genomic Era. Genes, 2022, 13, 94. | 1.0 | 3 |
| 2454 | Autophagy and ncRNAs: Dangerous Liaisons in the Crosstalk between the Tumor and Its Microenvironment. Cancers, 2022, 14, 20. | 1.7 | 5 |
| 2455 | The Role of microRNA in Pathogenesis, Diagnosis, Different Variants, Treatment and Prognosis of Mycosis Fungoides. Frontiers in Oncology, 2021, 11, 752817. | 1.3 | 3 |
| 2456 | Phytochemicals mediated modulation of <scp>microRNAs</scp> and long nonâ€coding <scp>RNAs</scp> in cancer prevention and therapy. Phytotherapy Research, 2022, 36, 705-729. | 2.8 | 23 |
| 2457 | Elevated P-Element-Induced Wimpy-Testis-Like Protein 1 Expression Predicts Unfavorable Prognosis for Patients with Various Cancers. Journal of Oncology, 2021, 2021, 1-12. | 0.6 | 2 |
| 2458 | Reconstruction and analysis of the aberrant lncRNA-miRNA-mRNA network based on competitive endogenous RNA in adenoid cystic carcinoma of the salivary gland. Translational Cancer Research, 2021, 10, 5133-5149. | 0.4 | 1 |
| 2459 | Mechanism and Role of the Neuropeptide LGI1 Receptor ADAM23 in Regulating Biomarkers of Ferroptosis and Progression of Esophageal Cancer. Disease Markers, 2021, 2021, 1-15. | 0.6 | 16 |
| 2460 | miRNA- and IncRNA-Based Therapeutics for Non-Hodgkin's Lymphoma: Moving towards an RNA-Guided Precision Medicine. Cancers, 2021, 13, 6324. | 1.7 | 3 |
| 2462 | miR-647 inhibits hepatocellular carcinoma cell progression by targeting protein tyrosine phosphatase receptor type F. Bioengineered, 2022, 13, 1090-1102. | 1.4 | 3 |
| 2463 | Curcumin and Its Analogs as Potential Epigenetic Modulators: Prevention of Diabetes and Its Complications. Pharmacology, 2022, 107, 1-13. | 0.9 | 13 |
| 2464 | Deciphering the tRNA-derived small RNAs: origin, development, and future. Cell Death and Disease, 2022, 13, 24. | 2.7 | 43 |
| 2465 | Engineered Cellâ€Derived Vesicles Displaying Targeting Peptide and Functionalized with Nanocarriers for Therapeutic microRNA Delivery to Tripleâ€Negative Breast Cancer in Mice. Advanced Healthcare Materials, 2022, 11, e2101387. | 3.9 | 8 |
| 2467 | Microvascular Barrier Protection by microRNA-183 via FoxO1 Repression: A Pathway Disturbed in Neuropathy and Complex Regional Pain Syndrome. Journal of Pain, 2022, 23, 967-980. | 0.7 | 8 |
| 2468 | Targeted Therapy Modulates the Secretome of Cancer-Associated Fibroblasts to Induce Resistance in HER2-Positive Breast Cancer. International Journal of Molecular Sciences, 2021, 22, 13297. | 1.8 | 8 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2470 | Down-Regulation of miR-194-5p for Predicting Metastasis in Breast Cancer Cells. International Journal of Molecular Sciences, 2022, 23, 325. | 1.8 | 14 |
| 2471 | Role of microRNAs in the Pathophysiology of Ulcerative Colitis. Immuno, 2021, 1, 558-573. | 0.6 | 1 |
| 2472 | Circulating miRNA-29b and Sclerostin Levels Correlate with Coronary Artery Calcification and Cardiovascular Events in Maintenance Hemodialysis Patients. Cardiology Research and Practice, 2021, 2021, 1-10. | 0.5 | 5 |
| 2473 | Pancreatic Cancer Progression Is Regulated by IPO7/p53/LncRNA MALAT1/MiR-129-5p Positive Feedback Loop. Frontiers in Cell and Developmental Biology, 2021, 9, 630262. | 1.8 | 11 |
| 2474 | miRNA'lar: Biyogenezi, Analiz Yöntemleri ve Biyobelirteç Potansiyeli. Van Sağlık Bilimleri Dergisi, 0, , . | 0.6 | 0 |
| 2475 | Combinatorial RNA therapies in cancer immunotherapy: Challenges and directions. , 2022, , 425-449. | | 0 |
| 2477 | CMC and regulatory aspects of oligonucleotide therapeutics. , 2022, , 263-320. | | 0 |
| 2479 | MicroRNA-128-3p Mediates Lenvatinib Resistance of Hepatocellular Carcinoma Cells by Downregulating c-Met. Journal of Hepatocellular Carcinoma, 2022, Volume 9, 113-126. | 1.8 | 13 |
| 2480 | FBXW7 and the Hallmarks of Cancer: Underlying Mechanisms and Prospective Strategies. Frontiers in Oncology, 2022, 12, 880077. | 1.3 | 14 |
| 2481 | MicroRNA-like snoRNA-Derived RNAs (sdRNAs) Promote Castration-Resistant Prostate Cancer. Cells, 2022, 11, 1302. | 1.8 | 8 |
| 2482 | Elucidating miRNA Function in Cancer Biology via the Molecular Genetics' Toolbox. Biomedicines, 2022, 10, 915. | 1.4 | 4 |
| 2483 | Cardiac Remodeling After Myocardial Infarction: Functional Contribution of microRNAs to Inflammation and Fibrosis. Frontiers in Cardiovascular Medicine, 2022, 9, 863238. | 1.1 | 18 |
| 2484 | Non-invasive diagnostic potential of microRNA-203 in liquid biopsy of urothelial carcinoma of bladder. Molecular and Cellular Biochemistry, 2022, 477, 2173-2182. | 1.4 | 5 |
| 2485 | MicroRNA serum profiles and chronic graft-versus-host disease. Blood Advances, 2022, 6, 5295-5306. | 2.5 | 6 |
| 2486 | Downregulation of circ <scp>ATXN7</scp> represses nonâ€small cell lung cancer growth by releasing mi <scp>R</scp> â€7â€5p. Thoracic Cancer, 2022, 13, 1597-1610. | 0.8 | 6 |
| 2487 | A Study on microRNAs Targeting the Genes Overexpressed in Lung Cancer and their Codon Usage Patterns. Molecular Biotechnology, 2022, 64, 1095-1119. | 1.3 | 8 |
| 2488 | Non-coding RNAs and ferroptosis: potential implications for cancer therapy. Cell Death and Differentiation, 2022, 29, 1094-1106. | 5.0 | 48 |
| 2489 | miR-21 antagonist alleviates colitis and angiogenesis via the PTEN/PI3K/AKT pathway in colitis mice induced by TNBS. Annals of Translational Medicine, 2022, 10, 413-413. | 0.7 | 6 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2490 | MicroRNA-218-5p affects lung adenocarcinoma progression through targeting endoplasmic reticulum oxidoreductase 1 alpha. Bioengineered, 2022, 13, 10061-10070. | 1.4 | 11 |
| 2491 | miR-1227-3p participates in the development of fetal growth restriction via regulating trophoblast cell proliferation and apoptosis. Scientific Reports, 2022, 12, 6374. | 1.6 | 4 |
| 2492 | Recent Advances of Tumor Therapy Based on the CD47-SIRPα Axis. Molecular Pharmaceutics, 2022, 19, 1273-1293. | 2.3 | 18 |
| 2493 | Identification of Serum miRNAs as Effective Diagnostic Biomarkers for Distinguishing Primary Central Nervous System Lymphoma from Glioma. Journal of Immunology Research, 2022, 2022, 1-7. | 0.9 | 1 |
| 2494 | The Roles of Non-Coding RNAs in Radiotherapy of Gastrointestinal Carcinoma. Frontiers in Cell and Developmental Biology, 2022, 10, 862563. | 1.8 | 4 |
| 2562 | <scp>miR</scp> â€450a exerts oncosuppressive effects in breast carcinoma by targeting <scp>CREB1</scp> . Kaohsiung Journal of Medical Sciences, 2022, , . | 0.8 | 2 |
| 2563 | Role of ANO1 in tumors and tumor immunity. Journal of Cancer Research and Clinical Oncology, 2022, , $1. $ | 1.2 | 3 |
| 2564 | Antiapoptotic Protein FAIM2 is targeted by miR-3202, and DUX4 via TRIM21, leading to cell death and defective myogenesis. Cell Death and Disease, 2022, 13, 405. | 2.7 | 2 |
| 2565 | c-Myb-mediated inhibition of miR-601 in facilitating malignance of osteosarcoma via augmentation of PKMYT1. Scientific Reports, 2022, 12, 6692. | 1.6 | 0 |
| 2566 | CBX3 regulated by miR-139 promotes the development of HCC by regulating cell cycle progression. Cell Cycle, 2022, 21, 1740-1752. | 1.3 | 6 |
| 2568 | MiR-129-5p/TRIP13 affects malignant phenotypes of colorectal cancer cells Histology and Histopathology, 2022, , 18455. | 0.5 | 2 |
| 2570 | MicroRNA-378a-3p Downregulation as a Novel Biomarker with Poor Clinical Outcomes in Cervical Cancer. Biomedical and Environmental Sciences, 2021, 34, 213-221. | 0.2 | 5 |
| 2571 | Over-expression of miR-193a-3p regulates the apoptosis of colorectal cancer cells by targeting PAK3 American Journal of Translational Research (discontinued), 2022, 14, 1361-1375. | 0.0 | 0 |
| 2572 | CircRNA PTPRM Promotes Non-Small Cell Lung Cancer Progression by Modulating the miR-139-5p/SETD5 Axis. Technology in Cancer Research and Treatment, 2022, 21, 153303382210900. | 0.8 | 6 |
| 2573 | Mir-556-3p Inhibits SqCLC via NUAK1. International Journal of Surgery Oncology, 2022, 7, 30-45. | 0.2 | 0 |
| 2574 | Cholesterol Metabolism in Chronic Kidney Disease: Physiology, Pathologic Mechanisms, and Treatment. Advances in Experimental Medicine and Biology, 2022, 1372, 119-143. | 0.8 | 5 |
| 2575 | miR-196b-5p and miR-107 Expression Differentiates Ocular Sebaceous Carcinoma from Squamous Cell Carcinoma of the Conjunctiva. International Journal of Molecular Sciences, 2022, 23, 4877. | 1.8 | 2 |
| 2576 | MiR-29b-3p Inhibits Migration and Invasion of Papillary Thyroid Carcinoma by Downregulating COL1A1 and COL5A1. Frontiers in Oncology, 2022, 12, 837581. | 1.3 | 4 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2577 | Impact of noncoding <scp>RNAs</scp> on cancer directed immune therapies: Now then and forever. International Journal of Cancer, 2022, 151, 981-992. | 2.3 | 6 |
| 2578 | A combined antitumor strategy of separately transduced mesenchymal stem cells with soluble TRAIL and $IFN\hat{I}^2$ produces a synergistic activity in the reduction of lymphoma and mice survival enlargement. Molecular Medicine Reports, 2022, 25, . | 1.1 | 3 |
| 2579 | miRNA-320 inhibits colitis-associated colorectal cancer by regulating the IL-6R/STAT3 pathway in mice. Journal of Gastrointestinal Oncology, 2022, 13, 695-709. | 0.6 | 6 |
| 2580 | LncRNA cancer susceptibility 20 regulates the metastasis of human gastric cancer cells <i>via</i> the miR-143-5p/MEMO1 molecular axis. World Journal of Gastroenterology, 2022, 28, 1656-1670. | 1.4 | 3 |
| 2581 | Novel Therapies for Alport Syndrome. Frontiers in Medicine, 2022, 9, 848389. | 1.2 | 17 |
| 2582 | Intramolecular ligation method (iLIME) for pre-miRNA quantification and sequencing. Rna, 2022, 28, 1028-1038. | 1.6 | 3 |
| 2583 | Pan-cancer analysis of microRNA expression profiles highlights microRNAs enriched in normal body cells as effective suppressors of multiple tumor types: A study based on TCGA database. PLoS ONE, 2022, 17, e0267291. | 1.1 | 7 |
| 2584 | Exosomal MiRNAs in Osteosarcoma: Biogenesis and Biological Functions. Frontiers in Pharmacology, 2022, 13, 902049. | 1.6 | 6 |
| 2585 | Identification of the Key Genes and Potential Therapeutic Compounds for Abdominal Aortic Aneurysm Based on a Weighted Correlation Network Analysis. Biomedicines, 2022, 10, 1052. | 1.4 | 3 |
| 2586 | Clinical Impact of KIR2DS3 and KIR2DL3 Genes in Neuroblastoma Patients. Medical Principles and Practice, 2022, 31, 532-539. | 1.1 | 2 |
| 2587 | Micro-RNA in Cholangiocarcinoma: Implications for Diagnosis, Prognosis, and Therapy. Journal of Molecular Pathology, 2022, 3, 88-103. | 0.5 | 9 |
| 2588 | Current State of Pleural-Directed Adjuncts Against Malignant Pleural Mesothelioma. Frontiers in Oncology, 2022, 12, 886430. | 1.3 | 3 |
| 2589 | Pervasive role of the long noncoding <scp>RNA DNM3OS</scp> in development and diseases. Wiley Interdisciplinary Reviews RNA, 2023, 14, e1736. | 3.2 | 5 |
| 2590 | MicroRNAs in kidney development and disease. JCI Insight, 2022, 7, . | 2.3 | 16 |
| 2591 | Mxi1 participates in the progression of lung cancer via the microRNA-300/KLF9/GADD34 Axis. Cell Death and Disease, 2022, 13, 425. | 2.7 | 5 |
| 2592 | Carcinoma-associated fibroblasts release microRNA-331-3p containing extracellular vesicles to exacerbate the development of pancreatic cancer <i>via</i> the SCARA5-FAK axis. Cancer Biology and Therapy, 2022, 23, 378-392. | 1.5 | 11 |
| 2593 | Targeting Genetic Modifiers of HBG Gene Expression in Sickle Cell Disease: The miRNA Option. Molecular Diagnosis and Therapy, 2022, 26, 497-509. | 1.6 | 8 |
| 2594 | Deoxyelephantopin Induces Apoptosis and Enhances Chemosensitivity of Colon Cancer via miR-205/Bcl2 Axis. International Journal of Molecular Sciences, 2022, 23, 5051. | 1.8 | 11 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2595 | Cyanidin-3-O-glucoside inhibits the \hat{l}^2 -catenin/MGMT pathway by upregulating miR-214-5p to reverse chemotherapy resistance in glioma cells. Scientific Reports, 2022, 12, 7773. | 1.6 | 9 |
| 2596 | Mitochondria-derived peptides in aging and healthspan. Journal of Clinical Investigation, 2022, 132, . | 3.9 | 44 |
| 2597 | miR-107 is involved in the regulation of NEDD9-mediated invasion and metastasis in breast cancer. BMC Cancer, 2022, 22, 533. | 1.1 | 5 |
| 2598 | GM-CSF-miRNA-Jak2/Stat3 Signaling Mediates Chemotherapy-Induced Cancer Cell Stemness in Gastric Cancer. Frontiers in Pharmacology, 2022, 13, . | 1.6 | 4 |
| 2599 | Tetramethylpyrazine: A review on its mechanisms and functions. Biomedicine and Pharmacotherapy, 2022, 150, 113005. | 2.5 | 56 |
| 2600 | Programming a DNA tetrahedral nanomachine as an integrative tool for intracellular microRNA biosensing and stimulus-unlocked target regulation. Materials Today Bio, 2022, 15, 100276. | 2.6 | 8 |
| 2601 | The interaction between ETS transcription factor family members and microRNAs: A novel approach to cancer therapy. Biomedicine and Pharmacotherapy, 2022, 150, 113069. | 2.5 | 2 |
| 2602 | MicroRNA-217 modulates pancreatic cancer progression via targeting ATAD2. Life Sciences, 2022, 301, 120592. | 2.0 | 16 |
| 2603 | Identification of benzamides derivatives of norfloxacin as promising microRNA-21 inhibitors via repressing its transcription. Bioorganic and Medicinal Chemistry, 2022, 66, 116803. | 1.4 | 0 |
| 2604 | Circ_0000514 promotes the malignant biological behaviors of non-small cell lung cancer cells by modulating miR-330-5p and HMGA2. Pathology Research and Practice, 2022, 235, 153913. | 1.0 | 1 |
| 2605 | Elevated expression of miR-494-3p is associated with resistance to osimertinib in EGFR T790M-positive non-small cell lung cancer. Translational Lung Cancer Research, 2022, 11, 722-734. | 1.3 | 9 |
| 2606 | Therapeutic potential of anti-miR29a in breast cancer patients with type 2 diabetes: an in vitro and xenograft mouse-model study. Translational Cancer Research, 2021, . | 0.4 | 0 |
| 2607 | microRNA-324-3p suppresses the aggressive ovarian cancer by targeting <i>WNK2</i> /i>/RAS pathway. Bioengineered, 2022, 13, 12030-12044. | 1.4 | 4 |
| 2608 | Circular RNA_0120376 regulates microRNA-148b-3 and centrosomal protein 55 to promote non-small cell lung cancer development. Bioengineered, 2022, 13, 11844-11855. | 1.4 | 2 |
| 2609 | miR-29a-3p mitigates the development of osteosarcoma through modulating IGF1 mediated PI3k/Akt/FOXO3 pathway by activating autophagy. Cell Cycle, 2022, 21, 1980-1995. | 1.3 | 6 |
| 2610 | Noncoding RNAs related to the hedgehog pathway in cancer: clinical implications and future perspectives. Molecular Cancer, 2022, 21, 115. | 7.9 | 20 |
| 2611 | LncRNA MIR497HG inhibits colorectal cancer progression by the miR-3918/ACTG2 axis. Journal of Genetics, 2022, 101, . | 0.4 | 1 |
| 2612 | MicroRNAs: Important Regulatory Molecules in Acute Lung Injury/Acute Respiratory Distress Syndrome. International Journal of Molecular Sciences, 2022, 23, 5545. | 1.8 | 12 |

| # | Article | IF | CITATIONS |
|------|---|------|-----------|
| 2613 | Bioengineered miR-34a modulates mitochondrial inner membrane protein 17 like 2 (MPV17L2) expression toward the control of cancer cell mitochondrial functions. Bioengineered, 2022, 13, 12489-12503. | 1.4 | 8 |
| 2614 | Expression of microRNA-223 and microRNA-146b in serum and liver tissue of mice infected with Schistosoma mansoni. Parasitology Research, 2022, 121, 1963-1972. | 0.6 | 2 |
| 2615 | Bioactive cytomembrane@poly(citrate-peptide)-miRNA365 nanoplatform with immune escape and homologous targeting for colon cancer therapy. Materials Today Bio, 2022, 15, 100294. | 2.6 | 6 |
| 2616 | MicroRNA-744-5p suppresses tumorigenesis and metastasis of osteosarcoma through the p38 mitogen-activated protein kinases pathway by targeting transforming growth factor-beta 1. Bioengineered, 2022, 13, 12309-12325. | 1.4 | 3 |
| 2617 | MiR-103a-3p Contributes to the Progression of Colorectal Cancer by Regulating GREM2 Expression. Yonsei Medical Journal, 2022, 63, 520. | 0.9 | 6 |
| 2618 | Circular RNAs modulate Hippo-YAP signaling: functional mechanisms in cancer. Theranostics, 2022, 12, 4269-4287. | 4.6 | 10 |
| 2619 | Metastatic potential., 2022, , 153-173. | | 0 |
| 2620 | Implication of microRNAs in Carcinogenesis with Emphasis on Hematological Malignancies and Clinical Translation. International Journal of Molecular Sciences, 2022, 23, 5838. | 1.8 | 6 |
| 2621 | MicroRNA expression biomarkers of chronic venous disease. Current Issues in Pharmacy and Medical Sciences, 2022, . | 0.1 | 1 |
| 2622 | SOX17-mediated MALAT1-miR-199a-HIF1 $\hat{l}\pm$ axis confers sensitivity in esophageal squamous cell carcinoma cells to radiotherapy. Cell Death Discovery, 2022, 8, . | 2.0 | 6 |
| 2623 | miR‑99a‑5p inhibits glycolysis and induces cell apoptosis in cervical cancer by targeting RRAGD. Oncology Letters, 2022, 24, . | 0.8 | 7 |
| 2624 | A plant immune protein enables broad antitumor response by rescuing microRNA deficiency. Cell, 2022, 185, 1888-1904.e24. | 13.5 | 24 |
| 2625 | The multiple roles and therapeutic potential of HSP60 in cancer. Biochemical Pharmacology, 2022, 201, 115096. | 2.0 | 24 |
| 2628 | Living Cell Nanoporation and Exosomal RNA Analysis Platform for Real-Time Assessment of Cellular Therapies. Journal of the American Chemical Society, 2022, 144, 9443-9450. | 6.6 | 9 |
| 2629 | The microRNA-202 as a Diagnostic Biomarker and a Potential Tumor Suppressor. International Journal of Molecular Sciences, 2022, 23, 5870. | 1.8 | 8 |
| 2630 | Application of vinyl polymerâ€based materials as nucleic acids carriers in cancer therapy. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 0, , . | 3.3 | 0 |
| 2631 | MIR22HG Aggravates Oxygen-Glucose Deprivation and Reoxygenation-Induced Cardiomyocyte Injury through the miR-9-3p/SH2B3 Axis. Cardiovascular Therapeutics, 2022, 2022, 1-13. | 1.1 | 4 |
| 2632 | Application of Induced Pluripotent Stem Cell-Derived Models for Investigating microRNA Regulation in Developmental Processes. Frontiers in Genetics, $0,13,\ldots$ | 1.1 | 0 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2633 | Perspectives of using microRNA-loaded nanocarriers for epigenetic reprogramming of drug resistant colorectal cancers. Seminars in Cancer Biology, 2022, 86, 358-375. | 4.3 | 17 |
| 2634 | Identification and validation of aging-related genes in COPD based on bioinformatics analysis. Aging, 2022, 14, 4336-4356. | 1.4 | 8 |
| 2635 | MiR-103-3p promotes hepatic steatosis to aggravate nonalcoholic fatty liver disease by targeting of ACOX1. Molecular Biology Reports, 2022, 49, 7297-7305. | 1.0 | 8 |
| 2636 | Long non-coding RNA (FALEC) promotes malignant behaviors of gastric cancer cells by regulating miR-203b/PIM3 axis. Annals of Translational Medicine, 2022, 10, 579-579. | 0.7 | 2 |
| 2637 | Splicing mutations in the CFTR gene as therapeutic targets. Gene Therapy, 2022, 29, 399-406. | 2.3 | 6 |
| 2639 | MicroRNA Regulation of Human Herpesvirus Latency. Viruses, 2022, 14, 1215. | 1.5 | 10 |
| 2640 | Roles of H19/ Mir-29a-3p/Col1a1 Axis in the Coe Induced Lung Cancer. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 2641 | MiR-4458-loaded gelatin nanospheres target COL11A1 for DDR2/SRC signaling pathway inactivation to suppress the progression of estrogen receptor-positive breast cancer. Biomaterials Science, 2022, 10, 4596-4611. | 2.6 | 5 |
| 2642 | Epigenetic Therapeutics Targeting NRF2/KEAP1 Signaling in Cancer Oxidative Stress. Frontiers in Pharmacology, $0,13,.$ | 1.6 | 11 |
| 2643 | Bulge-Forming miRNases Cleave Oncogenic miRNAs at the Central Loop Region in a Sequence-Specific Manner. International Journal of Molecular Sciences, 2022, 23, 6562. | 1.8 | 2 |
| 2644 | ROS and miRNA Dysregulation in Ovarian Cancer Development, Angiogenesis and Therapeutic Resistance. International Journal of Molecular Sciences, 2022, 23, 6702. | 1.8 | 15 |
| 2645 | microRNAs: An opportunity to overcome significant challenges in malaria detection and control. Current Research in Pharmacology and Drug Discovery, 2022, 3, 100115. | 1.7 | 3 |
| 2646 | MiR-4739 inhibits the malignant behavior of esophageal squamous cell carcinoma cells via the homeobox C10/vascular endothelial growth factor A/phosphatidylinositol 3-kinase/AKT pathway. Bioengineered, 2022, 13, 14064-14077. | 1.4 | 3 |
| 2647 | Tracing New Landscapes in the Arena of Nanoparticle-Based Cancer Immunotherapy. Frontiers in Nanotechnology, 0, 4, . | 2.4 | 3 |
| 2648 | Mir-34a: a regulatory hub with versatile functions that controls osteosarcoma networks. Cell Cycle, 0, , 1-11. | 1.3 | 5 |
| 2649 | The Role of MicroRNA in the Regulation of Tumor Epithelial–Mesenchymal Transition. Cells, 2022, 11, 1981. | 1.8 | 14 |
| 2650 | Discrimination between Cancer Cells and DNA-Damaged Cells: Pre-miRNA Region Recognition Based on Hyperbranched Hybrid Chain Reaction Amplification for Simultaneous Sensitive Detection and Imaging of miRNA and Pre-miRNA. Analytical Chemistry, 2022, 94, 9911-9918. | 3.2 | 15 |
| 2651 | MicroRNA‴146a attenuates isoproterenol‴induced cardiac fibrosis by inhibiting FGF2. Experimental and Therapeutic Medicine, 2022, 24, . | 0.8 | 2 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2652 | Research progress and clinical application prospects of miRNAs in oral cancer. Molecular Biology Reports, $0, , .$ | 1.0 | 3 |
| 2653 | MiR-1306-5p promotes cell proliferation and inhibits cell apoptosis in acute myeloid leukemia by downregulating PHF6 expression. Leukemia Research, 2022, 120, 106906. | 0.4 | 2 |
| 2654 | miRNAs and the Hippo pathway in cancer: Exploring the therapeutic potential (Review). Oncology Reports, 2022, 48, . | 1.2 | 5 |
| 2655 | Circulating Plasma miRNA Homologs in Mice and Humans Reflect Familial Cerebral Cavernous Malformation Disease. Translational Stroke Research, 0, , . | 2.3 | 0 |
| 2656 | MicroRNA-877-5p Inhibits Cell Progression by Targeting FOXM1 in Lung Cancer. Canadian Respiratory Journal, 2022, 2022, 1-11. | 0.8 | 1 |
| 2657 | Upregulating microRNAâ€210 to Inhibit Apoptosis of Neural Stem Cells with an MRI–Visible Nanomedicine for Stroke Therapy. Small Structures, 2022, 3, . | 6.9 | 2 |
| 2658 | miR-375 is cold exposure sensitive and drives thermogenesis in visceral adipose tissue derived stem cells. Scientific Reports, 2022, 12, . | 1.6 | 8 |
| 2659 | Application of Sensitivity Analysis to Discover Potential Molecular Drug Targets. International Journal of Molecular Sciences, 2022, 23, 6604. | 1.8 | 3 |
| 2660 | miRNA Regulatory Networks Associated with Peripheral Vascular Diseases. Journal of Clinical Medicine, 2022, 11, 3470. | 1.0 | 1 |
| 2661 | miR-203a-3p-DNMT3B feedback loop facilitates non-small cell lung cancer progression. Human Cell, 2022, 35, 1219-1233. | 1.2 | 4 |
| 2662 | CKAP2L, a crucial target of miR-326, promotes prostate cancer progression. BMC Cancer, 2022, 22, . | 1.1 | 1 |
| 2663 | Janus hydrogel-based fuel stimulant powered amplification for multiple detections of miRNA biomarkers in gastric cancer. Chemical Engineering Journal, 2022, 448, 137637. | 6.6 | 5 |
| 2664 | Carbon-based Nanomaterials for Delivery of Small RNA Molecules: A Focus on Potential Cancer Treatment Applications. Pharmaceutical Nanotechnology, 2022, 10, 164-181. | 0.6 | 2 |
| 2665 | MicroRNAs in the Regulation of Solute Carrier Proteins Behind Xenobiotic and Nutrient Transport in Cells. Frontiers in Molecular Biosciences, 0, 9, . | 1.6 | 4 |
| 2666 | Overexpression Pattern of miR-301b in Osteosarcoma and Its Relevance with Osteosarcoma Cellular Behaviors via Modulating SNX10. Biochemical Genetics, 0, , . | 0.8 | 0 |
| 2667 | Regulatory Non-Coding RNAs in Familial Hypercholesterolemia, Theranostic Applications. Frontiers in Cell and Developmental Biology, 0, 10, . | 1.8 | 2 |
| 2668 | <scp>MicroRNA</scp> â€23aâ€3p promotes macrophage <scp>M1</scp> polarization and aggravates lipopolysaccharideâ€induced acute lung injury by regulating <scp>PLK1</scp> / <scp>STAT1</scp> / <scp>STAT3</scp> signalling. International Journal of Experimental Pathology, 2022, 103, 198-207. | 0.6 | 7 |
| 2669 | Mesenchymal stem cell-derived extracellular vesicles alleviate cervical cancer by delivering microRNA-331-3p to reduce LIM zinc finger domain containing 2 methylation in tumor cells. Human Molecular Genetics, 2022, 31, 3829-3845. | 1.4 | 3 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2670 | MiR-378a-3p Acts as a Tumor Suppressor in Colorectal Cancer Stem-Like Cells and Affects the Expression of MALAT1 and NEAT1 IncRNAs. Frontiers in Oncology, 0, 12, . | 1.3 | 5 |
| 2671 | Blueberry anthocyanins extract attenuated diabetic retinopathy by inhibiting endoplasmic reticulum stress via the miR-182/OGG1 axis. Journal of Pharmacological Sciences, 2022, 150, 31-40. | 1.1 | 9 |
| 2672 | Intracellular miRNA-Triggered Surface-Enhanced Raman Scattering Imaging and Dual Gene-Silencing Therapy of Cancer Cell. Analytical Chemistry, 2022, 94, 9336-9344. | 3.2 | 13 |
| 2673 | Lysophosphatidic Acid Signaling and microRNAs: New Roles in Various Cancers. Frontiers in Oncology, 0, 12, . | 1.3 | 5 |
| 2674 | Discovery of a Novel Small-Molecule Inhibitor Disrupting TRBP–Dicer Interaction against Hepatocellular Carcinoma via the Modulation of microRNA Biogenesis. Journal of Medicinal Chemistry, 2022, 65, 11010-11033. | 2.9 | 4 |
| 2675 | On the size-regulation of RNA-loaded lipid nanoparticles synthesized by microfluidic device. Journal of Controlled Release, 2022, 348, 648-659. | 4.8 | 18 |
| 2676 | miRNA-651-3p regulates EMT in ovarian cancer cells by targeting ZNF703 and via the MEK/ERK pathway. Biochemical and Biophysical Research Communications, 2022, 619, 76-83. | 1.0 | 6 |
| 2677 | Osteoblastic microRNAs in skeletal diseases: Biological functions and therapeutic implications. Engineered Regeneration, 2022, 3, 241-257. | 3.0 | 3 |
| 2678 | EGFR, NF-κB and noncoding RNAs in precision medicine. Progress in Molecular Biology and Translational Science, 2022, , 189-218. | 0.9 | 1 |
| 2680 | Overexpression of miR-100-5p inhibits papillary thyroid cancer progression via targeting FZD8. Open Medicine (Poland), 2022, 17, 1172-1182. | 0.6 | 6 |
| 2681 | miR-212-5p inhibits nasopharyngeal carcinoma progression by targeting METTL3. Open Medicine (Poland), 2022, 17, 1241-1251. | 0.6 | 2 |
| 2682 | Prediction Value and Mechanism of miR-587 for Cervical Cancer in HPV Infected Population. International Journal of Pharmacology, 2022, 18, 897-905. | 0.1 | 0 |
| 2683 | Pro-Apoptotic Activity of the Marine Sponge Dactylospongia elegans Metabolites Pelorol and 5-epi-llimaquinone on Human 501Mel Melanoma Cells. Marine Drugs, 2022, 20, 427. | 2.2 | 2 |
| 2684 | Comprehensive Identification of Human Cell Type Chromatin Activity-Specific and Cell Type Expression-Specific MicroRNAs. International Journal of Molecular Sciences, 2022, 23, 7324. | 1.8 | 1 |
| 2685 | Emerging Approaches for Enabling RNAi Therapeutics. Chemistry - an Asian Journal, 0, , . | 1.7 | 2 |
| 2686 | Delivery of engineered extracellular vesicles with miR-29b editing system for muscle atrophy therapy. Journal of Nanobiotechnology, 2022, 20, . | 4.2 | 10 |
| 2687 | Cervical Cancer Cells-Derived Extracellular Vesicles Containing microRNA-146a-5p Affect Actin Dynamics to Promote Cervical Cancer Metastasis by Activating the Hippo-YAP Signaling Pathway via WWC2. Journal of Oncology, 2022, 2022, 1-20. | 0.6 | 4 |
| 2688 | MicroRNAs miR-142-5p, miR-150-5p, miR-320a-3p, and miR-4433b-5p in Serum and Tissue: Potential Biomarkers in Sporadic Breast Cancer. Frontiers in Genetics, 0, 13, . | 1.1 | 10 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2690 | Elevated mir-145-5p is associated with skeletal muscle dysfunction and triggers apoptotic cell death in C2C12 myotubes. Journal of Muscle Research and Cell Motility, 2022, 43, 135-145. | 0.9 | 4 |
| 2691 | Nutri-Epigenetic Effects of Phenolic Compounds from Extra Virgin Olive Oil: A Systematic Review. Advances in Nutrition, 2022, 13, 2039-2060. | 2.9 | 15 |
| 2693 | PVT1 is a stress-responsive lncRNA that drives ovarian cancer metastasis and chemoresistance. Life Science Alliance, 2022, 5, e202201370. | 1.3 | 7 |
| 2694 | Identification of Antitumor miR-30e-5p Controlled Genes; Diagnostic and Prognostic Biomarkers for Head and Neck Squamous Cell Carcinoma. Genes, 2022, 13, 1225. | 1.0 | 3 |
| 2695 | A miR-9-5p/FOXO1/CPEB3 Feed-Forward Loop Drives the Progression of Hepatocellular Carcinoma. Cells, 2022, 11, 2116. | 1.8 | 4 |
| 2696 | Reversing Cardiac Hypertrophy at the Source Using a Cardiac Targeting Peptide Linked to miRNA106a: Targeting Genes That Cause Cardiac Hypertrophy. Pharmaceuticals, 2022, 15, 871. | 1.7 | 6 |
| 2697 | MiR-199a/b-3p inhibits colorectal cancer cell proliferation, migration and invasion through targeting PAK4 and BCAR3. European Journal of Medical Research, 2022, 27, . | 0.9 | 2 |
| 2698 | MicroRNA-21 guide and passenger strand regulation of adenylosuccinate lyase-mediated purine metabolism promotes transition to an EGFR-TKI-tolerant persister state. Cancer Gene Therapy, 2022, 29, 1878-1894. | 2.2 | 6 |
| 2699 | Independent verification of circulating <scp>miRNA</scp> as diagnostic biomarkers for urothelial carcinoma. Cancer Science, 2022, 113, 3510-3517. | 1.7 | 5 |
| 2700 | Focusing on OB-OC-MÎ \mid Axis and miR-23a to Explore the Pathogenesis and Treatment Strategy of Osteoporosis. Frontiers in Endocrinology, 0, 13, . | 1.5 | 1 |
| 2701 | An integrated approach to understand fluid shear stress-driven and reactive oxygen species-mediated metastasis of colon adenocarcinoma through mRNA-miRNA-lncRNA-circRNA networks. Molecular Genetics and Genomics, 2022, 297, 1353-1370. | 1.0 | 4 |
| 2702 | Panax notoginseng saponin reduces IL- $1\hat{l}^2$ -stimulated apoptosis and endoplasmic reticulum stress of nucleus pulposus cells by suppressing miR-222-3p. Annals of Translational Medicine, 2022, 10, 748-748. | 0.7 | 3 |
| 2703 | Umbilical Cord Mesenchymal Stem Cell-Derived Small Extracellular Vesicles Deliver miR-21 to Promote Corneal Epithelial Wound Healing through PTEN/PI3K/Akt Pathway. Stem Cells International, 2022, 2022, 1-15. | 1.2 | 12 |
| 2704 | Melatonin Alleviates Hyperglycemia-Induced Cardiomyocyte Apoptosis via Regulation of Long Non-Coding RNA H19/miR-29c/MAPK Axis in Diabetic Cardiomyopathy. Pharmaceuticals, 2022, 15, 821. | 1.7 | 4 |
| 2705 | Next RNA Therapeutics: The Mine of Non-Coding. International Journal of Molecular Sciences, 2022, 23, 7471. | 1.8 | 34 |
| 2706 | The New Era of Salivaomics in Dentistry: Frontiers and Facts in the Early Diagnosis and Prevention of Oral Diseases and Cancer. Metabolites, 2022, 12, 638. | 1.3 | 10 |
| 2707 | Precision Anti-Cancer Medicines by Oligonucleotide Therapeutics in Clinical Research Targeting Undruggable Proteins and Non-Coding RNAs. Pharmaceutics, 2022, 14, 1453. | 2.0 | 6 |
| 2708 | Long non-coding RNA LBX2-AS1 predicts poor survival of colon cancer patients and promotes its progression via regulating miR-627-5p/RAC1/PI3K/AKT pathway. Human Cell, 2022, 35, 1521-1534. | 1.2 | 3 |

| # | Article | IF | Citations |
|------|---|------|-----------|
| 2709 | Analytical techniques for characterizing diastereomers of phosphorothioated oligonucleotides. Journal of Chromatography A, 2022, 1678, 463349. | 1.8 | 9 |
| 2710 | Decoding microRNA drivers in atherosclerosis. Bioscience Reports, 2022, 42, . | 1.1 | 11 |
| 2711 | Lipid nanocapsules for intracellular delivery of microRNA: A first step towards intervertebral disc degeneration therapy. International Journal of Pharmaceutics, 2022, 624, 121941. | 2.6 | 10 |
| 2712 | miR-6071 inhibits hepatocellular carcinoma progression via targeting PTPN11. Archives of Biochemistry and Biophysics, 2022, 727, 109345. | 1.4 | 1 |
| 2713 | Extrahepatic targeting of lipid nanoparticles in vivo with intracellular targeting for future nanomedicines. Advanced Drug Delivery Reviews, 2022, 188, 114417. | 6.6 | 42 |
| 2714 | RNA-based therapeutics: an overview and prospectus. Cell Death and Disease, 2022, 13, . | 2.7 | 137 |
| 2715 | Injectable Bacteria-Sensitive Hydrogel Promotes Repair of Infected Fractures via Sustained Release of miRNA Antagonist. ACS Applied Materials & Samp; Interfaces, 2022, 14, 34427-34442. | 4.0 | 7 |
| 2716 | A miR-137-XIAP axis contributes to the sensitivity of TRAIL-induced cell death in glioblastoma. Frontiers in Oncology, 0, 12, . | 1.3 | 0 |
| 2717 | The Regulatory Effects of MicroRNAs on Tumor Immunity. BioMed Research International, 2022, 2022, 1-12. | 0.9 | 2 |
| 2718 | miR-143-3p Inhibits Aberrant Tau Phosphorylation and Amyloidogenic Processing of APP by Directly Targeting DAPK1 in Alzheimer's Disease. International Journal of Molecular Sciences, 2022, 23, 7992. | 1.8 | 16 |
| 2719 | Does the diverse source of miRNAs affect human health? An approach towards diagnosis and therapeutic management. Gene Reports, 2022, , 101656. | 0.4 | 0 |
| 2720 | Circular RNA hsa_circ_0000317 inhibits non-small cell lung cancer progression through regulating microRNA-494-3p/phosphatase and tensin homolog deleted on chromosome 10 axis. Clinics, 2022, 77, 100086. | 0.6 | 2 |
| 2721 | MicroRNA target prediction and validation. , 2022, , 53-67. | | 0 |
| 2722 | Hypoxic lung cancer cell-derived exosomal miR-21 mediates macrophage M2 polarization and promotes cancer cell proliferation through targeting IRF1. World Journal of Surgical Oncology, 2022, 20, . | 0.8 | 19 |
| 2723 | A Tetrahedral Framework DNAâ€Based Bioswitchable miRNA Inhibitor Delivery System: Application to Skin Antiâ€Aging. Advanced Materials, 2022, 34, . | 11.1 | 67 |
| 2724 | The Functional Mechanism of MicroRNA in Oral Lichen Planus. Journal of Inflammation Research, 0, Volume 15, 4261-4274. | 1.6 | 5 |
| 2725 | Identification of Critical miRNAs as Novel Diagnostic Markers for Laryngeal Squamous Cell Carcinoma. Disease Markers, 2022, 2022, 1-7. | 0.6 | 2 |
| 2726 | miR-199a: A Tumor Suppressor with Noncoding RNA Network and Therapeutic Candidate in Lung Cancer. International Journal of Molecular Sciences, 2022, 23, 8518. | 1.8 | 11 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2727 | Liver-specific deletion of miR-181ab1 reduces liver tumour progression via upregulation of CBX7. Cellular and Molecular Life Sciences, 2022, 79, . | 2.4 | 3 |
| 2728 | MicroRNAs and Their Big Therapeutic Impacts: Delivery Strategies for Cancer Intervention. Cells, 2022, 11, 2332. | 1.8 | 19 |
| 2729 | Circulating miR-1246 and miR-485-3p as Promising Biomarkers of Clinical Response and Outcome in Melanoma Patients Treated with Targeted Therapy. Cancers, 2022, 14, 3706. | 1.7 | 4 |
| 2730 | The microRNA-10b-Bim axis promotes cancer progression through activating autophagy in oral squamous cell carcinoma. Cell Death Discovery, 2022, 8, . | 2.0 | 4 |
| 2731 | MicroRNA-29a-3p Regulates SH-SY5Y Cell Proliferation and Neurite Growth through Interaction with PTEN-PI3K/AKT/mTOR Signaling Pathway. Disease Markers, 2022, 2022, 1-9. | 0.6 | 2 |
| 2732 | miR-3154 promotes hepatocellular carcinoma progression via suppressing HNF4α. Carcinogenesis, 2022, 43, 1002-1014. | 1.3 | 6 |
| 2733 | MiR-579 Inhibits Lung Adenocarcinoma Cell Proliferation and Metastasis via Binding to CRABP2. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-9. | 0.7 | 4 |
| 2734 | The Role of Non-Coding RNAs in Glioma. Biomedicines, 2022, 10, 2031. | 1.4 | 11 |
| 2735 | MicroRNA in Acromegaly: Involvement in the Pathogenesis and in the Response to First-Generation Somatostatin Receptor Ligands. International Journal of Molecular Sciences, 2022, 23, 8653. | 1.8 | 5 |
| 2736 | A new biomarker to enhance the radiosensitivity of hepatocellular cancer: miRNAs. Future Oncology, 2022, 18, 3217-3228. | 1.1 | 1 |
| 2737 | Broad-acting therapeutic effects of miR-29b-chitosan on hypertension and diabetic complications. Molecular Therapy, 2022, 30, 3462-3476. | 3.7 | 6 |
| 2738 | Trading places: Peptide and small molecule alternatives to oligonucleotide-based modulation of microRNA expression. Drug Discovery Today, 2022, 27, 103337. | 3.2 | 2 |
| 2739 | Exosomes from human urine-derived stem cells carry NRF1 to alleviate bladder fibrosis via regulating miR-301b-3p/TGFβR1 pathway. Molecular and Cellular Biochemistry, 2023, 478, 249-260. | 1.4 | 4 |
| 2740 | Liposomes as Multifunctional Nano-Carriers for Medicinal Natural Products. Frontiers in Chemistry, 0, 10, . | 1.8 | 22 |
| 2741 | MiR-190 ameliorates glucotoxicity-induced dysfunction and apoptosis of pancreatic $\langle i \rangle \hat{l}^2 \langle i \rangle$ -cells by inhibiting NOX2-mediated reactive oxygen species production. PeerJ, 0, 10, e13849. | 0.9 | 1 |
| 2742 | Suppressing the PI3K/AKT Pathway by miR-30d-5p Mimic Sensitizes Ovarian Cancer Cells to Cell Death Induced by High-Dose Estrogen. Biomedicines, 2022, 10, 2060. | 1.4 | 4 |
| 2743 | MicroRNA–disease Network Analysis Repurposes Methotrexate for the Treatment of Abdominal Aortic Aneurysm in Mice. Genomics, Proteomics and Bioinformatics, 2022, , . | 3.0 | 4 |
| 2744 | Integrative small and long RNA omics analysis of human healing and nonhealing wounds discovers cooperating microRNAs as therapeutic targets. ELife, $0, 11, \ldots$ | 2.8 | 12 |

| # | Article | IF | CITATIONS |
|------|--|------------------|---------------|
| 2746 | Role of miRNA dysregulation in sepsis. Molecular Medicine, 2022, 28, . | 1.9 | 16 |
| 2747 | Circulating microRNA profiling for prediction of oncological outcomes in prostate cancer patients following radical prostatectomy. Prostate, 0, , . | 1.2 | 1 |
| 2748 | Significant position of C-myc in colorectal cancer: a promising therapeutic target. Clinical and Translational Oncology, 2022, 24, 2295-2304. | 1,2 | 7 |
| 2749 | Non-coding RNAs in lung cancer: emerging regulators of angiogenesis. Journal of Translational Medicine, 2022, 20, . | 1.8 | 13 |
| 2750 | Anti-Inflammatory microRNAs for Treating Inflammatory Skin Diseases. Biomolecules, 2022, 12, 1072. | 1.8 | 9 |
| 2751 | The roles of circRNA–miRNA–mRNA networks in the development and treatment of osteoporosis. Frontiers in Endocrinology, 0, 13, . | 1.5 | 19 |
| 2752 | MiR-27a-3p binds to TET1 mediated DNA demethylation of ADCY6 regulates breast cancer progression via epithelial-mesenchymal transition. Frontiers in Oncology, 0, 12, . | 1.3 | 5 |
| 2753 | Identification of Potential Biomarkers of Platelet RNA in Glioblastoma by Bioinformatics Analysis. BioMed Research International, 2022, 2022, 1-15. | 0.9 | 2 |
| 2754 | Liver Graft MicroRNAs Expression in Different Etiology of Acute Jaundice after Living Donor Liver Transplantation. Biology, 2022, 11 , 1228 . | 1.3 | 1 |
| 2755 | Using bioinformatics approaches to identify survival-related oncomiRs as potential targets of miRNA-based treatments for lung adenocarcinoma. Computational and Structural Biotechnology Journal, 2022, 20, 4626-4635. | 1.9 | 0 |
| 2756 | Identification and characterization of MicroRNAs in pig liver after the LPS challenge using RNA-seq. Food and Agricultural Immunology, 2022, 33, 652-663. | 0.7 | 1 |
| 2757 | Stimuli-responsive nanoformulations for CRISPR-Cas9 genome editing. Journal of Nanobiotechnology, 2022, 20, . | 4.2 | 13 |
| 2758 | Identification of Key Prognosis-related microRNAs in Early- and Late- Stage Gynecological Cancers Based on TCGA Data. Current Bioinformatics, 2022, 17, 860-872. | 0.7 | 1 |
| 2759 | MiRâ€192â€5p/RB1/NFâ€ÎºBp65 signaling axis promotes ILâ€10 secretion during gastric cancer EMT to induce Tre cell differentiation in the tumour microenvironment. Clinical and Translational Medicine, 2022, 12, . | ² ¶.7 | 11 |
| 2760 | MicroRNA-137 inhibits esophageal squamous cell carcinoma by down-regulating DAAM1. Protein and Peptide Letters, 2022, 29, . | 0.4 | 0 |
| 2761 | Delivery of Therapeutic miR-148b Mimic via Poly(\hat{l}^2 Amino Ester) Polyplexes for Post-transcriptional Gene Regulation and Apoptosis of A549 Cells. Langmuir, 2022, 38, 9833-9843. | 1.6 | 4 |
| 2762 | The Use of Machine Learning in MicroRNA Diagnostics: Current Perspectives. MicroRNA (Shariqah,) Tj ETQq0 0 0 rş | gBT/Over | lock 10 Tf 50 |
| 2763 | Development of 5-FU-modified tumor suppressor microRNAs as a platform for novel microRNA-based cancer therapeutics. Molecular Therapy, 2022, 30, 3450-3461. | 3.7 | 6 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2764 | Non-coding RNA in rhabdomyosarcoma progression and metastasis. Frontiers in Oncology, $0,12,.$ | 1.3 | 6 |
| 2765 | Prostate Cancer Secretome and Membrane Proteome from Pten Conditional Knockout Mice Identify Potential Biomarkers for Disease Progression. International Journal of Molecular Sciences, 2022, 23, 9224. | 1.8 | 3 |
| 2766 | Characteristics of tRNA-Derived Small RNAs and microRNAs Associated with Immunocompromise in an Intrauterine Growth-Restricted Pig Model. Animals, 2022, 12, 2102. | 1.0 | 2 |
| 2767 | Advances and Perspectives of Pharmaceutical Nanotechnology in mRNA Therapy. Pharmaceutical Nanotechnology, 2022, 10, 328-333. | 0.6 | 0 |
| 2768 | Editorial: Chronic inflammation and pharmacological interventions in cardiovascular diseases. Frontiers in Pharmacology, 0, 13 , . | 1.6 | 0 |
| 2769 | Identification of differentially expressed microRNAs as potential biomarkers for carcinoma ex pleomorphic adenoma. Scientific Reports, 2022, 12, . | 1.6 | 4 |
| 2770 | The Omnipresence of DYRK1A in Human Diseases. International Journal of Molecular Sciences, 2022, 23, 9355. | 1.8 | 14 |
| 2771 | Combined Treatment of Bronchial Epithelial Calu-3 Cells with Peptide Nucleic Acids Targeting miR-145-5p and miR-101-3p: Synergistic Enhancement of the Expression of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Gene. International Journal of Molecular Sciences, 2022. 23. 9348. | 1.8 | 8 |
| 2772 | Circulating miR-200 Family and CTCs in Metastatic Breast Cancer before, during, and after a New Line of Systemic Treatment. International Journal of Molecular Sciences, 2022, 23, 9535. | 1.8 | 6 |
| 2773 | MicroRNA delivery systems in glioma therapy and perspectives: A systematic review. Journal of Controlled Release, 2022, 349, 712-730. | 4.8 | 7 |
| 2774 | Bacteria-derived outer membrane vesicles engineered with over-expressed pre-miRNA as delivery nanocarriers for cancer therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2022, 45, 102585. | 1.7 | 7 |
| 2775 | LncRNA C9orf139 can regulate the progression of esophageal squamous carcinoma by mediating the miR-661/HDAC11 axis. Translational Oncology, 2022, 24, 101487. | 1.7 | 5 |
| 2776 | The emerging role of noncoding RNAs in the Hedgehog signaling pathway in cancer. Biomedicine and Pharmacotherapy, 2022, 154, 113581. | 2.5 | 3 |
| 2777 | In silico study on miRNA regulation and NSs protein interactome characterization of the SFTS virus. Journal of Molecular Graphics and Modelling, 2022, 117, 108291. | 1.3 | 0 |
| 2778 | Construction of CeRNA regulatory network based on WGCNA reveals diagnosis biomarkers for colorectal cancer. BMC Cancer, 2022, 22, . | 1.1 | 2 |
| 2779 | Targeting epigenetic regulators for inflammation: Mechanisms and intervention therapy. MedComm, 2022, 3, . | 3.1 | 7 |
| 2780 | A Panel of Circulating microRNAs as a Potential Biomarker for the Early Detection of Gastric Cancer. Avicenna Journal of Medical Biotechnology, 0, , . | 0.2 | 0 |
| 2781 | AntiVIRmiR: A repository of host antiviral miRNAs and their expression along with experimentally validated viral miRNAs and their targets. Frontiers in Genetics, $0,13,.$ | 1.1 | 4 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2782 | Epigenetic oncogenesis, biomarkers and emerging chemotherapeutics for breast cancer. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2022, 1865, 194873. | 0.9 | 5 |
| 2783 | Potential nanocarrier-mediated miRNA-based therapy approaches for multiple sclerosis. Drug Discovery Today, 2022, 27, 103357. | 3.2 | 3 |
| 2784 | Roles of H19/miR-29a-3p/COL1A1 axis in COE-induced lung cancer. Environmental Pollution, 2022, 313, 120194. | 3.7 | 7 |
| 2785 | Circulation microRNA expression profiles in patients with complete responses to chemoradiotherapy in nasopharyngeal carcinoma. Non-coding RNA Research, 2022, 7, 233-241. | 2.4 | 2 |
| 2786 | MicroRNA targeted therapy in hepatitis. , 2022, , 549-561. | | 0 |
| 2787 | Post-transcriptional gene regulation in solid tumors. , 2022, , 119-148. | | 0 |
| 2788 | Nanovesicles for the delivery of siRNA. , 2022, , 457-466. | | 0 |
| 2789 | MicroRNA interference. , 2022, , 33-52. | | 0 |
| 2790 | The Role of DACT Family Members in Tumorigenesis and Tumor Progression. International Journal of Biological Sciences, 2022, 18, 4532-4544. | 2.6 | 2 |
| 2791 | MicroRNAs: The Master Regulators of the Breast Cancer Tumor Microenvironment., 2022, , 1787-1809. | | 0 |
| 2792 | Pristimerin in Oxidative Stress and Use in Cancer. , 2022, , 775-798. | | 0 |
| 2793 | The Interface of Cancer, Their Microenvironment and Nanotechnology. Oncologie, 2022, 24, 371-411. | 0.2 | 2 |
| 2794 | Regulation of gene expression in mammals. , 2022, , 1-31. | | 0 |
| 2795 | Clinical applications of microRNAs. , 2022, , 601-612. | | 0 |
| 2796 | Polypharmacology in Drug Design and Discovery—Basis for Rational Design of Multitarget Drugs. , 2022, , 397-533. | | 1 |
| 2797 | miR-155-5p in the spinal cord regulates hypersensitivity in a rat model of bone cancer pain. Molecular Pain, 2022, 18, 174480692211278. | 1.0 | 0 |
| 2798 | The Role of MicroRNA-126 in Atherosclerotic Cardiovascular Diseases. Current Medicinal Chemistry, 2023, 30, 1902-1921. | 1,2 | 3 |
| 2799 | Novel Insights into miR-944 in Cancer. Cancers, 2022, 14, 4232. | 1.7 | 13 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2800 | miRNA transcriptome and myofiber characteristics of lamb skeletal muscle during hypertrophic growth 1. Frontiers in Genetics, 0, 13 , . | 1.1 | 5 |
| 2801 | MiR-195-5p suppresses the proliferation, migration, and invasion of gallbladder cancer cells by targeting FOSL1 and regulating the Wnt/ \hat{l}^2 -catenin pathway. Annals of Translational Medicine, 2022, 10, 893-893. | 0.7 | 3 |
| 2802 | miRNA therapeutics in precision oncology: a natural premium to nurture. Exploration of Targeted Anti-tumor Therapy, $0, 511-532$. | 0.5 | 2 |
| 2803 | LncRNA GNAS-AS1 knockdown inhibits keloid cells growth by mediating the miR-188-5p/RUNX2 axis. Molecular and Cellular Biochemistry, 2023, 478, 707-719. | 1.4 | 2 |
| 2805 | Global trends in research on miRNA–microbiome interaction from 2011 to 2021: A bibliometric analysis. Frontiers in Pharmacology, 0, 13, . | 1.6 | 3 |
| 2806 | The Role of miR-29s in Human Cancersâ€"An Update. Biomedicines, 2022, 10, 2121. | 1.4 | 5 |
| 2807 | RNA therapeutics: updates and future potential. Science China Life Sciences, 2023, 66, 12-30. | 2.3 | 31 |
| 2808 | Hsa-microRNA-27b-3p inhibits hepatocellular carcinoma progression by inactivating transforming growth factor-activated kinase-binding protein 3/nuclear factor kappa B signalling. Cellular and Molecular Biology Letters, 2022, 27, . | 2.7 | 6 |
| 2809 | MicroRNA-206 suppresses growth and metastasis of breast cancer stem cells via blocking EVI-1-mediated CALR expression. PLoS ONE, 2022, 17, e0274919. | 1.1 | 2 |
| 2810 | Research progress on microRNA-1258 in the development of human cancer. Frontiers in Oncology, 0, 12, . | 1.3 | 1 |
| 2811 | Salvia miltiorrhiza in cancer: Potential role in regulating MicroRNAs and epigenetic enzymes. Frontiers in Pharmacology, 0, 13 , . | 1.6 | 1 |
| 2812 | Pathophysiology of Ischemic Stroke: Noncoding RNA Role in Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-12. | 1.9 | 6 |
| 2813 | microRNA-145-5p inhibits prostate cancer bone metastatic by modulating the epithelial-mesenchymal transition. Frontiers in Oncology, 0, 12, . | 1.3 | 2 |
| 2816 | Targeting Novel microRNAs in Developing Novel Alzheimer's Disease Treatments. Neurochemical Research, 2023, 48, 26-38. | 1.6 | 5 |
| 2817 | Emerging Role of Non-Coding RNAs in Aortic Dissection. Biomolecules, 2022, 12, 1336. | 1.8 | 1 |
| 2818 | <scp>miR</scp> â€92aâ€3p promotes breast cancer proliferation by regulating the <scp>KLF2</scp> / <scp>BIRC5</scp> axis. Thoracic Cancer, 2022, 13, 2992-3000. | 0.8 | 7 |
| 2819 | Circ_0000189 Promotes the Malignancy of Glioma Cells via Regulating miR-192-5p-ZEB2 Axis. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-19. | 1.9 | 3 |
| 2820 | miR‑5590‑3p inhibits the proliferation and metastasis of renal cancer cells by targeting ROCK2 to inhibit proliferation, migration and invasion. Oncology Letters, 2022, 24, . | 0.8 | 2 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2821 | Prognostic Implication of a Cuproptosis-Related miRNA Signature in Hepatocellular Carcinoma. Journal of Healthcare Engineering, 2022, 2022, 1-14. | 1.1 | 6 |
| 2822 | Emerging Role of Noncoding RNAs in EGFR TKI-Resistant Lung Cancer. Cancers, 2022, 14, 4423. | 1.7 | 6 |
| 2823 | Emerging Roles of Micrornas in Veterinary Cardiology. Veterinary Sciences, 2022, 9, 533. | 0.6 | 4 |
| 2824 | Role of Different Types of miRNAs in Some Cardiovascular Diseases and Therapy-Based miRNA Strategies: A Mini Review. BioMed Research International, 2022, 2022, 1-9. | 0.9 | 2 |
| 2825 | The role of miR-200 family in the regulation of hallmarks of cancer. Frontiers in Oncology, $0,12,.$ | 1.3 | 18 |
| 2826 | Targeting non-coding RNA family members with artificial endonuclease XNAzymes. Communications Biology, 2022, 5, . | 2.0 | 5 |
| 2827 | Small non-coding RNA therapeutics for cardiovascular disease. European Heart Journal, 2022, 43, 4548-4561. | 1.0 | 24 |
| 2828 | Non-coding RNAs and epithelial mesenchymal transition in cancer: molecular mechanisms and clinical implications. Journal of Experimental and Clinical Cancer Research, 2022, 41, . | 3.5 | 18 |
| 2829 | Effects of writers, erasers and readers within miRNAâ€related m6A modification in cancers. Cell Proliferation, 2023, 56, . | 2.4 | 15 |
| 2830 | miRNA-331-3p Affects the Proliferation, Metastasis, and Invasion of Osteosarcoma through SOCS1/JAK2/STAT3. Journal of Oncology, 2022, 2022, 1-11. | 0.6 | 4 |
| 2831 | The Transcription Factor Otc4A Stimulates the Proliferation, Invasion, and Stemness of Colorectal Cancer Cells by Inhibiting the Regulation of miR-7-5p on TLR4. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-11. | 0.5 | 0 |
| 2832 | microRNAâ€⊋00c overexpression in cancerâ€associated fibroblasts reduces the invasive properties of breast tumour cells. Clinical and Translational Discovery, 2022, 2, . | 0.2 | 0 |
| 2833 | Hsa_circ_0003602 Contributes to the Progression of Colorectal Cancer by Mediating the miR-149-5p/SLC38A1 Axis. Gut and Liver, 2023, 17, 267-279. | 1.4 | 3 |
| 2834 | miR-31-5p from placental and peripheral blood exosomes is a potential biomarker to diagnose preeclampsia. Hereditas, 2022, 159, . | 0.5 | 6 |
| 2835 | Robust and efficient COVID-19 detection techniques: A machine learning approach. PLoS ONE, 2022, 17, e0274538. | 1.1 | 4 |
| 2836 | Silencing TRAIP suppresses cell proliferation and migration/invasion of triple negative breast cancer via RB-E2F signaling and EMT. Cancer Gene Therapy, 2023, 30, 74-84. | 2.2 | 8 |
| 2837 | Transgenic construction and functional miRNA analysis identify the role of miR-7 in prostate cancer suppression. Oncogene, 2022, 41, 4645-4657. | 2.6 | 4 |
| 2838 | AMBRA1 and its role as a target for anticancer therapy. Frontiers in Oncology, 0, 12, . | 1.3 | 4 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2839 | Histocompatibility Minor 13 (HM13), targeted by miR-760, exerts oncogenic role in breast cancer by suppressing autophagy and activating PI3K-AKT-mTOR pathway. Cell Death and Disease, 2022, 13, . | 2.7 | 3 |
| 2840 | Is there a potential of circulating miRNAs as biomarkers in rheumatic diseases?. Genes and Diseases, 2023, 10, 1263-1278. | 1.5 | 1 |
| 2841 | The role of microRNAs in neurodegenerative diseases: a review. Cell Biology and Toxicology, 2023, 39, 53-83. | 2.4 | 20 |
| 2843 | MiR-31 improves spinal cord injury in mice by promoting the migration of bone marrow mesenchymal stem cells. PLoS ONE, 2022, 17, e0272499. | 1.1 | 4 |
| 2844 | Multi-genomic analysis of 260 adrenocortical cancer patient tumors identifies novel network BIRC5-hsa-miR-335-5p-PAX8-AS1 strongly associated with poor survival. Surgery, 2023, 173, 43-51. | 1.0 | 4 |
| 2845 | Sensing miRNAs for Disease Diagnostics. Analysis & Sensing, 2023, 3, . | 1.1 | 2 |
| 2846 | Adipose-derived stem cells with miR-150-5p inhibition laden in hydroxyapatite/tricalcium phosphate ceramic powders promote osteogenesis via regulating Notch3 and activating FAK/ERK and RhoA. Acta Biomaterialia, 2023, 155, 644-653. | 4.1 | 6 |
| 2847 | MicroRNAs: emerging biomarkers and therapeutic targets of bone fragility in chronic kidney disease. CKJ: Clinical Kidney Journal, 2023, 16, 408-421. | 1.4 | 2 |
| 2848 | ncRNAInter: a novel strategy based on graph neural network to discover interactions between lncRNA and miRNA. Briefings in Bioinformatics, 2022, 23, . | 3.2 | 17 |
| 2849 | Harnessing tumorous flaws for immune supremacy: is miRNA-155 the weak link in breast cancer progression?. Journal of Clinical Investigation, 2022, 132, . | 3.9 | 3 |
| 2850 | Epigenetic regulation of MIR145 core promoter controls miR-143/145 cluster in bladder cancer progression and treatment outcome. Molecular Therapy - Nucleic Acids, 2022, 30, 311-322. | 2.3 | 4 |
| 2851 | Identification of hsa-miR-365b-5p's role in Alzheimer's disease: A combined analysis of miRNA and mRNA microarrays. Neuroscience Letters, 2022, 790, 136892. | 1.0 | O |
| 2852 | Specificity of oligonucleotide gene therapy (OGT) agents. Theranostics, 2022, 12, 7132-7157. | 4.6 | 14 |
| 2853 | Identification of a novel necroptosis-associated miRNA signature for predicting the prognosis in head and neck squamous cell carcinoma. Open Medicine (Poland), 2022, 17, 1682-1698. | 0.6 | 2 |
| 2854 | Hsa_Circ_0066351 Acts as a Prognostic and Immunotherapeutic Biomarker in Colorectal Cancer. Frontiers in Immunology, 0, 13, . | 2.2 | 5 |
| 2855 | In Vivo Inhibition of miR-34a Modestly Limits Cardiac Enlargement and Fibrosis in a Mouse Model with Established Type 1 Diabetes-Induced Cardiomyopathy, but Does Not Improve Diastolic Function. Cells, 2022, 11, 3117. | 1.8 | 4 |
| 2856 | Engineered multifunctional nanocarriers for controlled drug delivery in tumor immunotherapy. Frontiers in Oncology, 0, 12, . | 1.3 | 4 |
| 2858 | Molecular Classification of Colorectal Cancer by microRNA Profiling: Correlation with the Consensus Molecular Subtypes (CMS) and Validation of miR-30b Targets. Cancers, 2022, 14, 5175. | 1.7 | 3 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2859 | Study of KRAS-Related miRNA Expression in Colorectal Cancer. Cancer Management and Research, 0, Volume 14, 2987-3008. | 0.9 | 4 |
| 2860 | Identification of miRNA–mRNA–TFs regulatory network and crucial pathways involved in asthma through advanced systems biology approaches. PLoS ONE, 2022, 17, e0271262. | 1.1 | 2 |
| 2861 | Quercetin and Isorhamnetin Reduce Benzo[a]pyrene-Induced Genotoxicity by Inducing RAD51 Expression through Downregulation of miRâ~34a. International Journal of Molecular Sciences, 2022, 23, 13125. | 1.8 | 3 |
| 2862 | Human umbilical cord mesenchymal stem cell-derived extracellular vesicles carrying miR-655-3p inhibit the development of esophageal cancer by regulating the expression of HIF- $1\hat{l}\pm$ via a LMO4/HDAC2-dependent mechanism. Cell Biology and Toxicology, 2023, 39, 1319-1339. | 2.4 | 2 |
| 2864 | miRNome-transcriptome analysis unveils the key regulatory pathways involved in the tumorigenesis of tongue squamous cell carcinoma. Briefings in Functional Genomics, 2022, 21, 466-477. | 1.3 | 2 |
| 2866 | E2F1 regulates miR-215-5p to aggravate paraquat-induced pulmonary fibrosis via repressing BMPR2 expression. Toxicology Research, 2022, 11, 940-950. | 0.9 | 4 |
| 2867 | The salivary exosomal microRNA as a potential biomarker in patients with periodontitis and oral cancers. Chemical Biology and Drug Design, 2023, 101, 1204-1215. | 1.5 | 5 |
| 2868 | Crosstalk between Tumor-Associated Macrophages and MicroRNAs: A Key Role in Tumor Microenvironment. International Journal of Molecular Sciences, 2022, 23, 13258. | 1.8 | 5 |
| 2869 | An overview of structural approaches to study the rapeutic RNAs. Frontiers in Molecular Biosciences, $0, 9, .$ | 1.6 | 0 |
| 2870 | Potential Mechanisms of Gut-Derived Extracellular Vesicle Participation in Glucose and Lipid Homeostasis. Genes, 2022, 13, 1964. | 1.0 | 2 |
| 2871 | Identification and functional interpretation of miRNAs affected by rare CNVs in CAKUT. Scientific Reports, 2022, 12, . | 1.6 | 3 |
| 2872 | Hypoxia-inducible factor 1-alpha is a driving mechanism linking chronic obstructive pulmonary disease to lung cancer. Frontiers in Oncology, 0, 12 , . | 1.3 | 3 |
| 2873 | Thyclotides, tetrahydrofuran-modified peptide nucleic acids that efficiently penetrate cells and inhibit microRNA-21. Nucleic Acids Research, 2022, 50, 10839-10856. | 6.5 | 4 |
| 2874 | Nucleic Acid Delivery to the Vascular Endothelium. Molecular Pharmaceutics, 2022, 19, 4466-4486. | 2.3 | 2 |
| 2875 | NeRD: a multichannel neural network to predict cellular response of drugs by integrating multidimensional data. BMC Medicine, 2022, 20, . | 2.3 | 3 |
| 2876 | Lamin A to Z in normal aging. Aging, 0, , . | 1.4 | 1 |
| 2877 | The Clinical Value of Blood miR-654-5p, miR-126, miR-10b, and miR-144 in the Diagnosis of Colorectal Cancer. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-8. | 0.7 | 5 |
| 2878 | The role of microRNAs in erectile dysfunction: From pathogenesis to therapeutic potential. Frontiers in Endocrinology, 0, 13, . | 1.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2879 | miR-182-5p Delivered by Plasma Exosomes Promotes Sevoflurane-Induced Neuroinflammation and Cognitive Dysfunction in Aged Rats with Postoperative Cognitive Dysfunction by Targeting Brain-Derived Neurotrophic Factor and Activating NF-ÎB Pathway. Neurotoxicity Research, 2022, 40, 1902-1912. | 1.3 | 7 |
| 2880 | MicroRNA profiling of paediatric AML with <i>FLT-ITD</i> or <i>MLL</i> -rearrangements: Expression signatures and <i>inÂvitro</i> modulation of miR-221-3p and miR-222-3p with BRD4/HATs inhibitors. Oncology Reports, 2022, 48, . | 1.2 | 1 |
| 2881 | Exploration of microRNA-106b-5p as a therapeutic target in intervertebral disc degeneration: a preclinical study. Apoptosis: an International Journal on Programmed Cell Death, 2023, 28, 199-209. | 2.2 | 1 |
| 2882 | Regulation of autophagy by non-coding RNAs in gastric cancer. Frontiers in Oncology, 0, 12, . | 1.3 | 1 |
| 2883 | Luteolin, a Potent Anticancer Compound: From Chemistry to Cellular Interactions and Synergetic Perspectives. Cancers, 2022, 14, 5373. | 1.7 | 19 |
| 2884 | Deficiency of microRNA-10b promotes DSS-induced inflammatory response via impairing intestinal barrier function. Biochemical and Biophysical Research Communications, 2022, 636, 48-54. | 1.0 | 3 |
| 2885 | The role of non-coding RNA in the diagnosis and treatment of Helicobacter pylori-related gastric cancer, with a focus on inflammation and immune response. Frontiers in Medicine, $0, 9, .$ | 1.2 | 1 |
| 2886 | Microbial dysbiosis in the gut drives systemic autoimmune diseases. Frontiers in Immunology, 0, 13, . | 2.2 | 30 |
| 2887 | STAT3/miR-130b-3p/MBNL1 feedback loop regulated by mTORC1 signaling promotes angiogenesis and tumor growth. Journal of Experimental and Clinical Cancer Research, 2022, 41, . | 3.5 | 8 |
| 2888 | MiR-27a-3p and miR-30b-5p inhibited-vitamin D receptor involved in the progression of tuberculosis. Frontiers in Microbiology, $0,13,.$ | 1.5 | 2 |
| 2889 | miR-148a-3p and DDX6 functional link promotes survival of myeloid leukemia cells. Blood Advances, 2023, 7, 3846-3861. | 2.5 | 2 |
| 2890 | <i>miRâ€450b</i> promotes cell migration and invasion by inhibiting <i>SERPINB2</i> in oral squamous cell carcinoma. Oral Diseases, 0, , . | 1.5 | 1 |
| 2891 | Dual-detection of miRNAs in living cells via hybridization chain reaction on DNA tetrahedron. Sensors and Actuators B: Chemical, 2023, 375, 132955. | 4.0 | 12 |
| 2892 | Genetics and epigenetics in conventional chondrosarcoma with focus on non-coding RNAs. Pathology Research and Practice, 2022, 239, 154172. | 1.0 | 2 |
| 2893 | Effect in Human Gene Regulation of Food-Derived Plant miRNAs. , 0, , . | | 0 |
| 2894 | Sensitive microRNA detection based on bimetallic label photothermal lateral flow locked nucleic acid biosensor with smartphone readout. Sensors and Actuators B: Chemical, 2023, 375, 132945. | 4.0 | 6 |
| 2895 | MicroRNAs modulate neuroinflammation after intracerebral hemorrhage: Prospects for new therapy. Frontiers in Immunology, 0, 13 , . | 2.2 | 7 |
| 2896 | TCL1A acts as a tumour suppressor by modulating gastric cancer autophagy via miR-181a-5p-TCL1A-Akt/mTOR-c-MYC loop. Carcinogenesis, 2023, 44, 29-37. | 1.3 | 3 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2897 | MiR-125b-5p modulates the function of regulatory T cells in tumor microenvironment by targeting TNFR2. , 2022, 10 , e005241. | | 5 |
| 2898 | miR- $3614\hat{a}$ e"5p downregulation promotes cadmium-induced breast cancer cell proliferation and metastasis by targeting TXNRD1. Ecotoxicology and Environmental Safety, 2022, 247, 114270. | 2.9 | 6 |
| 2899 | Unveiling the miRNAs responsive to physical activity/exercise training in cancer: A systematic review. Critical Reviews in Oncology/Hematology, 2022, 180, 103844. | 2.0 | 1 |
| 2900 | Ultrasensitive detection of microRNA-10b through target-triggered catalytic hairpin assembly and upconversion nanoparticles-based luminescence resonance energy transfer. Talanta, 2023, 253, 124032. | 2.9 | 7 |
| 2901 | Circulating MicroRNAs as Cancer Biomarkers in Liquid Biopsies. Advances in Experimental Medicine and Biology, 2022, , 23-73. | 0.8 | 10 |
| 2902 | FUT8 is regulated by miRâ€122â€5p and promotes malignancies in intrahepatic cholangiocarcinoma via PI3K/AKT signaling. Cellular Oncology (Dordrecht), 2023, 46, 79-91. | 2.1 | 6 |
| 2903 | Decoding microRNAs in autism spectrum disorder. Molecular Therapy - Nucleic Acids, 2022, 30, 535-546. | 2.3 | 6 |
| 2904 | The Role of MicroRNAs in Dilated Cardiomyopathy: New Insights for an Old Entity. International Journal of Molecular Sciences, 2022, 23, 13573. | 1.8 | 6 |
| 2905 | Intermolecular and Intramolecular Priming Co-directed Synergistic Multi-strand Displacement Amplification Empowers Ultrasensitive Determination of microRNAs. Analytical Chemistry, 2022, 94, 16132-16141. | 3.2 | 9 |
| 2906 | MicroRNAs: diagnostic, prognostic and therapeutic role in heart failureâ€"a review. ESC Heart Failure, 2023, 10, 753-761. | 1.4 | 8 |
| 2907 | Emerging roles of noncoding micro RNAs and circular RNAs in bovine mastitis: Regulation, breeding, diagnosis, and therapy. Frontiers in Microbiology, $0,13,.$ | 1.5 | 1 |
| 2908 | A miRNA-based gene therapy nanodrug synergistically enhances pro-inflammatory antitumor immunity against melanoma. Acta Biomaterialia, 2023, 155, 538-553. | 4.1 | 13 |
| 2909 | <scp>Antiâ€hsaâ€miR</scp> â€59 alleviates premature senescence associated with <scp>Hutchinsonâ€Gilford</scp> progeria syndrome in mice. EMBO Journal, 2023, 42, . | 3.5 | 4 |
| 2910 | A new insight into the diverse facets of microRNA-31 in oral squamous cell carcinoma. Egyptian Journal of Medical Human Genetics, 2022, 23, . | 0.5 | 3 |
| 2911 | Relationship between miRNA and ferroptosis in tumors. Frontiers in Pharmacology, 0, 13 , . | 1.6 | 12 |
| 2913 | Bta-miR-199a-3p Inhibits LPS-Induced Inflammation in Bovine Mammary Epithelial Cells via the PI3K/AKT/NF-κB Signaling Pathway. Cells, 2022, 11, 3518. | 1.8 | 5 |
| 2914 | The hsa-miR-516a-5p and hsa-miR-516b-5p microRNAs reduce the migration and invasion on T98G glioblastoma cell line. Cancer Genetics, 2023, 270-271, 12-21. | 0.2 | 1 |
| 2915 | Micrornas In The Pathogenesis Of Ankylosing Spondylitis And Their Clinical Implication. Current Molecular Medicine, 2022, 23, . | 0.6 | O |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2916 | Recent Advances in DNA Nanostructureâ€enabled Drug Delivery. ChemNanoMat, 2023, 9, . | 1.5 | 1 |
| 2917 | Integrated analysis identified prognostic microRNAs in breast cancer. BMC Cancer, 2022, 22, . | 1.1 | 3 |
| 2918 | Identification of potential microRNAs regulating metabolic plasticity and cellular phenotypes in glioblastoma. Molecular Genetics and Genomics, 0 , , . | 1.0 | 0 |
| 2919 | Deciphering sex-specific miRNAs as heat-recorders in zebrafish. Scientific Reports, 2022, 12, . | 1.6 | 5 |
| 2920 | The role of non-coding RNAs (miRNA and lncRNA) in the clinical management of rheumatoid arthritis. Pharmacological Research, 2022, 186, 106549. | 3.1 | 11 |
| 2921 | The clinical implications of circulating microRNAs as potential biomarkers in screening oral squamous cell carcinoma. Frontiers in Oncology, $0,12,.$ | 1.3 | 1 |
| 2922 | Modulation of Monocyte Response by MicroRNA-15b/106a/374a During Antibody-mediated Rejection in Kidney Transplantation. Transplantation, 2023, 107, 1089-1101. | 0.5 | 0 |
| 2923 | A Computationally Constructed IncRNA-Associated Competing Triplet Network in Clear Cell Renal Cell Carcinoma. Disease Markers, 2022, 2022, 1-11. | 0.6 | 0 |
| 2924 | Human Papillomavirus Modulates Matrix Metalloproteinases During Carcinogenesis: Clinical Significance and Role of Viral Oncoproteins. In Vivo, 2022, 36, 2531-2541. | 0.6 | 3 |
| 2925 | Synthesis of Novel MicroRNA-30c Analogs to Reduce Apolipoprotein B Secretion in Human Hepatoma Cells. Bio-protocol, 2022, 12, . | 0.2 | 0 |
| 2926 | Optimization of storage conditions for lipid nanoparticle-formulated self-replicating RNA vaccines. Journal of Controlled Release, 2023, 353, 241-253. | 4.8 | 20 |
| 2927 | Nucleic acid-based artificial nanocarriers for gene therapy. Journal of Materials Chemistry B, 2023, 11, 261-279. | 2.9 | 6 |
| 2928 | Osteoclast-derived extracellular miR-106a-5p promotes osteogenic differentiation and facilitates bone defect healing. Cellular Signalling, 2023, 102, 110549. | 1.7 | 3 |
| 2929 | Bridged Nucleic Acids for Therapeutic Oligonucleotides. , 2022, , 1-46. | | 0 |
| 2930 | Computational Methods for Identifying MicroRNA-Gene Regulatory Modules. Springer Handbooks of Computational Statistics, 2022, , 187-208. | 0.2 | 0 |
| 2931 | Coexpression network analysis of human candida infection reveals key modules and hub genes responsible for host-pathogen interactions. Frontiers in Genetics, 0, 13, . | 1.1 | 4 |
| 2932 | Biomarkers of Response and Resistance to CDK4/6 Inhibitors in Breast Cancer: Hints from Liquid Biopsy and microRNA Exploration. International Journal of Molecular Sciences, 2022, 23, 14534. | 1.8 | 3 |
| 2933 | Identification of Liver Fibrosis-Related MicroRNAs in Human Primary Hepatic Stellate Cells Using High-Throughput Sequencing. Genes, 2022, 13, 2201. | 1.0 | 4 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2934 | Assessment of Basic Biological Functions Exerted by miRNAs. Methods in Molecular Biology, 2023, , 115-122. | 0.4 | 0 |
| 2935 | The role and mechanisms of miRNA in neonatal necrotizing enterocolitis. Frontiers in Pediatrics, 0, 10 , | 0.9 | 2 |
| 2936 | Stable Cavitation-Mediated Delivery of miR-126 to Endothelial Cells. Pharmaceutics, 2022, 14, 2656. | 2.0 | 1 |
| 2937 | Identifying MicroRNA Markers That Predict COVID-19 Severity Using Machine Learning Methods. Life, 2022, 12, 1964. | 1.1 | 7 |
| 2938 | Oncosuppressive miRNAs loaded in lipid nanoparticles potentiate targeted therapies in BRAF-mutant melanoma by inhibiting core escape pathways of resistance. Oncogene, 0, , . | 2.6 | 5 |
| 2939 | The uprise of RNA biology in neuroendocrine neoplasms: altered splicing and RNA species unveil translational opportunities. Reviews in Endocrine and Metabolic Disorders, 2023, 24, 267-282. | 2.6 | 2 |
| 2940 | Identifying SM-miRNA associations based on layer attention graph convolutional network and matrix decomposition. Frontiers in Molecular Biosciences, $0, 9, \ldots$ | 1.6 | 1 |
| 2941 | The Roles of MiRNAs (MicroRNAs) in Melanoma Immunotherapy. International Journal of Molecular Sciences, 2022, 23, 14775. | 1.8 | 3 |
| 2942 | Evaluation of miRNA Expression in 3D In Vitro Scaffold-Based Cancer Models. Methods in Molecular Biology, 2023, , 211-224. | 0.4 | 0 |
| 2944 | Anwuligan inhibits the progression of nonâ€small cell lung cancer via letâ€7câ€3p/PI3K/AKT/mTOR axis. Cancer Medicine, 2023, 12, 5908-5925. | 1.3 | 5 |
| 2945 | Cancer Stem Cellsâ€"The Insight into Non-Coding RNAs. Cells, 2022, 11, 3699. | 1.8 | 2 |
| 2946 | Role of microRNA-34b-5p in cancer and injury: how does it work?. Cancer Cell International, 2022, 22, . | 1.8 | 2 |
| 2947 | Proteome-Wide Identification of RNA-Dependent Proteins in Lung Cancer Cells. Cancers, 2022, 14, 6109. | 1.7 | 2 |
| 2948 | miRâ^'122â^'5p Regulates Renal Fibrosis In Vivo. International Journal of Molecular Sciences, 2022, 23, 15423. | 1.8 | 0 |
| 2949 | Evaluation of the Diagnostic Potential of Circulating MicroRNAs <i>miR-1</i> hand <i>miR-21</i> hin Patients With Ovarian Cancer. Anticancer Research, 2022, 42, 5839-5845. | 0.5 | 2 |
| 2950 | Frizzled receptors in melanomagenesis: From molecular interactions to target identification. Frontiers in Oncology, 0, 12, . | 1.3 | 0 |
| 2951 | Circulating miRNA Expression Profiles and Machine Learning Models in Association with Response to Irinotecan-Based Treatment in Metastatic Colorectal Cancer. International Journal of Molecular Sciences, 2023, 24, 46. | 1.8 | 3 |
| 2952 | A combined miRNA–piRNA signature in the serum and urine of rabbits infected with Toxoplasma gondii oocysts. Parasites and Vectors, 2022, 15, . | 1.0 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2953 | The role of miRNAs in cancer. , 2022, , . | | 0 |
| 2954 | Micronome Revealed miR-205-5p as Key Regulator of VEGFA During Cancer Related Angiogenesis in Hepatocellular Carcinoma. Molecular Biotechnology, 2023, 65, 1178-1186. | 1.3 | 8 |
| 2955 | MicroRNA-455-3p accelerate malignant progression of tumor by targeting H2AFZ in colorectal cancer. Cell Cycle, 2023, 22, 777-795. | 1.3 | 3 |
| 2956 | Differential microRNA profiles in elderly males with seborrheic dermatitis. Scientific Reports, 2022, 12, | 1.6 | 1 |
| 2957 | Noncoding RNA therapeutics for substance use disorder. Advances in Drug and Alcohol Research, 0, 2, | 2.5 | 3 |
| 2958 | LncRNA TTN-AS1 exacerbates extracellular matrix accumulation via miR-493-3p/FOXP2 axis in diabetic nephropathy. Journal of Genetics, 2023, 102, . | 0.4 | 1 |
| 2959 | Deregulated RNAs involved in sympathetic regulation of sepsis-induced acute lung injury based on whole transcriptome sequencing. BMC Genomics, 2022, 23, . | 1.2 | 2 |
| 2960 | MicroRNA in adenoid cystic carcinoma (Review). International Journal of Oncology, 2022, 62, . | 1.4 | 1 |
| 2961 | Recent Updates on the Role of the MicroRNA-10 Family in Gynecological Malignancies. Journal of Oncology, 2022, 2022, 1-8. | 0.6 | 1 |
| 2962 | Structural Insights into the Advances and Mechanistic Understanding of Human Dicer. Biochemistry, 2023, 62, 1-16. | 1.2 | 5 |
| 2963 | MicroRNAs in T Cell-Immunotherapy. International Journal of Molecular Sciences, 2023, 24, 250. | 1.8 | 3 |
| 2964 | A novel lncRNA MDHDH suppresses glioblastoma multiforme by acting as a scaffold for MDH2 and PSMA1 to regulate NAD+ metabolism and autophagy. Journal of Experimental and Clinical Cancer Research, 2022, 41, . | 3.5 | 9 |
| 2965 | miR-495-3p sensitizes BCR-ABL1-expressing leukemic cells to tyrosine kinase inhibitors by targeting multidrug resistance 1 gene in T315I mutated cells. Experimental Hematology, 2023, 118, 40-52. | 0.2 | 6 |
| 2966 | Endothelial miR-196b-5p regulates angiogenesis via the hypoxia/miR-196b-5p/HMGA2/HIF1α loop. American Journal of Physiology - Cell Physiology, 2023, 324, C407-C419. | 2.1 | 4 |
| 2967 | Screening for MicroRNA combination with engineered exosomes as a new tool against osteosarcoma in elderly patients. Frontiers in Bioengineering and Biotechnology, 0, 10, . | 2.0 | 2 |
| 2968 | MicroRNA-588 regulates the invasive, migratory and vasculogenic mimicry-forming abilities of hypoxic glioma cells by targeting ROBO1. Molecular Biology Reports, 2023, 50, 1333-1347. | 1.0 | 1 |
| 2969 | A cancer cell membrane coated, doxorubicin and microRNA co-encapsulated nanoplatform for colorectal cancer theranostics. Molecular Therapy - Oncolytics, 2023, 28, 182-196. | 2.0 | 4 |
| 2970 | Comprehensive Analysis of FASN in Tumor Immune Infiltration and Prognostic Value for Immunotherapy and Promoter DNA Methylation. International Journal of Molecular Sciences, 2022, 23, 15603. | 1.8 | 4 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 2971 | <scp>MicroRNA</scp> â€183â€5p regulates <scp>TAR DNA</scp> â€binding protein 43 neurotoxicity via <scp>SQSTM1</scp> /p62 in amyotrophic lateral sclerosis. Journal of Neurochemistry, 2023, 164, 643-657. | 2.1 | 1 |
| 2972 | Gentamycin Rationally Repositioned to Inhibit miR-34a Ameliorates Oxidative Injury to PC12 Cells. ACS Omega, 0, , . | 1.6 | 1 |
| 2973 | MiR-191-5p Attenuates Tau Phosphorylation, $\hat{Al^2}$ Generation, and Neuronal Cell Death by Regulating Death-Associated Protein Kinase 1. ACS Chemical Neuroscience, 2022, 13, 3554-3566. | 1.7 | 8 |
| 2974 | MicroRNA-149 Regulates Proliferation, Migration, and Invasion of Pituitary Adenoma Cells by Targeting ADAM12 and MMP14. Current Medical Science, 2022, 42, 1131-1139. | 0.7 | 6 |
| 2975 | Circ_0108942 Regulates the Progression of Breast Cancer by Regulating the MiR-1178-3p/TMED3 Axis. Clinical Breast Cancer, 2023, 23, 291-301. | 1.1 | 0 |
| 2976 | <scp>miR</scp> â€548ag functions as an oncogene by suppressing <scp>MOB1B</scp> in the development of obesityâ€related endometrial cancer. Cancer Science, 2023, 114, 1507-1518. | 1.7 | 3 |
| 2977 | Machine learning in the development of targeting microRNAs in human disease. Frontiers in Genetics, 0, 13, . | 1.1 | 2 |
| 2978 | Epigenetic miRNA Mediated Regulation of RAS in Cardiovascular Diseases. , 2023, , 81-103. | | 0 |
| 2979 | Omental cancerâ€associated fibroblastâ€derived exosomes with low microRNAâ€29câ€3p promote ovarian cancer peritoneal metastasis. Cancer Science, 2023, 114, 1929-1942. | 1.7 | 11 |
| 2980 | NamiRNA-enhancer network of miR-492 activates the NR2C1-TGF- \hat{l}^2 /Smad3 pathway to promote epithelial-mesenchymal transition of pancreatic cancer. Carcinogenesis, 2023, 44, 153-165. | 1.3 | 3 |
| 2981 | Structures and Applications of Nucleic Acid-Based Micelles for Cancer Therapy. International Journal of Molecular Sciences, 2023, 24, 1592. | 1.8 | 3 |
| 2982 | Circ_0001821 Potentiates Cell Growth, Metastasis, and Stemness in Colorectal Cancer by Regulating miR-339-3p/CST1. Biochemical Genetics, 2023, 61, 1451-1469. | 0.8 | 1 |
| 2983 | Remodeling the tumor immune microenvironment with oncolytic viruses expressing miRNAs. Frontiers in Immunology, $0,13,.$ | 2.2 | 2 |
| 2984 | Quantitative Microscopic Observation of Base–Ligand Interactions via Hydrogen Bonds by Single-Molecule Counting. Journal of the American Chemical Society, 2023, 145, 1310-1318. | 6.6 | 4 |
| 2985 | Profiling the Epigenetic Landscape of the Tumor Microenvironment Using Chromatin Immunoprecipitation Sequencing. Methods in Molecular Biology, 2023, , 313-348. | 0.4 | 0 |
| 2986 | The miRNA-185-5p/STIM1 Axis Regulates the Invasiveness of Nasopharyngeal Carcinoma Cell Lines by Modulating EGFR Activation-Stimulated Switch from E- to N-Cadherin. Molecules, 2023, 28, 818. | 1.7 | 2 |
| 2987 | Atomistic simulations of chitosan as a possible carrier system for miRNA transport. Materials Advances, 2023, 4, 1113-1124. | 2.6 | 1 |
| 2988 | CRISPR/Cas9 therapeutics: progress and prospects. Signal Transduction and Targeted Therapy, 2023, 8, . | 7.1 | 73 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2989 | Identification and comprehensive analysis of circRNAâ \in "miRNAâ \in "mRNA regulatory networks in osteoarthritis. Frontiers in Immunology, 0, 13, . | 2.2 | 4 |
| 2990 | Molecular mechanism of the miR-7/BCL2L1/P53 signaling axis regulating the progression of hepatocellular carcinoma. Annals of Translational Medicine, 2023, 11, 12-12. | 0.7 | 3 |
| 2991 | MicroRNAs in the Pathogenesis, Prognostication and Prediction of Treatment Resistance in Soft Tissue Sarcomas. Cancers, 2023, 15, 577. | 1.7 | 0 |
| 2992 | Recent advancements of miRNAs in the treatment of bone diseases and their delivery potential. Current Research in Pharmacology and Drug Discovery, 2023, 4, 100150. | 1.7 | 3 |
| 2993 | Phillygenin inhibited M1 macrophage polarization and reduced hepatic stellate cell activation by inhibiting macrophage exosomal miR-125b-5p. Biomedicine and Pharmacotherapy, 2023, 159, 114264. | 2.5 | 10 |
| 2994 | MiRNAs as non-invasive biomarkers in the serum of Oral Squamous Cell Carcinoma (OSCC) and Oral Potentially Malignant Disorder (OPMD) patients. Archives of Oral Biology, 2023, 147, 105627. | 0.8 | 4 |
| 2995 | Secreted PGK1 and IGFBP2 contribute to the bystander effect of miR-10b gene editing in glioma. Molecular Therapy - Nucleic Acids, 2023, 31, 265-275. | 2.3 | 1 |
| 2996 | The autophagy in ischemic stroke: A regulatory role of non-coding-RNAs. Cellular Signalling, 2023, 104, 110586. | 1.7 | 7 |
| 2997 | IL-6 Accelerates the Proliferation and Metastasis of Pancreatic Cancer Cells via the miR-455-5p/IGF-1R Axis. Cancer Biotherapy and Radiopharmaceuticals, 0, , . | 0.7 | 1 |
| 2998 | <i>MUC13</i> à€'miRNAâ€'4647 axis in colorectal cancer: Prospects to identifications of risk factors and clinical outcomes. Oncology Letters, 2022, 25, . | 0.8 | 1 |
| 2999 | RNA Interference Applications for Machado-Joseph Disease. , 0, , . | | 0 |
| 3000 | MiR-150 blunts cardiac dysfunction in mice with cardiomyocyte loss of \hat{l}^21 -adrenergic receptor/ \hat{l}^2 -arrestin signaling and controls a unique transcriptome. Cell Death Discovery, 2022, 8, . | 2.0 | 1 |
| 3002 | Gut Microbiota–MicroRNA Interactions in Intestinal Homeostasis and Cancer Development. Microorganisms, 2023, 11, 107. | 1.6 | 9 |
| 3003 | MiR-202-3p inhibits the proliferation and metastasis of lung adenocarcinoma cells by targeting RRM2. Annals of Translational Medicine, 2022, 10, 1374-1374. | 0.7 | 4 |
| 3004 | A Circulating MicroRNA-375 for the Detection of Liver Cancer: A Meta-Analysis. Genetic Testing and Molecular Biomarkers, 2022, 26, 564-572. | 0.3 | 1 |
| 3006 | Circ_0008450 regulates keloid-derived fibroblast proliferation, migration, invasion and apoptosis with increased IGFBP5 through sponging miR-1224-5p. Burns, 2023, 49, 1392-1402. | 1.1 | 0 |
| 3007 | MFIDMA: A Multiple Information Integration Model for the Prediction of Drug–miRNA Associations. Biology, 2023, 12, 41. | 1.3 | 3 |
| 3008 | miRNAs: The Road from Bench to Bedside. Genes, 2023, 14, 314. | 1.0 | 13 |

| # | Article | IF | CITATIONS |
|------|---|------|-----------|
| 3009 | Detection of MicroRNA Expression Dynamics Using LNA/DNA Nanobiosensor. Methods in Molecular Biology, 2023, , 75-87. | 0.4 | 2 |
| 3010 | An Ultrasensitive miRNA-Based Genosensor for Detection of MicroRNA 21 in Gastric Cancer Cells Based on Functional Signal Amplifier and Synthesized Perovskite-Graphene Oxide and AuNPs. Biosensors, 2023, 13, 172. | 2.3 | 17 |
| 3011 | DeepsmirUD: Prediction of Regulatory Effects on microRNA Expression Mediated by Small Molecules Using Deep Learning. International Journal of Molecular Sciences, 2023, 24, 1878. | 1.8 | 3 |
| 3012 | miRNAomics in COVID-19. , 2023, , 145-160. | | O |
| 3013 | Big Data and Neurodegeneration Disorders. , 2023, , 1-7. | | 0 |
| 3014 | Long Noncoding RNA IPW Is a Novel Diagnostic and Predictive Biomarker in Lung Adenocarcinoma. Genetic Testing and Molecular Biomarkers, 2023, 27, 18-26. | 0.3 | 2 |
| 3015 | Circ_0043256 upregulates <scp>KLF2</scp> expression by absorbing <scp>miR</scp> â€1206 to suppress the tumorigenesis of lung cancer. Thoracic Cancer, 2023, 14, 683-699. | 0.8 | 3 |
| 3016 | Passive, active and endogenous organ-targeted lipid and polymer nanoparticles for delivery of genetic drugs. Nature Reviews Materials, 2023, 8, 282-300. | 23.3 | 88 |
| 3017 | Epigenetic dysregulation-mediated COL12A1 upregulation predicts worse outcome in intrahepatic cholangiocarcinoma patients. Clinical Epigenetics, 2023, 15, . | 1.8 | 5 |
| 3018 | MicroRNAs with Multiple Targets of Immune Checkpoints, as a Potential Sensitizer for Immune Checkpoint Inhibitors in Breast Cancer Treatment. Cancers, 2023, 15, 824. | 1.7 | 3 |
| 3020 | L-Fucose inhibits the progression of cholangiocarcinoma by causing microRNA-200b overexpression. Chinese Medical Journal, 0, Publish Ahead of Print, . | 0.9 | 1 |
| 3021 | Comprehensive overview of microRNA function in rheumatoid arthritis. Bone Research, 2023, 11, . | 5.4 | 15 |
| 3022 | Human umbilical cord mesenchymal stem cell-derived exosomes carrying miR-1827 downregulate SUCNR1 to inhibit macrophage M2 polarization and prevent colorectal liver metastasis. Apoptosis: an International Journal on Programmed Cell Death, 2023, 28, 549-565. | 2.2 | 13 |
| 3023 | The potential use of mesenchymal stem cells-derived exosomes as microRNAs delivery systems in different diseases. Cell Communication and Signaling, 2023, 21, . | 2.7 | 34 |
| 3024 | CircRNA Circ_0000118 Regulates Malignancy of Cervical Cancer Cells by Regulating miR-211-5p/miR-377-3p/AKT2 Axis. Biochemical Genetics, 2023, 61, 1625-1644. | 0.8 | 2 |
| 3027 | Regulation of Inflammasome by microRNAs in Triple-Negative Breast Cancer: New Opportunities for Therapy. International Journal of Molecular Sciences, 2023, 24, 3245. | 1.8 | O |
| 3028 | Role of miRNA-99a-5p in modulating the functionof hepatocellular carcinoma cells: Bioinformatics Analysis and In Vitro assay. Current Cancer Drug Targets, 2023, 23, . | 0.8 | 0 |
| 3029 | Maternal Obesity and Its Epigenetic Effects. , 2023, , 563-578. | | O |

| # | Article | IF | CITATIONS |
|------|--|-------------|-----------|
| 3030 | Hypermethylation-Mediated IncRNA MAGI2-AS3 Downregulation Facilitates Malignant Progression of Laryngeal Squamous Cell Carcinoma via Interacting With SPT6. Cell Transplantation, 2023, 32, 096368972311545. | 1.2 | 3 |
| 3031 | miR-183-5p regulates ECM and EMT to promote non-small cell lung cancer progression by targeting LOXL4. Journal of Thoracic Disease, 2023, . | 0.6 | 0 |
| 3032 | The role of tRNA-derived small RNAs in aging. BMB Reports, 2023, 56, 49-55. | 1.1 | 2 |
| 3034 | Perinucleolar Compartment (PNC) Prevalence as an Independent Prognostic Factor in Pediatric Ewing Sarcoma: A Multi-Institutional Study. Cancers, 2023, 15, 2230. | 1.7 | 2 |
| 3035 | Specific miRNAs are associated with human cancer cachexia in an organâ€specific manner. Journal of Cachexia, Sarcopenia and Muscle, 2023, 14, 1381-1394. | 2.9 | 1 |
| 3036 | Role of MicroRNA-502-3p in Human Diseases. Pharmaceuticals, 2023, 16, 532. | 1.7 | 5 |
| 3037 | Liquid Biopsy for Early Diagnosis of Hepatocellular Carcinoma: Current State and Future Perspectives. Current Chinese Science, 2023, 3, 420-443. | 0.2 | 0 |
| 3038 | A novel bimetallic MXene derivative QD-based ECL sensor for miRNA-27a-3p detection. Biosensors and Bioelectronics, 2023, 228, 115225. | 5. 3 | 8 |
| 3039 | Non-coding RNAs in radiotherapy resistance: Roles and therapeutic implications in gastrointestinal cancer. Biomedicine and Pharmacotherapy, 2023, 161, 114485. | 2.5 | 0 |
| 3040 | MicroRNAs as master regulators of FOXO transcription factors in cancer management. Life Sciences, 2023, 321, 121535. | 2.0 | 4 |
| 3041 | MicroRNA and mRNA sequencing analyses reveal key hepatic metabolic and signaling pathways responsive to maternal undernutrition in full-term fetal pigs. Journal of Nutritional Biochemistry, 2023, 116, 109312. | 1.9 | 0 |
| 3042 | Next-generation poly-L-histidine formulations for miRNA mimic delivery. Molecular Therapy - Methods and Clinical Development, 2023, 29, 271-283. | 1.8 | 4 |
| 3043 | miR-27a-3p alleviates lung transplantation-induced bronchiolitis obliterans syndrome (BOS) via suppressing Smad-mediated myofibroblast differentiation and TLR4-induced dendritic cells maturation. Transplant Immunology, 2023, 78, 101806. | 0.6 | 0 |
| 3044 | Multiplexed and accurate quantification strategy for miRNA based on specific terminal-mediated PCR with equivalent amplification. Talanta, 2023, 258, 124463. | 2.9 | 0 |
| 3045 | The Expression Levels of MicroRNAs Differentially Expressed in Sudden Sensorineural Hearing Loss Patients' Serum Are Unchanged for up to 12 Months after Hearing Loss Onset. International Journal of Molecular Sciences, 2023, 24, 7307. | 1.8 | 1 |
| 3046 | MicroRNA, mRNA, and Proteomics Biomarkers and Therapeutic Targets for Improving Lung Cancer Treatment Outcomes. Cancers, 2023, 15, 2294. | 1.7 | 2 |
| 3047 | MicroRNA-593-5p contributes to cell death following exposure to 1-methyl-4-phenylpyridinium by targeting PTEN-induced putative kinase 1. Journal of Biological Chemistry, 2023, 299, 104709. | 1.6 | 2 |
| 3048 | MicroRNA-155 suppressed cholesterol-induced matrix degradation, pyroptosis and apoptosis by targeting RORα in nucleus pulposus cells. Cellular Signalling, 2023, 107, 110678. | 1.7 | 4 |

| # | ARTICLE | IF | Citations |
|------|--|-------------|-----------|
| 3050 | Perspectives on the nanocarriers with miRNAs for targeting melanoma stemness through epigenetic regulation. Pigment Cell and Melanoma Research, 2023, 36, 268-287. | 1.5 | 1 |
| 3051 | Novel insights into the immune cell landscape and gene signatures in autism spectrum disorder by bioinformatics and clinical analysis. Frontiers in Immunology, 0, 13 , . | 2.2 | 2 |
| 3052 | <scp>L1CAM</scp> promotes vasculogenic mimicry formation by <scp>miR</scp> â€143â€3pâ€induced expression of hexokinase 2 in glioma. Molecular Oncology, 2023, 17, 664-685. | 2.1 | 3 |
| 3053 | miRNA dysregulation in traumatic brain injury and epilepsy: a systematic review to identify putative biomarkers for post-traumatic epilepsy. Metabolic Brain Disease, 2023, 38, 749-765. | 1.4 | 4 |
| 3054 | Biomimetic synthesis and optimization of extracellular vesicles for bone regeneration. Journal of Controlled Release, 2023, 355, 18-41. | 4.8 | 5 |
| 3055 | Combining non-negative matrix factorization with graph Laplacian regularization for predicting drug-miRNA associations based on multi-source information fusion. Frontiers in Pharmacology, 0, 14 , . | 1.6 | 0 |
| 3056 | miR-383-5p, miR-181a-5p, and miR-181b-5p as Predictors of Response to First-Generation Somatostatin Receptor Ligands in Acromegaly. International Journal of Molecular Sciences, 2023, 24, 2875. | 1.8 | 4 |
| 3057 | Uterine Flushing Fluid-Derived Let-7b Targets CXCL10 to Regulate Uterine Receptivity in Goats during Embryo Implantation. International Journal of Molecular Sciences, 2023, 24, 2799. | 1.8 | 0 |
| 3058 | Relationship between NUDT21 mediated alternative polyadenylation process and tumor. Frontiers in Oncology, 0, 13, . | 1.3 | 1 |
| 3059 | Integrative miRNA–mRNA profiling of human epidermis: unique signature of SCN9A painful neuropathy. Brain, 0, , . | 3.7 | 1 |
| 3061 | MiR-455-5p suppresses PDZK1IP1 to promote the motility of oral squamous cell carcinoma and accelerate clinical cancer invasion by regulating partial epithelial-to-mesenchymal transition. Journal of Experimental and Clinical Cancer Research, 2023, 42, . | 3.5 | 5 |
| 3062 | Noncoding RNAs in the crosstalk between multiple myeloma cells and bone marrow microenvironment. Cancer Letters, 2023, 556, 216081. | 3.2 | 1 |
| 3063 | MiR-7-5p/KLF4 signaling inhibits stemness and radioresistance in colorectal cancer. Cell Death Discovery, 2023, 9, . | 2.0 | 5 |
| 3064 | Effect of Exosomal IncRNA MALAT1/miR-370-3p/STAT3 Positive Feedback Loop on PI3K/Akt Pathway Mediating Cisplatin Resistance in Cervical Cancer Cells. Journal of Oncology, 2023, 2023, 1-16. | 0.6 | 7 |
| 3065 | Effects of miR-107 on Breast Cancer Cell Growth and Death via Regulation of the PTEN/AKT Signaling Pathway. Journal of Oncology, 2023, 2023, 1-9. | 0.6 | 3 |
| 3066 | Mathematical modeling of regulatory networks of intracellular processes – Aims and selected methods. Computational and Structural Biotechnology Journal, 2023, 21, 1523-1532. | 1.9 | 4 |
| 3067 | Comparative Analysis of Transcriptomic Changes including mRNA and microRNA Expression Induced by the Xenoestrogens Zearalenone and Bisphenol A in Human Ovarian Cells. Toxins, 2023, 15, 140. | 1.5 | 0 |
| 3068 | Near-infrared light-induced photoelectrochemical biosensor based on plasmon-enhanced upconversion nanocomposites for microRNA-155 detection with cascade amplifications. Biosensors and Bioelectronics, 2023, 226, 115145. | 5. 3 | 11 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3070 | Curcumin a Natural Phenol and Its Therapeutic Role in Cancer and Photodynamic Therapy: A Review. Pharmaceutics, 2023, 15, 639. | 2.0 | 17 |
| 3071 | Long Noncoding <scp>RNA PCGEM1</scp> Facilitates Tumor Growth and Metastasis of Osteosarcoma by Sponging <scp>miR</scp> â€433â€3p and Targeting <scp>OMA1</scp> . Orthopaedic Surgery, 2023, 15, 1060-1071. | 0.7 | O |
| 3072 | Necrotizing enterocolitis in premature infantsâ€"A defect in the brakes? Evidence from clinical and animal studies. Mucosal Immunology, 2023, 16, 208-220. | 2.7 | 5 |
| 3073 | Transfer RNA-derived small RNAs in tumor microenvironment. Molecular Cancer, 2023, 22, . | 7.9 | 11 |
| 3074 | Emerging roles of miRNAs in neuropathic pain: From new findings to novel mechanisms. Frontiers in Molecular Neuroscience, $0, 16, .$ | 1.4 | 7 |
| 3075 | Development of a 5-FU modified miR-129 mimic as a therapeutic for non-small cell lung cancer. Molecular Therapy - Oncolytics, 2023, 28, 277-292. | 2.0 | 2 |
| 3076 | Emerging roles of circular RNAs in the invasion and metastasis of head and neck cancer: Possible functions and mechanisms., 2023, 2, 463-487. | | 0 |
| 3077 | Isothermal exponential amplification reactions triggered by circular templates (cEXPAR) targeting miRNA. Molecular Biology Reports, 2023, 50, 3653-3659. | 1.0 | 2 |
| 3078 | The Host Non-Coding RNA Response to Alphavirus Infection. Viruses, 2023, 15, 562. | 1.5 | 1 |
| 3079 | MicroRNA-183/96/182 cluster in immunity and autoimmunity. Frontiers in Immunology, 0, 14, . | 2.2 | 2 |
| 3080 | Optimized workflow to modify microRNA expression in primary human intravascular cells. BMC Immunology, 2023, 24, . | 0.9 | 3 |
| 3081 | Aberrantly Expressed MicroRNAs in Cancer-Associated Fibroblasts and Their Target Oncogenic Signatures in Hepatocellular Carcinoma. International Journal of Molecular Sciences, 2023, 24, 4272. | 1.8 | 3 |
| 3082 | miR579-3p is an inhibitory modulator of neointimal hyperplasia and transcription factors c-MYB and KLF4. Cell Death Discovery, 2023, 9 , . | 2.0 | 2 |
| 3083 | Inhibition of miR-101-3p prevents human aortic valve interstitial cell calcification through regulation of CDH11/SOX9 expression. Molecular Medicine, 2023, 29, . | 1.9 | 4 |
| 3084 | Mir-421 and mir-550a-1 are potential prognostic markers in esophageal adenocarcinoma. Biology Direct, 2023, 18, . | 1.9 | 1 |
| 3085 | MiRNAs as epigenetic regulators for gut microbiome. , 2023, , 153-172. | | 0 |
| 3086 | Nucleic Acid Pharmaceutical Agents. , 2023, , 231-268. | | 0 |
| 3087 | Epigenetic Abnormalities in Chondrosarcoma. International Journal of Molecular Sciences, 2023, 24, 4539. | 1.8 | 1 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3088 | Using Attribution Sequence Alignment to Interpret Deep Learning Models for miRNA Binding Site Prediction. Biology, 2023, 12, 369. | 1.3 | 1 |
| 3089 | Novel biomarkers for neoplastic progression from ulcerative colitis to colorectal cancer: a systems biology approach. Scientific Reports, 2023, 13, . | 1.6 | 4 |
| 3090 | microRNA: Sebuah panduan pemula untuk klinisi dan peneliti. Journal of Medicine & Health, 2023, 5, 80-94. | 0.2 | 0 |
| 3091 | Potential roles of lncRNA-XIST/miRNAs/mRNAs in human cancer cells. Clinical and Translational Oncology, 2023, 25, 2015-2042. | 1.2 | 3 |
| 3093 | MiR-200/183 family-mediated module biomarker for gastric cancer progression: an Al-assisted bioinformatics method with experimental functional survey. Journal of Translational Medicine, 2023, 21, . | 1.8 | 1 |
| 3094 | G-Quadruplexes Regulate miRNA Biogenesis in Live Zebrafish Embryos. International Journal of Molecular Sciences, 2023, 24, 4828. | 1.8 | 1 |
| 3095 | Investigation of the effects of mir-219-1 gene variants on the development of disease in non-small cell lung cancer patients. African Health Sciences, 2022, 22, 37-45. | 0.3 | 1 |
| 3096 | HIPK2 in Angiogenesis: A Promising Biomarker in Cancer Progression and in Angiogenic Diseases. Cancers, 2023, 15, 1566. | 1.7 | 3 |
| 3097 | Advances in RNA cancer therapeutics: New insight into exosomes as miRNA delivery., 2023, 1, 100005. | | 4 |
| 3098 | The Role of miRNAs in Neuropathic Pain. Biomedicines, 2023, 11, 775. | 1.4 | 2 |
| 3099 | <scp>MicroRNA</scp> â€324â€3p inhibits osteosarcoma progression by suppressing <scp>PGAM1</scp> â€mediated aerobic glycolysis. Cancer Science, 2023, 114, 2345-2359. | 1.7 | 1 |
| 3100 | Comparative analysis of miRNA expression in dedifferentiated and well-differentiated components of dedifferentiated chondrosarcoma. Pathology Research and Practice, 2023, 244, 154414. | 1.0 | 0 |
| 3101 | Mir-153-3p Modulates the Breast Cancer Cells' Chemosensitivity to Doxorubicin by Targeting KIF20A. Cancers, 2023, 15, 1724. | 1.7 | 1 |
| 3102 | Exosome-derived miRNAs regulate macrophage-colorectal cancer cell cross-talk during aggressive tumor development. Colorectal Cancer, 2023, 12, . | 0.8 | 1 |
| 3103 | Engineered exosomes from different sources for cancer-targeted therapy. Signal Transduction and Targeted Therapy, 2023, 8, . | 7.1 | 51 |
| 3104 | Revisiting the Syndecans: Master Signaling Regulators with Prognostic and Targetable Therapeutic Values in Breast Carcinoma. Cancers, 2023, 15, 1794. | 1.7 | 4 |
| 3105 | Drug discovery processes: When and where the rubber meets the road., 2023,, 339-415. | | 1 |
| 3106 | MicroRNAs in cancer metastasis: biological and therapeutic implications. Expert Reviews in Molecular Medicine, 2023, 25, . | 1.6 | 9 |

| # | Article | IF | CITATIONS |
|------|--|--------------|-----------|
| 3107 | MicroRNA in the Diagnosis and Treatment of Doxorubicin-Induced Cardiotoxicity. Biomolecules, 2023, 13, 568. | 1.8 | 4 |
| 3108 | Erythrocyte miRNA-92a-3p interactions with PfEMP1 as determinants of clinical malaria. Functional and Integrative Genomics, 2023, 23, . | 1.4 | O |
| 3109 | miR-671-5p Upregulation Attenuates Blood–Brain Barrier Disruption in the Ischemia Stroke Model Via the NF-аB/MMP-9 Signaling Pathway. Molecular Neurobiology, 2023, 60, 3824-3838. | 1.9 | 6 |
| 3110 | Integration of miRNA's theranostic potential with nanotechnology: Promises and challenges for Parkinson's disease therapeutics. Mechanisms of Ageing and Development, 2023, 211, 111800. | 2.2 | 12 |
| 3112 | miRâ€145 inhibits aerobic glycolysis and cell proliferation of cervical cancer by acting on MYC. FASEB Journal, 2023, 37, . | 0.2 | 3 |
| 3113 | MicroRNA-155 and Disease-Related Immunohistochemical Parameters in Cutaneous Melanoma. Diagnostics, 2023, 13, 1205. | 1.3 | 4 |
| 3114 | Intraoperative Management and Its Influence on Postoperative Biomarker Release. Biomarkers in Disease, 2023, , 525-547. | 0.0 | 0 |
| 3115 | Post-transcriptional control of hemostatic genes: mechanisms and emerging therapeutic concepts in thrombo-inflammatory disorders. Cardiovascular Research, 0, , . | 1.8 | 3 |
| 3117 | Well-Aligned Track-Accelerated Tripedal DNA Walker for Photoelectrochemical Recognition of Dual-miRNAs Based on Molecular Logic Gates. Analytical Chemistry, 2023, 95, 5764-5772. | 3.2 | 9 |
| 3118 | MiR-423-5p is a novel endogenous control for the quantification of circulating miRNAs in human esophageal squamous cell carcinoma. Heliyon, 2023, 9, e14515. | 1.4 | O |
| 3119 | Advances in the Theranostics of Oesophageal Squamous Carcinoma. Advanced Therapeutics, 2023, 6, . | 1.6 | 1 |
| 3120 | The Role of MicroRNA in the Pathogenesis of Diabetic Nephropathy. International Journal of Molecular Sciences, 2023, 24, 6214. | 1.8 | 5 |
| 3121 | Yeni Küçük Kodlamayan RNA Sınıfı: tiRNA. Celal Bayar Üniversitesi Sağlık Bilimleri Enstitüsü | Doengisi, 0, | ,Ο |
| 3122 | The Cell Death and Signal Transduction Mechanisms in Colorectal Carcinogenesis: Recent Advances. Anti-Cancer Agents in Medicinal Chemistry, 2023, 23, . | 0.9 | О |
| 3123 | miRNAs overexpression and their role in breast cancer: Implications for cancer therapeutics. Current Drug Targets, 2023, 24, . | 1.0 | 0 |
| 3124 | Regulatory roles of extracellular vesicles in adverse pregnancy outcomes exposed with environmental toxicants. Critical Reviews in Toxicology, 2022, 52, 867-880. | 1.9 | О |
| 3125 | A biomechanical view of epigenetic tumor regulation. Journal of Biological Physics, 2023, 49, 283-307. | 0.7 | 1 |
| 3126 | microRNA-29b-3p/sirtuin-1/peroxisome proliferator–activated receptor γ suppress osteogenic differentiation. In Vitro Cellular and Developmental Biology - Animal, 2023, 59, 109-120. | 0.7 | О |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 3127 | Up-Regulation of microRNA-424 Causes an Imbalance in AKT Phosphorylation and Impairs Enteric Neural Crest Cell Migration in Hirschsprung Disease. International Journal of Molecular Sciences, 2023, 24, 6700. | 1.8 | 4 |
| 3128 | Rheumatoid Arthritis and Reactive Oxygen Species: A Review. Current Issues in Molecular Biology, 2023, 45, 3000-3015. | 1.0 | 4 |
| 3129 | Enhancing the Effectiveness of Oligonucleotide Therapeutics Using Cell-Penetrating Peptide Conjugation, Chemical Modification, and Carrier-Based Delivery Strategies. Pharmaceutics, 2023, 15, 1130. | 2.0 | 11 |
| 3130 | Small RNAs: An expanding world with therapeutic promises. Fundamental Research, 2023, 3, 676-682. | 1.6 | o |
| 3131 | Dihydroartemisinin inhibits the activation and proliferation of hepatic stellate cells by regulating miRâ€'29bâ€'3p. International Journal of Molecular Medicine, 2023, 51, . | 1.8 | 0 |
| 3132 | LncRNA Phosphatase and Tensin Homolog Induced Kinase 1-AS Promotes Insulin Like Growth Factor 1 Receptor Expression Through Sponge miR-98-5p and Contributes to Bladder Cancer Progression. Journal of Biomaterials and Tissue Engineering, 2023, 13, 334-341. | 0.0 | O |
| 3133 | WNT/ \hat{l}^2 -catenin signaling in hepatocellular carcinoma: The aberrant activation, pathogenic roles, and therapeutic opportunities. Genes and Diseases, 2024, 11, 727-746. | 1.5 | 6 |
| 3134 | AMCSMMA: Predicting Small Molecule–miRNA Potential Associations Based on Accurate Matrix Completion. Cells, 2023, 12, 1123. | 1.8 | O |
| 3135 | The CXCR4/miR-1910-5p/MMRN2 Axis Is Involved in Corneal Neovascularization by Affecting Vascular Permeability., 2023, 64, 10. | | 1 |
| 3136 | Advances in molecular targeted therapies to increase efficacy of (chemo)radiation therapy. Strahlentherapie Und Onkologie, 2023, 199, 1091-1109. | 1.0 | 3 |
| 3137 | A nine-gene signature as prognostic biomarker in gastric cancer by bioinformatics analysis. Clinical and Translational Oncology, 2023, 25, 3296-3306. | 1.2 | 3 |
| 3138 | MicroRNAs in Age-Related Proteostasis and Stress Responses. Non-coding RNA, 2023, 9, 26. | 1.3 | 4 |
| 3139 | New progress in the role of microRNAs in the diagnosis and prognosis of triple negative breast cancer. Frontiers in Molecular Biosciences, 0, 10 , . | 1.6 | 4 |
| 3140 | MicroRNAs expressed during normal wound healing and their associated pathways: A systematic review and bioinformatics analysis. PLoS ONE, 2023, 18, e0281913. | 1.1 | 1 |
| 3141 | The HIFâ€1α/miRâ€26aâ€5p/PFKFB3/ULK1/2 axis regulates vascular remodeling in hypoxiaâ€induced pulmonary hypertension by modulation of autophagy. FASEB Journal, 2023, 37, . | 0.2 | 4 |
| 3142 | MicroRNA Signatures of Tumor Hypoxia. , 2023, , 139-159. | | O |
| 3143 | Role of microRNAs in programmed cell death in renal diseases: A review. Medicine (United States), 2023, 102, e33453. | 0.4 | 0 |
| 3144 | Targeting RNA with Small Molecules. , 2023, , 1-33. | | O |

| # | Article | IF | CITATIONS |
|------|---|--------------|-----------|
| 3145 | The Cystic Fibrosis Transmembrane Conductance Regulator Gene (CFTR) Is under Post-Transcriptional Control of microRNAs: Analysis of the Effects of agomiRNAs Mimicking miR-145-5p, miR-101-3p, and miR-335-5p. Non-coding RNA, 2023, 9, 29. | 1.3 | 2 |
| 3146 | miR‑4732‑5p promotes ovarian cancer mobility by targeting MCUR1. Oncology Letters, 2023, 25, . | 0.8 | 1 |
| 3147 | The functions and networks of non-coding RNAs in the pathogenesis of Rheumatoid Arthritis. Biomedicine and Pharmacotherapy, 2023, 163, 114707. | 2.5 | 2 |
| 3148 | Predicting disease genes based on multi-head attention fusion. BMC Bioinformatics, 2023, 24, . | 1.2 | 0 |
| 3149 | A Smart Nanoâ€Theranostic Platform Based on Dualâ€microRNAs Guided Selfâ€Feedback Tetrahedral Entropyâ€Driven DNA Circuit. Advanced Science, 2023, 10, . | 5 . 6 | 4 |
| 3150 | In utero delivery of miRNA induces epigenetic alterations and corrects pulmonary pathology in congenital diaphragmatic hernia. Molecular Therapy - Nucleic Acids, 2023, 32, 594-602. | 2.3 | 2 |
| 3168 | Circulating MicroRNAs as Biomarkers and Diagnosis Tool for Diseases. , 2023, , 895-950. | | 0 |
| 3170 | Regulation of Bone Homeostasis and Regeneration by MicroRNAs. , 2023, , 741-770. | | 0 |
| 3203 | Post-transcriptional checkpoints in autoimmunity. Nature Reviews Rheumatology, 2023, 19, 486-502. | 3 . 5 | 3 |
| 3207 | Recent advances in the role of miRNAs in post-traumatic stress disorder and traumatic brain injury. Molecular Psychiatry, 2023, 28, 2630-2644. | 4.1 | 2 |
| 3224 | Devices and genomic therapies. , 2024, , 207-218. | | 0 |
| 3241 | Regulatory Roles of MicroRNAs in the Pathogenesis of Metabolic Syndrome. Molecular Biotechnology, 0, , . | 1.3 | 0 |
| 3247 | The Significant Role of microRNAs in Gliomas Angiogenesis: A Particular Focus on Molecular Mechanisms and Opportunities for Clinical Application. Cellular and Molecular Neurobiology, 2023, 43, 3277-3299. | 1.7 | 5 |
| 3278 | Bridged Nucleic Acids for Therapeutic Oligonucleotides. , 2023, , 497-542. | | 0 |
| 3279 | Targeting RNA with Small Molecules. , 2023, , 2773-2805. | | 0 |
| 3304 | Novel insights on perils and promises of miRNA in understanding colon cancer metastasis and progression. , 2023, 40, . | | 0 |
| 3306 | Regulatory miRNAs in cancer cell recovery from therapy exposure and its implications as a novel therapeutic strategy for preventing disease recurrence. The Enzymes, 2023, , . | 0.7 | 0 |
| 3311 | Establishing stereochemical comparability in phosphorothioate oligonucleotides with nuclease P1 digestion coupled with LCMS analysis. Analyst, The, 2023, 148, 5361-5365. | 1.7 | 0 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 3317 | Circular RNA vaccine in disease prevention and treatment. Signal Transduction and Targeted Therapy, 2023, 8, . | 7.1 | 3 |
| 3320 | Potential of oligonucleotide- and protein/peptide-based therapeutics in the management of toxicant/stressor-induced diseases. Naunyn-Schmiedeberg's Archives of Pharmacology, 2024, 397, 1275-1310. | 1.4 | 0 |
| 3325 | The interplay of miRNAs and ferroptosis in diseases related to iron overload. Apoptosis: an International Journal on Programmed Cell Death, 0, , . | 2.2 | 1 |
| 3326 | Functions and targets of miRNAs in pharmacological and toxicological effects of major components of Tripterygium wilfordii Hook F. Naunyn-Schmiedeberg's Archives of Pharmacology, 0, , . | 1.4 | 0 |
| 3330 | Intranasal administration nanosystems for brain-targeted drug delivery. Nano Research, 2023, 16, 13077-13099. | 5.8 | 1 |
| 3345 | Analysis of MicroRNAs in Ferroptosis. Methods in Molecular Biology, 2023, , 223-232. | 0.4 | 0 |
| 3364 | Construction of Prognostic Risk Assessment Model of Endometrial Cancer Based on miRNAs. , 2023, , . | | 0 |
| 3385 | Role of miRNAs as biomarkers for early diagnosis of cancer. , 2024, , 341-354. | | 0 |
| 3399 | Non-coding RNAs in disease: from mechanisms to therapeutics. Nature Reviews Genetics, 2024, 25, 211-232. | 7.7 | 19 |
| 3416 | Functional Role of Non-coding RNAs in Prostate Cancer: From Biomarker to Therapeutic Targets. RNA Technologies, 2023, , 371-387. | 0.2 | 0 |
| 3426 | MicroRNA regulation of adrenal glucocorticoid and androgen biosynthesis. Vitamins and Hormones, 2024, , 1-37. | 0.7 | 0 |
| 3465 | miRNAs in pancreatic cancer progression and metastasis. Clinical and Experimental Metastasis, 0, , . | 1.7 | 2 |
| 3466 | Controlled Delivery of Target-Specific MicroRNA Analogs as a Key to RNAi Therapeutics in Cancer. , 2024, , . | | 0 |
| 3475 | The Utility of RNA Triplex Formation in Autoimmune Disease: Identification of Therapeutic Dual Synergistic MicroRNAs in Systemic Lupus Erythematosus—A Bioinformatics Approach. IFMBE Proceedings, 2024, , 493-512. | 0.2 | 0 |
| 3487 | Pulmonary Delivery of Nucleic Acids. AAPS Introductions in the Pharmaceutical Sciences, 2023, , 93-122. | 0.1 | 0 |
| 3490 | The crosstalk between miRNAs and signaling pathways in human cancers: Potential therapeutic implications. International Review of Cell and Molecular Biology, 2024, , . | 1.6 | 0 |
| 3496 | RNA therapeutics: Molecular mechanisms, and potential clinical translations. Progress in Molecular Biology and Translational Science, 2024, , 65-82. | 0.9 | 0 |
| 3505 | MiRNA in malaria diagnosis and therapeutics. , 2024, , 223-237. | | 0 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3506 | MicroRNAs and dengue viral disease. , 2024, , 123-133. | | 0 |
| 3510 | Wnt/ \hat{l}^2 -catenin-driven EMT regulation in human cancers. Cellular and Molecular Life Sciences, 2024, 81, . | 2.4 | 1 |
| 3540 | Detection of MicroRNAs Using Synthetic Toehold Switch in Mammalian Cells. Methods in Molecular Biology, 2024, , 243-258. | 0.4 | 0 |