

# Secretory Mechanisms and Intercellular Transfer of Mic

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Citation Report

#	ARTICLE	IF	CITATIONS
1	ecancermedalscience. Ecancermedalscience, 2012, 6, 246.	0.6	16
2	Impact on cell to plasma ratio of miR-92a in patients with acute leukemia: in vivo assessment of cell to plasma ratio of miR-92a. BMC Research Notes, 2010, 3, 347.	0.6	55
3	Circulating microRNA in body fluid: a new potential biomarker for cancer diagnosis and prognosis. Cancer Science, 2010, 101, 2087-2092.	1.7	1,180
4	Selective Release of MicroRNA Species from Normal and Malignant Mammary Epithelial Cells. PLoS ONE, 2010, 5, e13515.	1.1	509
5	Circulating microRNAs: novel biomarkers for cardiovascular diseases?. European Heart Journal, 2010, 31, 2705-2707.	1.0	81
6	Secretory microRNAs as a versatile communication tool. Communicative and Integrative Biology, 2010, 3, 478-481.	0.6	132
7	Epigenetic Alterations as Cancer Diagnostic, Prognostic, and Predictive Biomarkers. Advances in Genetics, 2010, 71, 125-176.	0.8	85
8	Lung Injury and Cancer. American Journal of Respiratory Cell and Molecular Biology, 2010, 43, 259-268.	1.4	68
9	Exosomes. Communicative and Integrative Biology, 2010, 3, 447-450.	0.6	302
10	Extra-cellular release and blood diffusion of BART viral micro-RNAs produced by EBV-infected nasopharyngeal carcinoma cells. Virology Journal, 2010, 7, 271.	1.4	113
11	Serum microRNAs as non-invasive biomarkers for cancer. Molecular Cancer, 2010, 9, 306.	7.9	369
12	Reprogramming the human cancer cell nucleus. Genome Biology, 2010, 11, P14.	13.9	0
13	Human Traumatic Brain Injury Alters Plasma microRNA Levels. Journal of Neurotrauma, 2010, 27, 2147-2156.	1.7	260
14	Circulating MicroRNAs as Biomarkers and Potential Paracrine Mediators of Cardiovascular Disease. Circulation: Cardiovascular Genetics, 2010, 3, 484-488.	5.1	262
15	MicroRNAs and Mesenchymal Stem Cells. Vitamins and Hormones, 2011, 87, 291-320.	0.7	45
16	MicroRNAs in body fluids—the mix of hormones and biomarkers. Nature Reviews Clinical Oncology, 2011, 8, 467-477.	12.5	1,290
17	Viral miRNAs exploiting the endosomal/exosomal pathway for intercellular cross-talk and immune evasion. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2011, 1809, 715-721.	0.9	108
18	Circulating MicroRNAs. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2383-2390.	1.1	328

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19	Nanopore-based detection of circulating microRNAs in lung cancer patients. <i>Nature Nanotechnology</i> , 2011, 6, 668-674.	15.6	423
20	MicroRNA signatures: clinical biomarkers for the diagnosis and treatment of breast cancer. <i>Trends in Molecular Medicine</i> , 2011, 17, 313-319.	3.5	185
21	MicroRNA function and neurotrophin BDNF. <i>Neurochemistry International</i> , 2011, 59, 551-558.	1.9	52
22	Novel diagnostic value of circulating miR-18a in plasma of patients with pancreatic cancer. <i>British Journal of Cancer</i> , 2011, 105, 1733-1740.	2.9	232
23	Unidirectional transfer of microRNA-loaded exosomes from T cells to antigen-presenting cells. <i>Nature Communications</i> , 2011, 2, 282.	5.8	1,525
24	Mobile MicroRNAs Hit the Target. <i>Traffic</i> , 2011, 12, 1475-1482.	1.3	13
25	Persistent upregulation of U6:SNORD44 small RNA ratio in the serum of breast cancer patients. <i>Breast Cancer Research</i> , 2011, 13, R86.	2.2	83
26	Characterization of extracellular circulating microRNA. <i>Nucleic Acids Research</i> , 2011, 39, 7223-7233.	6.5	1,665
27	Brain Tumor Exosomes and Microvesicles: Pleiotropic Effects from Tiny Cellular Surrogates. , 0, , .		3
28	Implications of microRNAs in Colorectal Cancer Development, Diagnosis, Prognosis, and Therapeutics. <i>Frontiers in Genetics</i> , 2011, 2, .	1.1	31
29	Expression and Rhythmic Modulation of Circulating MicroRNAs Targeting the Clock Gene <i>Bmal1</i> in Mice. <i>PLoS ONE</i> , 2011, 6, e22586.	1.1	104
30	MicroRNA 144 Impairs Insulin Signaling by Inhibiting the Expression of Insulin Receptor Substrate 1 in Type 2 Diabetes Mellitus. <i>PLoS ONE</i> , 2011, 6, e22839.	1.1	351
31	Plasma miRNA as Biomarkers for Assessment of Total-Body Radiation Exposure Dosimetry. <i>PLoS ONE</i> , 2011, 6, e22988.	1.1	77
32	Involvement of <i>miR-30c</i> and <i>miR-301a</i> in immediate induction of plasminogen activator inhibitor-1 by placental growth factor in human pulmonary endothelial cells. <i>Biochemical Journal</i> , 2011, 434, 473-482.	1.7	68
33	Clinical Impact of Down-Regulated Plasma miR-92a Levels in Non-Hodgkin's Lymphoma. <i>PLoS ONE</i> , 2011, 6, e16408.	1.1	86
34	Regulating the Regulators: microRNA and Asthma. <i>World Allergy Organization Journal</i> , 2011, 4, 94-103.	1.6	23
35	<i>miR-181</i> as a putative biomarker for lymph node metastasis of oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 397-404.	1.4	120
36	MicroRNAs are transported in plasma and delivered to recipient cells by high-density lipoproteins. <i>Nature Cell Biology</i> , 2011, 13, 423-433.	4.6	2,395

#	ARTICLE	IF	CITATIONS
37	Dynamic regulation of circulating microRNA during acute exhaustive exercise and sustained aerobic exercise training. <i>Journal of Physiology</i> , 2011, 589, 3983-3994.	1.3	366
38	Extracellular microRNA: A new source of biomarkers. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 717, 85-90.	0.4	542
39	microRNAs as peripheral blood biomarkers of cardiovascular disease. <i>Vascular Pharmacology</i> , 2011, 55, 111-118.	1.0	65
40	Circulating microRNAs: Association with disease and potential use as biomarkers. <i>Critical Reviews in Oncology/Hematology</i> , 2011, 80, 193-208.	2.0	421
41	Targeting microRNAs involved in human diseases: A novel approach for modification of gene expression and drug development. <i>Biochemical Pharmacology</i> , 2011, 82, 1416-1429.	2.0	100
42	Microvesicles Released from Human Renal Cancer Stem Cells Stimulate Angiogenesis and Formation of Lung Premetastatic Niche. <i>Cancer Research</i> , 2011, 71, 5346-5356.	0.4	777
43	Diagnostic applications of cell-free and circulating tumor cell-associated miRNAs in cancer patients. <i>Expert Review of Molecular Diagnostics</i> , 2011, 11, 259-275.	1.5	70
44	Brain Tumor Microvesicles: Insights into Intercellular Communication in the Nervous System. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 949-959.	1.7	93
45	Circulating microparticles: new insights into the biochemical basis of microparticle release and activity. <i>Basic Research in Cardiology</i> , 2011, 106, 911-923.	2.5	80
46	Exosomes: immune properties and potential clinical implementations. <i>Seminars in Immunopathology</i> , 2011, 33, 419-440.	2.8	450
47	Intercellular nanovesicle-mediated microRNA transfer: A mechanism of environmental modulation of hepatocellular cancer cell growth. <i>Hepatology</i> , 2011, 54, 1237-1248.	3.6	475
48	Whither the resolution of testicular toxicity?. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2011, 92, 504-507.	1.4	2
49	Argonaute2 complexes carry a population of circulating microRNAs independent of vesicles in human plasma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5003-5008.	3.3	2,852
50	RNAi medicine for the brain: progresses and challenges. <i>Human Molecular Genetics</i> , 2011, 20, R21-R27.	1.4	64
51	Role of microRNAs in immunity and organ transplantation. <i>Expert Reviews in Molecular Medicine</i> , 2011, 13, e37.	1.6	25
52	microRNAs in the Regulation of Adipogenesis and Obesity. <i>Current Molecular Medicine</i> , 2011, 11, 304-316.	0.6	235
53	A Three-Dimensional RNA Motif in <i>Potato spindle tuber viroid</i> Mediates Trafficking from Palisade Mesophyll to Spongy Mesophyll in <i>Nicotiana benthamiana</i> . <i>Plant Cell</i> , 2011, 23, 258-272.	3.1	69
54	Circulating microRNAs in plasma of patients with oesophageal squamous cell carcinoma. <i>British Journal of Cancer</i> , 2011, 105, 104-111.	2.9	234

#	ARTICLE	IF	CITATIONS
55	Addressing the Complexity of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1129-1137.	2.5	166
56	New Antisense Strategies: Chemical Synthesis of RNA Oligomers. Advances in Polymer Science, 2011, , 1-47.	0.4	0
57	Circulating MicroRNAs: Potential Biomarkers for Cancer. International Journal of Molecular Sciences, 2011, 12, 2055-2063.	1.8	86
58	Exosomes: Vehicles for the Transfer of Toxic Proteins Associated with Neurodegenerative Diseases?. Frontiers in Physiology, 2012, 3, 124.	1.3	339
59	MicroRNA expression profiling of human islets from individuals with and without Type 2 diabetes: promises and pitfalls. Biochemical Society Transactions, 2012, 40, 800-803.	1.6	10
60	Emerging Role of Neuronal Exosomes in the Central Nervous System. Frontiers in Physiology, 2012, 3, 145.	1.3	186
61	Extracellular small RNAs: what, where, why?. Biochemical Society Transactions, 2012, 40, 886-890.	1.6	77
62	Extracellular Membrane Vesicles and Immune Regulation in the Brain. Frontiers in Physiology, 2012, 3, 117.	1.3	45
63	Role of Exosomes/Microvesicles in the Nervous System and Use in Emerging Therapies. Frontiers in Physiology, 2012, 3, 228.	1.3	254
64	MicroRNAs and myocardial infarction. Current Opinion in Cardiology, 2012, 27, 228-235.	0.8	34
65	Lipid-based carriers of microRNAs and intercellular communication. Current Opinion in Lipidology, 2012, 23, 91-97.	1.2	272
66	Intestinal epithelial CD98 synthesis specifically modulates expression of colonic microRNAs during colitis. American Journal of Physiology - Renal Physiology, 2012, 302, G1282-G1291.	1.6	11
67	Cell-free Circulating miRNA Biomarkers in Cancer. Journal of Cancer, 2012, 3, 432-448.	1.2	135
68	Small RNA deep sequencing reveals a distinct miRNA signature released in exosomes from prion-infected neuronal cells. Nucleic Acids Research, 2012, 40, 10937-10949.	6.5	402
69	XenomiRs and miRNA homeostasis in health and disease. RNA Biology, 2012, 9, 1147-1154.	1.5	104
70	miR-125b Regulation of Androgen Receptor Signaling Via Modulation of the Receptor Complex Co-Repressor NCOR2. BioResearch Open Access, 2012, 1, 55-62.	2.6	26
71	Circulating microRNAs: macro-utility as markers of prostate cancer?. Endocrine-Related Cancer, 2012, 19, R99-R113.	1.6	40
72	Identification of circulating microRNAs as biomarkers in cancers: what have we got?. Clinical Chemistry and Laboratory Medicine, 2012, 50, 2121-2126.	1.4	23

#	ARTICLE	IF	CITATIONS
73	Gene Silencing in Arabidopsis Spreads from the Root to the Shoot, through a Gating Barrier, by Template-Dependent, Nonvascular, Cell-to-Cell Movement. <i>Plant Physiology</i> , 2012, 159, 984-1000.	2.3	76
74	MicroRNAs in Vascular Biology. <i>International Journal of Vascular Medicine</i> , 2012, 2012, 1-13.	0.4	54
75	Exosomes secreted from human colorectal cancer cell lines contain mRNAs, microRNAs and natural antisense RNAs, that can transfer into the human hepatoma HepG2 and lung cancer A549 cell lines. <i>Oncology Reports</i> , 2012, 28, 1551-1558.	1.2	214
76	Exosomal miRNAs: Biological Properties and Therapeutic Potential. <i>Frontiers in Genetics</i> , 2012, 3, 56.	1.1	316
77	Characterization of mRNA and microRNA in human mast cell-derived exosomes and their transfer to other mast cells and blood CD34 progenitor cells. <i>Journal of Extracellular Vesicles</i> , 2012, 1, .	5.5	166
78	Unraveling the Mystery of Cancer by Secretory microRNA: Horizontal microRNA Transfer between Living Cells. <i>Frontiers in Genetics</i> , 2011, 2, 97.	1.1	50
79	Microvesicles/exosomes as potential novel biomarkers of metabolic diseases. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2012, 5, 247.	1.1	138
80	Profiling of circulating microRNAs: from single biomarkers to re-wired networks. <i>Cardiovascular Research</i> , 2012, 93, 555-562.	1.8	232
81	A label-free electrical detection of exosomal microRNAs using microelectrode array. <i>Chemical Communications</i> , 2012, 48, 11942.	2.2	58
82	Cell-to-cell miRNA transfer: From body homeostasis to therapy. , 2012, 136, 169-174.		156
83	Emerging roles of non-coding <sc>RNAs</sc> in pancreatic Î²-cell function and dysfunction. <i>Diabetes, Obesity and Metabolism</i> , 2012, 14, 12-21.	2.2	80
84	Microvesicles released from microglia stimulate synaptic activity via enhanced sphingolipid metabolism. <i>EMBO Journal</i> , 2012, 31, 1231-1240.	3.5	266
85	Short-Range Exosomal Transfer of Viral RNA from Infected Cells to Plasmacytoid Dendritic Cells Triggers Innate Immunity. <i>Cell Host and Microbe</i> , 2012, 12, 558-570.	5.1	413
86	Circulating and Urinary microRNAs in Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2012, 7, 1528-1533.	2.2	83
87	Defining a new role of GW182 in maintaining miRNA stability. <i>EMBO Reports</i> , 2012, 13, 1102-1108.	2.0	46
88	Circulating microRNAs as novel and sensitive biomarkers of acute myocardial Infarction. <i>Clinical Biochemistry</i> , 2012, 45, 727-732.	0.8	110
89	Mechanism of transfer of functional microRNAs between mouse dendritic cells via exosomes. <i>Blood</i> , 2012, 119, 756-766.	0.6	1,164
90	MicroRNAs bind to Toll-like receptors to induce prometastatic inflammatory response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2110-6.	3.3	1,320

#	ARTICLE	IF	CITATIONS
91	Prognostic impact of circulating miR-21 and miR-375 in plasma of patients with esophageal squamous cell carcinoma. <i>Expert Opinion on Biological Therapy</i> , 2012, 12, S53-S59.	1.4	80
92	miRNAs and diabetes mellitus. <i>Expert Review of Endocrinology and Metabolism</i> , 2012, 7, 281-300.	1.2	19
93	Circulating MicroRNAs. <i>Circulation Research</i> , 2012, 110, 483-495.	2.0	895
94	β-Synuclein: Seeding of β-Synuclein Aggregation and Transmission between Cells. <i>Biochemistry</i> , 2012, 51, 4743-4754.	1.2	79
95	Detection of gastric cancer-associated microRNAs on microRNA microarray comparing pre- and post-operative plasma. <i>British Journal of Cancer</i> , 2012, 106, 740-747.	2.9	168
96	Competitive Interactions of Cancer Cells and Normal Cells via Secretory MicroRNAs. <i>Journal of Biological Chemistry</i> , 2012, 287, 1397-1405.	1.6	237
97	Circulating microRNA-21 as a novel biomarker for hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2012, 56, 167-175.	1.8	313
98	Exosomes: New players in cell-cell communication. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 2060-2064.	1.2	399
99	Hepatic cell-to-cell transmission of small silencing RNA can extend the therapeutic reach of RNA interference (RNAi). <i>Gut</i> , 2012, 61, 1330-1339.	6.1	150
100	Atheroprotective communication between endothelial cells and smooth muscle cells through miRNAs. <i>Nature Cell Biology</i> , 2012, 14, 249-256.	4.6	1,170
101	Cell-Free Seminal mRNA and MicroRNA Exist in Different Forms. <i>PLoS ONE</i> , 2012, 7, e34566.	1.1	68
102	Circulating microRNAs in cancer: origin, function and application. <i>Journal of Experimental and Clinical Cancer Research</i> , 2012, 31, 38.	3.5	156
103	Circulating MicroRNA in Digestive Tract Cancers. <i>Gastroenterology</i> , 2012, 142, 1074-1078.e1.	0.6	60
104	MicroRNAs in Liver Disease. <i>Gastroenterology</i> , 2012, 142, 1431-1443.	0.6	248
105	Profiling of microRNAs in exosomes released from PC-3 prostate cancer cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2012, 1819, 1154-1163.	0.9	136
106	Extracellular miRNAs: the mystery of their origin and function. <i>Trends in Biochemical Sciences</i> , 2012, 37, 460-465.	3.7	457
107	Age-related differences in the expression of circulating microRNAs: miR-21 as a new circulating marker of inflammaging. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 675-685.	2.2	218
108	A Primer on the Role of MicroRNAs in Endothelial Biology and Vascular Disease. <i>Seminars in Nephrology</i> , 2012, 32, 167-175.	0.6	16

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109	Circulating microRNAs: New biomarkers in diagnosis, prognosis and treatment of cancer (Review). <i>International Journal of Oncology</i> , 2012, 41, 1897-1912.	1.4	313
110	MicroRNAs in Rheumatoid Arthritis. <i>BioDrugs</i> , 2012, 26, 131-141.	2.2	89
111	Selective extracellular vesicle-mediated export of an overlapping set of microRNAs from multiple cell types. <i>BMC Genomics</i> , 2012, 13, 357.	1.2	445
112	Detection of miRNAs with a nanopore single-molecule counter. <i>Expert Review of Molecular Diagnostics</i> , 2012, 12, 573-584.	1.5	54
113	Plasma specific miRNAs as predictive biomarkers for diagnosis and prognosis of glioma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2012, 31, 97.	3.5	164
114	miRandola: Extracellular Circulating MicroRNAs Database. <i>PLoS ONE</i> , 2012, 7, e47786.	1.1	142
115	Comprehensive miRNA Expression Analysis in Peripheral Blood Can Diagnose Liver Disease. <i>PLoS ONE</i> , 2012, 7, e48366.	1.1	149
116	The Genomic and Proteomic Content of Cancer Cell-Derived Exosomes. <i>Frontiers in Oncology</i> , 2012, 2, 38.	1.3	142
117	Peripheral blood microRNAs: A novel tool for diagnosing disease?. <i>Intractable and Rare Diseases Research</i> , 2012, 1, 98-102.	0.3	11
118	MicroRNA in a Case of Unexplained Recurrent Pregnancy Loss. <i>Journal of Clinical Case Reports</i> , 2012, 02, .	0.0	1
119	Importance of RNA isolation methods for analysis of exosomal RNA: Evaluation of different methods. <i>Molecular Immunology</i> , 2012, 50, 278-286.	1.0	181
120	Unbiased approach to profile the variety of small non-coding RNA of human blood plasma with massively parallel sequencing technology. <i>Expert Opinion on Biological Therapy</i> , 2012, 12, S43-S51.	1.4	29
121	Myeloma as a model for the process of metastasis: implications for therapy. <i>Blood</i> , 2012, 120, 20-30.	0.6	163
122	Circulating microRNAs in exosomes indicate hepatocyte injury and inflammation in alcoholic, drug-induced, and inflammatory liver diseases. <i>Hepatology</i> , 2012, 56, 1946-1957.	3.6	558
123	MicroRNAs in metabolism and metabolic disorders. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 239-250.	16.1	984
124	Beyond nutrients: Food-derived microRNAs provide cross-kingdom regulation. <i>BioEssays</i> , 2012, 34, 280-284.	1.2	67
125	The Roles of Neutral Sphingomyelinases in Neurological Pathologies. <i>Neurochemical Research</i> , 2012, 37, 1137-1149.	1.6	46
126	Nucleic acids in circulation: Are they harmful to the host?. <i>Journal of Biosciences</i> , 2012, 37, 301-312.	0.5	62



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127	Serum microRNA levels in different groups of patients with chronic hepatitis B virus infection. <i>Journal of Viral Hepatitis</i> , 2012, 19, e58-65.	1.0	111
128	Plant small RNAs as morphogens. <i>Current Opinion in Cell Biology</i> , 2012, 24, 217-224.	2.6	47
129	Blood serum miRNA: Non-invasive biomarkers for Alzheimer's disease. <i>Experimental Neurology</i> , 2012, 235, 491-496.	2.0	252
130	Secretory miRNAs as novel cancer biomarkers. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012, 1826, 32-43.	3.3	44
131	Secreted microRNAs: a new form of intercellular communication. <i>Trends in Cell Biology</i> , 2012, 22, 125-132.	3.6	668
132	Aberrant expression of miR-196a in gastric cancers and correlation with recurrence. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 394-401.	1.5	69
133	Analysis of exosome release and its prognostic value in human colorectal cancer. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 409-418.	1.5	235
134	Hepatocyte-derived microRNAs as serum biomarkers of hepatic injury and rejection after liver transplantation. <i>Liver Transplantation</i> , 2012, 18, 290-297.	1.3	177
135	Horizontal transfer of microRNAs: molecular mechanisms and clinical applications. <i>Protein and Cell</i> , 2012, 3, 28-37.	4.8	223
136	MicroRNA regulation in cancer-associated fibroblasts. <i>Cancer Immunology, Immunotherapy</i> , 2012, 61, 231-237.	2.0	27
137	Frontiers in Preclinical Safety Biomarkers. <i>Toxicologic Pathology</i> , 2013, 41, 18-31.	0.9	35
138	Serum microRNA expression as an early marker for breast cancer risk in prospectively collected samples from the Sister Study cohort. <i>Breast Cancer Research</i> , 2013, 15, R42.	2.2	96
139	Circulating miRNA as novel markers for diastolic dysfunction. <i>Molecular and Cellular Biochemistry</i> , 2013, 376, 33-40.	1.4	70
140	FedExosomes: Engineering Therapeutic Biological Nanoparticles that Truly Deliver. <i>Pharmaceuticals</i> , 2013, 6, 659-680.	1.7	176
141	Exosomes mediate the cell-to-cell transmission of IFN- $\lambda$ -induced antiviral activity. <i>Nature Immunology</i> , 2013, 14, 793-803.	7.0	464
142	Novel Chemotherapeutic Drugs in Sphingolipid Cancer Research. <i>Handbook of Experimental Pharmacology</i> , 2013, , 211-238.	0.9	35
143	Characterization of human plasma-derived exosomal RNAs by deep sequencing. <i>BMC Genomics</i> , 2013, 14, 319.	1.2	860
144	Sharpening of expression domains induced by transcription and microRNA regulation within a spatio-temporal model of mid-hindbrain boundary formation. <i>BMC Systems Biology</i> , 2013, 7, 48.	3.0	16

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145	The Mix of Two Worlds: Non-Coding RNAs and Hormones. <i>Nucleic Acid Therapeutics</i> , 2013, 23, 2-8.	2.0	45
146	Circulating miR-130b mediates metabolic crosstalk between fat and muscle in overweight/obesity. <i>Diabetologia</i> , 2013, 56, 2275-2285.	2.9	114
147	Circulating MicroRNAs as Novel Biomarkers for the Early Diagnosis of Acute Coronary Syndrome. <i>Journal of Cardiovascular Translational Research</i> , 2013, 6, 884-898.	1.1	48
149	Circulating miR-200c Levels Significantly Predict Response to Chemotherapy and Prognosis of Patients Undergoing Neoadjuvant Chemotherapy for Esophageal Cancer. <i>Annals of Surgical Oncology</i> , 2013, 20, 607-615.	0.7	88
150	MicroRNA modulation of lipid metabolism and oxidative stress in cardiometabolic diseases. <i>Free Radical Biology and Medicine</i> , 2013, 64, 31-39.	1.3	57
151	Exosomal Tumor MicroRNA Modulates Premetastatic Organ Cells. <i>Neoplasia</i> , 2013, 15, 281-IN31.	2.3	310
152	Exosomes as a novel way of interneuronal communication. <i>Biochemical Society Transactions</i> , 2013, 41, 241-244.	1.6	120
153	Human adipose tissue-derived mesenchymal stem cells secrete functional neprilysin-bound exosomes. <i>Scientific Reports</i> , 2013, 3, 1197.	1.6	424
154	Intercellular Transport of MicroRNAs. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 186-192.	1.1	336
155	MicroRNA in Cardiovascular Calcification. <i>Circulation Research</i> , 2013, 112, 1073-1084.	2.0	86
156	Extracellular communication via microRNA: lipid particles have a new message. <i>Journal of Lipid Research</i> , 2013, 54, 1174-1181.	2.0	142
157	Tissue and circulating microRNA influence reproductive function in endometrial disease. <i>Reproductive BioMedicine Online</i> , 2013, 27, 515-529.	1.1	70
158	Microvesicle-mediated Transfer of MicroRNA-150 from Monocytes to Endothelial Cells Promotes Angiogenesis. <i>Journal of Biological Chemistry</i> , 2013, 288, 23586-23596.	1.6	178
159	Context-specific microRNA function in developmental complexity. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 73-84.	1.5	39
160	Hypoxia: A master regulator of microRNA biogenesis and activity. <i>Free Radical Biology and Medicine</i> , 2013, 64, 20-30.	1.3	245
161	Assessing sample and miRNA profile quality in serum and plasma or other biofluids. <i>Methods</i> , 2013, 59, S1-S6.	1.9	562
162	Exosomes Derived from Hypoxic Leukemia Cells Enhance Tube Formation in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 34343-34351.	1.6	307
163	Profiling circulating microRNA expression in a mouse model of nerve allotransplantation. <i>Journal of Biomedical Science</i> , 2013, 20, 64.	2.6	9

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164	Therapeutic Application of MicroRNAs in Cancer. <i>Advances in Delivery Science and Technology</i> , 2013, , 299-314.	0.4	2
165	Exosomes for targeted siRNA delivery across biological barriers. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 391-397.	6.6	430
166	Lung Cancer and Lung Injury: The Dual Role of Ceramide. <i>Handbook of Experimental Pharmacology</i> , 2013, , 93-113.	0.9	35
167	Using information theory to assess the communicative capacity of circulating microRNA. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 1-7.	1.0	8
168	Coronary heart disease alters intercellular communication by modifying microparticle-mediated microRNA transport. <i>FEBS Letters</i> , 2013, 587, 3456-3463.	1.3	37
169	Electroporation-induced siRNA precipitation obscures the efficiency of siRNA loading into extracellular vesicles. <i>Journal of Controlled Release</i> , 2013, 172, 229-238.	4.8	457
170	Exosomes: the future of biomarkers in medicine. <i>Biomarkers in Medicine</i> , 2013, 7, 769-778.	0.6	342
172	Epididymosomes Convey Different Repertoires of MicroRNAs Throughout the Bovine Epididymis1. <i>Biology of Reproduction</i> , 2013, 89, 30.	1.2	155
173	HDL drug carriers for targeted therapy. <i>Clinica Chimica Acta</i> , 2013, 415, 94-100.	0.5	19
174	The Application of MicroRNAs in Cancer Diagnostics. <i>Advances in Delivery Science and Technology</i> , 2013, , 259-298.	0.4	1
175	The Role of Exosomal Shuttle RNA (esRNA) in Cell-to-Cell Communication. , 2013, , 33-45.		2
176	Exosomes as nano-theranostic delivery platforms for gene therapy. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 357-367.	6.6	196
177	AngiomiR-126 expression and secretion from circulating CD34+ and CD14+ PBMCs: role for proangiogenic effects and alterations in type 2 diabetics. <i>Blood</i> , 2013, 121, 226-236.	0.6	163
178	Diagnostic potential of circulating miR-499-5p in elderly patients with acute non ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2013, 167, 531-536.	0.8	214
179	Immature Dendritic Cell-Derived Exosomes: a Promise Subcellular Vaccine for Autoimmunity. <i>Inflammation</i> , 2013, 36, 232-240.	1.7	85
180	Cell-free microRNAs as diagnostic, prognostic, and predictive biomarkers for lung cancer. <i>Genes Chromosomes and Cancer</i> , 2013, 52, 356-369.	1.5	68
181	The curious case of miRNAs in circulation: potential diagnostic biomarkers?. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013, 4, 129-138.	3.2	9
182	Exceptional stories of microRNAs. <i>Experimental Biology and Medicine</i> , 2013, 238, 339-343.	1.1	41

#	ARTICLE	IF	CITATIONS
183	Distinct microRNA profiles are associated with the severity of hepatitis C virus recurrence and acute cellular rejection after liver transplantation. <i>Liver Transplantation</i> , 2013, 19, 383-394.	1.3	29
184	Plasma microRNAs serve as novel potential biomarkers for early detection of gastric cancer. <i>Medical Oncology</i> , 2013, 30, 452.	1.2	86
185	Antisense-mediated isoform switching of steroid receptor coactivator-1 in the central nucleus of the amygdala of the mouse brain. <i>BMC Neuroscience</i> , 2013, 14, 5.	0.8	12
186	Virus-modified exosomes for targeted RNA delivery; A new approach in nanomedicine. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 348-356.	6.6	114
187	MicroRNAs and Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2013, 15, 322.	2.0	125
188	The therapeutic potential of mesenchymal stem cell-derived extracellular vesicles. <i>Proteomics</i> , 2013, 13, 1637-1653.	1.3	332
189	Sequences within RNA coding for HIV-1 Gag p17 are efficiently targeted to exosomes. <i>Cellular Microbiology</i> , 2013, 15, 412-429.	1.1	49
190	MicroRNAs as potential biomarkers in human solid tumors. <i>Cancer Letters</i> , 2013, 329, 125-136.	3.2	208
191	Biogenesis of extracellular vesicles (EV): exosomes, microvesicles, retrovirus-like vesicles, and apoptotic bodies. <i>Journal of Neuro-Oncology</i> , 2013, 113, 1-11.	1.4	1,054
192	Exosomes as nucleic acid nanocarriers. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 331-335.	6.6	206
193	Proinflammatory role of epithelial cell-derived exosomes in allergic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1194-1203.e14.	1.5	215
194	Altered microRNA profiles in bronchoalveolar lavage fluid exosomes in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 894-903.e8.	1.5	266
195	MicroRNA transport: A new way in cell communication. <i>Journal of Cellular Physiology</i> , 2013, 228, 1713-1719.	2.0	110
196	Hepatic disease biomarkers and liver transplantation: what is the potential utility of microRNAs?. <i>Expert Review of Gastroenterology and Hepatology</i> , 2013, 7, 157-170.	1.4	15
197	Selective secretion of microRNA in CNS system. <i>Protein and Cell</i> , 2013, 4, 243-247.	4.8	11
198	Are extracellular microRNAs involved in type 2 diabetes and related pathologies?. <i>Clinical Biochemistry</i> , 2013, 46, 937-945.	0.8	41
199	Differential MicroRNAs Expression in Serum of Patients with Lung Cancer, Pulmonary Tuberculosis, and Pneumonia. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 875-884.	0.9	161
200	Exosomal tumor-suppressive microRNAs as novel cancer therapy. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 376-382.	6.6	72

#	ARTICLE	IF	CITATIONS
201	Circulating microRNAs as novel biomarkers for diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2013, 9, 513-521.	4.3	491
202	Analysis of MicroRNA Niches: Techniques to Measure Extracellular MicroRNA and Intracellular MicroRNA In Situ. <i>Methods in Molecular Biology</i> , 2013, 1024, 157-172.	0.4	17
203	A Combination of Extraction Reagent and DNA Microarray That Allows for the Detection of Global MiRNA Profiles from Serum/Plasma. <i>Methods in Molecular Biology</i> , 2013, 1024, 247-253.	0.4	5
204	Ineffective delivery of diet-derived microRNAs to recipient animal organisms. <i>RNA Biology</i> , 2013, 10, 1107-1116.	1.5	198
205	MicroRNAs in liver disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013, 10, 542-552.	8.2	520
206	Hide and seek: tell-tale signs of breast cancer lurking in the blood. <i>Cancer and Metastasis Reviews</i> , 2013, 32, 289-302.	2.7	18
207	Platelet microRNAs: From platelet biology to possible disease biomarkers and therapeutic targets. <i>Platelets</i> , 2013, 24, 579-589.	1.1	28
208	Endometrial Exosomes/Microvesicles in the Uterine Microenvironment: A New Paradigm for Embryo-Endometrial Cross Talk at Implantation. <i>PLoS ONE</i> , 2013, 8, e58502.	1.1	289
209	microRNA expression profile in stage III colorectal cancer: Circulating miR-18a and miR-29a as promising biomarkers. <i>Oncology Reports</i> , 2013, 30, 320-326.	1.2	144
210	Functional Analysis of Exosomal MicroRNA in Cell-Cell Communication Research. <i>Methods in Molecular Biology</i> , 2013, 1024, 1-10.	0.4	35
211	Biomarkers for the Diagnosis and Prognosis of Mild Traumatic Brain Injury/Concussion. <i>Journal of Neurotrauma</i> , 2013, 30, 657-670.	1.7	193
212	A new role for microRNAs, as ligands of Toll-like receptors. <i>RNA Biology</i> , 2013, 10, 169-174.	1.5	125
213	Exosomes in tumor microenvironment influence cancer progression and metastasis. <i>Journal of Molecular Medicine</i> , 2013, 91, 431-437.	1.7	701
214	Tumor-derived microvesicles: The metastasomes. <i>Medical Hypotheses</i> , 2013, 80, 75-82.	0.8	21
215	Moving RNA moves RNA forward. <i>Science China Life Sciences</i> , 2013, 56, 914-920.	2.3	4
216	The Functional Importance of Tetraspanins in Exosomes. , 2013, , 69-106.		2
217	Systemically Injected Exosomes Targeted to EGFR Deliver Antitumor MicroRNA to Breast Cancer Cells. <i>Molecular Therapy</i> , 2013, 21, 185-191.	3.7	1,314
218	Leukemia cell to endothelial cell communication via exosomal miRNAs. <i>Oncogene</i> , 2013, 32, 2747-2755.	2.6	403

#	ARTICLE	IF	CITATIONS
219	Serum microRNAs: A new diagnostic method for colorectal cancer. <i>Biomedical Reports</i> , 2013, 1, 495-498.	0.9	35
220	Extracellular microRNAs are dynamic non-vesicular biomarkers of muscle turnover. <i>Nucleic Acids Research</i> , 2013, 41, 9500-9513.	6.5	83
221	Exosomes in Prostate Cancer: Putting Together the Pieces of a Puzzle. <i>Cancers</i> , 2013, 5, 1522-1544.	1.7	65
222	Circulating microRNAs: A Potential Role in Diagnosis and Prognosis of Acute Myocardial Infarction. <i>Disease Markers</i> , 2013, 35, 561-566.	0.6	70
223	Muscle-enriched microRNA miR-486 decreases in circulation in response to exercise in young men. <i>Frontiers in Physiology</i> , 2013, 4, 80.	1.3	162
224	Circulating microRNAs in Alzheimer's disease: the search for novel biomarkers. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 24.	1.4	71
225	Neutral Sphingomyelinase 2 (nSMase2)-dependent Exosomal Transfer of Angiogenic MicroRNAs Regulate Cancer Cell Metastasis. <i>Journal of Biological Chemistry</i> , 2013, 288, 10849-10859.	1.6	629
226	Regulation of Vascular Smooth Muscle Cell Turnover by Endothelial Cell-Secreted MicroRNA-126. <i>Circulation Research</i> , 2013, 113, 40-51.	2.0	223
227	Plasma miR-21 is a novel diagnostic biomarker for biliary tract cancer. <i>Cancer Science</i> , 2013, 104, 1626-1631.	1.7	53
228	Expression profiling of microRNAs in RAW264.7 cells treated with a combination of tumor necrosis factor alpha and RANKL during osteoclast differentiation. <i>Journal of Periodontal Research</i> , 2013, 48, 373-385.	1.4	106
229	Circulating MicroRNAs as potential biomarkers for alcoholic steatohepatitis. <i>Liver International</i> , 2013, 33, 1257-1265.	1.9	39
230	Intercellular Communication by Exosome-Derived microRNAs in Cancer. <i>International Journal of Molecular Sciences</i> , 2013, 14, 14240-14269.	1.8	419
231	Clinical impact of circulating miR-221 in plasma of patients with pancreatic cancer. <i>British Journal of Cancer</i> , 2013, 108, 361-369.	2.9	191
232	Clinical impact of circulating miR-18a in plasma of patients with oesophageal squamous cell carcinoma. <i>British Journal of Cancer</i> , 2013, 108, 1822-1829.	2.9	102
233	Intracellular and Extracellular MicroRNAs in Myocardial Angiogenesis. , 2013, , 163-186.		0
234	Diagnostic and biological significance of microRNA-192 in pancreatic ductal adenocarcinoma. <i>Oncology Reports</i> , 2013, 30, 276-284.	1.2	83
235	Therapeutic uses of exosomes. <i>Exosomes and Microvesicles</i> , 2013, , 1.	1.9	12
236	Trash or Treasure: extracellular microRNAs and cell-to-cell communication. <i>Frontiers in Genetics</i> , 2013, 4, 173.	1.1	144

#	ARTICLE	IF	CITATIONS
237	Circulating MicroRNAs as Biomarkers for Inflammatory Diseases. <i>MicroRNA (Sharīqah, United Arab)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	77
238	Circulating miRNAs: cellâ€cell communication function?. <i>Frontiers in Genetics</i> , 2013, 4, 119.	1.1	312
241	Circulating MicroRNAs and Aerobic Fitness â€ The HUNT-Study. <i>PLoS ONE</i> , 2013, 8, e57496.	1.1	128
242	Identification of Sensitive Serum microRNA Biomarkers for Radiation Biodosimetry. <i>PLoS ONE</i> , 2013, 8, e57603.	1.1	111
243	Profiling of Circulating MicroRNAs after a Bout of Acute Resistance Exercise in Humans. <i>PLoS ONE</i> , 2013, 8, e70823.	1.1	102
244	Profiling Circulating MicroRNA Expression in Experimental Sepsis Using Cecal Ligation and Puncture. <i>PLoS ONE</i> , 2013, 8, e77936.	1.1	55
245	Isolation of Secreted microRNAs (miRNAs) from Cell-conditioned Media. <i>MicroRNA (Sharīqah, United)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	12
246	The complexity, function and applications of RNA in circulation. <i>Frontiers in Genetics</i> , 2013, 4, 115.	1.1	43
247	Signaling Pathways in Exosomes Biogenesis, Secretion and Fate. <i>Genes</i> , 2013, 4, 152-170.	1.0	285
248	Role of MicroRNAs in Cardiovascular Calcification. , 0, , .		2
249	Functional importance of exosome in cancer development. <i>Drug Delivery System</i> , 2014, 29, 125-133.	0.0	0
250	Recurrence of Early Stage Colon Cancer Predicted by Expression Pattern of Circulating microRNAs. <i>PLoS ONE</i> , 2014, 9, e84686.	1.1	50
251	Determination of 14 Circulating microRNAs in Swedes and Iraqis with and without Diabetes Mellitus Type 2. <i>PLoS ONE</i> , 2014, 9, e86792.	1.1	104
252	Colonic miRNA Expression/Secretion, Regulated by Intestinal Epithelial PepT1, Plays an Important Role in Cell-to-Cell Communication during Colitis. <i>PLoS ONE</i> , 2014, 9, e87614.	1.1	27
253	miR-345 in Metastatic Colorectal Cancer: A Non-Invasive Biomarker for Clinical Outcome in Non-KRAS Mutant Patients Treated with 3rd Line Cetuximab and Irinotecan. <i>PLoS ONE</i> , 2014, 9, e99886.	1.1	68
254	Differentially Expressed Plasma MicroRNAs and the Potential Regulatory Function of Let-7b in Chronic Thromboembolic Pulmonary Hypertension. <i>PLoS ONE</i> , 2014, 9, e101055.	1.1	50
255	Differential Control of Interleukin-6 mRNA Levels by Cellular Distribution of YB-1. <i>PLoS ONE</i> , 2014, 9, e112754.	1.1	20
256	MicroRNA in Cervical Cancer: OncomiRs and Tumor Suppressor miRs in Diagnosis and Treatment. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	0.8	118



#	ARTICLE	IF	CITATIONS
257	Expression Profiling of Exosomal miRNAs Derived from Human Esophageal Cancer Cells by Solexa High-Throughput Sequencing. <i>International Journal of Molecular Sciences</i> , 2014, 15, 15530-15551.	1.8	74
258	Cardiac fibroblast-derived microRNA passenger strand-enriched exosomes mediate cardiomyocyte hypertrophy. <i>Journal of Clinical Investigation</i> , 2014, 124, 2136-2146.	3.9	803
259	Dark side of the exosome: the role of the exosome in cancer metastasis and targeting the exosome as a strategy for cancer therapy. <i>Future Oncology</i> , 2014, 10, 671-681.	1.1	48
260	Prostatic acid phosphatase is the main acid phosphatase with 5'-ectonucleotidase activity in the male mouse saliva and regulates salivation. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C1017-C1027.	2.1	14
261	miR-141 Is a Key Regulator of Renal Cell Carcinoma Proliferation and Metastasis by Controlling EphA2 Expression. <i>Clinical Cancer Research</i> , 2014, 20, 2617-2630.	3.2	145
262	Tiny transporters: how exosomes and calcineurin signaling regulate miR-23a levels during muscle atrophy. Focus on miR-23a is decreased during muscle atrophy by a mechanism that includes calcineurin signaling and exosome-mediated export. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C529-C530.	2.1	3
263	The expression of microRNA-375 in plasma and tissue is matched in human colorectal cancer. <i>BMC Cancer</i> , 2014, 14, 714.	1.1	67
264	MiR-21 is involved in radiation-induced bystander effects. <i>RNA Biology</i> , 2014, 11, 1161-1170.	1.5	66
265	microRNAs in the tumor microenvironment: solving the riddle for a better diagnostics. <i>Expert Review of Molecular Diagnostics</i> , 2014, 14, 565-574.	1.5	47
266	Myotube-derived exosomal miRNAs downregulate Sirtuin1 in myoblasts during muscle cell differentiation. <i>Cell Cycle</i> , 2014, 13, 78-89.	1.3	164
267	Trans-kingdom Cross-Talk: Small RNAs on the Move. <i>PLoS Genetics</i> , 2014, 10, e1004602.	1.5	142
268	Extracellular Disposal of Tumor-Suppressor miRs-145 and -34a via Microvesicles and 5-FU Resistance of Human Colon Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2014, 15, 1392-1401.	1.8	66
269	MicroRNAs Involved in the Lipid Metabolism and Their Possible Implications for Atherosclerosis Development and Treatment. <i>Mediators of Inflammation</i> , 2014, 2014, 1-14.	1.4	42
270	Detection of Circulating Parasite-Derived MicroRNAs in Filarial Infections. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2971.	1.3	86
271	Does regulation of skeletal muscle function involve circulating microRNAs?. <i>Frontiers in Physiology</i> , 2014, 5, 39.	1.3	69
272	The Impact of Extracellular Vesicle-Encapsulated Circulating MicroRNAs in Lung Cancer Research. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	54
273	Application of MicroRNA in Diagnosis and Treatment of Ovarian Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-6.	0.9	60
274	Molecular Pathways: microRNAs, Cancer Cells, and Microenvironment. <i>Clinical Cancer Research</i> , 2014, 20, 6247-6253.	3.2	99



#	ARTICLE	IF	CITATIONS
275	Lung Injury and Lung Cancer Caused by Cigarette Smoke-Induced Oxidative Stress: Molecular Mechanisms and Therapeutic Opportunities Involving the Ceramide-Generating Machinery and Epidermal Growth Factor Receptor. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 2149-2174.	2.5	83
276	Cell-free microRNAs as cancer biomarkers: the odyssey of miRNAs through body fluids. <i>Medical Oncology</i> , 2014, 31, 295.	1.2	43
277	Circulating miR-21, miR-146a and Fas ligand respond to postmenopausal estrogen-based hormone replacement therapy – A study with monozygotic twin pairs. <i>Mechanisms of Ageing and Development</i> , 2014, 143-144, 1-8.	2.2	45
278	Circulating microRNAs in cardiovascular diseases: from biomarkers to therapeutic targets. <i>Frontiers of Medicine</i> , 2014, 8, 404-418.	1.5	34
279	The Role of MicroRNAs in Human Diseases. <i>Methods in Molecular Biology</i> , 2014, 1107, 33-50.	0.4	189
280	Exosome-mediated transfer of miR-10b promotes cell invasion in breast cancer. <i>Molecular Cancer</i> , 2014, 13, 256.	7.9	330
281	Detection and quantification of extracellular microRNAs in murine biofluids. <i>Biological Procedures Online</i> , 2014, 16, 5.	1.4	37
282	Novel functional small RNAs are selectively loaded onto mammalian Ago1. <i>Nucleic Acids Research</i> , 2014, 42, 5289-5301.	6.5	19
283	Measurement of Intercellular Transfer to Signaling Endosomes. <i>Methods in Enzymology</i> , 2014, 534, 207-221.	0.4	2
284	Argonaute 2 Promotes miR-18a Entry in Human Brain Endothelial Cells. <i>Journal of the American Heart Association</i> , 2014, 3, e000968.	1.6	26
285	Differential Response to Abiraterone Acetate and Di-n-butyl Phthalate in an Androgen-Sensitive Human Fetal Testis Xenograft Bioassay. <i>Toxicological Sciences</i> , 2014, 138, 148-160.	1.4	44
286	New considerations in the preparation of nucleic acid-loaded extracellular vesicles. <i>Therapeutic Delivery</i> , 2014, 5, 105-107.	1.2	23
287	MicroRNA and Drug Delivery. , 2014, , 359-403.		0
288	Saliva Diagnostics: Utilizing Oral Fluids to Determine Health Status. <i>Monographs in Oral Science</i> , 2014, 24, 88-98.	0.9	92
289	Translating the molecular analysis of cancer biology into therapeutic concepts. <i>Cancer Biomarkers</i> , 2014, 14, 87-91.	0.8	0
290	Effects of Mesenchymal Stromal Cell-Derived Extracellular Vesicles on Tumor Growth. <i>Frontiers in Immunology</i> , 2014, 5, 382.	2.2	55
291	Cell activation and HIV-1 replication in unstimulated CD4+T lymphocytes ingesting exosomes from cells expressing defective HIV-1. <i>Retrovirology</i> , 2014, 11, 46.	0.9	52
292	Exosomes from IL-1 $\beta$ stimulated synovial fibroblasts induce osteoarthritic changes in articular chondrocytes. <i>Arthritis Research and Therapy</i> , 2014, 16, R163.	1.6	218

#	ARTICLE	IF	CITATIONS
293	Post-transcriptional gene regulation by HuR and microRNAs in angiogenesis. <i>Current Opinion in Hematology</i> , 2014, 21, 235-240.	1.2	35
294	Serum microRNA levels correlate with disease progression in patients with chronic hepatitis B virus infection. <i>Journal of Digestive Diseases</i> , 2014, 15, 614-621.	0.7	35
295	Exosome-formed synthetic microRNA-143 is transferred to osteosarcoma cells and inhibits their migration. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 381-387.	1.0	213
296	MicroRNA: key gene expression regulators. <i>Fertility and Sterility</i> , 2014, 101, 1516-1523.	0.5	123
297	Outsmart tumor exosomes to steal the cancer initiating cell its niche. <i>Seminars in Cancer Biology</i> , 2014, 28, 39-50.	4.3	55
298	Small molecule with big role: MicroRNAs in cancer metastatic microenvironments. <i>Cancer Letters</i> , 2014, 344, 147-156.	3.2	39
299	Circulating microRNA Testing for the Early Diagnosis and Follow-up of Colorectal Cancer Patients. <i>Molecular Diagnosis and Therapy</i> , 2014, 18, 303-308.	1.6	34
300	A paradigm shift for extracellular vesicles as small RNA carriers: from cellular waste elimination to therapeutic applications. <i>Drug Delivery and Translational Research</i> , 2014, 4, 31-37.	3.0	39
301	Emerging concepts on the role of exosomes in lipid metabolic diseases. <i>Biochimie</i> , 2014, 96, 67-74.	1.3	62
302	Extracellular vesicles: emerging targets for cancer therapy. <i>Trends in Molecular Medicine</i> , 2014, 20, 385-393.	3.5	349
303	MiRNA in melanoma-derived exosomes. <i>Cancer Letters</i> , 2014, 347, 29-37.	3.2	94
304	Epigenetic regulation of connective tissue growth factor by MicroRNA-214 delivery in exosomes from mouse or human hepatic stellate cells. <i>Hepatology</i> , 2014, 59, 1118-1129.	3.6	224
305	Blood microRNA profile associates with the levels of serum lipids and metabolites associated with glucose metabolism and insulin resistance and pinpoints pathways underlying metabolic syndrome. <i>Molecular and Cellular Endocrinology</i> , 2014, 391, 41-49.	1.6	65
306	MicroRNAs as biomarkers of graft outcome. <i>Transplantation Reviews</i> , 2014, 28, 111-118.	1.2	29
307	Cardiomyocytes mediate anti-angiogenesis in type 2 diabetic rats through the exosomal transfer of miR-320 into endothelial cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 74, 139-150.	0.9	357
308	Exosomes as Critical Agents of Cardiac Regeneration Triggered by Cell Therapy. <i>Stem Cell Reports</i> , 2014, 2, 606-619.	2.3	705
309	Traffic into silence: endomembranes and post-transcriptional RNA silencing. <i>EMBO Journal</i> , 2014, 33, 968-980.	3.5	69
310	The role of extracellular vesicles in the progression of neurodegenerative disease and cancer. <i>Trends in Molecular Medicine</i> , 2014, 20, 368-374.	3.5	91

#	ARTICLE	IF	CITATIONS
311	Diagnosis, Prognosis and Therapeutic Role of Circulating miRNAs in Cardiovascular Diseases. <i>Heart Lung and Circulation</i> , 2014, 23, 503-510.	0.2	114
312	Predictive value of miR-9 as a potential biomarker for nasopharyngeal carcinoma metastasis. <i>British Journal of Cancer</i> , 2014, 110, 392-398.	2.9	57
313	Exosomes as new vesicular lipid transporters involved in cell-cell communication and various pathophysiological processes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 108-120.	1.2	649
314	The roles of extracellular vesicles in cancer biology: Toward the development of novel cancer biomarkers. <i>Proteomics</i> , 2014, 14, 412-425.	1.3	134
315	Tumor exosomes induce tunneling nanotubes in lipid raft-enriched regions of human mesothelioma cells. <i>Experimental Cell Research</i> , 2014, 323, 178-188.	1.2	88
316	Physiological and pathological relevance of secretory microRNAs and a perspective on their clinical application. <i>Biological Chemistry</i> , 2014, 395, 365-373.	1.2	11
317	Theranostic nanomaterials for image-guided gene therapy. <i>MRS Bulletin</i> , 2014, 39, 44-50.	1.7	4
318	Microvesicles as mediators of tissue regeneration. <i>Translational Research</i> , 2014, 163, 286-295.	2.2	73
319	microRNA profiling in patients with abdominal aortic aneurysms: the significance of miR-155. <i>Clinical Science</i> , 2014, 126, 795-803.	1.8	55
320	TNF- $\alpha$ alters the release and transfer of microparticle-encapsulated miRNAs from endothelial cells. <i>Physiological Genomics</i> , 2014, 46, 833-840.	1.0	62
321	Extracellular vesicles from MDA-MB-231 breast cancer cells stimulated with linoleic acid promote an EMT-like process in MCF10A cells. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014, 91, 299-310.	1.0	51
322	Regulation of exosome release by glycosphingolipids and flotillins. <i>FEBS Journal</i> , 2014, 281, 2214-2227.	2.2	157
323	Noninvasive Micromarkers. <i>Clinical Chemistry</i> , 2014, 60, 1158-1173.	1.5	36
324	Endogenous RNAs Modulate MicroRNA Sorting to Exosomes and Transfer to Acceptor Cells. <i>Cell Reports</i> , 2014, 8, 1432-1446.	2.9	504
325	Circulating miRNAs in Ageing and Ageing-Related Diseases. <i>Journal of Genetics and Genomics</i> , 2014, 41, 465-472.	1.7	91
326	MicroRNA-Containing T-Regulatory-Cell-Derived Exosomes Suppress Pathogenic T Helper 1 Cells. <i>Immunity</i> , 2014, 41, 89-103.	6.6	456
327	Quantitative and stoichiometric analysis of the microRNA content of exosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14888-14893.	3.3	880
328	Rapid upregulation and clearance of distinct circulating microRNAs after prolonged aerobic exercise. <i>Journal of Applied Physiology</i> , 2014, 116, 522-531.	1.2	166

#	ARTICLE	IF	CITATIONS
329	Diagnostic and Prognostic Potential of Extracellular Vesicles in Peripheral Blood. <i>Clinical Therapeutics</i> , 2014, 36, 830-846.	1.1	219
330	Insulin-like growth factor-1 prevents miR-122 production in neighbouring cells to curtail its intercellular transfer to ensure proliferation of human hepatoma cells. <i>Nucleic Acids Research</i> , 2014, 42, 7170-7185.	6.5	79
331	Mesenchymal Stem Cells Deliver Exogenous miRNAs to Neural Cells and Induce Their Differentiation and Glutamate Transporter Expression. <i>Stem Cells and Development</i> , 2014, 23, 2851-2861.	1.1	109
332	Cellular Disposal of miR23b by RAB27-Dependent Exosome Release Is Linked to Acquisition of Metastatic Properties. <i>Cancer Research</i> , 2014, 74, 5758-5771.	0.4	237
333	Plasma microRNA profiles: identification of miR-25 as a novel diagnostic and monitoring biomarker in oesophageal squamous cell carcinoma. <i>British Journal of Cancer</i> , 2014, 111, 1614-1624.	2.9	87
334	OncomiR detection in circulating body fluids: a PDMS microdevice perspective. <i>Lab on A Chip</i> , 2014, 14, 4067-4075.	3.1	24
335	An Argonaute 2 switch regulates circulating miR-210 to coordinate hypoxic adaptation across cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2528-2542.	1.9	48
336	Diet-Derived MicroRNAs: Separating the Dream from Reality. <i>MicroRNA Diagnostics and Therapeutics</i> , 2014, 1, .	0.0	6
337	Extracellular vesicles as drug delivery systems: Lessons from the liposome field. <i>Journal of Controlled Release</i> , 2014, 195, 72-85.	4.8	372
338	Additional stories of microRNAs. <i>Experimental Biology and Medicine</i> , 2014, 239, 1275-1279.	1.1	22
339	Exosomes from Human Immunodeficiency Virus Type 1 (HIV-1)-Infected Cells License Quiescent CD4 <sup>+</sup> T Lymphocytes To Replicate HIV-1 through a Nef- and ADAM17-Dependent Mechanism. <i>Journal of Virology</i> , 2014, 88, 11529-11539.	1.5	140
340	Urinary cell-free microRNA-106b as a novel biomarker for detection of bladder cancer. <i>Medical Oncology</i> , 2014, 31, 197.	1.2	34
341	Recent Advances in Understanding of NASH: MicroRNAs as Both Biochemical Markers and Players. <i>Current Pathobiology Reports</i> , 2014, 2, 109-116.	1.6	21
342	Circulating micrornas as potential biomarkers of aerobic exercise capacity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H557-H563.	1.5	195
343	Biogenesis, Secretion, and Intercellular Interactions of Exosomes and Other Extracellular Vesicles. <i>Annual Review of Cell and Developmental Biology</i> , 2014, 30, 255-289.	4.0	4,576
344	The origin, function, and diagnostic potential of extracellular microRNAs in human body fluids. <i>Wiley Interdisciplinary Reviews RNA</i> , 2014, 5, 285-300.	3.2	68
345	A comprehensive overview of exosomes as drug delivery vehicles – Endogenous nanocarriers for targeted cancer therapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1846, 75-87.	3.3	430
346	Nucleic acid-based biomarkers in body fluids of patients with urologic malignancies. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2014, 51, 200-231.	2.7	66

#	ARTICLE	IF	CITATIONS
347	HDL-transferred microRNA-223 regulates ICAM-1 expression in endothelial cells. <i>Nature Communications</i> , 2014, 5, 3292.	5.8	343
348	Exosomal miRNAs as potential biomarkers of cardiovascular risk in children. <i>Journal of Translational Medicine</i> , 2014, 12, 162.	1.8	102
349	The emerging role of circulating microRNAs as biomarkers in autoimmune diseases. <i>Autoimmunity</i> , 2014, 47, 419-429.	1.2	61
350	Hepatitis E virus egress depends on the exosomal pathway, with secretory exosomes derived from multivesicular bodies. <i>Journal of General Virology</i> , 2014, 95, 2166-2175.	1.3	163
351	MicroRNA binding to the HIV-1 Gag protein inhibits Gag assembly and virus production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2676-83.	3.3	66
352	Distribution Profiling of Circulating MicroRNAs in Serum. <i>Analytical Chemistry</i> , 2014, 86, 9343-9349.	3.2	54
353	Low-dose cytokine-induced neutral ceramidase secretion from INS <sup>1</sup> cells via exosomes and its anti-apoptotic effect. <i>FEBS Journal</i> , 2014, 281, 2861-2870.	2.2	32
354	Biogenesis and secretion of exosomes. <i>Current Opinion in Cell Biology</i> , 2014, 29, 116-125.	2.6	1,389
355	Role of miRNAs in bone and their potential as therapeutic targets. <i>Current Opinion in Pharmacology</i> , 2014, 16, 133-141.	1.7	46
356	Exosomes mediate intercellular transfer of pro-fibrogenic connective tissue growth factor (CCN2) between hepatic stellate cells, the principal fibrotic cells in the liver. <i>Surgery</i> , 2014, 156, 548-555.	1.0	111
357	MicroRNAs function as cis- and trans-acting modulators of peripheral circadian clocks. <i>FEBS Letters</i> , 2014, 588, 3015-3022.	1.3	16
358	MicroRNAs. <i>Veterinary Pathology</i> , 2014, 51, 759-774.	0.8	424
359	Intercellular Communication by Extracellular Vesicles and Their MicroRNAs in Asthma. <i>Clinical Therapeutics</i> , 2014, 36, 873-881.	1.1	75
360	MicroRNAs Related to Polycystic Ovary Syndrome (PCOS). <i>Genes</i> , 2014, 5, 684-708.	1.0	124
361	The Development of Stem Cell-Derived Exosomes as a Cell-Free Regenerative Medicine. <i>Journal of Circulating Biomarkers</i> , 2014, 3, 2.	0.8	56
362	Cavin <sup>1</sup> /PTRF alters prostate cancer cell-derived extracellular vesicle content and internalization to attenuate extracellular vesicle-mediated osteoclastogenesis and osteoblast proliferation. <i>Journal of Extracellular Vesicles</i> , 2014, 3, .	5.5	86
364	Upregulation of miR-194 contributes to tumor growth and progression in pancreatic ductal adenocarcinoma. <i>Oncology Reports</i> , 2014, 31, 1157-1164.	1.2	70
365	Circulating miR-483-3p and miR-21 is highly expressed in plasma of pancreatic cancer. <i>International Journal of Oncology</i> , 2015, 46, 539-547.	1.4	161

#	ARTICLE	IF	CITATIONS
366	Movement of regulatory <sc>RNA</sc> between animal cells. <i>Genesis</i> , 2015, 53, 395-416.	0.8	47
367	Pancreatic cancer-associated secreted miR-155 implicates in the conversion from normal fibroblasts to cancer-associated fibroblasts. <i>Cancer Science</i> , 2015, 106, 1362-1369.	1.7	140
368	Biogenesis, delivery, and function of extracellular RNA. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27494.	5.5	80
369	Peripheral blood microRNA-15a is a potential biomarker for type 2 diabetes mellitus and pre-diabetes. <i>Molecular Medicine Reports</i> , 2015, 12, 7485-7490.	1.1	66
370	Applying extracellular vesicles based therapeutics in clinical trials – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 30087.	5.5	1,020
371	TNF- $\alpha$ -Induced microRNAs Control Dystrophin Expression in Becker Muscular Dystrophy. <i>Cell Reports</i> , 2015, 12, 1678-1690.	2.9	62
372	Weight-reduction through a low-fat diet causes differential expression of circulating microRNAs in obese C57BL/6 mice. <i>BMC Genomics</i> , 2015, 16, 699.	1.2	42
373	Hair shaft miRNA-21 levels as a new tumor marker of malignant melanoma. <i>Journal of Dermatology</i> , 2015, 42, 198-201.	0.6	7
374	Latent HIV-1 is activated by exosomes from cells infected with either replication-competent or defective HIV-1. <i>Retrovirology</i> , 2015, 12, 87.	0.9	77
375	Controlled ovarian hyperstimulation induced changes in the expression of circulatory miRNA in bovine follicular fluid and blood plasma. <i>Journal of Ovarian Research</i> , 2015, 8, 81.	1.3	55
376	Secretion of small/microRNAs including miR-638 into extracellular spaces by sphingomyelin phosphodiesterase 3. <i>Oncology Reports</i> , 2015, 33, 67-73.	1.2	28
377	Syntenin and syndecan in the biogenesis of exosomes. <i>Biology of the Cell</i> , 2015, 107, 331-341.	0.7	166
378	Tracking miRNAs' footprints in tumor-microenvironment interactions: Insights and implications for targeted cancer therapy. <i>Genes Chromosomes and Cancer</i> , 2015, 54, 335-352.	1.5	17
379	Adipose tissue-secreted miR-27a promotes liver cancer by targeting FOXO1 in obese individuals. <i>OncoTargets and Therapy</i> , 2015, 8, 735.	1.0	37
380	Circulating RNAs as new biomarkers for detecting pancreatic cancer. <i>World Journal of Gastroenterology</i> , 2015, 21, 8527.	1.4	126
381	Tumor-derived exosomes in cancer progression and treatment failure. <i>Oncotarget</i> , 2015, 6, 37151-37168.	0.8	187
382	Extracellular microRNAs as Biomarkers in Human Disease. <i>Chonnam Medical Journal</i> , 2015, 51, 51.	0.5	69
383	Circulating DNA and Micro-RNA in Patients with Pancreatic Cancer. <i>Pancreatic Disorders &amp; Therapy</i> , 2015, 05, .	0.3	14

#	ARTICLE	IF	CITATIONS
384	KRAS-dependent sorting of miRNA to exosomes. <i>ELife</i> , 2015, 4, e07197.	2.8	296
385	Tumor-Associated CSF MicroRNAs for the Prediction and Evaluation of CNS Malignancies. <i>International Journal of Molecular Sciences</i> , 2015, 16, 29103-29119.	1.8	32
386	Bioinformatic Interrogation of 5p-arm and 3p-arm Specific miRNA Expression Using TCGA Datasets. <i>Journal of Clinical Medicine</i> , 2015, 4, 1798-1814.	1.0	19
387	Check and mate to exosomal extracellular miRNA: new lesson from a new approach. <i>Frontiers in Molecular Biosciences</i> , 2015, 2, 11.	1.6	44
388	Neuroinflammation and Depression: Microglia Activation, Extracellular Microvesicles and microRNA Dysregulation. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 476.	1.8	430
389	Muscle Releases Alpha-Sarcoglycan Positive Extracellular Vesicles Carrying miRNAs in the Bloodstream. <i>PLoS ONE</i> , 2015, 10, e0125094.	1.1	153
390	Human Salivary Micro-RNA in Patients with Parotid Salivary Gland Neoplasms. <i>PLoS ONE</i> , 2015, 10, e0142264.	1.1	15
391	Exosomes: A Role for Naturally Occurring Nanovesicles in Cancer Growth, Diagnosis and Treatment. <i>Current Gene Therapy</i> , 2015, 15, 182-192.	0.9	81
392	MicroRNAs and Osteolytic Bone Metastasis: The Roles of MicroRNAs in Tumor-Induced Osteoclast Differentiation. <i>Journal of Clinical Medicine</i> , 2015, 4, 1741-1752.	1.0	35
393	Antibody-Based Assays for Phenotyping of Extracellular Vesicles. <i>BioMed Research International</i> , 2015, 2015, 1-15.	0.9	23
394	The Role of Extracellular Vesicles: An Epigenetic View of the Cancer Microenvironment. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	67
395	MicroRNAs: Novel Players in the Dialogue between Pancreatic Islets and Immune System in Autoimmune Diabetes. <i>BioMed Research International</i> , 2015, 2015, 1-11.	0.9	50
396	A New Paradigm in Cardiac Regeneration: The Mesenchymal Stem Cell Secretome. <i>Stem Cells International</i> , 2015, 2015, 1-10.	1.2	113
397	Utility of Circulating MicroRNAs as Clinical Biomarkers for Cardiovascular Diseases. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	72
398	microRNAs with different functions and roles in disease development and as potential biomarkers of diabetes: progress and challenges. <i>Molecular BioSystems</i> , 2015, 11, 1217-1234.	2.9	33
399	Exosomal microRNA in serum is a novel biomarker of recurrence in human colorectal cancer. <i>British Journal of Cancer</i> , 2015, 113, 275-281.	2.9	416
400	MicroRNA-mediated immune modulation as a therapeutic strategy in host-implant integration. <i>Advanced Drug Delivery Reviews</i> , 2015, 88, 92-107.	6.6	17
401	miR-27 is associated with chemoresistance in esophageal cancer through transformation of normal fibroblasts to cancer-associated fibroblasts. <i>Carcinogenesis</i> , 2015, 36, 894-903.	1.3	120



#	ARTICLE	IF	CITATIONS
402	Frontier impact of microRNAs in skeletal muscle research: a future perspective. <i>Frontiers in Physiology</i> , 2014, 5, 495.	1.3	19
403	Exosome-mediated microRNA signaling from breast cancer cells is altered by the anti-angiogenesis agent docosahexaenoic acid (DHA). <i>Molecular Cancer</i> , 2015, 14, 133.	7.9	182
404	Glutaminase-containing microvesicles from HIV-1-infected macrophages and immune-activated microglia induce neurotoxicity. <i>Molecular Neurodegeneration</i> , 2015, 10, 61.	4.4	39
405	Extracellular microRNAs in Membrane Vesicles and Non-vesicular Carriers. <i>Exs</i> , 2015, 106, 31-53.	1.4	7
406	Commitment of Annexin A2 in recruitment of microRNAs into extracellular vesicles. <i>FEBS Letters</i> , 2015, 589, 4071-4078.	1.3	72
407	Circulating microRNA-144-5p is associated with depressive disorders. <i>Clinical Epigenetics</i> , 2015, 7, 69.	1.8	84
408	A discussion on adult mesenchymal stem cells for drug delivery: pros and cons. <i>Therapeutic Delivery</i> , 2015, 6, 1335-1346.	1.2	11
409	Acellular approaches for regenerative medicine: on the verge of clinical trials with extracellular membrane vesicles?. <i>Stem Cell Research and Therapy</i> , 2015, 6, 227.	2.4	50
410	The biology of circulating microRNA in cardiovascular disease. <i>European Journal of Clinical Investigation</i> , 2015, 45, 860-874.	1.7	69
411	Role of CXC Chemokines in Liver Repair and Regeneration. , 2015, , 113-123.		0
412	Molecular signatures of mesenchymal stem cell-derived extracellular vesicle-mediated tissue repair. <i>Stem Cell Research and Therapy</i> , 2015, 6, 212.	2.4	89
413	Exosome and its roles in cardiovascular diseases. <i>Heart Failure Reviews</i> , 2015, 20, 337-348.	1.7	38
414	Circulating microRNA as a diagnostic marker in populations with type 2 diabetes mellitus and diabetic complications. <i>Journal of the Chinese Medical Association</i> , 2015, 78, 204-211.	0.6	43
415	The Neutral Sphingomyelinase Pathway Regulates Packaging of the Prion Protein into Exosomes. <i>Journal of Biological Chemistry</i> , 2015, 290, 3455-3467.	1.6	192
416	Interactions between cancer cells and normal cells via miRNAs in extracellular vesicles. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1849-1861.	2.4	42
417	Identification of microRNA biomarkers in type 2 diabetes: a meta-analysis of controlled profiling studies. <i>Diabetologia</i> , 2015, 58, 900-911.	2.9	217
418	Global correlation analysis for microRNA and gene expression profiles in human obesity. <i>Pathology Research and Practice</i> , 2015, 211, 361-368.	1.0	28
419	Roles and regulation of neutral sphingomyelinase-2 in cellular and pathological processes. <i>Advances in Biological Regulation</i> , 2015, 57, 24-41.	1.4	170



#	ARTICLE	IF	CITATIONS
420	Potential microRNA-mediated oncogenic intercellular communication revealed by pan-cancer analysis. <i>Scientific Reports</i> , 2015, 4, 7097.	1.6	26
421	Circulating microRNA predicts insensitivity to glucocorticoid therapy in Graves's ophthalmopathy. <i>Endocrine</i> , 2015, 49, 445-456.	1.1	31
422	Effective detection and quantification of dietetically absorbed plant microRNAs in human plasma. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 505-512.	1.9	137
423	Exosome and Exosomal MicroRNA: Trafficking, Sorting, and Function. <i>Genomics, Proteomics and Bioinformatics</i> , 2015, 13, 17-24.	3.0	1,466
424	The secretome of mesenchymal stromal cells: Role of extracellular vesicles in immunomodulation. <i>Immunology Letters</i> , 2015, 168, 154-158.	1.1	128
425	Circulating microRNAs: novel biomarkers for early detection of colorectal cancer. <i>Translational Research</i> , 2015, 166, 219-224.	2.2	9
426	Detection and Assessment of MicroRNA Expression in Human Disease. <i>RNA Technologies</i> , 2015, , 333-349.	0.2	0
427	Tissue engineering and microRNAs: future perspectives in regenerative medicine. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 1601-1622.	1.4	25
428	Circulating miRNAs as intercellular messengers, potential biomarkers and therapeutic targets for Type 2 diabetes. <i>Epigenomics</i> , 2015, 7, 653-667.	1.0	30
429	IL6 Mediates Immune and Colorectal Cancer Cell Cross-talk via miR-21 and miR-29b. <i>Molecular Cancer Research</i> , 2015, 13, 1502-1508.	1.5	50
430	Biodistribution and function of extracellular miRNA-155 in mice. <i>Scientific Reports</i> , 2015, 5, 10721.	1.6	115
431	Exosome mediated communication within the tumor microenvironment. <i>Journal of Controlled Release</i> , 2015, 219, 278-294.	4.8	576
432	Recent advances of microRNA-based molecular diagnostics to reduce false-positive lung cancer imaging. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 801-813.	1.5	32
433	Diagnostic value of a plasma microRNA signature in gastric cancer: a microRNA expression analysis. <i>Scientific Reports</i> , 2015, 5, 11251.	1.6	114
434	Dysregulated miR-103 and miR-143 expression in peripheral blood mononuclear cells from induced prediabetes and type 2 diabetes rats. <i>Gene</i> , 2015, 572, 95-100.	1.0	35
436	Exosome-delivered microRNAs modulate the inflammatory response to endotoxin. <i>Nature Communications</i> , 2015, 6, 7321.	5.8	601
437	Circulating microRNAs: emerging biomarkers for diagnosis and prognosis in patients with gastrointestinal cancers. <i>Clinical Science</i> , 2015, 128, 1-15.	1.8	43
438	Polycystic Ovary Syndrome-Epigenetic Mechanisms and Aberrant MicroRNA. <i>Advances in Clinical Chemistry</i> , 2015, 71, 25-45.	1.8	61

#	ARTICLE	IF	CITATIONS
439	Regulatory networks between neurotrophins and miRNAs in brain diseases and cancers. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 149-157.	2.8	51
440	Papillary thyroid cancer-derived exosomes contain miRNA-146b and miRNA-222. <i>Journal of Surgical Research</i> , 2015, 196, 39-48.	0.8	63
441	Horizontal transfer of exosomal microRNAs transduce apoptotic signals between pancreatic beta-cells. <i>Cell Communication and Signaling</i> , 2015, 13, 17.	2.7	122
442	Signaling by exosomal microRNAs in cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2015, 34, 32.	3.5	122
443	Therapeutic potential of miRNAs in diabetes mellitus. <i>Expert Review of Endocrinology and Metabolism</i> , 2015, 10, 285-296.	1.2	1
444	Exosome-Mediated Transfer of microRNAs Within the Tumor Microenvironment and Neuroblastoma Resistance to Chemotherapy. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	3.0	298
445	Polysome arrest restricts miRNA turnover by preventing exosomal export of miRNA in growth-retarded mammalian cells. <i>Molecular Biology of the Cell</i> , 2015, 26, 1072-1083.	0.9	41
446	The Great Escape; the Hallmarks of Resistance to Antiangiogenic Therapy. <i>Pharmacological Reviews</i> , 2015, 67, 441-461.	7.1	190
447	Mechanisms of RNA loading into exosomes. <i>FEBS Letters</i> , 2015, 589, 1391-1398.	1.3	325
448	Extracellular vesicle-mediated export of fungal RNA. <i>Scientific Reports</i> , 2015, 5, 7763.	1.6	185
449	Determining the role of microRNAs in psychiatric disorders. <i>Nature Reviews Neuroscience</i> , 2015, 16, 201-212.	4.9	296
450	Mesenchymal stem cell-derived exosomes accelerate skeletal muscle regeneration. <i>FEBS Letters</i> , 2015, 589, 1257-1265.	1.3	420
451	Plasma microRNA-586 is a new biomarker for acute graft-versus-host disease. <i>Annals of Hematology</i> , 2015, 94, 1505-1514.	0.8	21
452	MicroRNA profiling in migraine without aura: Pilot study. <i>Annals of Medicine</i> , 2015, 47, 468-473.	1.5	59
453	Suppression of fibrogenic signaling in hepatic stellate cells by Twist1-dependent microRNA-214 expression: Role of exosomes in horizontal transfer of Twist1. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G491-G499.	1.6	119
454	Circulating microRNAs. <i>Biochemistry (Moscow)</i> , 2015, 80, 1117-1126.	0.7	32
455	Role of extracellular RNA-carrying vesicles in cell differentiation and reprogramming. <i>Stem Cell Research and Therapy</i> , 2015, 6, 153.	2.4	164
456	MicroRNA-423-5p Promotes Autophagy in Cancer Cells and Is Increased in Serum From Hepatocarcinoma Patients Treated With Sorafenib. <i>Molecular Therapy - Nucleic Acids</i> , 2015, 4, e233.	2.3	122

#	ARTICLE	IF	CITATIONS
457	A critical role of cardiac fibroblast-derived exosomes in activating renin angiotensin system in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 89, 268-279.	0.9	161
458	Towards the realization of clinical extracellular vesicle diagnostics: challenges and opportunities. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 1555-1566.	1.5	12
459	Exosome-mediated microRNA transfer plays a role in radiation-induced bystander effect. <i>RNA Biology</i> , 2015, 12, 1355-1363.	1.5	129
460	Extracellular vesicles in lung microenvironment and pathogenesis. <i>Trends in Molecular Medicine</i> , 2015, 21, 533-542.	3.5	149
461	Current State of Circulating MicroRNAs as Cancer Biomarkers. <i>Clinical Chemistry</i> , 2015, 61, 1138-1155.	1.5	203
462	Exercise, Skeletal Muscle and Circulating microRNAs. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 135, 471-496.	0.9	38
463	Extracellular microRNAs in bronchoalveolar lavage samples from patients with lung diseases as predictors for lung cancer. <i>Clinica Chimica Acta</i> , 2015, 450, 78-82.	0.5	17
464	miRNA therapy targeting cancer stem cells: a new paradigm for cancer treatment and prevention of tumor recurrence. <i>Therapeutic Delivery</i> , 2015, 6, 323-337.	1.2	47
465	Blockade of exosome generation with GW4869 dampens the sepsis-induced inflammation and cardiac dysfunction. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2362-2371.	1.8	307
466	MicroRNAs in ovarian function and disorders. <i>Journal of Ovarian Research</i> , 2015, 8, 51.	1.3	111
467	Circulating microRNAs as Hormones: Intercellular and Inter-organ Conveyors of Epigenetic Information?. <i>Exs</i> , 2015, 106, 255-267.	1.4	3
468	MicroRNA-specific regulatory mechanisms in atherosclerosis. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 89, 35-41.	0.9	58
469	Virion-Independent Transfer of Replication-Competent Hepatitis C Virus RNA between Permissive Cells. <i>Journal of Virology</i> , 2015, 89, 2956-2961.	1.5	100
470	Extracellular vesicles and their synthetic analogues in aging and age-associated brain diseases. <i>Biogerontology</i> , 2015, 16, 147-185.	2.0	57
471	Usefulness of circulating microRNAs for the prediction of early preeclampsia at first-trimester of pregnancy. <i>Scientific Reports</i> , 2014, 4, 4882.	1.6	79
472	Circulating miR-18a in plasma contributes to cancer detection and monitoring in patients with gastric cancer. <i>Gastric Cancer</i> , 2015, 18, 271-279.	2.7	81
473	Exosomes – Structure, Biogenesis and Biological Role in Non-small Cell Lung Cancer. <i>Scandinavian Journal of Immunology</i> , 2015, 81, 2-10.	1.3	160
474	Exosomes in diagnostic and therapeutic applications: biomarker, vaccine and RNA interference delivery vehicle. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 103-117.	1.4	108

#	ARTICLE	IF	CITATIONS
475	MicroRNA regulons in tumor microenvironment. <i>Oncogene</i> , 2015, 34, 3085-3094.	2.6	164
476	Circulating miRNAs: Roles in cancer diagnosis, prognosis and therapy. <i>Advanced Drug Delivery Reviews</i> , 2015, 81, 75-93.	6.6	279
477	Exosomal miR-21 derived from arsenite-transformed human bronchial epithelial cells promotes cell proliferation associated with arsenite carcinogenesis. <i>Archives of Toxicology</i> , 2015, 89, 1071-1082.	1.9	53
478	Microvesicles as Mediators of Tissue Regeneration. , 2016, , 215-224.		1
479	Gap junction-mediated transfer of miR-145-5p from microvascular endothelial cells to colon cancer cells inhibits angiogenesis. <i>Oncotarget</i> , 2016, 7, 28160-28168.	0.8	66
480	Therapeutics of Epigenetic-Based RNA Molecules. , 2016, , 731-745.		0
481	Vascular Pathobiology. , 2016, , 85-124.		9
482	Extracellular vesicle cross-talk in the bone marrow microenvironment: implications in multiple myeloma. <i>Oncotarget</i> , 2016, 7, 38927-38945.	0.8	53
484	Extracellular Vesicles in Molecular Diagnostics. <i>Advances in Clinical Chemistry</i> , 2016, 76, 37-53.	1.8	15
485	Expression of miRNA-122 Induced by Liver Toxicants in Zebrafish. <i>BioMed Research International</i> , 2016, 2016, 1-7.	0.9	18
486	Circulating MicroRNAs as Potential Molecular Biomarkers in Pathophysiological Evolution of Pregnancy. <i>Disease Markers</i> , 2016, 2016, 1-7.	0.6	34
487	Concomitant Evaluation of a Panel of Exosome Proteins and MiRs for Qualification of Cultured Human Corneal Endothelial Cells. , 2016, 57, 4393.		20
488	Exosomes: The Messengers of Health and Disease. <i>Current Neuropharmacology</i> , 2017, 15, 157-165.	1.4	160
489	Versatile roles of extracellular vesicles in cancer. <i>Journal of Clinical Investigation</i> , 2016, 126, 1163-1172.	3.9	261
490	Biogenesis and Function of T Cell-Derived Exosomes. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 84.	1.8	86
491	Y-box protein 1 is required to sort microRNAs into exosomes in cells and in a cell-free reaction. <i>ELife</i> , 2016, 5, .	2.8	476
492	microRNAs as Potential Biomarkers in Adrenocortical Cancer: Progress and Challenges. <i>Frontiers in Endocrinology</i> , 2015, 6, 195.	1.5	38
493	Sensing of Porcine Reproductive and Respiratory Syndrome Virus-Infected Macrophages by Plasmacytoid Dendritic Cells. <i>Frontiers in Microbiology</i> , 2016, 7, 771.	1.5	28

#	ARTICLE	IF	CITATIONS
494	Circulating MicroRNAs as Biomarkers for Sepsis. International Journal of Molecular Sciences, 2016, 17, 78.	1.8	212
495	Focus on Extracellular Vesicles: New Frontiers of Cell-to-Cell Communication in Cancer. International Journal of Molecular Sciences, 2016, 17, 175.	1.8	255
496	Circulating Organ-Specific MicroRNAs Serve as Biomarkers in Organ-Specific Diseases: Implications for Organ Allo- and Xeno-Transplantation. International Journal of Molecular Sciences, 2016, 17, 1232.	1.8	41
497	Telocytes and Their Extracellular Vesicles—Evidence and Hypotheses. International Journal of Molecular Sciences, 2016, 17, 1322.	1.8	85
498	Circulating MicroRNAs: A Next-Generation Clinical Biomarker for Digestive System Cancers. International Journal of Molecular Sciences, 2016, 17, 1459.	1.8	68
499	Circulating MicroRNAs as Potential Biomarkers of Exercise Response. International Journal of Molecular Sciences, 2016, 17, 1553.	1.8	88
500	Extracellular Vesicles in Chronic Obstructive Pulmonary Disease. International Journal of Molecular Sciences, 2016, 17, 1801.	1.8	62
501	Decoding the Secret of Cancer by Means of Extracellular Vesicles. Journal of Clinical Medicine, 2016, 5, 22.	1.0	52
502	Distinct Small RNA Signatures in Extracellular Vesicles Derived from Breast Cancer Cell Lines. PLoS ONE, 2016, 11, e0161824.	1.1	31
503	Acute Effects of Different Exercise Protocols on the Circulating Vascular microRNAs -16, -21, and -126 in Trained Subjects. Frontiers in Physiology, 2016, 7, 643.	1.3	52
504	Focus on Extracellular Vesicles: Physiological Role and Signalling Properties of Extracellular Membrane Vesicles. International Journal of Molecular Sciences, 2016, 17, 171.	1.8	231
505	MicroRNAs: Potential Biomarkers and Therapeutic Targets for Alveolar Bone Loss in Periodontal Disease. International Journal of Molecular Sciences, 2016, 17, 1317.	1.8	26
506	Macrophages transfer antigens to dendritic cells by releasing exosomes containing dead cell-associated antigens partially through a ceramide-dependent pathway to enhance CD <sup>4</sup> T cell responses. Immunology, 2016, 149, 157-171.	2.0	50
507	Emerging Roles for MicroRNAs in Perioperative Medicine. Anesthesiology, 2016, 124, 489-506.	1.3	64
508	Exosome-encapsulated microRNAs as circulating biomarkers for breast cancer. International Journal of Cancer, 2016, 139, 1443-1448.	2.3	158
509	Circulating microRNA expression profiles in pre-eclampsia: evidence of increased miR-885a5p levels. BJOG: an International Journal of Obstetrics and Gynaecology, 2016, 123, 2120-2128.	1.1	57
510	Influence of storage condition on exosome recovery. Biotechnology and Bioprocess Engineering, 2016, 21, 299-304.	1.4	84
511	Evidence and potential in vivo functions for biofluid miRNAs: From expression profiling to functional testing. BioEssays, 2016, 38, 367-378.	1.2	67

#	ARTICLE	IF	CITATIONS
512	Circulating miRNAs as novel potential biomarkers for esophageal squamous cell carcinoma diagnosis: a meta-analysis update. <i>Ecological Management and Restoration</i> , 2016, 30, n/a-n/a.	0.2	14
513	Osteoblasts secrete miRNA-containing extracellular vesicles that enhance expansion of human umbilical cord blood cells. <i>Scientific Reports</i> , 2016, 6, 32034.	1.6	27
514	Reversible HuR-microRNA binding controls extracellular export of miR-122 and augments stress response. <i>EMBO Reports</i> , 2016, 17, 1184-1203.	2.0	139
515	Integrated mRNA and miRNA expression profiling in blood reveals candidate biomarkers associated with endurance exercise in the horse. <i>Scientific Reports</i> , 2016, 6, 22932.	1.6	60
516	Blood hsa-miR-122-5p and hsa-miR-885-5p levels associate with fatty liver and related lipoprotein metabolism—The Young Finns Study. <i>Scientific Reports</i> , 2016, 6, 38262.	1.6	62
517	A platform for actively loading cargo RNA to elucidate limiting steps in EV-mediated delivery. <i>Journal of Extracellular Vesicles</i> , 2016, 5, 31027.	5.5	157
518	Comparison of microRNA expression profiles in K562-cells-derived microvesicles and parental cells, and analysis of their roles in leukemia. <i>Oncology Letters</i> , 2016, 12, 4937-4948.	0.8	15
519	Assessment of six commercial plasma small RNA isolation kits using qRT-PCR and electrophoretic separation: higher recovery of microRNA following ultracentrifugation. <i>Biology Methods and Protocols</i> , 2016, 1, bpw003.	1.0	18
520	Circulating Cancer Biomarkers: The Macro-revolution of the Micro-RNA. <i>EBioMedicine</i> , 2016, 5, 4-6.	2.7	49
521	Exosomes promote bone marrow angiogenesis in hematologic neoplasia. <i>Current Opinion in Hematology</i> , 2016, 23, 268-273.	1.2	60
522	Diagnostic significance of circulating multiple miRNAs in breast cancer: a systematic review and meta-analysis. <i>Biomarkers in Medicine</i> , 2016, 10, 661-674.	0.6	7
523	Micro RNAs: an arguable appraisal in medicine. <i>Endocrine Regulations</i> , 2016, 50, 106-124.	0.5	8
524	Sources and Functions of Extracellular Small RNAs in Human Circulation. <i>Annual Review of Nutrition</i> , 2016, 36, 301-336.	4.3	110
525	Mechanisms of MicroRNAs in Atherosclerosis. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2016, 11, 583-616.	9.6	73
526	Extracellular Vesicles and Their Role in Urologic Malignancies. <i>European Urology</i> , 2016, 70, 323-331.	0.9	79
527	Role of the tumor microenvironment in tumor progression and the clinical applications (Review). <i>Oncology Reports</i> , 2016, 35, 2499-2515.	1.2	254
528	A circulating non-coding RNA panel as an early detection predictor of non-small cell lung cancer. <i>Life Sciences</i> , 2016, 151, 235-242.	2.0	59
529	Introduction to Extracellular Vesicles: Biogenesis, RNA Cargo Selection, Content, Release, and Uptake. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 301-312.	1.7	1,168

#	ARTICLE	IF	CITATIONS
530	Increased oncogenic microRNA-18a expression in the peripheral blood of patients with prostate cancer: A potential novel non-invasive biomarker. <i>Oncology Letters</i> , 2016, 11, 1201-1206.	0.8	31
531	Secreted microRNAs from tumor cells can suppress immune function. <i>Oncolmmunology</i> , 2016, 5, e982407.	2.1	4
532	Micro-RNAs and High-Density Lipoprotein Metabolism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1076-1084.	1.1	45
533	Comparing exosome-like vesicles with liposomes for the functional cellular delivery of small RNAs. <i>Journal of Controlled Release</i> , 2016, 232, 51-61.	4.8	112
534	Extracellular vesicle miR-7977 is involved in hematopoietic dysfunction of mesenchymal stromal cells via poly(rC) binding protein 1 reduction in myeloid neoplasms. <i>Haematologica</i> , 2016, 101, 437-447.	1.7	71
535	Optimization and Standardization of Circulating MicroRNA Detection for Clinical Application: The miR-Test Case. <i>Clinical Chemistry</i> , 2016, 62, 743-754.	1.5	53
536	Tying malaria and microRNAs: from the biology to future diagnostic perspectives. <i>Malaria Journal</i> , 2016, 15, 167.	0.8	19
537	New emerging tasks for microRNAs in the control of $\hat{I}^2$ -cell activities. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 2121-2129.	1.2	39
538	Circulating Plasma Extracellular Microvesicle MicroRNA Cargo and Endothelial Dysfunction in Children with Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1116-1126.	2.5	109
539	Changes of standard physiological-perceptual markers and circulating MicroRNAs in response to tennis match-play: A case report of two elite players. <i>Journal of Human Kinetics</i> , 2016, 51, 71-81.	0.7	8
540	Clinical relevance of circulating cell-free microRNAs in ovarian cancer. <i>Molecular Cancer</i> , 2016, 15, 48.	7.9	149
541	Recent progress toward the use of circulating microRNAs as clinical biomarkers. <i>Archives of Toxicology</i> , 2016, 90, 2959-2978.	1.9	84
542	MicroRNAs in Allergic Disease. <i>Current Allergy and Asthma Reports</i> , 2016, 16, 67.	2.4	44
543	Noncoding Transcripts as Cancer Biomarkers in Circulation. , 2016, , 153-185.		0
544	Extracellular miRNA: A Collision of Two Paradigms. <i>Trends in Biochemical Sciences</i> , 2016, 41, 883-892.	3.7	145
545	Serum extracellular vesicular miR-21-5p is a predictor of the prognosis in idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2016, 17, 110.	1.4	94
546	Nanopore-Based Selective Discrimination of MicroRNAs with Single-Nucleotide Difference Using Locked Nucleic Acid-Modified Probes. <i>Analytical Chemistry</i> , 2016, 88, 10540-10546.	3.2	59
547	Fibrogenic Signaling Is Suppressed in Hepatic Stellate Cells through Targeting of Connective Tissue Growth Factor (CCN2) by Cellular or Exosomal MicroRNA-199a-5p. <i>American Journal of Pathology</i> , 2016, 186, 2921-2933.	1.9	64



#	ARTICLE	IF	CITATIONS
548	microRNA Therapeutics in Cancer – An Emerging Concept. EBioMedicine, 2016, 12, 34-42.	2.7	360
549	Integrins and heparan sulfate proteoglycans on hepatic stellate cells (HSC) are novel receptors for HSC-derived exosomes. FEBS Letters, 2016, 590, 4263-4274.	1.3	65
550	microRNA-155 and microRNA-196b in Hepatitis C Virus Infection. Exposure and Health, 2016, , 1-28.	2.8	0
551	Increasing of blastocyst rate and gene expression in co-culture of bovine embryos with adult adipose tissue-derived mesenchymal stem cells. Journal of Assisted Reproduction and Genetics, 2016, 33, 1395-1403.	1.2	26
552	Therapeutic and diagnostic applications of extracellular vesicles. Journal of Controlled Release, 2016, 244, 167-183.	4.8	145
553	Decreased expression of circulating microRNA-126 in patients with type 2 diabetic nephropathy: A potential blood-based biomarker. Experimental and Therapeutic Medicine, 2016, 12, 815-822.	0.8	59
554	Altered micro-ribonucleic acid expression profiles of extracellular microvesicles in the seminal plasma of patients with oligoasthenozoospermia. Fertility and Sterility, 2016, 106, 1061-1069.e3.	0.5	70
555	Exosomal transfer of functional small <sc>RNA</sc>s mediates cancer-stroma communication in human endometrium. Cancer Medicine, 2016, 5, 304-314.	1.3	33
556	Inflammatory cytokines induce specific time- and concentration-dependent MicroRNA release by chondrocytes, synoviocytes, and meniscus cells. Journal of Orthopaedic Research, 2016, 34, 779-790.	1.2	33
557	MicroRNAs as regulators of beta-cell function and dysfunction. Diabetes/Metabolism Research and Reviews, 2016, 32, 334-349.	1.7	62
558	<sc>MicroRNAs</sc> in heart failure: from biomarker to target for therapy. European Journal of Heart Failure, 2016, 18, 457-468.	2.9	235
559	Mesenchymal Stem Cell-Derived Exosomes Promote Fracture Healing in a Mouse Model. Stem Cells Translational Medicine, 2016, 5, 1620-1630.	1.6	325
560	MicroRNAs as paracrine signaling mediators in cancers and metabolic diseases. Best Practice and Research in Clinical Endocrinology and Metabolism, 2016, 30, 577-590.	2.2	11
561	Separation of Circulating MicroRNAs Using Apheresis in Patients With Systemic Lupus Erythematosus. Therapeutic Apheresis and Dialysis, 2016, 20, 348-353.	0.4	5
562	Exosome-shuttling microRNA-21 promotes cell migration and invasion-targeting PDCD4 in esophageal cancer. International Journal of Oncology, 2016, 48, 2567-2579.	1.4	125
563	Neutral ceramidase-enriched exosomes prevent palmitic acid-induced insulin resistance in H4 IIEC 3 hepatocytes. FEBS Open Bio, 2016, 6, 1078-1084.	1.0	16
564	Functional Significance and Predictive Value of MicroRNAs in Pediatric Obesity: Tiny Molecules with Huge Impact?. Hormone Research in Paediatrics, 2016, 86, 3-10.	0.8	21
565	Transfer of microRNA-486-5p from human endothelial colony forming cell-derived exosomes reduces ischemic kidney injury. Kidney International, 2016, 90, 1238-1250.	2.6	177



#	ARTICLE	IF	CITATIONS
566	MicroRNAs and psychiatric disorders: From aetiology to treatment. , 2016, 167, 13-27.		45
567	Spontaneous vesiculation: a mechanistic insight from the study of hybrid peptide molecules. New Journal of Chemistry, 2016, 40, 9907-9911.	1.4	9
568	Role of MicroRNA in Endothelial Dysfunction and Hypertension. Current Hypertension Reports, 2016, 18, 87.	1.5	82
569	Nanoparticles for cancer gene therapy: Recent advances, challenges, and strategies. Pharmacological Research, 2016, 114, 56-66.	3.1	110
570	Generation of a novel transgenic rat model for tracing extracellular vesicles in body fluids. Scientific Reports, 2016, 6, 31172.	1.6	33
571	Osteoclast-derived microRNA-containing exosomes selectively inhibit osteoblast activity. Cell Discovery, 2016, 2, 16015.	3.1	239
572	Endomembrane-associated RSD-3 is important for RNAi induced by extracellular silencing RNA in both somatic and germ cells of <i>Caenorhabditis elegans</i> . Scientific Reports, 2016, 6, 28198.	1.6	10
573	Isolation and Profiling of MicroRNA-containing Exosomes from Human Bile. Journal of Visualized Experiments, 2016, , .	0.2	10
574	Insights into the potential use of microRNAs as a novel class of biomarkers in esophageal cancer. Ecological Management and Restoration, 2016, 29, 412-420.	0.2	27
575	Are circulating microRNAs peripheral biomarkers for Alzheimer's disease?. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1617-1627.	1.8	223
576	Profiling of circulating microRNAs in patients with Barrett's esophagus and esophageal adenocarcinoma. Journal of Gastroenterology, 2016, 51, 560-570.	2.3	57
577	Exosome-mediated small RNA delivery for gene therapy. Wiley Interdisciplinary Reviews RNA, 2016, 7, 758-771.	3.2	84
578	Intracellular and extracellular microRNA: An update on localization and biological role. Progress in Histochemistry and Cytochemistry, 2016, 51, 33-49.	5.1	189
579	Cell-free microRNAs in blood and other body fluids, as cancer biomarkers. Cell Proliferation, 2016, 49, 281-303.	2.4	89
580	Extracellular vesicles as carriers of microRNA, proteins and lipids in tumor microenvironment. International Journal of Cancer, 2016, 138, 14-21.	2.3	126
581	Circulating miR-34a levels correlate with age-related hearing loss in mice and humans. Experimental Gerontology, 2016, 76, 58-67.	1.2	46
582	MicroRNA transport in cardiovascular complication of diabetes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 2111-2120.	1.2	17
583	Physiological and pathological roles of exosomes in the nervous system. Biomolecular Concepts, 2016, 7, 53-68.	1.0	50

#	ARTICLE	IF	CITATIONS
584	Elevated serum microRNA-122/222 levels are potential diagnostic biomarkers in Egyptian patients with chronic hepatitis C but not hepatic cancer. <i>Tumor Biology</i> , 2016, 37, 9865-9874.	0.8	22
585	Sensing of latent EBV infection through exosomal transfer of 5â€²pppRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E587-96.	3.3	136
586	Micro-RNAs in cognition and cognitive disorders: Potential for novel biomarkers and therapeutics. <i>Biochemical Pharmacology</i> , 2016, 104, 1-7.	2.0	35
587	Extracellular Vesicles in Brain Tumor Progression. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 383-407.	1.7	71
588	Extracellular vesicle transfer of cancer pathogenic components. <i>Cancer Science</i> , 2016, 107, 385-390.	1.7	175
589	A serum-circulating long noncoding RNA signature can discriminate between patients with clear cell renal cell carcinoma and healthy controls. <i>Oncogenesis</i> , 2016, 5, e192-e192.	2.1	107
590	Exosomes and other extracellular vesicles in neural cells and neurodegenerative diseases. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1139-1151.	1.4	170
591	Serum miR-16: A Potential Biomarker for Predicting Melanoma Prognosis. <i>Journal of Investigative Dermatology</i> , 2016, 136, 985-993.	0.3	44
592	Hepatocyte-derived microRNAs as sensitive serum biomarkers of hepatocellular injury in Labrador retrievers. <i>Veterinary Journal</i> , 2016, 211, 75-81.	0.6	32
593	Exosomal microRNA Biomarkers: Emerging Frontiers in Colorectal and Other Human Cancers. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 553-567.	1.5	64
594	Circulating free xenoâ€”microRNAs â€” The new kids on the block. <i>Molecular Oncology</i> , 2016, 10, 503-508.	2.1	43
595	Extracellular vesicles for drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2016, 106, 148-156.	6.6	866
596	Extracellular Vesicles Originate from the Conceptus and Uterus During Early Pregnancy in Sheep1. <i>Biology of Reproduction</i> , 2016, 94, 56.	1.2	136
597	Exosomes in Cancer Disease. <i>Methods in Molecular Biology</i> , 2016, 1381, 111-149.	0.4	45
598	Negligible uptake and transfer of diet-derived pollen microRNAs in adult honey bees. <i>RNA Biology</i> , 2016, 13, 109-118.	1.5	39
599	Circulating microRNAs as novel biomarkers for bone diseases â€” Complex signatures for multifactorial diseases?. <i>Molecular and Cellular Endocrinology</i> , 2016, 432, 83-95.	1.6	137
600	Small but smart: MicroRNAs orchestrate atherosclerosis development and progression. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 2075-2086.	1.2	39
601	Abnormal miRNAs Targeting Chromosome Open Reading Frame Genes were Enriched in Microvesicles Derived from the Circulation of HCC. <i>Biochemical Genetics</i> , 2016, 54, 120-133.	0.8	7

#	ARTICLE	IF	CITATIONS
602	Detection and Quantification of MicroRNAs by Ligase-Assisted Sandwich Hybridization on a Microarray. <i>Methods in Molecular Biology</i> , 2016, 1368, 53-65.	0.4	5
603	Microarray Technology and Its Applications for Detecting Plasma microRNA Biomarkers in Digestive Tract Cancers. <i>Methods in Molecular Biology</i> , 2016, 1368, 99-109.	0.4	11
604	STAT3-regulated exosomal miR-21 promotes angiogenesis and is involved in neoplastic processes of transformed human bronchial epithelial cells. <i>Cancer Letters</i> , 2016, 370, 125-135.	3.2	225
605	Characterization of exosomes derived from ovarian cancer cells and normal ovarian epithelial cells by nanoparticle tracking analysis. <i>Tumor Biology</i> , 2016, 37, 4213-4221.	0.8	74
606	Exosomes as new diagnostic tools in CNS diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 403-410.	1.8	164
607	Inhibitors of the sphingomyelin cycle: Sphingomyelin synthases and sphingomyelinases. <i>Chemistry and Physics of Lipids</i> , 2016, 197, 45-59.	1.5	95
608	Interplay Between Exosomes, microRNAs and Toll-Like Receptors in Brain Disorders. <i>Molecular Neurobiology</i> , 2016, 53, 2016-2028.	1.9	69
609	Circulating endothelium-enriched microRNA-126 as a potential biomarker for coronary artery disease in type 2 diabetes mellitus patients. <i>Biomarkers</i> , 2017, 22, 268-278.	0.9	49
610	Exosomes miR-126a released from MDSC induced by DOX treatment promotes lung metastasis. <i>Oncogene</i> , 2017, 36, 639-651.	2.6	162
611	Identification and Evaluation of Novel MicroRNA Biomarkers in Plasma and Feces Associated with Drug-induced Intestinal Toxicity. <i>Toxicologic Pathology</i> , 2017, 45, 302-320.	0.9	9
612	Chronic pistachio intake modulates circulating microRNAs related to glucose metabolism and insulin resistance in prediabetic subjects. <i>European Journal of Nutrition</i> , 2017, 56, 2181-2191.	1.8	39
613	MicroRNAs, heart failure, and aging: potential interactions with skeletal muscle. <i>Heart Failure Reviews</i> , 2017, 22, 209-218.	1.7	25
614	MicroRNAs in extracellular vesicles: potential cancer biomarkers. <i>Journal of Human Genetics</i> , 2017, 62, 67-74.	1.1	102
615	Detection of urinary cell-free miR-210 as a potential tool of liquid biopsy for clear cell renal cell carcinoma. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2017, 35, 294-299.	0.8	42
616	Circulating Noncoding RNAs as Biomarkers of Cardiovascular Disease and Injury. <i>Circulation Research</i> , 2017, 120, 381-399.	2.0	319
617	Transmission of HBV DNA Mediated by Ceramide-Triggered Extracellular Vesicles. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 3, 272-283.	2.3	35
618	Circulating microRNAs: Promising Biomarkers Involved in Several Cancers and Other Diseases. <i>DNA and Cell Biology</i> , 2017, 36, 77-94.	0.9	48
619	Re-Engineering Extracellular Vesicles as Smart Nanoscale Therapeutics. <i>ACS Nano</i> , 2017, 11, 69-83.	7.3	432

#	ARTICLE	IF	CITATIONS
620	Extracellular vesicles for nucleic acid delivery: progress and prospects for safe RNA-based gene therapy. <i>Gene Therapy</i> , 2017, 24, 157-166.	2.3	106
621	Going live with tumor exosomes and microvesicles. <i>Cell Adhesion and Migration</i> , 2017, 11, 173-186.	1.1	31
622	The role of exosomes in hepatitis, liver cirrhosis and hepatocellular carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 986-992.	1.6	50
623	Secretable Small RNAs via Outer Membrane Vesicles in Periodontal Pathogens. <i>Journal of Dental Research</i> , 2017, 96, 458-466.	2.5	141
624	MYC Mediates Large Oncosome-Induced Fibroblast Reprogramming in Prostate Cancer. <i>Cancer Research</i> , 2017, 77, 2306-2317.	0.4	119
625	Intraindividual variation of microRNA expression levels in plasma and peripheral blood mononuclear cells and the associations of these levels with the pathogenesis of autoimmune thyroid diseases. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 626-635.	1.4	15
626	The role of exosomes in cancer metastasis. <i>Seminars in Cancer Biology</i> , 2017, 44, 170-181.	4.3	305
627	Circulating microRNAs and diabetes mellitus: a novel tool for disease prediction, diagnosis, and staging?. <i>Journal of Endocrinological Investigation</i> , 2017, 40, 591-610.	1.8	72
628	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1286095.	5.5	561
629	MicroRNAs as Peripheral Biomarkers in Aging and Age-Related Diseases. <i>Progress in Molecular Biology and Translational Science</i> , 2017, 146, 47-94.	0.9	167
630	Vesicle miR-195 derived from Endothelial Cells Inhibits Expression of Serotonin Transporter in Vessel Smooth Muscle Cells. <i>Scientific Reports</i> , 2017, 7, 43546.	1.6	27
631	TWEAK-stimulated macrophages inhibit metastasis of epithelial ovarian cancer via exosomal shuttling of microRNA. <i>Cancer Letters</i> , 2017, 393, 60-67.	3.2	77
632	The role of exosomes and miRNAs in drug resistance of cancer cells. <i>International Journal of Cancer</i> , 2017, 141, 220-230.	2.3	199
633	Circulating microRNAs and extracellular vesicles as potential cancer biomarkers: a systematic review. <i>International Journal of Clinical Oncology</i> , 2017, 22, 413-420.	1.0	90
634	Targeted si-RNA with liposomes and exosomes (extracellular vesicles): How to unlock the potential. <i>International Journal of Pharmaceutics</i> , 2017, 525, 293-312.	2.6	35
635	Regulation of microvascularization in heart failure - an endothelial cell, non-coding RNAs and exosome liaison. <i>Non-coding RNA Research</i> , 2017, 2, 45-55.	2.4	15
636	Extracellular vesicles in lung cancer – From bench to bedside. <i>Seminars in Cell and Developmental Biology</i> , 2017, 67, 39-47.	2.3	47
637	The role of exosomes in the pathogenesis of Alzheimer™ disease. <i>Translational Neurodegeneration</i> , 2017, 6, 3.	3.6	101

#	ARTICLE	IF	CITATIONS
638	Exosomes: Therapy delivery tools and biomarkers of diseases. , 2017, 174, 63-78.		761
639	MicroRNA-155 Controls Exosome Synthesis and Promotes Gemcitabine Resistance in Pancreatic Ductal Adenocarcinoma. Scientific Reports, 2017, 7, 42339.	1.6	196
640	Functional Delivery of Lipid-Conjugated siRNA by Extracellular Vesicles. Molecular Therapy, 2017, 25, 1580-1587.	3.7	145
641	Exosomes Transfer Among Different Species Cells and Mediating miRNAs Delivery. Journal of Cellular Biochemistry, 2017, 118, 4267-4274.	1.2	36
642	Exosomes maintain cellular homeostasis by excreting harmful DNA from cells. Nature Communications, 2017, 8, 15287.	5.8	554
643	Drosophila TG-A transglutaminase is secreted via an unconventional Golgi-independent mechanism involving exosomes and two types of fatty acylations. Journal of Biological Chemistry, 2017, 292, 10723-10734.	1.6	26
644	Trans-dissemination of exosomes from HIV-1-infected cells fosters both HIV-1 trans-infection in resting CD4+ T lymphocytes and reactivation of the HIV-1 reservoir. Archives of Virology, 2017, 162, 2565-2577.	0.9	11
645	Therapeutic targeting strategies using endogenous cells and proteins. Journal of Controlled Release, 2017, 258, 81-94.	4.8	31
646	Extracellular vesicles at the crossâ€line between basic science and clinical needs. Microcirculation, 2017, 24, e12333.	1.0	4
647	NF- $\kappa$ B-regulated exosomal miR-155 promotes the inflammation associated with arsenite carcinogenesis. Cancer Letters, 2017, 388, 21-33.	3.2	94
648	Identification of exosomal muscle-specific miRNAs in serum of myotonic dystrophy patients relating to muscle disease progress. Human Molecular Genetics, 2017, 26, 3285-3302.	1.4	30
649	Exosomes in Cardiovascular Medicine. Cardiology and Therapy, 2017, 6, 225-237.	1.1	21
650	Exosome-Derived miR-25-3p and miR-92a-3p Stimulate Liposarcoma Progression. Cancer Research, 2017, 77, 3846-3856.	0.4	141
651	Methods to isolate extracellular vesicles for diagnosis. Micro and Nano Systems Letters, 2017, 5, .	1.7	54
652	Immune Modulatory microRNAs Involved in Tumor Attack and Tumor Immune Escape. Journal of the National Cancer Institute, 2017, 109, .	3.0	121
653	Exosomes and Exosomal MicroRNAs in Prostate Cancer Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2017, 98, 982-995.	0.4	56
654	Lipids in exosomes: Current knowledge and the way forward. Progress in Lipid Research, 2017, 66, 30-41.	5.3	751
655	Expression profiles and circulation dynamics of rat mesenteric lymph microRNAs. Molecular Medicine Reports, 2017, 15, 1989-1996.	1.1	9

#	ARTICLE	IF	CITATIONS
656	Malignant extracellular vesicles carrying MMP1 mRNA facilitate peritoneal dissemination in ovarian cancer. <i>Nature Communications</i> , 2017, 8, 14470.	5.8	235
657	Regulation of Atherosclerosis by microRNAs. <i>Cardiac and Vascular Biology</i> , 2017, , 1-20.	0.2	1
658	Achieving the Promise of Therapeutic Extracellular Vesicles: The Devil is in Details of Therapeutic Loading. <i>Pharmaceutical Research</i> , 2017, 34, 1053-1066.	1.7	94
659	Size-Selective Harvesting of Extracellular Vesicles for Strategic Analyses Towards Tumor Diagnoses. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 609-623.	1.4	15
660	MicroRNAs and Their Impact on Breast Cancer, the Tumor Microenvironment, and Disparities. <i>Advances in Cancer Research</i> , 2017, 133, 51-76.	1.9	15
661	Circulating Epstein-Barr virus-encoded microRNAs as potential biomarkers for nasal natural killer/T-cell lymphoma. <i>Hematological Oncology</i> , 2017, 35, 655-663.	0.8	39
662	Preparation and Isolation of siRNA-Loaded Extracellular Vesicles. <i>Methods in Molecular Biology</i> , 2017, 1545, 197-204.	0.4	6
663	microRNAs in lipoprotein and lipid metabolism: from biological function to clinical application. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 667-686.	1.4	36
664	Rab27-Dependent Exosome Production Inhibits Chronic Inflammation and Enables Acute Responses to Inflammatory Stimuli. <i>Journal of Immunology</i> , 2017, 199, 3559-3570.	0.4	74
665	Adipose Tissue Macrophage-Derived Exosomal miRNAs Can Modulate In Vivo and In Vitro Insulin Sensitivity. <i>Cell</i> , 2017, 171, 372-384.e12.	13.5	858
666	Hypothesis: RNA and DNA Viral Sequence Integration into the Mammalian Host Genome Supports Long-Term B Cell and T Cell Adaptive Immunity. <i>Viral Immunology</i> , 2017, 30, 628-632.	0.6	11
667	Extracellular vesicles as emerging targets in cancer: Recent development from bench to bedside. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1868, 538-563.	3.3	109
668	Exosome is a mechanism of intercellular drug transfer: Application of quantitative pharmacology. <i>Journal of Controlled Release</i> , 2017, 268, 147-158.	4.8	57
669	Broad role for YBX1 in defining the small noncoding RNA composition of exosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8987-E8995.	3.3	250
670	Extracellular vesicles derived from T regulatory cells suppress T cell proliferation and prolong allograft survival. <i>Scientific Reports</i> , 2017, 7, 11518.	1.6	89
671	Modelling the propagation of a dynamical signature in gene expression mediated by the transport of extracellular microRNAs. <i>Molecular BioSystems</i> , 2017, 13, 2379-2391.	2.9	2
672	Peroxisome Proliferator-Activated Receptor Gamma in Obesity and Colorectal Cancer: the Role of Epigenetics. <i>Scientific Reports</i> , 2017, 7, 10714.	1.6	61
673	Identification of the novel 3' UTR sequences of human IL-21 mRNA as potential targets of miRNAs. <i>Scientific Reports</i> , 2017, 7, 7780.	1.6	20

#	ARTICLE	IF	CITATIONS
674	Circulating endothelial cell-derived extracellular vesicles mediate the acute phase response and sickness behaviour associated with CNS inflammation. <i>Scientific Reports</i> , 2017, 7, 9574.	1.6	43
675	Exosomes as new players in metabolic organ cross-talk. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 137-146.	2.2	169
676	Depleted tumor suppressor miR-107 in plasma relates to tumor progression and is a novel therapeutic target in pancreatic cancer. <i>Scientific Reports</i> , 2017, 7, 5708.	1.6	49
677	Mesenchymal stem/stromal cell extracellular vesicles: From active principle to next generation drug delivery system. <i>Journal of Controlled Release</i> , 2017, 262, 104-117.	4.8	121
678	MicroRNA-100 shuttled by mesenchymal stem cell-derived exosomes suppresses in vitro angiogenesis through modulating the mTOR/HIF-1 $\alpha$ /VEGF signaling axis in breast cancer cells. <i>Cellular Oncology (Dordrecht)</i> , 2017, 40, 457-470.	2.1	264
679	Tiny RNAs and their voyage via extracellular vesicles: Secretion of bacterial small RNA and eukaryotic microRNA. <i>Experimental Biology and Medicine</i> , 2017, 242, 1475-1481.	1.1	61
680	Dysregulated miRNAs and their pathogenic implications for the neurometabolic disease propionic acidemia. <i>Scientific Reports</i> , 2017, 7, 5727.	1.6	16
681	Exosomes, blood-brain barrier, and cognitive dysfunction in pediatric sleep apnea. <i>Sleep and Biological Rhythms</i> , 2017, 15, 261-267.	0.5	3
682	Differential protein analysis of serum exosomes post-intravenous immunoglobulin therapy in patients with Kawasaki disease. <i>Cardiology in the Young</i> , 2017, 27, 1786-1796.	0.4	13
683	Exosomes as agents of change in the cardiovascular system. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 111, 40-50.	0.9	33
684	Epigenetic biomarkers: Current strategies and future challenges for their use in the clinical laboratory. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2017, 54, 529-550.	2.7	92
685	The Biology of Cancer Exosomes: Insights and New Perspectives. <i>Cancer Research</i> , 2017, 77, 6480-6488.	0.4	428
686	Circulating miRNA in Early Diagnosis. , 2017, , 875-881.		0
687	Circulating MicroRNA-92b-3p as a Novel Biomarker for Monitoring of Synovial Sarcoma. <i>Scientific Reports</i> , 2017, 7, 14634.	1.6	50
688	Exosomes Mediate the Beneficial Effects of Exercise. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1000, 333-353.	0.8	16
689	Evaluation of serum microRNA biomarkers for gastric cancer based on blood and tissue pools profiling: the importance of miR-21 and miR-331. <i>British Journal of Cancer</i> , 2017, 117, 266-273.	2.9	85
690	Viral effects on the content and function of extracellular vesicles. <i>Nature Reviews Microbiology</i> , 2017, 15, 559-572.	13.6	195
691	Extracellular vesicles: Novel promising delivery systems for therapy of brain diseases. <i>Journal of Controlled Release</i> , 2017, 262, 247-258.	4.8	298



#	ARTICLE	IF	CITATIONS
692	The Role of MicroRNAs in Stress-Induced Psychopathologies. , 2017, , 117-126.		1
693	Structure of human nSMase2 reveals an interdomain allosteric activation mechanism for ceramide generation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5549-E5558.	3.3	82
694	Exosomes Derived From Pancreatic Stellate Cells. Pancreas, 2017, 46, 19-27.	0.5	94
695	MicroRNAs as Important Regulators of Exercise Adaptation. Progress in Cardiovascular Diseases, 2017, 60, 130-151.	1.6	114
696	The emergent role of exosomes in glioma. Journal of Clinical Neuroscience, 2017, 35, 13-23.	0.8	115
697	Two distinct extracellular RNA signatures released by a single cell type identified by microarray and next-generation sequencing. RNA Biology, 2017, 14, 58-72.	1.5	111
698	Extracellular Vesicles: Novel Mediators of Cell Communication In Metabolic Disease. Trends in Endocrinology and Metabolism, 2017, 28, 3-18.	3.1	268
699	Exosomes: mobile platforms for targeted and synergistic signaling across cell boundaries. Cellular and Molecular Life Sciences, 2017, 74, 1567-1576.	2.4	55
700	The role of the miRâ€“92 cluster in neurogenesis and angiogenesis in the central nervous system of adults. Journal of Neuroscience Research, 2017, 95, 1574-1581.	1.3	33
701	Uptake and impact of natural diet-derived small RNA in invertebrates: Implications for ecology and agriculture. RNA Biology, 2017, 14, 402-414.	1.5	21
702	Exosomes Promote Ovarian Cancer Cell Invasion through Transfer of CD44 to Peritoneal Mesothelial Cells. Molecular Cancer Research, 2017, 15, 78-92.	1.5	178
703	Molecular mechanisms of innate memory and tolerance to LPS. Journal of Leukocyte Biology, 2017, 101, 107-119.	1.5	293
704	How cancer cells dictate their microenvironment: present roles of extracellular vesicles. Cellular and Molecular Life Sciences, 2017, 74, 697-713.	2.4	126
705	Enhanced Cardioprotection by Human Endometrium Mesenchymal Stem Cells Driven by Exosomal MicroRNA-21. Stem Cells Translational Medicine, 2017, 6, 209-222.	1.6	217
706	Elevated serum microRNA 483-5p levels may predict patients at risk of post-operative atrial fibrillation. European Journal of Cardio-thoracic Surgery, 2017, 51, 73-78.	0.6	61
707	Applications of Extracellular RNAs in Oncology. Molecular Diagnosis and Therapy, 2017, 21, 1-11.	1.6	7
708	Functional Roles for Exosomal MicroRNAs in the Tumour Microenvironment. Computational and Structural Biotechnology Journal, 2017, 15, 8-13.	1.9	72
709	Emerging Roles for MicroRNAs in Diabetic Microvascular Disease: Novel Targets for Therapy. Endocrine Reviews, 2017, 38, 145-168.	8.9	141



#	ARTICLE	IF	CITATIONS
710	Formidable challenges to the notion of biologically important roles for dietary small RNAs in ingesting mammals. <i>Genes and Nutrition</i> , 2017, 12, 13.	1.2	18
711	The HBx gene of hepatitis B virus can influence hepatic microenvironment via exosomes by transferring its mRNA and protein. <i>Virus Research</i> , 2017, 240, 166-174.	1.1	52
712	Circulating microRNAs as potential biomarkers to detect transformation of Barrett's oesophagus to oesophageal adenocarcinoma. <i>BMJ Open Gastroenterology</i> , 2017, 4, e000160.	1.1	11
713	Replenishing exosomes from older bone marrow stromal cells with miR-340 inhibits myeloma-related angiogenesis. <i>Blood Advances</i> , 2017, 1, 812-823.	2.5	75
714	Sphingosine 1-Phosphate Receptors: Do They Have a Therapeutic Potential in Cardiac Fibrosis?. <i>Frontiers in Pharmacology</i> , 2017, 8, 296.	1.6	36
715	Isolation and Identification of miRNAs in exosomes derived from serum of colon cancer patients. <i>Journal of Cancer</i> , 2017, 8, 1145-1152.	1.2	68
716	Mesenchymal stem cells release exosomes that transfer miRNAs to endothelial cells and promote angiogenesis. <i>Oncotarget</i> , 2017, 8, 45200-45212.	0.8	301
717	Circulating microRNAs and Bioinformatics Tools to Discover Novel Diagnostic Biomarkers of Pediatric Diseases. <i>Genes</i> , 2017, 8, 234.	1.0	32
718	microRNAs Make the Call in Cancer Personalized Medicine. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 86.	1.8	67
719	Engineering Exosomes for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1122.	1.8	215
720	Urinary Biomarkers for Chronic Kidney Disease with a Focus on Gene Transcript. <i>Chinese Medical Journal</i> , 2017, 130, 2251-2256.	0.9	11
721	Exosomal MicroRNAs in Breast Cancer towards Diagnostic and Therapeutic Applications. <i>Cancers</i> , 2017, 9, 71.	1.7	72
722	MicroRNA Exocytosis by Vesicle Fusion in Neuroendocrine Cells. <i>Frontiers in Endocrinology</i> , 2017, 8, 355.	1.5	7
723	Asymmetric RNA Distribution among Cells and Their Secreted Exosomes: Biomedical Meaning and Considerations on Diagnostic Applications. <i>Frontiers in Molecular Biosciences</i> , 2017, 4, 66.	1.6	45
725	MEX3C interacts with adaptor-related protein complex 2 and involves in miR-451a exosomal sorting. <i>PLoS ONE</i> , 2017, 12, e0185992.	1.1	50
726	Circulating microRNAs in patients with hormone receptor-positive, metastatic breast cancer treated with dovitinib. <i>Clinical and Translational Medicine</i> , 2017, 6, 37.	1.7	19
727	The 150 most important questions in cancer research and clinical oncology series: questions 57-66. <i>Chinese Journal of Cancer</i> , 2017, 36, 79.	4.9	6
728	Impact of MicroRNAs in the Cellular Response to Hypoxia. <i>International Review of Cell and Molecular Biology</i> , 2017, 333, 91-158.	1.6	37

#	ARTICLE	IF	CITATIONS
729	Saliva-Exosomics in Cancer: Molecular Characterization of Cancer-Derived Exosomes in Saliva. The Enzymes, 2017, 42, 125-151.	0.7	82
730	Extracellular Vesicle-Associated RNA as a Carrier of Epigenetic Information. Genes, 2017, 8, 240.	1.0	45
731	The role of extracellular vesicles in mediating progression, metastasis and potential treatment of hepatocellular carcinoma. Oncotarget, 2017, 8, 3683-3695.	0.8	73
732	Effects of exosome-like vesicles on cumulus expansion in pigs &in vitro&; Journal of Reproduction and Development, 2017, 63, 51-58.	0.5	35
733	Microvesicles Released from Human Red Blood Cells: Properties and Potential Applications. , 2017, , .		2
734	microRNA-Mediated Regulation of Adult Hippocampal Neurogenesis; Implications for Hippocampus-dependent Cognition and Related Disorders?. , 2017, , 155-176.		0
735	Extracellular microRNAs as messengers in the central and peripheral nervous system. Neuronal Signaling, 2017, 1, NS20170112.	1.7	12
736	Extracellular Vesicles From Mesenchymal Stem Cells and Their Potential in Tumor Therapy. , 2017, , 521-549.		0
737	Liquid biopsy in patients with hepatocellular carcinoma: Circulating tumor cells and cell-free nucleic acids. World Journal of Gastroenterology, 2017, 23, 5650.	1.4	77
738	Exosomal miR-940 maintains SRC-mediated oncogenic activity in cancer cells: a possible role for exosomal disposal of tumor suppressor miRNAs. Oncotarget, 2017, 8, 20145-20164.	0.8	56
739	Diagnostic and prognostic value of serum miR-15a and miR-16 expression among egyptian patients with prostate cancer. IUBMB Life, 2018, 70, 437-444.	1.5	27
740	MicroRNAs, Gene's Regulator in Prostate Cancer. , 2018, , 21-36.		0
741	Hypoxia-induced exosome secretion promotes survival of African-American and Caucasian prostate cancer cells. Scientific Reports, 2018, 8, 3853.	1.6	84
742	Targeting Inflammatory Vasculature by Extracellular Vesicles. AAPS Journal, 2018, 20, 37.	2.2	19
744	MicroRNAs in equine veterinary science. Equine Veterinary Journal, 2018, 50, 721-726.	0.9	10
745	MicroRNAs of Equine Amniotic Mesenchymal Cell-derived Microvesicles and Their Involvement in Anti-inflammatory Processes. Cell Transplantation, 2018, 27, 45-54.	1.2	23
746	Exosome: Function and Role in Cancer Metastasis and Drug Resistance. Technology in Cancer Research and Treatment, 2018, 17, 153303381876345.	0.8	99
747	The versatile role of exosomes in cancer progression: diagnostic and therapeutic implications. Cellular Oncology (Dordrecht), 2018, 41, 223-252.	2.1	52

#	ARTICLE	IF	CITATIONS
748	Concise Review: Rational Use of Mesenchymal Stem Cells in the Treatment of Ischemic Heart Disease. <i>Stem Cells Translational Medicine</i> , 2018, 7, 543-550.	1.6	76
749	Anti-GM1 ganglioside antibodies modulate membrane-associated sphingomyelin metabolism by altering neutral sphingomyelinase activity. <i>Molecular and Cellular Neurosciences</i> , 2018, 89, 42-48.	1.0	2
750	Extracellular vesicles as potential biomarkers for alcohol- and drug-induced liver injury and their therapeutic applications. , 2018, 187, 180-194.		50
751	Circulating microRNAs as biomarkers in pediatric heart diseases. <i>Progress in Pediatric Cardiology</i> , 2018, 49, 50-52.	0.2	3
752	BAT Exosomes: Metabolic Crosstalk with Other Organs and Biomarkers for BAT Activity. <i>Handbook of Experimental Pharmacology</i> , 2018, 251, 337-346.	0.9	9
753	Milk-derived Extracellular Vesicles for Therapeutic Delivery of Small Interfering RNAs. <i>Methods in Molecular Biology</i> , 2018, 1740, 187-197.	0.4	21
754	Plasma exosomes as novel biomarker for the early diagnosis of gastric cancer. <i>Cancer Biomarkers</i> , 2018, 21, 805-812.	0.8	43
755	Exosomal cargo-loading and synthetic exosome-mimics as potential therapeutic tools. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 542-551.	2.8	269
756	Exosomal microRNAs (exomiRs): Small molecules with a big role in cancer. <i>Cancer Letters</i> , 2018, 420, 228-235.	3.2	178
757	Combining cell and gene therapy to advance cardiac regeneration. <i>Expert Opinion on Biological Therapy</i> , 2018, 18, 409-423.	1.4	22
758	Engineered exosomes emerging from muscle cells break immune tolerance to HER2 in transgenic mice and induce antigen-specific CTLs upon challenge by human dendritic cells. <i>Journal of Molecular Medicine</i> , 2018, 96, 211-221.	1.7	29
759	Secretory microRNAs as biomarkers of cancer. <i>Seminars in Cell and Developmental Biology</i> , 2018, 78, 22-36.	2.3	81
760	Circulating exosomes suppress the induction of regulatory T cells via let-7i in multiple sclerosis. <i>Nature Communications</i> , 2018, 9, 17.	5.8	177
761	Exosomal miRNAs in hepatocellular carcinoma development and clinical responses. <i>Journal of Hematology and Oncology</i> , 2018, 11, 54.	6.9	62
762	MicroRNA as Therapeutics for Age-Related Macular Degeneration. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1074, 37-43.	0.8	21
763	The Secretion of miR-200s by a PKC $\eta$ /ADAR2 Signaling Axis Promotes Liver Metastasis in Colorectal Cancer. <i>Cell Reports</i> , 2018, 23, 1178-1191.	2.9	53
764	Zika virus propagation and release in human fetal astrocytes can be suppressed by neutral sphingomyelinase-2 inhibitor GW4869. <i>Cell Discovery</i> , 2018, 4, 19.	3.1	59
765	Defining the molecular mechanisms of HIV $\epsilon$ 1 Tat secretion: PtdIns(4,5)P <sub>2</sub> at the epicenter. <i>Traffic</i> , 2018, 19, 655-665.	1.3	23

#	ARTICLE	IF	CITATIONS
766	MicroRNAs in type 2 immunity. <i>Cancer Letters</i> , 2018, 425, 116-124.	3.2	12
767	Secretion of Hepatitis C Virus Replication Intermediates Reduces Activation of Toll-Like Receptor 3 in Hepatocytes. <i>Gastroenterology</i> , 2018, 154, 2237-2251.e16.	0.6	63
768	MicroRNA. <i>Comprehensive Gynecology and Obstetrics</i> , 2018, , 209-224.	0.0	0
769	Isolation and Characterization of a microRNA-size Secretable Small RNA in <i>Streptococcus sanguinis</i> . <i>Cell Biochemistry and Biophysics</i> , 2018, 76, 293-301.	0.9	37
770	MiR-151a is involved in the pathogenesis of atopic dermatitis by regulating interleukin-12 receptor $\beta 2$ . <i>Experimental Dermatology</i> , 2018, 27, 427-432.	1.4	38
771	MicroRNA-221-3p is up-regulated and serves as a potential biomarker in pancreatic cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 482-487.	1.9	39
772	Exosomes and their Application in Biomedical Field: Difficulties and Advantages. <i>Molecular Neurobiology</i> , 2018, 55, 3372-3393.	1.9	91
773	Circulating microRNAs as biomarkers for depression: Many candidates, few finalists. <i>Journal of Affective Disorders</i> , 2018, 233, 68-78.	2.0	74
774	Circulating exosomes in obstructive sleep apnea as phenotypic biomarkers and mechanistic messengers of end-organ morbidity. <i>Respiratory Physiology and Neurobiology</i> , 2018, 256, 143-156.	0.7	42
775	Current knowledge on exosome biogenesis and release. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 193-208.	2.4	1,689
776	A novel cell-cell communication mechanism in the nervous system: exosomes. <i>Journal of Neuroscience Research</i> , 2018, 96, 45-52.	1.3	71
777	miRNAs and ovarian cancer: An overview. <i>Journal of Cellular Physiology</i> , 2018, 233, 3846-3854.	2.0	150
778	Pathways of production and delivery of hepatocyte exosomes. <i>Journal of Cell Communication and Signaling</i> , 2018, 12, 343-357.	1.8	57
779	Extracellular vesicles isolated from human renal cell carcinoma tissues disrupt vascular endothelial cell morphology via azurocidin. <i>International Journal of Cancer</i> , 2018, 142, 607-617.	2.3	57
780	Breakthroughs in modern cancer therapy and elusive cardiotoxicity: Critical research-practice gaps, challenges, and insights. <i>Medicinal Research Reviews</i> , 2018, 38, 325-376.	5.0	50
781	Cell-secreted vesicles containing microRNAs as regulators of gamete maturation. <i>Journal of Endocrinology</i> , 2018, 236, R15-R27.	1.2	65
782	The ceramide pathway is involved in the survival, apoptosis and exosome functions of human multiple myeloma cells in vitro. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 561-568.	2.8	74
783	Extracellular Vesicles Secreted by Atherogenic Macrophages Transfer MicroRNA to Inhibit Cell Migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 49-63.	1.1	176

#	ARTICLE	IF	CITATIONS
784	Delivery of Exogenous miR-124 to Glioblastoma Multiform Cells by Whartonâ€™s Jelly Mesenchymal Stem Cells Decreases Cell Proliferation and Migration, and Confers Chemosensitivity. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 236-246.	5.6	93
785	Exosomes secreted by hypoxic cardiosphereâ€™derived cells enhance tube formation and increase proâ€™angiogenic miRNA. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4150-4160.	1.2	71
786	Extracellular Vesicles and Cancer: Caveat Lector. <i>Annual Review of Cancer Biology</i> , 2018, 2, 395-411.	2.3	46
787	Exosomes: new molecular targets of diseases. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 501-513.	2.8	292
788	Emerging role of extracellular vesicles as a senescence-associated secretory phenotype: Insights into the pathophysiology of lung diseases. <i>Molecular Aspects of Medicine</i> , 2018, 60, 92-103.	2.7	126
789	The clinical potential of adipogenesis and obesity-related microRNAs. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 91-111.	1.1	69
790	Extracellular vesicles, exosomes and shedding vesicles in regenerative medicine â€™ a new paradigm for tissue repair. <i>Biomaterials Science</i> , 2018, 6, 60-78.	2.6	207
791	Non-coding RNAs as a new dawn in tumor diagnosis. <i>Seminars in Cell and Developmental Biology</i> , 2018, 78, 37-50.	2.3	38
792	Biogenesis and function of ESCRT-dependent extracellular vesicles. <i>Seminars in Cell and Developmental Biology</i> , 2018, 74, 66-77.	2.3	292
793	Exosomes in cancer: Use them or target them?. <i>Seminars in Cell and Developmental Biology</i> , 2018, 78, 13-21.	2.3	109
794	Novel antibody-mediated drug delivery system for targeting exosomal microRNA. <i>Drug Delivery System</i> , 2018, 33, 156-157.	0.0	0
795	The role of exosomal transport of viral agents in persistent HIV pathogenesis. <i>Retrovirology</i> , 2018, 15, 79.	0.9	33
796	Exosomal Cargo Properties, Endothelial Function and Treatment of Obesity Hypoventilation Syndrome: A Proof of Concept Study. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 797-807.	1.4	27
797	Cellâ€™toâ€™cell communication via extracellular vesicles among human pancreatic cancer cells derived from the same patient. <i>Molecular Medicine Reports</i> , 2018, 18, 3989-3996.	1.1	6
798	Adipose mesenchymal stem cellsâ€™derived exosomes attenuate retina degeneration of streptozotocin-induced diabetes in rabbits. <i>Journal of Circulating Biomarkers</i> , 2018, 7, 184945441880782.	0.8	83
799	Isolation of Extracellular Vesicles from Murine Bronchoalveolar Lavage Fluid Using an Ultrafiltration Centrifugation Technique. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	13
800	Exosomes as drug carriers for clinical application. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 564-570.	1.9	20
801	Mesenchymal stem cell-derived extracellular vesicles affect disease outcomes via transfer of microRNAs. <i>Stem Cell Research and Therapy</i> , 2018, 9, 320.	2.4	204

#	ARTICLE	IF	CITATIONS
802	Receptor-Ligand Interaction Mediates Targeting of Endothelial Colony Forming Cell-derived Exosomes to the Kidney after Ischemic Injury. <i>Scientific Reports</i> , 2018, 8, 16320.	1.6	65
803	MicroRNA-8073: Tumor suppressor and potential therapeutic treatment. <i>PLoS ONE</i> , 2018, 13, e0209750.	1.1	21
804	Non-Coding RNA in Pancreas and $\beta$ -Cell Development. <i>Non-coding RNA</i> , 2018, 4, 41.	1.3	37
805	The prognostic roles of mRNAs of the exosomes derived from bone marrow stromal cells in common malignancies: a bioinformatic study. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 7979-7986.	1.0	8
806	Exosomes—the enigmatic regulators of bone homeostasis. <i>Bone Research</i> , 2018, 6, 36.	5.4	77
807	Overexpression of miR-1 in the heart attenuates hippocampal synaptic vesicle exocytosis by the posttranscriptional regulation of SNAP-25 through the transportation of exosomes. <i>Cell Communication and Signaling</i> , 2018, 16, 91.	2.7	22
808	Serum and Lipoprotein Particle miRNA Profile in Uremia Patients. <i>Genes</i> , 2018, 9, 533.	1.0	16
809	The Pro-angiogenesis Of Exosomes Derived From Umbilical Cord Blood Of Intrauterine Growth Restriction Pigs Was Repressed Associated With MiRNAs. <i>International Journal of Biological Sciences</i> , 2018, 14, 1426-1436.	2.6	24
810	Exosomes: natural nanoparticles as bio shuttles for RNAi delivery. <i>Journal of Controlled Release</i> , 2018, 289, 158-170.	4.8	57
811	MicroRNA-451a in extracellular, blood-resident vesicles attenuates macrophage and dendritic cell responses to influenza whole-virus vaccine. <i>Journal of Biological Chemistry</i> , 2018, 293, 18585-18600.	1.6	35
812	Microenvironmental pH and Exosome Levels Interplay in Human Cancer Cell Lines of Different Histotypes. <i>Cancers</i> , 2018, 10, 370.	1.7	141
813	Discovery and validation of blood microRNAs as molecular biomarkers of epilepsy: Ways to close current knowledge gaps. <i>Epilepsia Open</i> , 2018, 3, 427-436.	1.3	32
814	Circulating Exosomal miR-17 Inhibits the Induction of Regulatory T Cells via Suppressing TGFBR II Expression in Rheumatoid Arthritis. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 1754-1763.	1.1	55
815	LONG-NONCODING RNAs in gastroesophageal cancers. <i>Non-coding RNA Research</i> , 2018, 3, 195-212.	2.4	39
816	Potential Effects of MSC-Derived Exosomes in Neuroplasticity in Alzheimer's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 317.	1.8	116
817	Understanding extracellular vesicle diversity — current status. <i>Expert Review of Proteomics</i> , 2018, 15, 887-910.	1.3	118
818	Extracellular Vesicles: How Drug and Pathology Interfere With Their Biogenesis and Function. <i>Frontiers in Physiology</i> , 2018, 9, 1394.	1.3	28
819	Diverse Long RNAs Are Differentially Sorted into Extracellular Vesicles Secreted by Colorectal Cancer Cells. <i>Cell Reports</i> , 2018, 25, 715-725.e4.	2.9	102

#	ARTICLE	IF	CITATIONS
820	miRNA-Mediated Interactions in and between Plants and Insects. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3239.	1.8	23
821	MiR-1260b inhibitor enhances the chemosensitivity of colorectal cancer cells to fluorouracil by targeting PDCD4/IGF1. <i>Oncology Letters</i> , 2018, 16, 5131-5139.	0.8	20
822	Extracellular Vesicles: Decoding a New Language for Cellular Communication in Early Embryonic Development. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 94.	1.8	39
823	Five serum-based miRNAs were identified as potential diagnostic biomarkers in gastric cardia adenocarcinoma. <i>Cancer Biomarkers</i> , 2018, 23, 193-203.	0.8	30
824	Investigation of Circulating Extracellular Vesicle MicroRNA Following Two Consecutive Bouts of Muscle-Damaging Exercise. <i>Frontiers in Physiology</i> , 2018, 9, 1149.	1.3	68
825	Exosomal Chaperones and miRNAs in Gliomagenesis: State-of-Art and Theranostics Perspectives. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2626.	1.8	34
826	Exosomes: Cellular capsules for drug delivery in Parkinson's disease. , 2018, , 91-151.		3
827	Epigenetic Regulation of Endothelial Function: With Focus on MicroRNAs. , 2018, , 171-187.		0
828	Host Cell Prediction of Exosomes Using Morphological Features on Solid Surfaces Analyzed by Machine Learning. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6224-6235.	1.2	16
829	Extracellular vesicles: lipids as key components of their biogenesis and functions. <i>Journal of Lipid Research</i> , 2018, 59, 1316-1324.	2.0	208
830	Tumor-derived exosomes promote tumor self-seeding in hepatocellular carcinoma by transferring miRNA-25-5p to enhance cell motility. <i>Oncogene</i> , 2018, 37, 4964-4978.	2.6	47
831	Extracellular vesicles in cancer – implications for future improvements in cancer care. <i>Nature Reviews Clinical Oncology</i> , 2018, 15, 617-638.	12.5	1,020
832	Sphingolipids and their metabolism in physiology and disease. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 175-191.	16.1	1,197
833	Myocardial infarction-induced hippocampal microtubule damage by cardiac originating microRNA-1 in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 120, 12-27.	0.9	30
834	MicroRNAs in Exosomes in Cancer. , 2018, , 59-78.		4
835	Circulating miRNAs Increasing the Risk of Cancer. , 2018, , 79-94.		1
836	Emerging role of exosome signalling in maintaining cancer stem cell dynamic equilibrium. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3719-3728.	1.6	59
837	Role of sphingolipids in the biogenesis and biological activity of extracellular vesicles. <i>Journal of Lipid Research</i> , 2018, 59, 1325-1340.	2.0	170



#	ARTICLE	IF	CITATIONS
838	nSMase2 (Type 2-Neutral Sphingomyelinase) Deficiency or Inhibition by GW4869 Reduces Inflammation and Atherosclerosis in Apoe <sup>−/−</sup> Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1479-1492.	1.1	66
839	MiRNA-208a as a Sensitive Early Biomarker for the Postoperative Course Following Congenital Heart Defect Surgery. Pediatric Cardiology, 2018, 39, 1565-1571.	0.6	12
840	MicroRNA and Microvascular Complications of Diabetes. International Journal of Endocrinology, 2018, 2018, 1-20.	0.6	55
841	MicroRNA-378 suppresses myocardial fibrosis through a paracrine mechanism at the early stage of cardiac hypertrophy following mechanical stress.. Theranostics, 2018, 8, 2565-2582.	4.6	127
842	Exosomes and cardiovascular cell-cell communication. Essays in Biochemistry, 2018, 62, 193-204.	2.1	22
843	Extracellular vesicles and their nucleic acids for biomarker discovery. , 2018, 192, 170-187.		81
844	Circulating miRNAs as biomarkers for early diagnosis of coronary artery disease. Expert Opinion on Therapeutic Patents, 2018, 28, 591-601.	2.4	37
845	The Role of Exosomes/Extracellular Vesicles in Neural Signal Transduction. Biological and Pharmaceutical Bulletin, 2018, 41, 1119-1125.	0.6	19
846	Neutral Sphingomyelinases in Cancer. Advances in Cancer Research, 2018, 140, 97-119.	1.9	12
847	Exosomal secretion of $\alpha$ -synuclein as protective mechanism after upstream blockage of macroautophagy. Cell Death and Disease, 2018, 9, 757.	2.7	117
848	MSC exosome works through a protein-based mechanism of action. Biochemical Society Transactions, 2018, 46, 843-853.	1.6	252
849	Functional Association between Regulatory RNAs and the Annexins. International Journal of Molecular Sciences, 2018, 19, 591.	1.8	24
850	Potential Clinical Application of Genomics in Multiple Myeloma. International Journal of Molecular Sciences, 2018, 19, 1721.	1.8	5
851	A Challenge to Aging Society by microRNA in Extracellular Vesicles: microRNA in Extracellular Vesicles as Promising Biomarkers and Novel Therapeutic Targets in Multiple Myeloma. Journal of Clinical Medicine, 2018, 7, 55.	1.0	11
852	Heterogeneity and interplay of the extracellular vesicle small RNA transcriptome and proteome. Scientific Reports, 2018, 8, 10813.	1.6	118
853	Stability of Circulating Exosomal miRNAs in Healthy Subjects. Scientific Reports, 2018, 8, 10306.	1.6	107
854	Three-Dimensional Spheroid Culture Increases Exosome Secretion from Mesenchymal Stem Cells. Tissue Engineering and Regenerative Medicine, 2018, 15, 427-436.	1.6	98
855	Extracellular vesicles: Toward a clinical application in urological cancer treatment. International Journal of Urology, 2018, 25, 533-543.	0.5	32

#	ARTICLE	IF	CITATIONS
856	Ovarian extracellular MicroRNAs as the potential non-invasive biomarkers: An update. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1633-1640.	2.5	11
857	Extracellular microRNAs and oxidative stress in liver injury: a systematic mini review. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2018, 63, 6-11.	0.6	46
858	Small RNAs detected in exosomes derived from the MH7A synovial fibroblast cell line with TNF- $\alpha$ stimulation. <i>PLoS ONE</i> , 2018, 13, e0201851.	1.1	25
859	Electrically stimulated acupuncture increases renal blood flow through exosome-carried miR-181. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1542-F1549.	1.3	18
860	Functional implications of Rab27 GTPases in Cancer. <i>Cell Communication and Signaling</i> , 2018, 16, 44.	2.7	51
861	Overview of MicroRNA Biogenesis, Mechanisms of Actions, and Circulation. <i>Frontiers in Endocrinology</i> , 2018, 9, 402.	1.5	2,975
862	Circulating plasma microRNAs in the detection of esophageal squamous cell carcinoma. <i>Oncology Letters</i> , 2018, 16, 3303-3318.	0.8	15
863	Tumor-derived exosomes, microRNAs, and cancer immune suppression. <i>Seminars in Immunopathology</i> , 2018, 40, 505-515.	2.8	69
864	Cytosolic Genomic DNA functions as a Natural Antisense. <i>Scientific Reports</i> , 2018, 8, 8551.	1.6	12
865	Intravenously delivered mesenchymal stem cell-derived exosomes target M2-type macrophages in the injured spinal cord. <i>PLoS ONE</i> , 2018, 13, e0190358.	1.1	164
866	KSHV oral shedding and plasma viremia result in significant changes in the extracellular tumorigenic miRNA expression profile in individuals infected with the malaria parasite. <i>PLoS ONE</i> , 2018, 13, e0192659.	1.1	9
867	miRNAs in cardiovascular diseases: potential biomarkers, therapeutic targets and challenges. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1073-1084.	2.8	418
868	Regulation of Sperm-Egg Fusion at the Plasma Membrane. <i>Diversity and Commonality in Animals</i> , 2018, , 549-568.	0.7	0
869	Exosome-mediated transfer of lncRUNX2-AS1 from multiple myeloma cells to MSCs contributes to osteogenesis. <i>Oncogene</i> , 2018, 37, 5508-5519.	2.6	108
870	Ceramide and Exosomes: A Novel Target in Cancer Biology and Therapy. <i>Advances in Cancer Research</i> , 2018, 140, 121-154.	1.9	99
871	Towards personalised rapid label free miRNA detection for cancer and liver injury diagnostics in cell lysates and blood based samples. <i>Nanoscale</i> , 2018, 10, 12797-12804.	2.8	20
872	Plasma miRNAs in diagnosis and prognosis of pancreatic cancer: A miRNA expression analysis. <i>Gene</i> , 2018, 673, 181-193.	1.0	92
873	Exosomal lipid composition and the role of ether lipids and phosphoinositides in exosome biology. <i>Journal of Lipid Research</i> , 2019, 60, 9-18.	2.0	418

#	ARTICLE	IF	CITATIONS
874	MiR-214 is an important regulator of the musculoskeletal metabolism and disease. <i>Journal of Cellular Physiology</i> , 2019, 234, 231-245.	2.0	49
875	Neuronal Enriched Extracellular Vesicle Proteins as Biomarkers for Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 975-987.	1.7	42
876	Circulating MicroRNAs in Cancer: Potential and Challenge. <i>Frontiers in Genetics</i> , 2019, 10, 626.	1.1	295
877	Exosomal miR-16-5p as a target for malignant mesothelioma. <i>Scientific Reports</i> , 2019, 9, 11688.	1.6	40
878	Peripheral Circulating Exosome-Mediated Delivery of miR-155 as a Novel Mechanism for Acute Lung Inflammation. <i>Molecular Therapy</i> , 2019, 27, 1758-1771.	3.7	157
879	Role of the Exosome in Ovarian Cancer Progression and Its Potential as a Therapeutic Target. <i>Cancers</i> , 2019, 11, 1147.	1.7	54
880	Exosomes: Revisiting their role as "garbage bags". <i>Traffic</i> , 2019, 20, 815-828.	1.3	96
881	Exosome-delivered and Y RNA-derived small RNA suppresses influenza virus replication. <i>Journal of Biomedical Science</i> , 2019, 26, 58.	2.6	40
882	Mitochondrial cell-free DNA secreted from porcine granulosa cells. <i>Zygote</i> , 2019, 27, 272-278.	0.5	11
883	A review on protein markers of exosome from different bio-resources and the antibodies used for characterization. <i>Journal of Histotechnology</i> , 2019, 42, 226-239.	0.2	52
884	MDM2 Derived from Dedifferentiated Liposarcoma Extracellular Vesicles Induces MMP2 Production from Preadipocytes. <i>Cancer Research</i> , 2019, 79, 4911-4922.	0.4	23
885	Muscle-derived miR-34a increases with age in circulating extracellular vesicles and induces senescence of bone marrow stem cells. <i>Aging</i> , 2019, 11, 1791-1803.	1.4	119
886	Latest advances in extracellular vesicles: from bench to bedside. <i>Science and Technology of Advanced Materials</i> , 2019, 20, 746-757.	2.8	74
887	The biology of extracellular vesicles: The known unknowns. <i>PLoS Biology</i> , 2019, 17, e3000363.	2.6	345
888	Exosomes and Their Role in Cancer Progression. <i>Yonago Acta Medica</i> , 2019, 62, 182-190.	0.3	85
889	Circulating Noncoding RNAs Have a Promising Future Acting as Novel Biomarkers for Colorectal Cancer. <i>Disease Markers</i> , 2019, 2019, 1-13.	0.6	9
890	Differences in the miRNA signatures of chronic musculoskeletal pain patients from neuropathic or nociceptive origins. <i>PLoS ONE</i> , 2019, 14, e0219311.	1.1	20
891	Extracellular Vesicles in Cardiovascular Diseases: Alternative Biomarker Sources, Therapeutic Agents, and Drug Delivery Carriers. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3272.	1.8	81

#	ARTICLE	IF	CITATIONS
892	Analysis of circulating non-coding RNAs in a non-invasive and cost-effective manner. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 117, 242-262.	5.8	18
893	Tumor-derived extracellular vesicles: reliable tools for Cancer diagnosis and clinical applications. <i>Cell Communication and Signaling</i> , 2019, 17, 73.	2.7	138
894	The biological functions and clinical applications of exosomes in lung cancer. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 4613-4633.	2.4	90
895	Friend or Foe? Evidence Indicates Endogenous Exosomes Can Deliver Functional gRNA and Cas9 Protein. <i>Small</i> , 2019, 15, e1902686.	5.2	58
896	Initial Concentrations of miR-1 MicroRNA Precursor and High-Sensitivity Troponin in the Diagnosis of Non-ST Myocardial Infarction among Patients with and Those without Chronic Kidney Disease. <i>CardioRenal Medicine</i> , 2019, 9, 274-283.	0.7	1
897	New insights into extracellular vesicle biogenesis and function. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	152
898	Exosomes in intercellular communication and implications for osteoarthritis. <i>Rheumatology</i> , 2020, 59, 57-68.	0.9	40
899	Connecting gene expression to cellular movement: A transport model for cell migration. <i>Physical Review E</i> , 2019, 100, 032412.	0.8	1
900	Extracellular vesicles as a novel source of biomarkers in liquid biopsies for monitoring cancer progression and drug resistance. <i>Drug Resistance Updates</i> , 2019, 47, 100647.	6.5	104
901	c-Myc shuttled by tumour-derived extracellular vesicles promotes lung bronchial cell proliferation through miR-19b and miR-92a. <i>Cell Death and Disease</i> , 2019, 10, 759.	2.7	32
902	Radio-detoxified LPS alters bone marrow-derived extracellular vesicles and endothelial progenitor cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 313.	2.4	6
903	Role of epigenetics in alveolar bone resorption and regeneration around periodontal and peri-implant tissues. <i>European Journal of Oral Sciences</i> , 2019, 127, 477-493.	0.7	22
904	Extracellular vesicles nanoarray technology: Immobilization of individual extracellular vesicles on nanopatterned polyethylene glycol-lipid conjugate brushes. <i>PLoS ONE</i> , 2019, 14, e0224091.	1.1	17
905	Prdx4 limits caspase-1 activation and restricts inflammasome-mediated signaling by extracellular vesicles. <i>EMBO Journal</i> , 2019, 38, e101266.	3.5	27
906	The role of microvesicles containing microRNAs in vascular endothelial dysfunction. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 7933-7945.	1.6	37
907	Tumor-derived exosomes, myeloid-derived suppressor cells, and tumor microenvironment. <i>Journal of Hematology and Oncology</i> , 2019, 12, 84.	6.9	151
908	Biomarkers for Stratification in Colorectal Cancer: MicroRNAs. <i>Cancer Control</i> , 2019, 26, 107327481986278.	0.7	39
909	Inflammation potentiates miR-939 expression and packaging into small extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1650595.	5.5	38

#	ARTICLE	IF	CITATIONS
910	Exosomes in the Repair of Bone Defects: Next-Generation Therapeutic Tools for the Treatment of Nonunion. <i>BioMed Research International</i> , 2019, 2019, 1-11.	0.9	20
911	The Liver as an Endocrine Organ—Linking NAFLD and Insulin Resistance. <i>Endocrine Reviews</i> , 2019, 40, 1367-1393.	8.9	341
912	Keratinocyte exosomes activate neutrophils and enhance skin inflammation in psoriasis. <i>FASEB Journal</i> , 2019, 33, 13241-13253.	0.2	74
913	Dysregulation of microRNAs and target genes networks in human abdominal aortic aneurysm tissues. <i>PLoS ONE</i> , 2019, 14, e0222782.	1.1	11
914	Inflammatory role of extracellular sphingolipids in Cystic Fibrosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 116, 105622.	1.2	13
915	Nucleic acid-based theranostics in type 1 diabetes. <i>Translational Research</i> , 2019, 214, 50-61.	2.2	3
916	Extracellular miRNAs as Biomarkers of Head and Neck Cancer Progression and Metastasis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4799.	1.8	26
917	The Role of Exo-miRNAs in Cancer: A Focus on Therapeutic and Diagnostic Applications. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4687.	1.8	111
918	Circulating miRNA Profiling in Plasma Samples of Ovarian Cancer Patients. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4533.	1.8	29
919	Extracellular Vesicles as Vehicles for the Delivery of Food Bioactives. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2113-2119.	2.4	24
920	Extracellular Vesicle-Mediated Cell–Cell Communication in the Nervous System: Focus on Neurological Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 434.	1.8	112
921	Bone Marrow Mesenchymal Stem Cells-Derived Exosomal MiR-29b-3p Regulates Aging-Associated Insulin Resistance. <i>ACS Nano</i> , 2019, 13, 2450-2462.	7.3	119
922	Extracellular acidity and increased exosome release as key phenotypes of malignant tumors. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 93-101.	2.7	99
923	Involvement of plasma miRNAs, muscle miRNAs and mitochondrial miRNAs in the pathophysiology of frailty. <i>Experimental Gerontology</i> , 2019, 124, 110637.	1.2	34
924	Announcing the ISEV2019 special achievement award recipients: Takahiro Ochiya and Marca Wauben. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1620080.	5.5	1
925	An ARF6–Exportin-5 axis delivers pre-miRNA cargo to tumour microvesicles. <i>Nature Cell Biology</i> , 2019, 21, 856-866.	4.6	101
926	Involvement of Extracellular Vesicles in Vascular-Related Functions in Cancer Progression and Metastasis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2584.	1.8	53
927	Cancer extracellular vesicles contribute to stromal heterogeneity by inducing chemokines in cancer-associated fibroblasts. <i>Oncogene</i> , 2019, 38, 5566-5579.	2.6	87

#	ARTICLE	IF	CITATIONS
928	Periodontal ligament fibroblasts regulate osteoblasts by exosome secretion induced by inflammatory stimuli. <i>Archives of Oral Biology</i> , 2019, 105, 27-34.	0.8	35
929	Lipids in Exosome Biology. <i>Handbook of Experimental Pharmacology</i> , 2019, 259, 309-336.	0.9	20
930	Sensitive Plasmonic Detection of miR-10b in Biological Samples Using Enzyme-Assisted Target Recycling and Developed LSPR Probe. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 18923-18929.	4.0	34
931	The emerging research field of extracellular RNA: an editorial preface. <i>ExRNA</i> , 2019, 1, .	1.0	2
932	Biogenesis and function of extracellular miRNAs. <i>ExRNA</i> , 2019, 1, .	1.0	76
933	Silybin-Induced Apoptosis Occurs in Parallel to the Increase of Ceramides Synthesis and miRNAs Secretion in Human Hepatocarcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2190.	1.8	20
934	Metastatic Niches and the Modulatory Contribution of Mesenchymal Stem Cells and Its Exosomes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1946.	1.8	15
935	Identification of a six miRNA panel in serum benefiting pancreatic cancer diagnosis. <i>Cancer Medicine</i> , 2019, 8, 2810-2822.	1.3	84
936	Intercellular Vesicular Transfer by Exosomes, Microparticles and Oncosomes - Implications for Cancer Biology and Treatments. <i>Frontiers in Oncology</i> , 2019, 9, 125.	1.3	90
937	Aspirin inhibits hypoxia-mediated lung cancer cell stemness and exosome function. <i>Pathology Research and Practice</i> , 2019, 215, 152379.	1.0	28
938	Extracellular Vesicles as Novel Nanocarriers for Therapeutic Delivery. , 2019, , 391-407.		3
939	MicroRNA-Mediated Suppression of the TGF- $\beta$ 2 Pathway Confers Transmissible and Reversible CDK4/6 Inhibitor Resistance. <i>Cell Reports</i> , 2019, 26, 2667-2680.e7.	2.9	101
940	Emerging microRNA biomarkers for colorectal cancer diagnosis and prognosis. <i>Open Biology</i> , 2019, 9, 180212.	1.5	96
941	Extracellular Vesicles from Thyroid Carcinoma: The New Frontier of Liquid Biopsy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1114.	1.8	33
942	Src in endosomal membranes promotes exosome secretion and tumor progression. <i>Scientific Reports</i> , 2019, 9, 3265.	1.6	57
943	Neutral sphingomyelinase 2 inhibitors based on the 4-(1H-imidazol-2-yl)-2,6-dialkoxyphenol scaffold. <i>European Journal of Medicinal Chemistry</i> , 2019, 170, 276-289.	2.6	11
944	Exosome-derived miR-339-5p mediates radiosensitivity by targeting Cdc25A in locally advanced esophageal squamous cell carcinoma. <i>Oncogene</i> , 2019, 38, 4990-5006.	2.6	76
945	Exploiting the message from cancer: the diagnostic value of extracellular vesicles for clinical applications. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-9.	3.2	87

#	ARTICLE	IF	CITATIONS
946	Cerebral Thromboembolism after Lobectomy for Lung Cancer: Pathological Diagnosis and Mechanism of Thrombus Formation. <i>Cancers</i> , 2019, 11, 488.	1.7	11
947	Exosome nanocarriers. , 2019, , 189-218.		2
948	Extracellular vesicles-mediated intercellular communication: roles in the tumor microenvironment and anti-cancer drug resistance. <i>Molecular Cancer</i> , 2019, 18, 55.	7.9	304
949	Suppression of Exosomal PD-L1 Induces Systemic Anti-tumor Immunity and Memory. <i>Cell</i> , 2019, 177, 414-427.e13.	13.5	847
950	The Extracellular RNA Communication Consortium: Establishing Foundational Knowledge and Technologies for Extracellular RNA Research. <i>Cell</i> , 2019, 177, 231-242.	13.5	152
951	Mesenchymal stem cell therapies in brain disease. <i>Seminars in Cell and Developmental Biology</i> , 2019, 95, 111-119.	2.3	31
952	Extracellular and intracellular microRNAs in pancreatic cancer: from early diagnosis to reducing chemoresistance. <i>ExRNA</i> , 2019, 1, .	1.0	4
953	Adipose-derived exosomes: A novel adipokine in obesity-associated diabetes. <i>Journal of Cellular Physiology</i> , 2019, 234, 16692-16702.	2.0	42
954	Blockage of transferred exosome-shuttled miR-494 inhibits melanoma growth and metastasis. <i>Journal of Cellular Physiology</i> , 2019, 234, 15763-15774.	2.0	48
955	Exosomal transfer of obesity adipose tissue for decreased miR-141-3p mediate insulin resistance of hepatocytes. <i>International Journal of Biological Sciences</i> , 2019, 15, 351-368.	2.6	55
956	Intracellular bacteria engage a STING-TBK1-MVB12b pathway to enable paracrine cGAS-STING signalling. <i>Nature Microbiology</i> , 2019, 4, 701-713.	5.9	100
957	The Relationship between Exosomes and Cancer: Implications for Diagnostics and Therapeutics. <i>BioDrugs</i> , 2019, 33, 137-158.	2.2	18
958	Effects of Aerobic and Resistance Training on Circulating Micro-RNA Expression Profile in Subjects With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1119-1130.	1.8	23
959	Extracellular RNA in renal diseases. <i>ExRNA</i> , 2019, 1, .	1.0	4
960	Therapeutic potential role of exosomes for ischemic stroke. <i>Brain Science Advances</i> , 2019, 5, 128-143.	0.3	13
961	The dual functional role of MicroRNA-18a (miR-18a) in cancer development. <i>Clinical and Translational Medicine</i> , 2019, 8, 32.	1.7	55
962	Induction of multiple myeloma bone marrow stromal cell apoptosis by inhibiting extracellular vesicle miR-10a secretion. <i>Blood Advances</i> , 2019, 3, 3228-3240.	2.5	27
963	MicroRNA-A Tumor Trojan Horse for Tumor-Associated Macrophages. <i>Cells</i> , 2019, 8, 1482.	1.8	29



#	ARTICLE	IF	CITATIONS
964	Extracellular Vesiclesâ€”Connecting Kingdoms. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5695.	1.8	177
965	NeuroEVs: Characterizing Extracellular Vesicles Generated in the Neural Domain. <i>Journal of Neuroscience</i> , 2019, 39, 9262-9268.	1.7	35
966	Ping-Pongâ€”Tumor and Host in Pancreatic Cancer Progression. <i>Frontiers in Oncology</i> , 2019, 9, 1359.	1.3	25
967	A Strong Decrease in TIMP3 Expression Mediated by the Presence of miR-17 and 20a Enables Extracellular Matrix Remodeling in the NSCLC Lesion Surroundings. <i>Frontiers in Oncology</i> , 2019, 9, 1372.	1.3	20
968	Immune-Related Circulating miR-125b-5p and miR-99a-5p Reveal a High Recurrence Risk Group of Pancreatic Cancer Patients after Tumor Resection. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4784.	1.3	4
969	Identification and Validation Model for Informative Liquid Biopsy-Based microRNA Biomarkers: Insights from Germ Cell Tumor In Vitro, In Vivo and Patient-Derived Data. <i>Cells</i> , 2019, 8, 1637.	1.8	73
970	&lt;p&gt;The Intracellular Delivery Of Anti-HPV16 E7 scFvs Through Engineered Extracellular Vesicles Inhibits The Proliferation Of HPV-Infected Cells&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 8755-8768.	3.3	18
971	Cancer-Derived Extracellular Vesicle-Associated MicroRNAs in Intercellular Communication: One Cellâ€™s Trash Is Another Cellâ€™s Treasure. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6109.	1.8	47
972	Extracellular Vesicles as Conduits of Non-Coding RNA Emission and Intercellular Transfer in Brain Tumors. <i>Non-coding RNA</i> , 2019, 5, 1.	1.3	48
973	Oncogenic Regulation of Extracellular Vesicle Proteome and Heterogeneity. <i>Proteomics</i> , 2019, 19, e1800169.	1.3	27
974	Exosomes: The next generation of endogenous nanomaterials for advanced drug delivery and therapy. <i>Acta Biomaterialia</i> , 2019, 86, 1-14.	4.1	275
975	Elevated Wall Tension Leads to Reduced miRâ€”133a in the Thoracic Aorta by Exosome Release. <i>Journal of the American Heart Association</i> , 2019, 8, e010332.	1.6	15
976	Role of tumor-derived exosomes in cancer metastasis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 12-19.	3.3	82
977	Circulating miRNAs as Tumor Biomarkers. , 2019, , 191-206.		2
978	Exosomal miR-155 Derived from Hepatocellular Carcinoma Cells Under Hypoxia Promotes Angiogenesis in Endothelial Cells. <i>Digestive Diseases and Sciences</i> , 2019, 64, 792-802.	1.1	88
979	Extracellular membrane vesicles in the three domains of life and beyond. <i>FEMS Microbiology Reviews</i> , 2019, 43, 273-303.	3.9	289
980	Extracellular vesicles mediate improved functional outcomes in engineered cartilage produced from MSC/chondrocyte cocultures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1569-1578.	3.3	47
981	Prostate cancer cells and exosomes in acidic condition show increased carbonic anhydrase IX expression and activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 272-278.	2.5	59

#	ARTICLE	IF	CITATIONS
982	Neuronal extracellular microRNAs miR-124 and miR-9 mediate cell-cell communication between neurons and microglia. <i>Journal of Neuroscience Research</i> , 2019, 97, 162-184.	1.3	44
983	Detection of circulating microRNAs with Ago2 complexes to monitor the tumor dynamics of colorectal cancer patients during chemotherapy. <i>International Journal of Cancer</i> , 2019, 144, 2169-2180.	2.3	22
984	Conophylline suppresses pancreatic cancer desmoplasia and cancer-promoting cytokines produced by cancer-associated fibroblasts. <i>Cancer Science</i> , 2019, 110, 334-344.	1.7	28
985	S-MiRAGE: A Quantitative, Secreted RNA-Based Reporter of Gene Expression and Cell Persistence. <i>ACS Synthetic Biology</i> , 2019, 8, 25-33.	1.9	0
986	Lymphocyte-Derived Exosomal MicroRNAs Promote Pancreatic $\beta$ Cell Death and May Contribute to Type 1 Diabetes Development. <i>Cell Metabolism</i> , 2019, 29, 348-361.e6.	7.2	200
987	Changes of microRNAs expression profiles from red swamp crayfish ( <i>Procambarus clarkia</i> ) hemolymph exosomes in response to WSSV infection. <i>Fish and Shellfish Immunology</i> , 2019, 84, 169-177.	1.6	16
988	Eutopic stromal cells of endometriosis promote neuroangiogenesis via exosome pathway. <i>Biology of Reproduction</i> , 2019, 100, 649-659.	1.2	35
989	miRNA-based therapeutic potential of stem cell-derived extracellular vesicles: a safe cell-free treatment to ameliorate radiation-induced brain injury. <i>International Journal of Radiation Biology</i> , 2019, 95, 427-435.	1.0	32
990	Identification of stress-related microRNA biomarkers in type 2 diabetes mellitus: A systematic review and meta-analysis. <i>Journal of Diabetes</i> , 2020, 12, 633-644.	0.8	50
991	Physiological and pathological functions of prostasomes: From basic research to clinical application. , 2020, , 101-121.		4
992	Exosomes as intercellular communication messengers for cardiovascular and cerebrovascular diseases. , 2020, , 199-238.		5
993	Extracellular vesicles in fibrotic diseases: New applications for fibrosis diagnosis and treatment. , 2020, , 307-323.		0
994	Microvesicles (MVs) secreted from adipose-derived stem cells (ADSCs) contain multiple microRNAs and promote the migration and invasion of endothelial cells. <i>Genes and Diseases</i> , 2020, 7, 225-234.	1.5	36
995	Exosomes derived from oviduct cells mediate the EGFR/MAPK signaling pathway in cumulus cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 1386-1404.	2.0	24
996	Urinary extracellular vesicles: Origin, role as intercellular messengers and biomarkers; efficient sorting and potential treatment options. <i>Acta Physiologica</i> , 2020, 228, e13346.	1.8	62
997	Extracellular vesicles as biomarkers and therapeutic targets for cancer. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C29-C39.	2.1	162
998	The prospective role of mesenchymal stem cells exosomes on circumvallate taste buds in induced Alzheimer's disease of ovariectomized albino rats. <i>Archives of Oral Biology</i> , 2020, 110, 104596.	0.8	10
999	Personality changes following heart transplantation: The role of cellular memory. <i>Medical Hypotheses</i> , 2020, 135, 109468.	0.8	11

#	ARTICLE	IF	CITATIONS
1000	miR-409-3p is reduced in plasma and islet immune infiltrates of NOD diabetic mice and is differentially expressed in people with type 1 diabetes. <i>Diabetologia</i> , 2020, 63, 124-136.	2.9	23
1001	Circulating plasma exosomes in obstructive sleep apnoea and reverse dipping blood pressure. <i>European Respiratory Journal</i> , 2020, 55, 1901072.	3.1	17
1002	Endosomal dysfunction impacts extracellular vesicle release: Central role in A $\beta$ pathology. <i>Ageing Research Reviews</i> , 2020, 58, 101006.	5.0	29
1003	An insight of microRNAs performance in carcinogenesis and tumorigenesis; an overview of cancer therapy. <i>Life Sciences</i> , 2020, 240, 117077.	2.0	42
1004	Generation, purification and engineering of extracellular vesicles and their biomedical applications. <i>Methods</i> , 2020, 177, 114-125.	1.9	42
1005	Next Stage Approach to Tissue Engineering Skeletal Muscle. <i>Bioengineering</i> , 2020, 7, 118.	1.6	9
1006	Circulating exosomal microRNAs as emerging non-invasive clinical biomarkers in heart failure: Mega bio-roles of a nano bio-particle. <i>IUBMB Life</i> , 2020, 72, 2546-2562.	1.5	26
1007	Nicotine-mediated upregulation of microRNA-141 expression determines adipokine-intervened insulin resistance. <i>Environmental Toxicology and Pharmacology</i> , 2020, 80, 103506.	2.0	9
1008	Mesenchymal stem cell secretions improve donor heart function following ex vivo cold storage. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e277-e292.	0.4	19
1009	In vivo imaging of long-term accumulation of cancer-derived exosomes using a BRET-based reporter. <i>Scientific Reports</i> , 2020, 10, 16616.	1.6	17
1010	Exosomes mediate an epithelial-mesenchymal transition cascade in retinal pigment epithelial cells: Implications for proliferative vitreoretinopathy. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 13324-13335.	1.6	26
1011	Efficient encapsulation of biocompatible nanoparticles in exosomes for cancer theranostics. <i>Nano Today</i> , 2020, 35, 100964.	6.2	33
1012	Binding of RNA Aptamers to Membrane Lipid Rafts: Implications for Exosomal miRNAs Transfer from Cancer to Immune Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8503.	1.8	15
1013	Exosomal MiR-769-5p Exacerbates Ultraviolet-Induced Bystander Effect by Targeting TGFBR1. <i>Frontiers in Physiology</i> , 2020, 11, 603081.	1.3	10
1014	Exosomes from adipose tissue-derived mesenchymal stem cells ameliorate histone-induced acute lung injury by activating the PI3K/Akt pathway in endothelial cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 508.	2.4	41
1015	Extracellular MicroRNAs as Intercellular Mediators and Noninvasive Biomarkers of Cancer. <i>Cancers</i> , 2020, 12, 3455.	1.7	26
1016	High-Density Lipoproteins as Homeostatic Nanoparticles of Blood Plasma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8737.	1.8	18
1017	MicroRNAs from Liquid Biopsy Derived Extracellular Vesicles: Recent Advances in Detection and Characterization Methods. <i>Cancers</i> , 2020, 12, 2009.	1.7	40

#	ARTICLE	IF	CITATIONS
1018	The miRâ€1908/SRM regulatory axis contributes to extracellular vesicle secretion in prostate cancer. <i>Cancer Science</i> , 2020, 111, 3258-3267.	1.7	11
1019	Extracellular Vesicles from Fibroblasts Induce Epithelial-Cell Senescence in Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 623-636.	1.4	63
1020	The Emerging Role of Extracellular Vesicles in the Glioma Microenvironment: Biogenesis and Clinical Relevance. <i>Cancers</i> , 2020, 12, 1964.	1.7	19
1021	New Insights into the Role of Sphingolipid Metabolism in Melanoma. <i>Cells</i> , 2020, 9, 1967.	1.8	15
1022	The Role of Exosomes in Stemness and Neurodegenerative Diseasesâ€”Chemoresistant-Cancer Therapeutics and Phytochemicals. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6818.	1.8	25
1023	Circulating Tumour DNAs and Non-Coding RNAs as Liquid Biopsies for the Management of Colorectal Cancer Patients. <i>Gastrointestinal Disorders</i> , 2020, 2, 212-235.	0.4	7
1024	Dengue Virus Degrades USP33â€ATF3 Axis via Extracellular Vesicles to Activate Human Microglial Cells. <i>Journal of Immunology</i> , 2020, 205, 1787-1798.	0.4	19
1025	Extracellular Vesicles in Bone Metastasis: Key Players in the Tumor Microenvironment and Promising Therapeutic Targets. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6680.	1.8	16
1026	Exosomal miRNAs as Potential Diagnostic Biomarkers in Alzheimerâ€™s Disease. <i>Pharmaceuticals</i> , 2020, 13, 243.	1.7	36
1027	MicroRNAs as Biomarkers and Therapeutic Targets in Inflammation- and Ischemia-Reperfusion-Related Acute Renal Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6738.	1.8	30
1028	Circulating Exosomal miRNAs Signal Circadian Misalignment to Peripheral Metabolic Tissues. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6396.	1.8	23
1029	Exosome: A Novel Nanocarrier Delivering Noncoding RNA for Bone Tissue Engineering. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-14.	1.5	5
1030	Extracellular Vesicles Orchestrate Immune and Tumor Interaction Networks. <i>Cancers</i> , 2020, 12, 3696.	1.7	12
1031	Roles of Lysyl Oxidase Family Members in the Tumor Microenvironment and Progression of Liver Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9751.	1.8	23
1032	An Overview of Exosomes in Cancer Therapy: A Small Solution to a Big Problem. <i>Processes</i> , 2020, 8, 1561.	1.3	7
1033	The Role of Paracrine Regulation of Mesenchymal Stem Cells in the Crosstalk With Macrophages in Musculoskeletal Diseases: A Systematic Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 587052.	2.0	10
1034	Exosomal circRNAs: Sorting Mechanisms, Roles and Clinical Applications in Tumors. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 581558.	1.8	17
1035	Cardiosphere-derived exosomal microRNAs for myocardial repair in pediatric dilated cardiomyopathy. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	55

#	ARTICLE	IF	CITATIONS
1036	Epigenetic Mechanisms in Immune Disease: The Significance of Toll-Like Receptor-Binding Extracellular Vesicle-Encapsulated microRNA. <i>Frontiers in Genetics</i> , 2020, 11, 578335.	1.1	5
1037	High Expression of miR-204 in Chicken Atrophic Ovaries Promotes Granulosa Cell Apoptosis and Inhibits Autophagy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 580072.	1.8	22
1038	Biology of extracellular vesicles secreted from senescent cells as senescence-associated secretory phenotype factors. <i>Geriatrics and Gerontology International</i> , 2020, 20, 539-546.	0.7	37
1039	Radiotherapy-induced overexpression of exosomal miRNA-378a-3p in cancer cells limits natural killer cells cytotoxicity. <i>Epigenomics</i> , 2020, 12, 397-408.	1.0	34
1040	DNA Damage Regulates Senescence-Associated Extracellular Vesicle Release via the Ceramide Pathway to Prevent Excessive Inflammatory Responses. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3720.	1.8	45
1042	Circulating microRNAs: Next-generation Cancer Detection. <i>Keio Journal of Medicine</i> , 2020, 69, 88-96.	0.5	10
1043	Extracellular vesicle cross-talk in the liposarcoma microenvironment. <i>Cancer Letters</i> , 2020, 487, 27-33.	3.2	10
1044	RNA delivery by extracellular vesicles in mammalian cells and its applications. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 585-606.	16.1	1,010
1045	Increased expression of miR142 and miR155 in glial and immune cells after traumatic brain injury may contribute to neuroinflammation via astrocyte activation. <i>Brain Pathology</i> , 2020, 30, 897-912.	2.1	23
1046	Human Cytomegalovirus Utilizes Extracellular Vesicles To Enhance Virus Spread. <i>Journal of Virology</i> , 2020, 94, .	1.5	21
1047	Role of exosomal miRâ€21 in the tumor microenvironment and osteosarcoma tumorigenesis and progression (Review). <i>International Journal of Oncology</i> , 2020, 56, 1055-1063.	1.4	20
1048	Advances in the discovery of exosome inhibitors in cancer. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1322-1330.	2.5	74
1049	Hypermethylation of the miR-155 gene in the whole blood and decreased plasma level of miR-155 in rheumatoid arthritis. <i>PLoS ONE</i> , 2020, 15, e0233897.	1.1	12
1050	<scp>MiRNAs</scp> as potential biomarker of kidney diseases: A review. <i>Cell Biochemistry and Function</i> , 2020, 38, 990-1005.	1.4	23
1051	Comprehensive landscape of extracellular vesicle-derived RNAs in cancer initiation, progression, metastasis and cancer immunology. <i>Molecular Cancer</i> , 2020, 19, 102.	7.9	129
1052	Effect of Palmitic Acid on Exosome-Mediated Secretion and Invasive Motility in Prostate Cancer Cells. <i>Molecules</i> , 2020, 25, 2722.	1.7	10
1053	Diagnostic and Therapeutic Applications of Exosomes in Cancer with a Special Focus on Head and Neck Squamous Cell Carcinoma (HNSCC). <i>International Journal of Molecular Sciences</i> , 2020, 21, 4344.	1.8	20
1054	Cloaked Viruses and Viral Factors in Cutting Edge Exosome-Based Therapies. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 376.	1.8	24

#	ARTICLE	IF	CITATIONS
1055	Exosome-Derived LINC00960 and LINC02470 Promote the Epithelial-Mesenchymal Transition and Aggressiveness of Bladder Cancer Cells. <i>Cells</i> , 2020, 9, 1419.	1.8	34
1056	Unique glycan and lipid composition of helminth-derived extracellular vesicles may reveal novel roles in host-parasite interactions. <i>International Journal for Parasitology</i> , 2020, 50, 647-654.	1.3	12
1058	Exosomes as a Source of Cancer Biomarkers: Advances in Electrochemical Biosensing of Exosomes. <i>ChemElectroChem</i> , 2020, 7, 1956-1973.	1.7	23
1059	Genetic labeling of extracellular vesicles for studying biogenesis and uptake in living mammalian cells. <i>Methods in Enzymology</i> , 2020, 645, 1-14.	0.4	4
1060	Erythropoietin induces miRNA-210 by JAK2/STAT5 signaling in PBMCs of End-stage Renal Disease patients. <i>FEBS Journal</i> , 2020, 287, 5167-5182.	2.2	4
1061	Exosomes are the Driving Force in Preparing the Soil for the Metastatic Seeds: Lessons from the Prostate Cancer. <i>Cells</i> , 2020, 9, 564.	1.8	42
1062	iTAG-RNA Isolates Cell-Specific Transcriptional Responses to Environmental Stimuli and Identifies an RNA-Based Endocrine Axis. <i>Cell Reports</i> , 2020, 30, 3183-3194.e4.	2.9	6
1063	Circulating microRNA expression profiling revealed miR-92a-3p as a novel biomarker of Barrett's carcinogenesis. <i>Pathology Research and Practice</i> , 2020, 216, 152907.	1.0	17
1064	Platelet-derived exosomes promote neutrophil extracellular trap formation during septic shock. <i>Critical Care</i> , 2020, 24, 380.	2.5	79
1065	Extracellular Vesicles in Cancer Metastasis: Potential as Therapeutic Targets and Materials. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4463.	1.8	50
1066	Extracellular Vesicles as Delivery Vehicles of Specific Cellular Cargo. <i>Cells</i> , 2020, 9, 1601.	1.8	66
1067	YAP Non-cell-autonomously Promotes Pluripotency Induction in Mouse Cells. <i>Stem Cell Reports</i> , 2020, 14, 730-743.	2.3	19
1068	Endothelial cell-derived extracellular vesicles alter vascular smooth muscle cell phenotype through high-mobility group box proteins. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1781427.	5.5	45
1069	The RNA-binding protein hnRNPU regulates the sorting of microRNA-30c5p into large extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1786967.	5.5	56
1070	Exosome-mediated transfer of miR-1260b promotes cell invasion through Wnt/β-catenin signaling pathway in lung adenocarcinoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 6843-6853.	2.0	41
1071	MicroRNA exporter HuR clears the internalized pathogens by promoting pro-inflammatory response in infected macrophages. <i>EMBO Molecular Medicine</i> , 2020, 12, e11011.	3.3	24
1072	Cytosine methylation of mature microRNAs inhibits their functions and is associated with poor prognosis in glioblastoma multiforme. <i>Molecular Cancer</i> , 2020, 19, 36.	7.9	60
1073	Exosomal miRNAs: novel players in viral infection. <i>Epigenomics</i> , 2020, 12, 353-370.	1.0	58

#	ARTICLE	IF	CITATIONS
1074	Free and hydrogel encapsulated exosome-based therapies in regenerative medicine. <i>Life Sciences</i> , 2020, 249, 117447.	2.0	106
1075	Inside(sight) of tiny communicator: exosome biogenesis, secretion, and uptake. <i>Molecular and Cellular Biochemistry</i> , 2020, 467, 77-94.	1.4	146
1076	Extracellular vesicles: Novel regulators of conceptus-uterine interactions?. <i>Theriogenology</i> , 2020, 150, 106-112.	0.9	18
1077	A CRISPR-Cas9-based reporter system for single-cell detection of extracellular vesicle-mediated functional transfer of RNA. <i>Nature Communications</i> , 2020, 11, 1113.	5.8	99
1078	Non-Exosomal and Exosomal Circulatory MicroRNAs: Which Are More Valid as Biomarkers?. <i>Frontiers in Pharmacology</i> , 2019, 10, 1500.	1.6	129
1079	Strand displacement-triggered G-quadruplex/rolling circle amplification strategy for the ultra-sensitive electrochemical sensing of exosomal microRNAs. <i>Mikrochimica Acta</i> , 2020, 187, 172.	2.5	44
1080	Where does the cargo go?: Solutions to provide experimental support for the "extracellular vesicle cargo transfer hypothesis". <i>Journal of Cell Communication and Signaling</i> , 2020, 14, 135-146.	1.8	40
1081	Circulating microRNA in extracellular vesicles as potential biomarkers for psoriatic arthritis in patients with psoriasis. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 1248-1256.	1.3	42
1082	Curcumin stimulates exosome/microvesicle release in an in vitro model of intracellular lipid accumulation by increasing ceramide synthesis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158638.	1.2	17
1083	Treg-Cell-Derived IL-35-Coated Extracellular Vesicles Promote Infectious Tolerance. <i>Cell Reports</i> , 2020, 30, 1039-1051.e5.	2.9	93
1084	The Current State of MicroRNAs as Restenosis Biomarkers. <i>Frontiers in Genetics</i> , 2019, 10, 1247.	1.1	10
1085	miRNAs as Influencers of Cell-Cell Communication in Tumor Microenvironment. <i>Cells</i> , 2020, 9, 220.	1.8	53
1086	miR-26a regulates extracellular vesicle secretion from prostate cancer cells via targeting SHC4, PFDN4, and CHORDC1. <i>Science Advances</i> , 2020, 6, eaay3051.	4.7	39
1087	Anti-inflammatory effects of miRNA-146a induced in adipose and periodontal tissues. <i>Biochemistry and Biophysics Reports</i> , 2020, 22, 100757.	0.7	17
1088	Circulating microRNAs in Response to Exercise Training in Healthy Adults. <i>Frontiers in Genetics</i> , 2020, 11, 256.	1.1	33
1089	Pathophysiological Role and Potential Therapeutic Exploitation of Exosomes in Ovarian Cancer. <i>Cells</i> , 2020, 9, 814.	1.8	23
1090	Lysosomal Exocytosis, Exosome Release and Secretory Autophagy: The Autophagic- and Endo-Lysosomal Systems Go Extracellular. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2576.	1.8	218
1091	Antiatherogenic Effect of Stem Cell Nanovesicles Targeting Disturbed Flow Sites. <i>Small</i> , 2020, 16, e2000012.	5.2	14



#	ARTICLE	IF	CITATIONS
1092	Hypoxia in tumor microenvironment regulates exosome biogenesis: Molecular mechanisms and translational opportunities. <i>Cancer Letters</i> , 2020, 479, 23-30.	3.2	103
1093	Exosomes Facilitate Transmission of Enterovirus A71 From Human Intestinal Epithelial Cells. <i>Journal of Infectious Diseases</i> , 2020, 222, 456-469.	1.9	23
1094	Approaches to inducing antigen-specific immune tolerance in allergy and autoimmunity: Focus on antigen-presenting cells and extracellular vesicles. <i>Scandinavian Journal of Immunology</i> , 2020, 91, e12881.	1.3	12
1095	The Biogenesis, Biology, and Clinical Significance of Exosomal PD-L1 in Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 604.	2.2	51
1096	Sorting Mechanisms for MicroRNAs into Extracellular Vesicles and Their Associated Diseases. <i>Cells</i> , 2020, 9, 1044.	1.8	207
1097	Exosomal miRNAs in hepatitis B virus related liver disease: a new hope for biomarker. <i>Gut Pathogens</i> , 2020, 12, 23.	1.6	30
1098	Dissecting miRNA facilitated physiology and function in human breast cancer for therapeutic intervention. <i>Seminars in Cancer Biology</i> , 2021, 72, 46-64.	4.3	35
1099	Engineered-extracellular vesicles as an optimistic tool for microRNA delivery for osteoarthritis treatment. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 79-91.	2.4	27
1100	Mesenchymal stem cell-derived small extracellular vesicles and bone regeneration. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 128, 18-36.	1.2	47
1101	Deciphering the messages carried by extracellular vesicles in hematological malignancies. <i>Blood Reviews</i> , 2021, 46, 100734.	2.8	21
1102	Up-Regulation of Nfat5 mRNA and Fzd4 mRNA as a Marker of Poor Outcome in Neonatal Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2021, 228, 74-81.e2.	0.9	6
1103	Shedding Light on Extracellular Vesicle Biogenesis and Bioengineering. <i>Advanced Science</i> , 2021, 8, 2003505.	5.6	192
1104	Engineering approaches for effective therapeutic applications based on extracellular vesicles. <i>Journal of Controlled Release</i> , 2021, 330, 15-30.	4.8	45
1105	Role of exosomal microRNA signatures: An emerging factor in preeclampsia-mediated cardiovascular disease. <i>Placenta</i> , 2021, 103, 226-231.	0.7	5
1106	Exosomes derived from miR-34a-overexpressing mesenchymal stem cells inhibit in vitro tumor growth: A new approach for drug delivery. <i>Life Sciences</i> , 2021, 266, 118871.	2.0	53
1107	Extracellular vesicles shed from gastric cancer mediate protumor macrophage differentiation. <i>BMC Cancer</i> , 2021, 21, 102.	1.1	10
1108	Sirtuins as regulators and the regulated molecules of exosomes. , 2021, , 91-101.		0
1109	Significance of trogocytosis and exosome-mediated transport in establishing and maintaining the tumor microenvironment in lymphoid malignancies. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2021, 61, 192-201.	0.3	4

#	ARTICLE	IF	CITATIONS
1110	EMT Participates in the Regulation of Exosomes Secretion and Function in Esophageal Cancer Cells. <i>Technology in Cancer Research and Treatment</i> , 2021, 20, 153303382110330.	0.8	7
1111	OUP accepted manuscript. <i>Nutrition Reviews</i> , 2021, , .	2.6	6
1112	miR-210 and miR-152 as Biomarkers by Liquid Biopsy in Invasive Ductal Carcinoma. <i>Journal of Personalized Medicine</i> , 2021, 11, 31.	1.1	7
1113	Clinical Potential of Extracellular Vesicles in Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2020, 11, 596811.	1.5	15
1114	Biomarkers in ovarian cancer and saliva: An update. , 0, 2, 1.		4
1115	Precision Medicine Approaches to Prevent Gastric Cancer. <i>Gut and Liver</i> , 2021, 15, 3-12.	1.4	29
1116	The Immune Microenvironment in Cartilage Injury, Repair and Regeneration. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1117	Diverse roles of EV-RNA in cancer progression. <i>Seminars in Cancer Biology</i> , 2021, 75, 127-135.	4.3	10
1118	MicroRNAs as theranostic markers in cardiac allograft transplantation: from murine models to clinical practice. <i>Theranostics</i> , 2021, 11, 6058-6073.	4.6	9
1119	High Throughput Sequencing of MicroRNA in Rainbow Trout Plasma, Mucus, and Surrounding Water Following Acute Stress. <i>Frontiers in Physiology</i> , 2020, 11, 588313.	1.3	24
1120	Selective exosome exclusion of miR-375 by glioma cells promotes glioma progression by activating the CTGF-EGFR pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 16.	3.5	24
1121	A Universal Measurement Method for Nanoparticle Number Concentration Based on Atomic Force Microscope. <i>IEEE Nanotechnology Magazine</i> , 2021, , 1-1.	1.1	1
1122	Tiny miRNAs Play a Big Role in the Treatment of Breast Cancer Metastasis. <i>Cancers</i> , 2021, 13, 337.	1.7	13
1123	Liquid biopsy in chronic liver disease. <i>Annals of Hepatology</i> , 2021, 20, 100197.	0.6	14
1124	The Role of Deregulated MicroRNAs in Age-Related Macular Degeneration Pathology. <i>Translational Vision Science and Technology</i> , 2021, 10, 12.	1.1	23
1125	Small extracellular vesiclesâ€based cellâ€free strategies for therapy. <i>MedComm</i> , 2021, 2, 17-26.	3.1	9
1126	Progress of exosomes in the diagnosis and treatment of lung cancer. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111111.	2.5	89
1127	Extracellular vesicle cargo of the male reproductive tract and the paternal preconception environment. <i>Systems Biology in Reproductive Medicine</i> , 2021, 67, 103-111.	1.0	13

#	ARTICLE	IF	CITATIONS
1128	Exosomes and Cell Communication: From Tumour-Derived Exosomes and Their Role in Tumour Progression to the Use of Exosomal Cargo for Cancer Treatment. <i>Cancers</i> , 2021, 13, 822.	1.7	40
1129	Colorectal Cancerâ€‘Derived CAT1-Positive Extracellular Vesicles Alter Nitric Oxide Metabolism in Endothelial Cells and Promote Angiogenesis. <i>Molecular Cancer Research</i> , 2021, 19, 834-846.	1.5	18
1130	Dissecting the effects of preconditioning with inflammatory cytokines and hypoxia on the angiogenic potential of mesenchymal stromal cell (MSC)-derived soluble proteins and extracellular vesicles (EVs). <i>Biomaterials</i> , 2021, 269, 120633.	5.7	59
1131	Immature adipocyteâ€‘derived exosomes inhibit expression of muscle differentiation markers. <i>FEBS Open Bio</i> , 2021, 11, 768-781.	1.0	1
1132	Diagnostic and Therapeutic Applications of Exosome Nanovesicles in Lung Cancer: State-of-The-Art. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 22, 83-100.	0.9	3
1133	MicroRNA 21 Emerging Role in Diabetic Complications: A Critical Update. <i>Current Diabetes Reviews</i> , 2021, 17, 122-135.	0.6	25
1134	Detection of tumor-derived extracellular vesicles in plasma from patients with solid cancer. <i>BMC Cancer</i> , 2021, 21, 315.	1.1	18
1135	Neutral sphingomyelinaseâ€‘2 and cardiometabolic diseases. <i>Obesity Reviews</i> , 2021, 22, e13248.	3.1	21
1136	The Role of Exosomes in Breast Cancer Diagnosis. <i>Biomedicines</i> , 2021, 9, 312.	1.4	20
1137	Potential of Exosomes for Diagnosis and Treatment of Joint Disease: Towards a Point-of-Care Therapy for Osteoarthritis of the Knee. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2666.	1.8	10
1138	Overcoming Chemoresistance via Extracellular Vesicle Inhibition. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 629874.	1.6	21
1139	RNAs on the Go: Extracellular Transfer in Insects with Promising Prospects for Pest Management. <i>Plants</i> , 2021, 10, 484.	1.6	5
1140	Restoring Tissue Homeostasis at Metastatic Sites: A Focus on Extracellular Vesicles in Bone Metastasis. <i>Frontiers in Oncology</i> , 2021, 11, 644109.	1.3	13
1141	Circulating MicroRNAs in Blood and Other Body Fluids as Biomarkers for Diagnosis, Prognosis, and Therapy Response in Lung Cancer. <i>Diagnostics</i> , 2021, 11, 421.	1.3	12
1142	MicroRNA biomarkers of type 2 diabetes: A protocol for corroborating evidence by computational genomics and meta-analyses. <i>PLoS ONE</i> , 2021, 16, e0247556.	1.1	4
1143	The Role of Exosomes in Lysosomal Storage Disorders. <i>Biomolecules</i> , 2021, 11, 576.	1.8	13
1144	Exosomal Transfer of miR-185 Is Controlled by hnRNPA2B1 and Impairs Re-endothelialization After Vascular Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 619444.	1.8	14
1145	Plant-derived xenomiRs and cancer: Cross-kingdom gene regulation. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2408-2422.	1.8	11

#	ARTICLE	IF	CITATIONS
1146	Exosomal microRNAs in colorectal cancer: Overcoming barriers of the metastatic cascade (Review). <i>International Journal of Molecular Medicine</i> , 2021, 47, .	1.8	16
1147	Unresolved Issues in RNA Therapeutics in Vascular Diseases With a Focus on Aneurysm Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 571076.	1.1	4
1148	Exosomes as new therapeutic vectors for pancreatic cancer treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 161, 4-14.	2.0	13
1149	GW182 Proteins Restrict Extracellular Vesicle-Mediated Export of MicroRNAs in Mammalian Cancer Cells. <i>Molecular and Cellular Biology</i> , 2021, 41, .	1.1	10
1150	Caveolinâ€1â€driven membrane remodelling regulates hnRNPKâ€mediated exosomal microRNA sorting in cancer. <i>Clinical and Translational Medicine</i> , 2021, 11, e381.	1.7	19
1151	Examining the evidence for extracellular RNA function in mammals. <i>Nature Reviews Genetics</i> , 2021, 22, 448-458.	7.7	41
1152	lncRNA PVT1 in the Pathogenesis and Clinical Management of Renal Cell Carcinoma. <i>Biomolecules</i> , 2021, 11, 664.	1.8	22
1153	Multiplexed targeting of miRNA-210 in stem cell-derived extracellular vesicles promotes selective regeneration in ischemic hearts. <i>Experimental and Molecular Medicine</i> , 2021, 53, 695-708.	3.2	17
1154	Extracellular vesicles in prostate cancer: a narrative review. <i>Translational Andrology and Urology</i> , 2021, 10, 1890-1907.	0.6	17
1155	Mesenchymal Stem Cell-Derived Exosomes and Their Therapeutic Potential for Osteoarthritis. <i>Biology</i> , 2021, 10, 285.	1.3	22
1156	The exosome journey: from biogenesis to uptake and intracellular signalling. <i>Cell Communication and Signaling</i> , 2021, 19, 47.	2.7	606
1157	Targeting microRNAs by curcumin: implication for cancer therapy. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7718-7729.	5.4	6
1158	MicroRNA expression profiling and biomarker validation in treatment-naïve and drug resistant non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2021, 10, 1773-1791.	1.3	7
1159	Rapid Discrimination of Extracellular Vesicles by Shape Distribution Analysis. <i>Analytical Chemistry</i> , 2021, 93, 7037-7044.	3.2	15
1160	Curcumin-primed human BMSC-derived extracellular vesicles reverse IL-1 $\beta$ -induced catabolic responses of OA chondrocytes by upregulating miR-126-3p. <i>Stem Cell Research and Therapy</i> , 2021, 12, 252.	2.4	47
1161	Murine Blastocysts Release Mature MicroRNAs Into Culture Media That Reflect Developmental Status. <i>Frontiers in Genetics</i> , 2021, 12, 655882.	1.1	7
1162	Sphingomyelinases in a journey to combat arthropodâ€borne pathogen transmission. <i>FEBS Letters</i> , 2021, 595, 1622-1638.	1.3	6
1163	A Comprehensive Review: Sphingolipid Metabolism and Implications of Disruption in Sphingolipid Homeostasis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5793.	1.8	102

#	ARTICLE	IF	CITATIONS
1164	The role of exosomal PD-L1 in tumor immunotherapy. <i>Translational Oncology</i> , 2021, 14, 101047.	1.7	31
1165	Exosomal CD47 Plays an Essential Role in Immune Evasion in Ovarian Cancer. <i>Molecular Cancer Research</i> , 2021, 19, 1583-1595.	1.5	38
1166	Comparative Analysis of MicroRNA Expression Profiles Between Skeletal Muscle- and Adipose-Derived Exosomes in Pig. <i>Frontiers in Genetics</i> , 2021, 12, 631230.	1.1	5
1167	Inhibition of exosome release augments neuroinflammation following intracerebral hemorrhage. <i>FASEB Journal</i> , 2021, 35, e21617.	0.2	10
1168	Analysis of Circulating miRNA Profile in Plasma Samples of Glioblastoma Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5058.	1.8	6
1169	The Role of Viral Proteins in the Regulation of Exosomes Biogenesis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 671625.	1.8	11
1170	Potential Use of Exosomes as Diagnostic Biomarkers and in Targeted Drug Delivery: Progress in Clinical and Preclinical Applications. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2106-2149.	2.6	95
1171	Non-canonical argonaute loading of extracellular vesicle-derived exogenous single-stranded miRNA in recipient cells. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	14
1172	Circulating Plasma miRNA and Clinical/Hemodynamic Characteristics Provide Additional Predictive Information About Acute Pulmonary Thromboembolism, Chronic Thromboembolic Pulmonary Hypertension and Idiopathic Pulmonary Hypertension. <i>Frontiers in Pharmacology</i> , 2021, 12, 648769.	1.6	8
1173	Microglial Exosomes in Neurodegenerative Disease. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 630808.	1.4	41
1174	Biogenesis, Membrane Trafficking, Functions, and Next Generation Nanotherapeutics Medicine of Extracellular Vesicles. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3357-3383.	3.3	54
1175	Extracellular vesicles: Their emerging roles in the pathogenesis of respiratory diseases. <i>Respiratory Investigation</i> , 2021, 59, 302-311.	0.9	17
1176	GPC5 suppresses lung cancer progression and metastasis via intracellular CTDSP1/AhR/ARNT signaling axis and extracellular exosome secretion. <i>Oncogene</i> , 2021, 40, 4307-4323.	2.6	14
1177	The role of lipids in exosome biology and intercellular communication: Function, analytics and applications. <i>Traffic</i> , 2021, 22, 204-220.	1.3	119
1178	Biological Properties of Milk-Derived Extracellular Vesicles and Their Physiological Functions in Infant. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 693534.	1.8	51
1179	Extracellular Vesicles in Organ Fibrosis: Mechanisms, Therapies, and Diagnostics. <i>Cells</i> , 2021, 10, 1596.	1.8	33
1180	Release of redox enzymes and micro-RNAs in extracellular vesicles, during infection and inflammation. <i>Free Radical Biology and Medicine</i> , 2021, 169, 248-257.	1.3	10
1181	Systematic review and meta-analysis of prognostic microRNA biomarkers for survival outcome in laryngeal squamous cell cancer. <i>Cancer Cell International</i> , 2021, 21, 316.	1.8	11

#	ARTICLE	IF	CITATIONS
1182	Profiling of Extracellular Small RNAs Highlights a Strong Bias towards Non-Vesicular Secretion. <i>Cells</i> , 2021, 10, 1543.	1.8	11
1183	Role of extracellular vesicles in neurodegenerative diseases. <i>Progress in Neurobiology</i> , 2021, 201, 102022.	2.8	41
1184	Extracellular Vesicles in Cervical Cancer and HPV Infection. <i>Membranes</i> , 2021, 11, 453.	1.4	16
1185	Gastric cancer-derived exosomal miR-135b-5p impairs the function of VÎ³9VÎ²2 T cells by targeting specificity protein 1. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 311-325.	2.0	13
1186	A Quantitative Pharmacology Model of Exosome-Mediated Drug Efflux and Perturbation-Induced Synergy. <i>Pharmaceutics</i> , 2021, 13, 997.	2.0	5
1187	The Role of Extracellular Vesicles as Shuttles of RNA and Their Clinical Significance as Biomarkers in Hepatocellular Carcinoma. <i>Genes</i> , 2021, 12, 902.	1.0	4
1188	Exploring interactions between extracellular vesicles and cells for innovative drug delivery system design. <i>Advanced Drug Delivery Reviews</i> , 2021, 173, 252-278.	6.6	55
1189	Extracellular Vesicles in Non-alcoholic Fatty Liver Disease and Alcoholic Liver Disease. <i>Frontiers in Physiology</i> , 2021, 12, 707429.	1.3	18
1190	Advanced Regenerative Medicine Strategies for Treatment of Perianal Fistula in Crohnâ€™s Disease. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 133-142.	0.9	5
1191	PDL1â€positive exosomes suppress antitumor immunity by inducing tumorâ€specific CD8<sup>+</sup> T cell exhaustion during metastasis. <i>Cancer Science</i> , 2021, 112, 3437-3454.	1.7	33
1192	Cytokine-enhanced cytolytic activity of exosomes from NK Cells. <i>Cancer Gene Therapy</i> , 2022, 29, 734-749.	2.2	29
1193	Extracellular vesicles in cancer diagnostics and therapeutics. , 2021, 223, 107806.		42
1194	Sphingolipid metabolism in the development and progression of cancer: one cancer's help is another's hindrance. <i>Molecular Oncology</i> , 2021, 15, 3256-3279.	2.1	14
1195	miR-301a-3p induced by endoplasmic reticulum stress mediates the occurrence and transmission of trastuzumab resistance in HER2-positive gastric cancer. <i>Cell Death and Disease</i> , 2021, 12, 696.	2.7	16
1197	Glioblastoma Therapy: Rationale for a Mesenchymal Stem Cell-based Vehicle to Carry Recombinant Viruses. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 523-543.	1.7	11
1198	17Î²-Estradiol Increases APE1/Ref-1 Secretion in Vascular Endothelial Cells and Ovariectomized Mice: Involvement of Calcium-Dependent Exosome Pathway. <i>Biomedicines</i> , 2021, 9, 1040.	1.4	3
1199	Human bronchial epithelial cellâ€derived extracellular vesicle therapy for pulmonary fibrosis via inhibition of TGFâ€WNT crosstalk. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12124.	5.5	74
1200	The Emerging Role of Neural Cell-Derived Exosomes in Intercellular Communication in Health and Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2021, 15, 738442.	1.4	42

#	ARTICLE	IF	CITATIONS
1201	Downregulation of let-7 by Electrical Acupuncture Increases Protein Synthesis in Mice. <i>Frontiers in Physiology</i> , 2021, 12, 697139.	1.3	5
1202	Enhanced miRNA-140 expression of osteoarthritis-affected human chondrocytes cultured in a polymer based three-dimensional (3D) matrix. <i>Life Sciences</i> , 2021, 278, 119553.	2.0	9
1203	Mesenchymal Stem Cell-Derived Exosomes: Applications in Regenerative Medicine. <i>Cells</i> , 2021, 10, 1959.	1.8	171
1204	MicroRNAs Patterns as Potential Tools for Diagnostic and Prognostic Follow-Up in Cancer Survivorship. <i>Cells</i> , 2021, 10, 2069.	1.8	9
1206	The Role of MiRNA in Cancer: Pathogenesis, Diagnosis, and Treatment. <i>Methods in Molecular Biology</i> , 2022, 2257, 375-422.	0.4	35
1207	Extracellular miRNAs and Cell-Cell Communication: Problems and Prospects. <i>Trends in Biochemical Sciences</i> , 2021, 46, 640-651.	3.7	67
1208	Exosomes and Micro-RNAs in Aging Process. <i>Biomedicines</i> , 2021, 9, 968.	1.4	12
1209	Role of Exosomal MicroRNAs in Cell-to-Cell Communication. <i>Methods in Molecular Biology</i> , 2022, 2257, 269-292.	0.4	5
1210	Drug delivery to the inflamed intestinal mucosa – targeting technologies and human cell culture models for better therapies of IBD. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113828.	6.6	29
1211	Skeletal Muscle Cell Growth Alters the Lipid Composition of Extracellular Vesicles. <i>Membranes</i> , 2021, 11, 619.	1.4	7
1212	Liquid Biopsy for Cancer Cachexia: Focus on Muscle-Derived microRNAs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9007.	1.8	5
1213	Exosomes and organ-specific metastasis. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 22, 133-147.	1.8	28
1214	The Role of microRNA in Pancreatic Cancer. <i>Biomedicines</i> , 2021, 9, 1322.	1.4	14
1215	Extracellular miRNAs in redox signaling: Health, disease and potential therapies. <i>Free Radical Biology and Medicine</i> , 2021, 173, 170-187.	1.3	15
1216	Tau Seeds in Extracellular Vesicles Induce Tau Accumulation in Degradative Organelles of Cells. <i>DNA and Cell Biology</i> , 2021, 40, 1185-1199.	0.9	3
1217	Molecular insights and clinical impacts of extracellular vesicles in cancer. <i>Oncology Reviews</i> , 2021, 2, 542.	0.8	0
1218	Exosomes as mediators of intercellular crosstalk in metabolism. <i>Cell Metabolism</i> , 2021, 33, 1744-1762.	7.2	253
1219	Extracellular vesicles, the cornerstone of next-generation cancer diagnosis?. <i>Seminars in Cancer Biology</i> , 2021, 74, 105-120.	4.3	36



#	ARTICLE	IF	CITATIONS
1220	Circulating exosomal miRNAs and cancer early diagnosis. <i>Clinical and Translational Oncology</i> , 2022, 24, 393-406.	1.2	9
1221	Delivery of Oligonucleotide Therapeutics: Chemical Modifications, Lipid Nanoparticles, and Extracellular Vesicles. <i>ACS Nano</i> , 2021, 15, 13993-14021.	7.3	74
1222	Secret messengers: Extracellular RNA communication in the immune system*. <i>Immunological Reviews</i> , 2021, 304, 62-76.	2.8	12
1223	A Comprehensive Review of Current Perspectives on Novel Drug Delivery Systems and Approaches for Lung Cancer Management. <i>Journal of Pharmaceutical Innovation</i> , 2022, 17, 1530-1553.	1.1	4
1224	Potential Therapeutic Effect of Micrnas in Extracellular Vesicles from Mesenchymal Stem Cells against SARS-CoV-2. <i>Cells</i> , 2021, 10, 2393.	1.8	29
1225	Four plasma miRNAs act as biomarkers for diagnosis and prognosis of non-small cell lung cancer. <i>Oncology Letters</i> , 2021, 22, 792.	0.8	12
1226	Exosomal miR-214-3p as a potential novel biomarker for rhabdoid tumor of the kidney. <i>Pediatric Surgery International</i> , 2021, 37, 1783-1790.	0.6	5
1227	Exosomes derived from LPS-induced MHs cells prompted an inflammatory response in sepsis-induced acute lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2021, 292, 103711.	0.7	9
1228	Urine miRNAs as potential biomarkers for systemic reactions induced by exposure to embedded metal. <i>Biomarkers in Medicine</i> , 2021, 15, 1397-1410.	0.6	3
1229	Regenerative potential of stem-cell-derived extracellular vesicles. , 2022, , 189-199.		1
1230	Intercellular Communication by Vascular Endothelial Cell-Derived Extracellular Vesicles and Their MicroRNAs in Respiratory Diseases. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 619697.	1.6	19
1231	Extracellular Vesicles in Cancer Metabolism: Implications for Cancer Diagnosis and Treatment. <i>Technology in Cancer Research and Treatment</i> , 2021, 20, 153303382110378.	0.8	7
1232	Regulation of exosome production and cargo sorting. <i>International Journal of Biological Sciences</i> , 2021, 17, 163-177.	2.6	179
1234	Cell-derived biomimetic nanocarriers for targeted cancer therapy: cell membranes and extracellular vesicles. <i>Drug Delivery</i> , 2021, 28, 1237-1255.	2.5	62
1235	Composition and Biological Activities of Exosomal Lipids Bilayers. <i>Oleoscience</i> , 2021, 21, 69-75.	0.0	0
1236	Quantification of tumor virulence based upon competition between dissimilar subcultured cancer cell lines. <i>International Journal of Surgery Oncology</i> , 2021, 5, 96.	0.2	0
1237	Berberamine inhibits Japanese encephalitis virus (JEV) infection by compromising TPRMLs-mediated endolysosomal trafficking of low-density lipoprotein receptor (LDLR). <i>Emerging Microbes and Infections</i> , 2021, 10, 1257-1271.	3.0	16
1238	MicroRNA 21 Elicits a Pro-inflammatory Response in Macrophages, with Exosomes Functioning as Delivery Vehicles. <i>Inflammation</i> , 2021, 44, 1274-1287.	1.7	27

#	ARTICLE	IF	CITATIONS
1239	Urinary MicroRNAs as Emerging Class of Noninvasive Biomarkers. <i>Methods in Molecular Biology</i> , 2020, 2115, 221-247.	0.4	2
1240	Biomarkers of Traumatic Injury. , 2012, , 337-355.		3
1241	Paving the Road for Mesenchymal Stem Cell-Derived Exosome Therapy in Bronchopulmonary Dysplasia and Pulmonary Hypertension. , 2019, , 131-152.		15
1242	microRNA-155 and microRNA-196b in Hepatitis C Virus Infection. <i>Biomarkers in Disease</i> , 2017, , 809-836.	0.0	1
1243	Exosome and Secretion: Action On?. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1248, 455-483.	0.8	13
1244	Recent Advances in Experimental Models of Breast Cancer Exosome Secretion, Characterization and Function. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2020, 25, 305-317.	1.0	11
1245	MicroRNAs (miRNAs) and Long Non-Coding RNAs (lncRNAs) as New Tools for Cancer Therapy: First Steps from Bench to Bedside. <i>Targeted Oncology</i> , 2020, 15, 261-278.	1.7	183
1246	Extracellular vesicles produced by the protozoan parasite <i>Trichomonas vaginalis</i> contain a preferential cargo of tRNA-derived small RNAs. <i>International Journal for Parasitology</i> , 2020, 50, 1145-1155.	1.3	26
1247	MicroRNAs: Possible Regulatory Molecular Switch Controlling the BBB Microenvironment. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 933-936.	2.3	7
1248	MicroRNAs as sentinels and protagonists of carotid artery thromboembolism. <i>Clinical Science</i> , 2020, 134, 169-192.	1.8	15
1249	Colorectal cancer-derived exosomal miR-106b-3p promotes metastasis by down-regulating DLC-1 expression. <i>Clinical Science</i> , 2020, 134, 419-434.	1.8	64
1250	The RNA binding protein FMR1 controls selective exosomal miRNA cargo loading during inflammation. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	87
1258	Emerging Roles for MicroRNAs in Diabetic Microvascular Disease: Novel Targets for Therapy. <i>Endocrine Reviews</i> , 2017, 2017, 1-22.	8.9	11
1259	Low Serum Levels of miR-101 Are Associated with Poor Prognosis of Colorectal Cancer Patients After Curative Resection. <i>Medical Science Monitor</i> , 2018, 24, 7475-7481.	0.5	13
1260	Clinical applications of microRNAs. <i>F1000Research</i> , 2013, 2, 136.	0.8	126
1262	Tumor-Derived Microvesicles Induce Proangiogenic Phenotype in Endothelial Cells via Endocytosis. <i>PLoS ONE</i> , 2012, 7, e34045.	1.1	89
1263	Argonaute 2 Complexes Selectively Protect the Circulating MicroRNAs in Cell-Secreted Microvesicles. <i>PLoS ONE</i> , 2012, 7, e46957.	1.1	177
1264	Serum MicroRNA-155 as a Potential Biomarker to Track Disease in Breast Cancer. <i>PLoS ONE</i> , 2012, 7, e47003.	1.1	183

#	ARTICLE	IF	CITATIONS
1265	Distinctive Serum miRNA Profile in Mouse Models of Striated Muscular Pathologies. PLoS ONE, 2013, 8, e55281.	1.1	97
1266	Salivary MicroRNAs as Promising Biomarkers for Detection of Esophageal Cancer. PLoS ONE, 2013, 8, e57502.	1.1	121
1267	Differential Plasma MicroRNA Profiles in HBeAg Positive and HBeAg Negative Children with Chronic Hepatitis B. PLoS ONE, 2013, 8, e58236.	1.1	45
1268	Suppression of Induced microRNA-15b Prevents Rapid Loss of Cardiac Function in a Dicer Depleted Model of Cardiac Dysfunction. PLoS ONE, 2013, 8, e66789.	1.1	14
1269	Diagnostic Potential of Plasmatic MicroRNA Signatures in Stable and Unstable Angina. PLoS ONE, 2013, 8, e80345.	1.1	118
1270	Hepatitis B Surface Antigen Quantity Positively Correlates with Plasma Levels of microRNAs Differentially Expressed in Immunological Phases of Chronic Hepatitis B in Children. PLoS ONE, 2013, 8, e80384.	1.1	16
1271	Assessment of RT-qPCR Normalization Strategies for Accurate Quantification of Extracellular microRNAs in Murine Serum. PLoS ONE, 2014, 9, e89237.	1.1	105
1272	Extracellular Vesicles in Luminal Fluid of the Ovine Uterus. PLoS ONE, 2014, 9, e90913.	1.1	205
1273	Label-Free Quantification of MicroRNAs Using Ligase-Assisted Sandwich Hybridization on a DNA Microarray. PLoS ONE, 2014, 9, e90920.	1.1	27
1274	Analysis of Serum miRNA Profiles of Myasthenia Gravis Patients. PLoS ONE, 2014, 9, e91927.	1.1	35
1275	MicroRNA-150 Is a Potential Biomarker of HIV/AIDS Disease Progression and Therapy. PLoS ONE, 2014, 9, e95920.	1.1	65
1276	Serum miRNA Signature in Moyamoya Disease. PLoS ONE, 2014, 9, e102382.	1.1	46
1277	MicroRNA-29b Modulates Innate and Antigen-Specific Immune Responses in Mouse Models of Autoimmunity. PLoS ONE, 2014, 9, e106153.	1.1	59
1278	Nef Neutralizes the Ability of Exosomes from CD4+ T Cells to Act as Decoys during HIV-1 Infection. PLoS ONE, 2014, 9, e113691.	1.1	87
1279	Customized Internal Reference Controls for Improved Assessment of Circulating MicroRNAs in Disease. PLoS ONE, 2015, 10, e0127443.	1.1	42
1280	Exosomal miRNAs from Peritoneum Lavage Fluid as Potential Prognostic Biomarkers of Peritoneal Metastasis in Gastric Cancer. PLoS ONE, 2015, 10, e0130472.	1.1	141
1281	MicroRNAs as Biomarkers for Acute Atrial Remodeling in Marathon Runners (The miRathon Study). PLoS ONE, 2015, 10, e0130472.	1.1	82
1282	Detection of Acute Radiation Sickness: A Feasibility Study in Non-Human Primates Circulating miRNAs for Triage in Radiological Events. PLoS ONE, 2016, 11, e0167333.	1.1	37

#	ARTICLE	IF	CITATIONS
1283	Distinct repertoires of microRNAs present in mouse astrocytes compared to astrocyte-secreted exosomes. <i>PLoS ONE</i> , 2017, 12, e0171418.	1.1	68
1284	Acute resistance exercise modulates microRNA expression profiles: Combined tissue and circulatory targeted analyses. <i>PLoS ONE</i> , 2017, 12, e0181594.	1.1	65
1285	Tumor-associated exosomal miRNA biomarkers to differentiate metastatic vs. nonmetastatic non-small cell lung cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1535-1545.	1.4	17
1286	Canine oviductal exosomes improve oocyte development via EGFR/MAPK signaling pathway. <i>Reproduction</i> , 2020, 160, 613-625.	1.1	22
1288	Radiation-Induced Bystander Effect can be Transmitted Through Exosomes Using miRNAs as Effector Molecules. <i>Radiation Research</i> , 2020, 194, 89.	0.7	37
1289	A modern view on ovarian reserve in women of reproductive age with endometriomas (a review). <i>Russian Journal of Human Reproduction</i> , 2017, 23, 72.	0.1	3
1290	Emerging Role of the Cerebrospinal Fluid “Neuronal Interface in Neuropathology. <i>Neuro - Open Journal</i> , 2015, 2, 92-98.	0.1	3
1291	Mesenchymal Stem Cell Secretome: Cell-free Therapeutic Strategy in Regenerative Medicine. <i>Indonesian Biomedical Journal</i> , 2019, 11, 113-24.	0.2	21
1292	MicroRNAs in Lipid Metabolism and Atherosclerosis. <i>Indonesian Biomedical Journal</i> , 2014, 6, 3.	0.2	2
1293	Towards a more precise and individualized assessment of breast cancer risk. <i>Aging</i> , 2019, 11, 1305-1316.	1.4	9
1294	Plasma microRNA profiles: identification of miR-23a as a novel biomarker for chemoresistance in esophageal squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 62034-62048.	0.8	32
1295	A six-microRNA signature in plasma was identified as a potential biomarker in diagnosis of esophageal squamous cell carcinoma. <i>Oncotarget</i> , 2017, 8, 34468-34480.	0.8	54
1296	Down-regulation of traditional oncomiRs in plasma of breast cancer patients. <i>Oncotarget</i> , 2017, 8, 77369-77384.	0.8	32
1297	Low plasma levels of miR-101 are associated with tumor progression in gastric cancer. <i>Oncotarget</i> , 2017, 8, 106538-106550.	0.8	36
1298	Dietary miR-451 protects erythroid cells from oxidative stress via increasing the activity of Foxo3 pathway. <i>Oncotarget</i> , 2017, 8, 107109-107124.	0.8	19
1299	Development of a predictive miRNA signature for breast cancer risk among high-risk women. <i>Oncotarget</i> , 2017, 8, 112170-112183.	0.8	30
1300	B-cell precursor acute lymphoblastic leukemia and stromal cells communicate through Galectin-3. <i>Oncotarget</i> , 2015, 6, 11378-11394.	0.8	82
1301	Tissue specific expression of extracellular microRNA in human breast cancers and normal human breast tissue <i>in vivo</i> . <i>Oncotarget</i> , 2015, 6, 22959-22969.	0.8	27

#	ARTICLE	IF	CITATIONS
1302	DNA damage response (DDR) and senescence: shuttled inflamma-miRNAs on the stage of inflamm-aging. <i>Oncotarget</i> , 2015, 6, 35509-35521.	0.8	127
1303	Cellular evidence for nano-scale exosome secretion and interactions with spermatozoa in the epididymis of the Chinese soft-shelled turtle, <i>Pelodiscus sinensis</i> . <i>Oncotarget</i> , 2016, 7, 19242-19250.	0.8	21
1304	Mesenchymal stem cells deliver synthetic microRNA mimics to glioma cells and glioma stem cells and inhibit their cell migration and self-renewal. <i>Oncotarget</i> , 2013, 4, 346-361.	0.8	199
1305	Extracellular miR-1246 promotes lung cancer cell proliferation and enhances radioresistance by directly targeting DR5. <i>Oncotarget</i> , 2016, 7, 32707-32722.	0.8	81
1306	Future directions of extracellular vesicle-associated miRNAs in metastasis. <i>Annals of Translational Medicine</i> , 2017, 5, 115-115.	0.7	2
1307	Extracellular Vesicles as Drug Delivery Systems - Methods of Production and Potential Therapeutic Applications. <i>Current Pharmaceutical Design</i> , 2019, 25, 132-154.	0.9	42
1308	Intercellular Crosstalk Via Extracellular Vesicles in Tumor Milieu as Emerging Therapies for Cancer Progression. <i>Current Pharmaceutical Design</i> , 2019, 25, 1980-2006.	0.9	11
1309	microRNAs in Autism Spectrum Disorders. <i>Current Pharmaceutical Design</i> , 2020, 25, 4368-4378.	0.9	11
1310	The Emerging Role of Exosomal Non-coding RNAs in Musculoskeletal Diseases. <i>Current Pharmaceutical Design</i> , 2020, 25, 4523-4535.	0.9	22
1311	Exosome-based Tumor Therapy: Opportunities and Challenges. <i>Current Drug Metabolism</i> , 2020, 21, 339-351.	0.7	17
1312	miRNAs as Circulating Biomarkers for Alzheimer's Disease and Parkinson's Disease. <i>Medicinal Chemistry</i> , 2016, 12, 217-225.	0.7	57
1313	Intracellular and Extracellular miRNAs in Regulation of Angiogenesis Signaling. <i>Current Angiogenesis</i> , 2012, 1, 299-307.	0.1	25
1314	Exosome in disease biology, diagnosis, and therapy. <i>Inflammation and Regeneration</i> , 2014, 34, 233-239.	1.5	3
1315	Targeted Drug Delivery in Lipid-like Nanocages and Extracellular Vesicles. <i>Acta Naturae</i> , 2019, 11, 28-41.	1.7	17
1316	Exosomal miRNAs as Biomarkers for Prostate Cancer. <i>Frontiers in Genetics</i> , 2013, 4, 36.	1.1	125
1317	Molecular Mechanisms Regulating Muscle Plasticity in Fish. <i>Animals</i> , 2021, 11, 61.	1.0	23
1318	Liquid biopsy of gastric cancer patients: Circulating tumor cells and cell-free nucleic acids. <i>World Journal of Gastroenterology</i> , 2014, 20, 3265.	1.4	58
1319	Circulating microRNAs as diagnostic and prognostic tools for hepatocellular carcinoma. <i>World Journal of Gastroenterology</i> , 2015, 21, 9853.	1.4	69

#	ARTICLE	IF	CITATIONS
1320	Circulating microRNAs and long non-coding RNAs in gastric cancer diagnosis: An update and review. <i>World Journal of Gastroenterology</i> , 2015, 21, 9863.	1.4	112
1321	Liquid biopsy in patients with pancreatic cancer: Circulating tumor cells and cell-free nucleic acids. <i>World Journal of Gastroenterology</i> , 2016, 22, 5627.	1.4	57
1322	Circulating microRNAs as non-invasive biomarkers for hepatitis B virus liver fibrosis. <i>World Journal of Gastroenterology</i> , 2020, 26, 1113-1127.	1.4	22
1323	Circulating exosomal miRNAs as potential biomarkers for Barrett's esophagus and esophageal adenocarcinoma. <i>World Journal of Gastroenterology</i> , 2020, 26, 2889-2901.	1.4	19
1324	Drug delivery application of extracellular vesicles; insight into production, drug loading, targeting, and pharmacokinetics. <i>AIMS Bioengineering</i> , 2017, 4, 73-92.	0.6	27
1325	The gene and microRNA networks of stem cells and reprogramming. <i>AIMS Cell and Tissue Engineering</i> , 2018, 2, 238-245.	0.4	3
1326	Exosome can prevent RNase from degrading microRNA in feces. <i>Journal of Gastrointestinal Oncology</i> , 2011, 2, 215-22.	0.6	145
1327	The role of miRNAs in the regulation of inflammatory processes during hepatofibrogenesis. <i>Hepatobiliary Surgery and Nutrition</i> , 2015, 4, 24-33.	0.7	45
1328	Therapeutic impacts of microRNAs in breast cancer by their roles in regulating processes involved in this disease. <i>Journal of Research in Medical Sciences</i> , 2017, 22, 130.	0.4	35
1329	Using microRNA as Biomarkers of Drug-Induced Liver Injury. <i>Journal of Molecular Biomarkers &amp; Diagnosis</i> , 2011, 02, .	0.4	10
1330	Role of X-Chromosome encoded miRNAs in Autoimmunity: Suppressing the suppressor and Female Predisposition. <i>Rheumatology (Sunnyvale, Calif)</i> , 2013, 03, .	0.3	8
1331	Availability of Circulating MicroRNAs as a Biomarker for Early Diagnosis of Diffuse Large B-Cell Lymphoma. <i>Open Journal of Blood Diseases</i> , 2015, 05, 48-58.	0.1	8
1332	Pancreatic cancer diagnosis by free and exosomal miRNA. <i>World Journal of Gastrointestinal Pathophysiology</i> , 2013, 4, 74.	0.5	67
1333	The regulation of exosome function in the CNS: implications for neurodegeneration. <i>Swiss Medical Weekly</i> , 2015, 145, w14204.	0.8	36
1334	Combined Detection of Serum MiR-221-3p and MiR-122-5p Expression in Diagnosis and Prognosis of Gastric Cancer. <i>Journal of Gastric Cancer</i> , 2019, 19, 315.	0.9	21
1335	The miR-29 family in hematological malignancies. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x001d;, Olomouc, Czechoslovakia</i> , 2015, 159, 184-191.	0.2	20
1336	Saliva Supernatant miR-21: a Novel Potential Biomarker for Esophageal Cancer Detection. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 6145-6149.	0.5	27
1337	Exosome-derived microRNA-29c Induces Apoptosis of BIU-87 Cells by Down Regulating BCL-2 and MCL-1. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 3471-3476.	0.5	33

#	ARTICLE	IF	CITATIONS
1338	How to Explain the Contradiction of microRNA 200c Expression and Survival in Solid Tumors?: a Meta-analysis. Asian Pacific Journal of Cancer Prevention, 2014, 15, 3687-3690.	0.5	10
1339	Genome-wide interrogation of extracellular vesicle biology using barcoded miRNAs. ELife, 2018, 7, .	2.8	27
1340	Secretory MicroRNAs by Exosomes as a Versatile Communication Tool. Dental Medicine Research, 2012, 32, 158-161.	0.1	3
1341	Emerging Role of Exosomal Secretory Pathway in Human Tumour Virus Pathogenesis. International Journal of Biochemistry Research & Review, 2014, 4, 653-665.	0.1	1
1342	Extracellular Vesicles in Acute Leukemia: A Mesmerizing Journey With a Focus on Transferred microRNAs. Frontiers in Cell and Developmental Biology, 2021, 9, 766371.	1.8	6
1343	The unfolding role of ceramide in coordinating retinoid-based cancer therapy. Biochemical Journal, 2021, 478, 3621-3642.	1.7	8
1344	Cerebral derailment after myocardial infarct: mechanisms and effects of the signaling from the ischemic heart to brain. Journal of Molecular Medicine, 2022, 100, 23-41.	1.7	8
1345	Porcine uterine luminal fluid-derived extracellular vesicles improve conceptus-endometrial interaction during implantation. Theriogenology, 2022, 178, 8-17.	0.9	20
1346	Cellular senescenceâ€™an aging hallmark in chronic obstructive pulmonary disease pathogenesis. Respiratory Investigation, 2022, 60, 33-44.	0.9	11
1348	Secretory microRNA as a novel diagnostic marker. Drug Delivery System, 2011, 26, 10-14.	0.0	0
1349	Circulating microRNAs as Novel Biomarkers for Exercise Stress. Japanese Journal of Complementary and Alternative Medicine, 2012, 9, 69-74.	1.0	0
1350	1 0 8. , 2012, , 120-123.		0
1351	Thermodynamically Stable RNA Three-Way Junction for Constructing Multifunctional Nanoparticles for Delivery of Therapeutics. , 2013, , 381-406.		1
1357	Promising Biomarkers: MicroRNAs at Diagnosis, Therapy and Prognostic Evaluation of Breast Cancer. Lecture Notes in Electrical Engineering, 2014, , 649-656.	0.3	0
1358	Microvesicular Transfer of MicroRNA in Tumor Microenvironment. , 2014, , 327-348.		0
1359	MicroRNAs in Obesity and Metabolism. , 2014, , 129-152.		0
1360	Circulating MicroRNAs in Sarcoma: Potential Biomarkers for Diagnosis and Targets for Therapy. Chemotherapy, 2014, 03, .	0.0	1
1361	Application of MicroRNA in the Treatment and Diagnosis of Cervical Cancer. , 2014, , 129-137.		0



#	ARTICLE	IF	CITATIONS
1362	Exosomes: Natural Nanovesicle Candidates Used in the Diagnosis and Treatment. Turkish Journal of Immunology, 2014, 2, 34-40.	0.1	2
1363	Tetraspanins as Master Organizers of the Plasma Membrane. , 2014, , 80-107.		0
1364	Small but mighty: microRNAs as novel signalling molecules in cancer. RNA & Disease (Houston, Tex ), 0, , .	1.0	1
1367	Circulating Nucleic Acids (RNA/DNA) in Breast Cancer. , 2016, , 235-256.		0
1368	Thinking Small: Circulating microRNAs as Novel Biomarkers for Diagnosis, Prognosis, and Treatment Monitoring in Breast Cancer. RNA Technologies, 2016, , 221-242.	0.2	0
1369	MicroRNA Analysis in Acute Lung Injury. Respiratory Medicine, 2017, , 161-177.	0.1	1
1372	Eksozomlar ve Kanserdeki Roller. Dicle Medical Journal, 2018, 45, 209-217.	0.2	1
1376	POSTTRANSCRIPTIONAL REGULATION IN CONGENITAL HEART DISEASE: THE ROLE OF miRNA. Complex Issues of Cardiovascular Diseases, 2019, 8, 85-95.	0.3	2
1378	Extracellular Vesicles and Their Roles in Cancer Progression. Methods in Molecular Biology, 2021, 2174, 143-170.	0.4	82
1379	Exosome Biogenesis and Lysosome Function Determine Podocyte Exosome Release and Glomerular Inflammatory Response during Hyperhomocysteinemia. American Journal of Pathology, 2022, 192, 43-55.	1.9	5
1380	Small Extracellular Vesicles Propagate the Inflammatory Response After Trauma. Advanced Science, 2021, 8, e2102381.	5.6	12
1381	RNA and Protein Delivery by Cellâ€Secreted and Bioengineered Extracellular Vesicles. Advanced Healthcare Materials, 2022, 11, e2101557.	3.9	5
1382	Nasal polyp fibroblasts (NPFs)-derived exosomes are important for the release of vascular endothelial growth factor from cocultured eosinophils and NPFs. Auris Nasus Larynx, 2021, , .	0.5	5
1383	Role of microRNA Shuttled in Small Extracellular Vesicles Derived From Mesenchymal Stem/Stromal Cells for Osteoarticular Disease Treatment. Frontiers in Immunology, 2021, 12, 768771.	2.2	20
1384	Uncovering temperatureâ€dependent extracellular vesicle secretion in breast cancer. Journal of Extracellular Vesicles, 2020, 10, e12049.	5.5	20
1386	The Role of HSA21 Encoded Mirna in Down Syndrome Pathophysiology:Opportunities in miRNA-Targeted Pharmacotherapy and Diagnosis of the Down Syndrome. Pharmaceutical Sciences, 2020, 27, 302-312.	0.1	1
1387	Immunomodulatory miRNAs as Potential Biomarkers for the Postoperative Course Following Surgery for the Repair of Congenital Heart Defects in Children. Congenital Heart Disease, 2020, 15, 239-249.	0.0	0
1388	Exosome as a novel nanocarriers for therapeutic delivery. Drug Delivery System, 2020, 35, 35-46.	0.0	1

#	ARTICLE	IF	CITATIONS
1389	MicroRNA and liver cancer. , 2020, 3, 385-400.		5
1390	Blood-Based Circulating RNAs as Preventive, Diagnostic, Prognostic and Druggable Biomarkers for Pancreatic Ductal Adenocarcinoma. Molecular and Translational Medicine, 2020, , 97-106.	0.4	1
1391	Novel Roles of Small Extracellular Vesicles in Regulating the Quiescence and Proliferation of Neural Stem Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 762293.	1.8	10
1392	Profiling of ob/ob mice skeletal muscle exosome-like vesicles demonstrates combined action of miRNAs, proteins and lipids to modulate lipid homeostasis in recipient cells. Scientific Reports, 2021, 11, 21626.	1.6	10
1393	Human Papillomavirus, MicroRNA and their Role in Cervical Cancer Progression, Diagnosis and Treatment Response: A Comprehensive Review. Pakistan Journal of Biological Sciences, 2020, 23, 977-988.	0.2	0
1397	Exosomes in Neurodegenerative Disorders. , 2021, , 183-206.		0
1398	Targeting Ceramide Metabolism in Hepatocellular Carcinoma: New Points for Therapeutic Intervention. Current Medicinal Chemistry, 2020, 27, 6611-6627.	1.2	12
1399	Exosome/microvesicle-mediated epigenetic reprogramming of cells. American Journal of Cancer Research, 2011, 1, 98-110.	1.4	206
1400	Extracellular/circulating microRNAs and their potential role in cardiovascular disease. American Journal of Cardiovascular Disease, 2011, 1, 138-149.	0.5	132
1401	Non-cell-autonomous RNA interference in mammalian cells: Implications for in vivo cell-based RNAi delivery. Journal of Rnai and Gene Silencing, 2011, 7, 456-63.	1.2	7
1402	Regulators of gene expression as biomarkers for prostate cancer. American Journal of Cancer Research, 2012, 2, 620-57.	1.4	16
1404	Circulating microRNAs in esophageal squamous cell carcinoma: association with locoregional staging and survival. International Journal of Clinical and Experimental Medicine, 2015, 8, 7241-50.	1.3	33
1405	Circulating miR-21 as an independent predictive biomarker for chemoresistance in esophageal squamous cell carcinoma. American Journal of Cancer Research, 2016, 6, 1511-23.	1.4	26
1406	Let-7a inhibits migration of melanoma cells via down-regulation of HMGA2 expression. American Journal of Translational Research (discontinued), 2016, 8, 3656-3665.	0.0	6
1407	MicroRNA-155 in exosomes secreted from helicobacter pylori infection macrophages immunomodulates inflammatory response. American Journal of Translational Research (discontinued), 2016, 8, 3700-3709.	0.0	26
1408	Exosomes derived from cardiac telocytes exert positive effects on endothelial cells. American Journal of Translational Research (discontinued), 2017, 9, 5375-5387.	0.0	23
1410	Exosomes in cancer therapy: a novel experimental strategy. American Journal of Cancer Research, 2018, 8, 2165-2175.	1.4	22
1411	Exosomes derived from cardiomyocytes promote cardiac fibrosis via myocyte-fibroblast cross-talk. American Journal of Translational Research (discontinued), 2018, 10, 4350-4366.	0.0	46

#	ARTICLE	IF	CITATIONS
1412	Selection of microRNAs in extracellular vesicles for diagnosis of malignant pleural mesothelioma by in vitro analysis. <i>Oncology Reports</i> , 2020, 44, 2198-2210.	1.2	0
1413	Treatment with adipose-derived regenerative cells enhances ischemia-induced angiogenesis via exosomal microRNA delivery in mice. <i>Nagoya Journal of Medical Science</i> , 2021, 83, 465-476.	0.6	3
1414	Extracellular Vesicle-Shuttling MicroRNAs Regulate the Development of Inflammatory Lung Responses. <i>Annals of Pulmonary and Critical Care Medicine</i> , 2018, 1, 1-4.	0.0	1
1415	Mechanism of cargo sorting into small extracellular vesicles. <i>Bioengineered</i> , 2021, 12, 8186-8201.	1.4	42
1416	Bone marrow- or adipose-mesenchymal stromal cell secretome preserves myocardial transcriptome profile and ameliorates cardiac damage following ex vivo cold storage. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 164, 1-12.	0.9	9
1417	Localization and translocation of mature miRNAs. <i>Zdoroŕe Rebenka</i> , 2021, 16, 498-507.	0.0	0
1418	MicroRNA 146a is associated with diabetic complications in type 1 diabetic patients from the EURODIAB PCS. <i>Journal of Translational Medicine</i> , 2021, 19, 475.	1.8	12
1419	Tumor-derived exosomal PD-L1 in progression of cancer and immunotherapy. <i>Journal of Cellular Physiology</i> , 2022, 237, 1648-1660.	2.0	10
1420	Tumor-derived extracellular vesicles regulate tumor-infiltrating regulatory T cells via the inhibitory immunoreceptor CD300a. <i>ELife</i> , 2021, 10, .	2.8	14
1421	Three-dimensional printing of bioceramic-induced macrophage exosomes: immunomodulation and osteogenesis/angiogenesis. <i>NPG Asia Materials</i> , 2021, 13, .	3.8	18
1422	Extracellular vesicles in inflammation: Focus on the microRNA cargo of EVs in modulation of liver diseases. <i>Journal of Leukocyte Biology</i> , 2021, 111, 75-92.	1.5	15
1423	A Comprehensive Review on the Interplay between <i>Neisseria</i> spp. and Host Sphingolipid Metabolites. <i>Cells</i> , 2021, 10, 3201.	1.8	5
1424	Extracellular vesicles: General features and usefulness in diagnosis and therapeutic management of colorectal cancer. <i>World Journal of Gastrointestinal Oncology</i> , 2021, 13, 1561-1598.	0.8	7
1425	Extracellular Vesicles in Lung Cancer Metastasis and Their Clinical Applications. <i>Cancers</i> , 2021, 13, 5633.	1.7	14
1426	Depletion of METTL3 alters cellular and extracellular levels of miRNAs containing m6A consensus sequences. <i>Heliyon</i> , 2021, 7, e08519.	1.4	7
1427	Usefulness and Possibility of Extracellular Vesicles in Diagnosis. <i>Japanese Journal of Oral Diagnosis / Oral Medicine</i> , 2021, 34, 187-193.	0.0	0
1428	Up-regulated miR-204-5p promoted the migration, invasion, and angiogenesis of endothelial progenitor cells to enhance the thrombolysis of rats with deep venous thrombosis by targeting SPRED1. <i>Experimental Cell Research</i> , 2022, 411, 112985.	1.2	5
1429	Calpain inhibitor suppresses both extracellular vesicle-mediated secretion of miRNAs and egg production from paired adults of <i>Schistosoma japonicum</i> . <i>Parasitology International</i> , 2022, 87, 102540.	0.6	6

#	ARTICLE	IF	CITATIONS
1430	Selection of microRNAs in extracellular vesicles for diagnosis of malignant pleural mesothelioma by in vitro analysis. <i>Oncology Reports</i> , 2020, 44, 2198-2210.	1.2	1
1431	Inter-Organ Crosstalk in the Development of Obesity-Associated Insulin Resistance. <i>Handbook of Experimental Pharmacology</i> , 2021, , 1.	0.9	0
1432	Extracellular vesicle-mediated cellular crosstalk in lung repair, remodelling and regeneration. <i>European Respiratory Review</i> , 2022, 31, 210106.	3.0	11
1433	Whole Blood Holding Time Prior to Plasma Processing Alters microRNA Expression Profile. <i>Frontiers in Genetics</i> , 2021, 12, 818334.	1.1	2
1434	SORT1/LAMP2-mediated extracellular vesicle secretion and cell adhesion are linked to lenalidomide resistance in multiple myeloma. <i>Blood Advances</i> , 2022, 6, 2480-2495.	2.5	9
1435	Systematic Review: microRNAs as Potential Biomarkers in Mild Cognitive Impairment Diagnosis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 807764.	1.7	12
1436	Interaction between miR4749 and Human Serum Albumin as Revealed by Fluorescence, FRET, Atomic Force Spectroscopy and Computational Modelling. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1291.	1.8	4
1437	Extracellular Vesicles as Biomarkers and Therapeutic Targets in Cancers. <i>Physiology</i> , 0, , .	4.0	1
1438	Noncoding RNAs from tissue-derived small extracellular vesicles: Roles in diabetes and diabetic complications. <i>Molecular Metabolism</i> , 2022, 58, 101453.	3.0	12
1439	Exosomal microRNAs and long noncoding RNAs: Novel mediators of drug resistance in lung cancer. <i>Journal of Cellular Physiology</i> , 2022, 237, 2095-2106.	2.0	13
1440	New Tricks with Old Dogs: Computational Identification and Experimental Validation of New miRNA-mRNA Regulation in hiPSC-CMs. <i>Biomedicines</i> , 2022, 10, 391.	1.4	3
1441	MCMV Centrifugal Enhancement: A New Spin on an Old Topic. <i>Pathogens</i> , 2021, 10, 1577.	1.2	0
1442	MicroRNA sequence codes for small extracellular vesicle release and cellular retention. <i>Nature</i> , 2022, 601, 446-451.	13.7	300
1444	Endothelial PERK-ATF4-JAG1 axis activated by T-ALL remodels bone marrow vascular niche. <i>Theranostics</i> , 2022, 12, 2894-2907.	4.6	2
1445	Extracellular Vesicles from Uterine Aspirates Represent a Promising Source for Screening Markers of Gynecologic Cancers. <i>Cells</i> , 2022, 11, 1064.	1.8	7
1446	Distinct Response of Circulating microRNAs to the Treatment of Pancreatic Cancer Xenografts with FGFR and ALK Kinase Inhibitors. <i>Cancers</i> , 2022, 14, 1517.	1.7	1
1447	Noncoding RNA in Extracellular Vesicles Regulate Differentiation of Mesenchymal Stem Cells. <i>Frontiers in Dental Medicine</i> , 2022, 2, .	0.5	1
1448	Exosomal let-7i-5p from three-dimensional cultured human umbilical cord mesenchymal stem cells inhibits fibroblast activation in silicosis through targeting TGFBR1. <i>Ecotoxicology and Environmental Safety</i> , 2022, 233, 113302.	2.9	22

#	ARTICLE	IF	CITATIONS
1449	Emerging function and clinical significance of extracellular vesicle noncoding RNAs in lung cancer. <i>Molecular Therapy - Oncolytics</i> , 2022, 24, 814-833.	2.0	10
1450	miRNAs as Predictive Factors in Early Diagnosis of Gestational Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2022, 13, 839344.	1.5	17
1451	Circulating microRNA biomarkers in melanoma and non-melanoma skin cancer. <i>Expert Review of Molecular Diagnostics</i> , 2022, 22, 305-318.	1.5	12
1452	Methods for the identification and characterization of extracellular vesicles in cardiovascular studies: from exosomes to microvesicles. <i>Cardiovascular Research</i> , 2023, 119, 45-63.	1.8	44
1453	Extracellular vesicles with diagnostic and therapeutic potential for prion diseases. <i>Cell and Tissue Research</i> , 2023, 392, 247-267.	1.5	8
1454	MicroRNA-22 coordinates vascular and motor neuronal pathfinding via <i>sema4</i> during zebrafish development. <i>Open Biology</i> , 2022, 12, 210315.	1.5	0
1455	Human Breast Milk: From Food to Active Immune Response With Disease Protection in Infants and Mothers. <i>Frontiers in Immunology</i> , 2022, 13, 849012.	2.2	26
1456	Pharmacological Inhibition of Exosome Machinery: An Emerging Prospect in Cancer Therapeutics. <i>Current Cancer Drug Targets</i> , 2022, 22, 560-576.	0.8	3
1457	miR-638: A Promising Cancer Biomarker with Therapeutic Potential. <i>Current Molecular Medicine</i> , 2022, 22, .	0.6	3
1458	Circulating microRNAs in Medicine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3996.	1.8	30
1459	miRNAs in the Regulation of Cancer Immune Response: Effect of miRNAs on Cancer Immunotherapy. <i>Cancers</i> , 2021, 13, 6145.	1.7	4
1460	Regulating the production and biological function of small extracellular vesicles: current strategies, applications and prospects. <i>Journal of Nanobiotechnology</i> , 2021, 19, 422.	4.2	13
1461	Autophagy and ncRNAs: Dangerous Liaisons in the Crosstalk between the Tumor and Its Microenvironment. <i>Cancers</i> , 2022, 14, 20.	1.7	5
1462	Activation of neutral sphingomyelinase 2 through hyperglycemia contributes to endothelial apoptosis via vesicle-bound intercellular transfer of ceramides. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	2.4	9
1463	Transient Focal Cerebral Ischemia Leads to miRNA Alterations in Different Brain Regions, Blood Serum, Liver, and Spleen. <i>International Journal of Molecular Sciences</i> , 2022, 23, 161.	1.8	7
1464	VAP-A and its binding partner CERT drive biogenesis of RNA-containing extracellular vesicles at ER membrane contact sites. <i>Developmental Cell</i> , 2022, 57, 974-994.e8.	3.1	49
1465	Extracellular vesicles and their microRNA cargo in ischaemic stroke. <i>Journal of Physiology</i> , 2023, 601, 4907-4921.	1.3	7
1466	A Role for Exchange of Extracellular Vesicles in Porcine Spermatogonial Co-Culture. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4535.	1.8	7

#	ARTICLE	IF	CITATIONS
1476	Nanoscale Treatment of Intervertebral Disc Degeneration: Mesenchymal Stem Cell Exosome Transplantation. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 163-173.	0.6	6
1477	Circulating and Platelet MicroRNAs in Cardiovascular Risk Assessment and Antiplatelet Therapy Monitoring. <i>Journal of Clinical Medicine</i> , 2022, 11, 1763.	1.0	9
1478	Depletion of tumor suppressor miRNA-148a in plasma relates to tumor progression and poor outcomes in gastric cancer.. <i>American Journal of Cancer Research</i> , 2021, 11, 6133-6146.	1.4	0
1479	Novel Biomarkers of Atherosclerotic Vascular Disease“Latest Insights in the Research Field. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4998.	1.8	16
1480	Exosomal miRNAs as a Promising Source of Biomarkers in Colorectal Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4855.	1.8	6
1481	Exosomal MiRNAs in Osteosarcoma: Biogenesis and Biological Functions. <i>Frontiers in Pharmacology</i> , 2022, 13, 902049.	1.6	6
1482	Exosomal mitochondrial tRNAs and miRNAs as potential predictors of inflammation in renal proximal tubular epithelial cells. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 28, 794-813.	2.3	6
1483	Bioactive extracellular vesicles from a subset of endothelial progenitor cells rescue retinal ischemia and neurodegeneration. <i>JCI Insight</i> , 2022, 7, .	2.3	6
1484	Epithelial to mesenchymal transition influences fibroblast phenotype in colorectal cancer by altering miRâ€200 levels in extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2022, 11, .	5.5	18
1485	Rottlerin Stimulates Exosome/Microvesicle Release Via the Increase of Ceramide Levels Mediated by Ampk in an In Vitro Model of Intracellular Lipid Accumulation. <i>Biomedicines</i> , 2022, 10, 1316.	1.4	2
1486	MicroRNA Expression in Plasma of Esophageal Squamous Cell Carcinoma Patients. <i>Journal of Korean Medical Science</i> , 2022, 37, .	1.1	7
1487	Extracellular vesicles in cancer therapy. <i>Seminars in Cancer Biology</i> , 2022, 86, 296-309.	4.3	23
1488	Regulation of in vivo fate of exosomes for therapeutic applications: New frontier in nanomedicines. <i>Journal of Controlled Release</i> , 2022, 348, 483-488.	4.8	7
1489	MicroRNAs as biomarkers for monitoring cardiovascular changes in Type II Diabetes Mellitus (T2DM) and exercise. <i>Journal of Diabetes and Metabolic Disorders</i> , 2022, 21, 1819-1832.	0.8	1
1490	Association of serum MicroRNA-145-5p levels with microvascular complications of type 1 Diabetes: The EURODIAB prospective complications study. <i>Diabetes Research and Clinical Practice</i> , 2022, 190, 109987.	1.1	2
1491	Extracellular vesicles in $\hat{2}$ cell biology: Role of lipids in vesicle biogenesis, cargo, and intercellular signaling. <i>Molecular Metabolism</i> , 2022, 63, 101545.	3.0	7
1492	<sc>PIWI</sc>â€interacting <sc>RNAs</sc> and human testicular function. <i>WIREs Mechanisms of Disease</i> , 2022, 14, .	1.5	2
1493	Human Milk Extracellular Vesicles: A Biological System with Clinical Implications. <i>Cells</i> , 2022, 11, 2345.	1.8	22

#	ARTICLE	IF	CITATIONS
1494	Probable role of exosomes in the extension of fibrotic alterations from affected to normal cells in systemic sclerosis. <i>Rheumatology</i> , 2023, 62, 999-1008.	0.9	3
1495	±2,6-Sialylation promotes hepatocellular carcinoma cells migration and invasion via enhancement of nSmase2-mediated exosomal miRNA sorting. <i>Journal of Physiology and Biochemistry</i> , 2023, 79, 19-34.	1.3	8
1496	Identification of exosomal circRNA CD226 as a potent driver of nonsmall cell lung cancer through miR-1224-3p/high mobility group AT-hook 2 axis. <i>Anti-Cancer Drugs</i> , 0, Publish Ahead of Print, .	0.7	0
1497	Extracellular vesicles in bone homeostasis: key roles of physiological and pathological conditions. <i>Journal of Bone and Mineral Metabolism</i> , 0, , .	1.3	2
1499	Cellular Interplay Through Extracellular Vesicle miR-184 Alleviates Corneal Endothelium Degeneration. <i>Ophthalmology Science</i> , 2022, 2, 100212.	1.0	3
1500	Multifaceted roles of extracellular RNAs in different diseases. <i>Military Medical Research</i> , 2022, 9, .	1.9	3
1501	Modes of action and diagnostic value of miRNAs in sepsis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	12
1502	Extracellular vesicles in idiopathic pulmonary fibrosis: pathogenesis and therapeutics. <i>Inflammation and Regeneration</i> , 2022, 42, .	1.5	11
1503	The Role of miRNAs in Metabolic Diseases. <i>Current Medicinal Chemistry</i> , 2023, 30, 1922-1944.	1.2	12
1504	Tumor-derived miR-130b-3p induces cancer-associated fibroblast activation by targeting SPIN90 in luminal A breast cancer. <i>Oncogenesis</i> , 2022, 11, .	2.1	5
1505	High-grade bladder cancer cells secrete extracellular vesicles containing miRNA-146a-5p and promotes angiogenesis. , 2022, 1, .		1
1506	Blockade of exosome generation by GW4869 inhibits the education of M2 macrophages in prostate cancer. <i>BMC Immunology</i> , 2022, 23, .	0.9	10
1507	Vascular Smooth Muscle Cell Neutral Sphingomyelinase 2 in the Release of Exosomes and Vascular Calcification. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9178.	1.8	6
1508	Intermittent bulk release of human cytomegalovirus. <i>PLoS Pathogens</i> , 2022, 18, e1010575.	2.1	11
1509	Cellular miR-6741-5p as a Prognostic Biomarker Predicting Length of Hospital Stay Among COVID-19 Patients. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
1510	Unconventional functions of miRNAs. , 2022, , 181-214.		0
1511	The extracellular vesicles. , 2023, , 177-191.		0
1512	MiRNA as a Potential Target for Multiple Myeloma Therapy—Current Knowledge and Perspectives. <i>Journal of Personalized Medicine</i> , 2022, 12, 1428.	1.1	4



#	ARTICLE	IF	CITATIONS
1513	SARS-CoV-2 and extracellular vesicles: An intricate interplay in pathogenesis, diagnosis and treatment. <i>Frontiers in Nanotechnology</i> , 0, 4, .	2.4	3
1514	Exosomal Micro-RNAs as Intercellular Communicators in Idiopathic Pulmonary Fibrosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11047.	1.8	5
1515	Roles of Exosomes in Chronic Rhinosinusitis: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11284.	1.8	4
1516	Ceramide Metabolism Regulated by Sphingomyelin Synthase 2 Is Associated with Acquisition of Chemoresistance via Exosomes in Human Leukemia Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10648.	1.8	6
1518	Small extracellular vesicles: from promoting pre-metastatic niche formation to therapeutic strategies in breast cancer. <i>Cell Communication and Signaling</i> , 2022, 20, .	2.7	17
1519	The potential therapeutic role of extracellular vesicles in osteoarthritis. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	6
1521	The roles of small extracellular vesicles as prognostic biomarkers and treatment approaches in triple-negative breast cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	2
1522	Is there a potential of circulating miRNAs as biomarkers in rheumatic diseases?. <i>Genes and Diseases</i> , 2023, 10, 1263-1278.	1.5	1
1523	MicroRNA Content of Ewing Sarcoma Derived Extracellular Vesicles Leads to Biomarker Potential and Identification of a Previously Undocumented EWS-FL11 Translocation. <i>Biomarker Insights</i> , 2022, 17, 117727192211326.	1.0	5
1524	Exosomal MicroRNAs as Novel Cell-Free Therapeutics in Tissue Engineering and Regenerative Medicine. <i>Biomedicines</i> , 2022, 10, 2485.	1.4	8
1525	Stem cell-based strategies for skeletal muscle tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 1061-1068.	1.3	1
1526	Immune Checkpoint Inhibitors and Other Immune Therapies in Breast Cancer: A New Paradigm for Prolonged Adjuvant Immunotherapy. <i>Biomedicines</i> , 2022, 10, 2511.	1.4	10
1527	Adipose-Secreted Exosomes and Their Pathophysiologic Effects on Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12411.	1.8	5
1528	Profiling non-coding RNA expression in cerebrospinal fluid of amyotrophic lateral sclerosis patients. <i>Annals of Medicine</i> , 2022, 54, 3068-3077.	1.5	5
1529	Crosstalk between extracellular vesicles and tumor-associated macrophage in the tumor microenvironment. <i>Cancer Letters</i> , 2023, 552, 215979.	3.2	10
1530	Circulating MicroRNAs as Cancer Biomarkers in Liquid Biopsies. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 23-73.	0.8	10
1531	Exosomesâ€™ Natureâ€™s Lipid Nanoparticles, a Rising Star in Drug Delivery and Diagnostics. <i>ACS Nano</i> , 2022, 16, 17802-17846.	7.3	117
1532	Circulating microRNAs associated with gestational diabetes mellitus: useful biomarkers?. <i>Journal of Endocrinology</i> , 2023, 256, .	1.2	6

#	ARTICLE	IF	CITATIONS
1535	Advances in the Study of Exosomal miRNAs in Diabetes and Its Complications. <i>Journal of Biosciences and Medicines</i> , 2022, 10, 1-11.	0.1	0
1536	Emerging role of mesenchymal stem cell-derived extracellular vesicles in oral and craniomaxillofacial tissue regenerative medicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	2
1537	Role of Adipose Tissue microRNAs in the Onset of Metabolic Diseases and Implications in the Context of the DOHaD. <i>Cells</i> , 2022, 11, 3711.	1.8	3
1538	Stability of exosomes in the postmortem serum and preliminary study on exosomal miRNA expression profiling in serum from myocardial infarction cadavers. <i>International Journal of Legal Medicine</i> , 2023, 137, 825-834.	1.2	4
1539	Cellular miR-6741-5p as a Prognostic Biomarker Predicting Length of Hospital Stay among COVID-19 Patients. <i>Viruses</i> , 2022, 14, 2681.	1.5	2
1540	RNA-Binding Proteins as Epigenetic Regulators of Brain Functions and Their Involvement in Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14622.	1.8	4
1541	Extracellular Vesiclesâ€™ Role in the Pathophysiology and as Biomarkers in Cystic Fibrosis and COPD. <i>International Journal of Molecular Sciences</i> , 2023, 24, 228.	1.8	5
1542	Manipulation of PDâ€™1 Endosomal Trafficking Promotes Anticancer Immunity. <i>Advanced Science</i> , 2023, 10, .	5.6	6
1543	Role of Ceramides and Lysosomes in Extracellular Vesicle Biogenesis, Cargo Sorting and Release. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15317.	1.8	15
1544	Extracellular Vesicles as Drug Targets and Delivery Vehicles for Cancer Therapy. <i>Pharmaceutics</i> , 2022, 14, 2822.	2.0	6
1545	Protein-Coding Region Derived Small RNA in Exosomes from Influenza A Virusâ€™ Infected Cells. <i>International Journal of Molecular Sciences</i> , 2023, 24, 867.	1.8	0
1546	Extracellular Vesicles Are Important Mediators That Regulate Tumor Lymph Node Metastasis via the Immune System. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1362.	1.8	3
1547	Sonic hedgehog N-terminal level correlates with adiponectin level and insulin resistance in adolescents. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2023, .	0.4	0
1548	Circulating miRNAs associated with nonalcoholic fatty liver disease. <i>American Journal of Physiology - Cell Physiology</i> , 2023, 324, C588-C602.	2.1	14
1549	Extracellular Vesicles and Particles Modulate Proton Secretion in a Model of Human Parietal Cells. <i>ACS Omega</i> , 2023, 8, 2213-2226.	1.6	1
1550	Serum-derived exosomal miR-125a-3p predicts the response to anti-programmed cell death-1/programmed cell death-ligand 1 monotherapy in patients with non-small cell lung cancer. <i>Gene</i> , 2023, 857, 147177.	1.0	2
1551	Can Extracellular Vesicles as Drug Delivery Systems Be a Game Changer in Cardiac Disease?. <i>Pharmaceutical Research</i> , 2023, 40, 889-908.	1.7	11
1552	Obstructive Sleep Apnea: A Look towards Micro-RNAs as Biomarkers of the Future. <i>Biology</i> , 2023, 12, 66.	1.3	4

#	ARTICLE	IF	CITATIONS
1553	Serum-Exosome-Derived miRNAs Serve as Promising Biomarkers for HCC Diagnosis. <i>Cancers</i> , 2023, 15, 205.	1.7	7
1555	The Rise of Extracellular Vesicles as New Age Biomarkers in Cancer Diagnosis: Promises and Pitfalls. <i>Technology in Cancer Research and Treatment</i> , 2023, 22, 153303382211492.	0.8	6
1556	hucMSC-derived Exosomes Suppress the Titanium Particles-induced Osteolysis in Mice through Inhibiting CCL2 and CCL3. <i>Orthopaedic Surgery</i> , 0, , .	0.7	0
1557	Role of Exosome-Derived miRNA in Colorectal Cancer. <i>Advances in Clinical Medicine</i> , 2023, 13, 986-993.	0.0	0
1558	Multifunctional exosome-driven pancreatic cancer diagnostics and therapeutics. , 2023, 2, 100022.		2
1559	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. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7307.	1.8	1
1560	Extracellular vesicle-transmitted miR-671-5p alleviates lung inflammation and injury by regulating the AAK1/NF- $\kappa$ B axis. <i>Molecular Therapy</i> , 2023, 31, 1365-1382.	3.7	6
1561	Exosomal hsa-let-7g-3p and hsa-miR-10395-3p derived from peritoneal lavage predict peritoneal metastasis and the efficacy of neoadjuvant intraperitoneal and systemic chemotherapy in patients with gastric cancer. <i>Gastric Cancer</i> , 2023, 26, 364-378.	2.7	1
1562	PIKFYVE inhibition mitigates disease in models of diverse forms of ALS. <i>Cell</i> , 2023, 186, 786-802.e28.	13.5	27
1563	Extracellular vesicle RNA signaling in the liver tumor microenvironment. <i>Cancer Letters</i> , 2023, 558, 216089.	3.2	5
1564	The Impact of Dysregulated microRNA Biogenesis Machinery and microRNA Sorting on Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3443.	1.8	4
1565	Liquid Biopsy for Oral Cancer Diagnosis: Recent Advances and Challenges. <i>Journal of Personalized Medicine</i> , 2023, 13, 303.	1.1	2
1566	The various role of microRNAs in breast cancer angiogenesis, with a special focus on novel miRNA-based delivery strategies. <i>Cancer Cell International</i> , 2023, 23, .	1.8	5
1567	Context-specific regulation of extracellular vesicle biogenesis and cargo selection. <i>Nature Reviews Molecular Cell Biology</i> , 2023, 24, 454-476.	16.1	112
1569	Exosome-derived Small RNAs in mouse Sertoli cells inhibit spermatogonial apoptosis. <i>Theriogenology</i> , 2023, 200, 155-167.	0.9	4
1570	MicroRNAs as potential biomarkers and therapeutic targets in age-related macular degeneration. <i>Frontiers in Ophthalmology</i> , 0, 3, .	0.2	1
1571	hucMSC-Ex Alleviates IBD-Associated Intestinal Fibrosis by Inhibiting ERK Phosphorylation in Intestinal Fibroblasts. <i>Stem Cells International</i> , 2023, 2023, 1-14.	1.2	6
1572	Exploiting the biogenesis of extracellular vesicles for bioengineering and therapeutic cargo loading. <i>Molecular Therapy</i> , 2023, 31, 1231-1250.	3.7	32

#	ARTICLE	IF	CITATIONS
1573	Injectable hydrogels for sustained delivery of extracellular vesicles in cartilage regeneration. <i>Journal of Controlled Release</i> , 2023, 355, 685-708.	4.8	7
1574	The Roles of Exosomes in Metastasis of Sarcoma: From Biomarkers to Therapeutic Targets. <i>Biomolecules</i> , 2023, 13, 456.	1.8	2
1575	A change of heart: understanding the mechanisms regulating cardiac proliferation and metabolism before and after birth. <i>Journal of Physiology</i> , 2023, 601, 1319-1341.	1.3	10
1576	Electrical Stimulation Increases the Secretion of Cardioprotective Extracellular Vesicles from Cardiac Mesenchymal Stem Cells. <i>Cells</i> , 2023, 12, 875.	1.8	2
1577	The Interplay Between Metabolites and MicroRNAs in Aqueous Humor to Coordinate Corneal Endothelium Integrity. <i>Ophthalmology Science</i> , 2023, 3, 100299.	1.0	2
1578	The Potential Use of Exosomes in Anti-Cancer Effect Induced by Polarized Macrophages. <i>Pharmaceutics</i> , 2023, 15, 1024.	2.0	1
1579	Exercise Improves Metabolism and Alleviates Atherosclerosis via Muscle-Derived Extracellular Vesicles. , 2023, 14, 952.		4
1580	Role of adipocyte-derived extracellular vesicles during the progression of liver inflammation to hepatocellular carcinoma. <i>Journal of Cellular Physiology</i> , 0, , .	2.0	0
1581	Circulating microRNA as Biomarkers for Gestational Diabetes Mellitusâ€”A Systematic Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6186.	1.8	3
1582	miRNAs overexpression and their role in breast cancer: Implications for cancer therapeutics. <i>Current Drug Targets</i> , 2023, 24, .	1.0	0
1583	Endogenous piRNAs Can Interact with the Omicron Variant of the SARS-CoV-2 Genome. <i>Current Issues in Molecular Biology</i> , 2023, 45, 2950-2964.	1.0	0
1584	Multiplex Analysis of Cerebrospinal Fluid and Serum Exosomes MicroRNAs of Untreated Relapsing Remitting Multiple Sclerosis (RRMS) and Proposing Noninvasive Diagnostic Biomarkers. <i>NeuroMolecular Medicine</i> , 2023, 25, 402-414.	1.8	4
1585	Small extracellular vesicles in breast cancer brain metastasis and the prospect of clinical application. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 11, .	2.0	4
1586	Extracellular Vesicles in Breast Cancer: From Biology and Function to Clinical Diagnosis and Therapeutic Management. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7208.	1.8	8
1587	Exosomes: The Surreptitious Intercellular Messengers in the Body. <i>Physiology</i> , 0, , .	4.0	0
1616	Extracellular Vesicles for Muscle Atrophy Treatment. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 119-126.	0.8	0
1618	Breast Milk as a Biological System. , 2023, , 73-81.		0
1644	MicroRNAs-mediated regulation of immune responses in parasitic infection. , 2024, , 239-263.		0

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