Exosomes: From biogenesis and secretion to biological f

Immunology Letters 107, 102-108

DOI: 10.1016/j.imlet.2006.09.005

Citation Report

#	Article	IF	CITATIONS
1	Exosomes released from macrophages infected with intracellular pathogens stimulate a proinflammatory response in vitro and in vivo. Blood, 2007, 110, 3234-3244.	0.6	545
2	Live Cell Imaging of Outward and Inward Vesiculation Induced by the Complement C5b-9 Complex. Journal of Biological Chemistry, 2007, 282, 29977-29986.	1.6	85
3	CD24 is a marker of exosomes secreted into urine and amniotic fluid. Kidney International, 2007, 72, 1095-1102.	2.6	325
4	The Heat Shock Response and Chaperones/Heat Shock Proteins in Brain Tumors: Surface Expression, Release, and Possible Immune Consequences. Journal of Neuroscience, 2007, 27, 11214-11227.	1.7	130
5	Late Endosomal Cholesterol Accumulation Leads to Impaired Intra-Endosomal Trafficking. PLoS ONE, 2007, 2, e851.	1.1	119
6	Evidence for secretion of Cu,Zn superoxide dismutase via exosomes from a cell model of amyotrophic lateral sclerosis. Neuroscience Letters, 2007, 428, 43-46.	1.0	200
7	The L1 Cell Adhesion Molecule as a Target for Radioimmunotherapy. Cancer Biotherapy and Radiopharmaceuticals, 2007, 22, 175-184.	0.7	16
8	Exosomal transfer of proteins and RNAs at synapses in the nervous system. Biology Direct, 2007, 2, 35.	1.9	217
9	Rh blood group and liver transplantation. Liver Transplantation, 2007, 13, 1463-1467.	1.3	1
10	Oligodendrocytes secrete exosomes containing major myelin and stressâ€protective proteins: Trophic support for axons?. Proteomics - Clinical Applications, 2007, 1, 1446-1461.	0.8	423
11	Malignant ascites-derived exosomes of ovarian carcinoma patients contain CD24 and EpCAM. Gynecologic Oncology, 2007, 107, 563-571.	0.6	335
12	Myocardial interstitial Cajal-like cells (ICLC) and their nanostructural relationships with intercalated discs: shed vesicles as intermediates. Journal of Cellular and Molecular Medicine, 2007, 11, 1175-1184.	1.6	66
13	Significance of Endogenous Augmentation of Antiganglioside IgM in Cancer Patients: Potential Tool for Early Detection and Management of Cancer Therapy. Annals of the New York Academy of Sciences, 2007, 1107, 212-222.	1.8	9
14	Proteomic profiling of exosomes: Current perspectives. Proteomics, 2008, 8, 4083-4099.	1.3	767
15	Application of proteomic techniques to the study of urine and renal tissue. Proteomics - Clinical Applications, 2008, 2, 1564-1574.	0.8	3
16	Generation of novel, secreted epidermal growth factor receptor (EGFR/ErbB1) isoforms via metalloproteaseâ€dependent ectodomain shedding and exosome secretion. Journal of Cellular Biochemistry, 2008, 103, 1783-1797.	1.2	104
17	Difference gel electrophoresis analysis of Rasâ€transformed fibroblast cellâ€derived exosomes. Electrophoresis, 2008, 29, 2660-2671.	1.3	62
18	The Stem Cell Marker Prominin-1/CD133 on Membrane Particles in Human Cerebrospinal Fluid Offers Novel Approaches for Studying Central Nervous System Disease. Stem Cells, 2008, 26, 698-705.	1.4	87

#	ARTICLE	IF	Citations
19	The Vps4 C-terminal helix is a critical determinant for assembly and ATPase activity and has elements conserved in other members of the meiotic clade of AAAâ€∫ATPases. FEBS Journal, 2008, 275, 1427-1449.	2.2	13
20	Expression and Prognostic Relevance of Annexin A3 in Prostate Cancer. European Urology, 2008, 54, 1314-1323.	0.9	91
21	Editorial Comment on: Expression and Prognostic Relevance of Annexin A3 in Prostate Cancer. European Urology, 2008, 54, 1322.	0.9	0
22	miRâ€21: a small multiâ€faceted RNA. Journal of Cellular and Molecular Medicine, 2009, 13, 39-53.	1.6	868
23	T Lymphocytes are Targets for Platelet- and Trophoblast-Derived Microvesicles During Pregnancy. Placenta, 2008, 29, 826-832.	0.7	51
24	Increased exosome production from tumour cell cultures using the Integra CELLine Culture System. Journal of Immunological Methods, 2008, 335, 98-105.	0.6	119
25	Itinerant exosomes: emerging roles in cell and tissue polarity. Trends in Cell Biology, 2008, 18, 199-209.	3.6	351
26	Vesicular trafficking and secretion of matrix metalloproteinases-2, -9 and tissue inhibitor of metalloproteinases-1 in neuronal cells. Molecular and Cellular Neurosciences, 2008, 39, 549-568.	1.0	84
27	Enrichment of prion protein in exosomes derived from ovine cerebral spinal fluid. Veterinary Immunology and Immunopathology, 2008, 124, 385-393.	0.5	183
28	Exosome-like vesicles in Gloydius blomhoffii blomhoffii venom. Toxicon, 2008, 51, 984-993.	0.8	34
29	Functional role of N-glycosylation from ADAM10 in processing, localization and activity of the enzyme. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 905-913.	1.1	68
30	Monocyte-derived microparticles and exosomes induce procoagulant and apoptotic effects on endothelial cells. Thrombosis and Haemostasis, 2008, 100, 878-885.	1.8	219
31	Senescence-Associated Exosome Release from Human Prostate Cancer Cells. Cancer Research, 2008, 68, 7864-7871.	0.4	391
32	Cathepsin L Is Responsible for Processing and Activation of Proheparanase through Multiple Cleavages of a Linker Segment. Journal of Biological Chemistry, 2008, 283, 18167-18176.	1.6	149
33	Transfer of T Cell Surface Molecules to Dendritic Cells upon CD4+ T Cell Priming Involves Two Distinct Mechanisms. Journal of Immunology, 2008, 181, 3965-3973.	0.4	29
34	A role for vesicular transport of macromolecules across cell walls in fungal pathogenesis. Communicative and Integrative Biology, 2008, 1, 37-39.	0.6	49
35	Phase I Clinical Trial of Autologous Ascites-derived Exosomes Combined With GM-CSF for Colorectal Cancer. Molecular Therapy, 2008, 16, 782-790.	3.7	651
36	Inhibition of γâ€secretase causes increased secretion of amyloid precursor protein Câ€terminal fragments in association with exosomes. FASEB Journal, 2008, 22, 1469-1478.	0.2	230

#	Article	IF	Citations
37	CD44 and EpCAM: Cancer-Initiating Cell Markers. Current Molecular Medicine, 2008, 8, 784-804.	0.6	175
38	Thymus Exosomes-Like Particles Induce Regulatory T Cells. Journal of Immunology, 2008, 181, 5242-5248.	0.4	125
39	Exosome-Like Vesicles with Dipeptidyl Peptidase IV in Human Saliva. Biological and Pharmaceutical Bulletin, 2008, 31, 1059-1062.	0.6	212
40	Secretory vesicle analysis for discovery of low abundance plasma biomarkers. Expert Opinion on Medical Diagnostics, 2008, 2, 475-485.	1.6	4
41	Vesicular Trans-Cell Wall Transport in Fungi: A Mechanism for the Delivery of Virulence-Associated Macromolecules?. Lipid Insights, 2008, 2, LPI.S1000.	1.0	96
42	Urinary Exosomes. Scientific World Journal, The, 2009, 9, 1107-1118.	0.8	52
43	Tumor-Derived Microvesicles Promote Regulatory T Cell Expansion and Induce Apoptosis in Tumor-Reactive Activated CD8+ T Lymphocytes. Journal of Immunology, 2009, 183, 3720-3730.	0.4	479
44	Caveolinâ€1 tumorâ€promoting role in human melanoma. International Journal of Cancer, 2009, 125, 1514-1522.	2.3	96
45	Proteomic analysis of secreted membrane vesicles of archaeal Sulfolobus species reveals the presence of endosome sorting complex components. Extremophiles, 2009, 13, 67-79.	0.9	148
46	Highlights of a new type of intercellular communication: microvesicle-based information transfer. Inflammation Research, 2009, 58, 1-8.	1.6	170
47	HIV-1 and microvesicles from T cells share a common glycome, arguing for a common origin. Nature Chemical Biology, 2009, 5, 244-250.	3.9	161
48	Proteomic identification of multitasking proteins in unexpected locations complicates drug targeting. Nature Reviews Drug Discovery, 2009, 8, 935-948.	21.5	127
49	Systemic presence and tumor-growth promoting effect of ovarian carcinoma released exosomes. Cancer Letters, 2009, 278, 73-81.	3.2	265
50	Glaucoma-associated myocilin: A better understanding but much more to learn. Experimental Eye Research, 2009, 88, 704-712.	1.2	105
51	Exosomes are an effective vaccine against congenital toxoplasmosis in mice. Vaccine, 2009, 27, 1750-1757.	1.7	89
52	Characterization of exosomeâ€like vesicles released from human tracheobronchial ciliated epithelium: a possible role in innate defense. FASEB Journal, 2009, 23, 1858-1868.	0.2	301
53	Updated Biological Roles for Matrix Metalloproteinases and New "Intracellular―Substrates Revealed by Degradomics. Biochemistry, 2009, 48, 10830-10845.	1.2	195
54	Proteomic Analysis of Human Parotid Gland Exosomes by Multidimensional Protein Identification Technology (MudPIT). Journal of Proteome Research, 2009, 8, 1304-1314.	1.8	254

#	Article	IF	CITATIONS
55	Proteomic and immunologic analyses of brain tumor exosomes. FASEB Journal, 2009, 23, 1541-1557.	0.2	369
56	Microparticle-induced release of B-lymphocyte regulators by rheumatoid synoviocytes. Arthritis Research and Therapy, 2009, 11, R40.	1.6	65
57	COP9-Associated CSN5 Regulates Exosomal Protein Deubiquitination and Sorting. American Journal of Pathology, 2009, 174, 1415-1425.	1.9	61
58	Interleukin-12-anchored exosomes increase cytotoxicity of T lymphocytes by reversing the JAK/STAT pathway impaired by tumor-derived exosomes. International Journal of Molecular Medicine, 2010, 25, 695-700.	1.8	10
59	New mechanism for Notch signaling to endothelium at a distance by Delta-like 4 incorporation into exosomes. Blood, 2010, 116, 2385-2394.	0.6	344
60	Cellular phenotype switching and microvesicles. Advanced Drug Delivery Reviews, 2010, 62, 1141-1148.	6.6	116
61	Relevance of circulating tumor cells, extracellular nucleic acids, and exosomes in breast cancer. Breast Cancer Research and Treatment, 2010, 123, 613-625.	1.1	67
62	Exosome secreted by MSC reduces myocardial ischemia/reperfusion injury. Stem Cell Research, 2010, 4, 214-222.	0.3	1,831
63	Immunoscreening of the extracellular proteome of colorectal cancer cells. BMC Cancer, 2010, 10, 70.	1.1	36
64	Soluble adhesion molecules in human cancers: Sources and fates. European Journal of Cell Biology, 2010, 89, 415-427.	1.6	43
65	Microvesicle entry into marrow cells mediates tissue-specific changes in mRNA by direct delivery of mRNA and induction of transcription. Experimental Hematology, 2010, 38, 233-245.	0.2	186
66	Stem cell plasticity revisited: The continuum marrow model and phenotypic changes mediated by microvesicles. Experimental Hematology, 2010, 38, 581-592.	0.2	90
67	C2C12 myoblasts release micro-vesicles containing mtDNA and proteins involved in signal transduction. Experimental Cell Research, 2010, 316, 1977-1984.	1.2	241
68	Microfiltration isolation of human urinary exosomes for characterization by MS. Proteomics - Clinical Applications, 2010, 4, 84-96.	0.8	170
69	Transfer of the glycosylphosphatidylinositolâ€anchored 5′â€nucleotidase CD73 from adiposomes into rat adipocytes stimulates lipid synthesis. British Journal of Pharmacology, 2010, 160, 878-891.	2.7	42
70	Cellular Internalization of Exosomes Occurs Through Phagocytosis. Traffic, 2010, 11, 675-687.	1.3	757
71	REVIEW ARTICLE: The Role of Placental Exosomes in Reproduction. American Journal of Reproductive Immunology, 2010, 63, 520-533.	1.2	196
72	Review: The role of microRNAs in kidney disease. Nephrology, 2010, 15, 599-608.	0.7	124

#	Article	IF	Citations
73	Novel diagnostic biomarkers for prostate cancer. Journal of Cancer, 2010, 1, 150-177.	1.2	192
74	Exosome Secretion Ameliorates Lysosomal Storage of Cholesterol in Niemann-Pick Type C Disease. Journal of Biological Chemistry, 2010, 285, 26279-26288.	1.6	199
75	CD23 Sheddase A Disintegrin and Metalloproteinase 10 (ADAM10) Is Also Required for CD23 Sorting into B Cell-derived Exosomes. Journal of Biological Chemistry, 2010, 285, 37531-37541.	1.6	52
76	Inhibition of lipolysis by adiposomes containing glycosylphosphatidylinositol-anchored Gce1 protein in rat adipocytes. Archives of Physiology and Biochemistry, 2010, 116, 28-41.	1.0	25
77	Circulating MicroRNAs in Cancer. Nucleic Acids and Molecular Biology, 2010, , 129-145.	0.2	1
78	Oral Protein Therapy for the Future – Transport of Glycolipid-Modified Proteins: Vision or Fiction. Pharmacology, 2010, 86, 92-116.	0.9	10
79	Placental exosome-mediated immune protection of the fetus: feeling groovy in a cloud of exosomes. Expert Review of Obstetrics and Gynecology, 2010, 5, 619-634.	0.4	10
80	Characterization of Yeast Extracellular Vesicles: Evidence for the Participation of Different Pathways of Cellular Traffic in Vesicle Biogenesis. PLoS ONE, 2010, 5, e11113.	1.1	215
81	Cell-Produced α-Synuclein Is Secreted in a Calcium-Dependent Manner by Exosomes and Impacts Neuronal Survival. Journal of Neuroscience, 2010, 30, 6838-6851.	1.7	913
82	Identification and characterization of venom proteins of two solitary wasps, Eumenes pomiformis and Orancistrocerus drewseni. Toxicon, 2010, 56, 554-562.	0.8	31
83	An exosome-based secretion pathway is responsible for protein export from <i>Leishmania </i> hand communication with macrophages. Journal of Cell Science, 2010, 123, 842-852.	1.2	410
84	Podocyte membrane vesicles in urine originate from tip vesiculation of podocyte microvilli. Human Pathology, 2010, 41, 1265-1275.	1.1	63
85	The Tumor Microenvironment. , 2010, , .		6
86	Hsp70 binds to PrP <sup>C</sup> in the process of PrP <sup>C</sup> release via exosomes from THP-1 monocytes. Cell Biology International, 2011, 35, 553-558.	1.4	10
87	Generalization of the Prion Hypothesis to Other Neurodegenerative Diseases: An Imperfect Fit. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2011, 74, 1433-1459.	1.1	63
88	Gene Expression Profiling. Methods in Molecular Biology, 2011, , .	0.4	3
89	Exosomes from ovarian cancer cells induce adipose tissue-derived mesenchymal stem cells to acquire the physical and functional characteristics of tumor-supporting myofibroblasts. Gynecologic Oncology, 2011, 123, 379-386.	0.6	187
90	Biomarkers of Glioma. , 0, , .		3

#	Article	IF	CITATIONS
91	Effects of Alpha-Synuclein on Cellular Homeostasis. , 0, , .		0
92	Proteomic Analysis of Two Types of Exosomes in Human Whole Saliva. Biological and Pharmaceutical Bulletin, 2011, 34, 13-23.	0.6	232
93	New Insights into the Roles of Megalin/LRP2 and the Regulation of its Functional Expression. Biological Research, 2011, 44, 89-105.	1.5	149
94	Loss of EpCAM expression in breast cancer derived serum exosomes: Role of proteolytic cleavage. Gynecologic Oncology, 2011, 122, 437-446.	0.6	248
95	Exosomes as intercellular signalosomes and pharmacological effectors. Biochemical Pharmacology, 2011, 81, 1171-1182.	2.0	471
96	Proteolipidic Composition of Exosomes Changes during Reticulocyte Maturation. Journal of Biological Chemistry, 2011, 286, 34426-34439.	1.6	151
97	Isolation of Exosomes for Subsequent mRNA, MicroRNA, and Protein Profiling. Methods in Molecular Biology, 2011, 784, 181-195.	0.4	89
98	Expression of a lipid-inducible, self-regulating form of Yarrowia lipolytica lipase LIP2 in Saccharomyces cerevisiae. Applied Microbiology and Biotechnology, 2011, 92, 1207-1217.	1.7	10
99	Interaction and uptake of exosomes by ovarian cancer cells. BMC Cancer, 2011, 11, 108.	1.1	513
100	Body fluid derived exosomes as a novel template for clinical diagnostics. Journal of Translational Medicine, 2011, 9, 86.	1.8	612
101	Soluble Eâ€cadherin as a serum biomarker candidate: Elevated levels in patients with lateâ€stage colorectal carcinoma and FAP. International Journal of Cancer, 2011, 128, 1384-1392.	2.3	37
102	Vacuolar Sorting Receptor (VSR) Proteins Reach the Plasma Membrane in Germinating Pollen Tubes. Molecular Plant, 2011, 4, 845-853.	3.9	47
103	Precursor of Brain-derived Neurotrophic Factor (proBDNF) Forms a Complex with Huntingtin-associated Protein-1 (HAP1) and Sortilin That Modulates proBDNF Trafficking, Degradation, and Processing. Journal of Biological Chemistry, 2011, 286, 16272-16284.	1.6	60
104	Exosomes from breast cancer cells can convert adipose tissue-derived mesenchymal stem cells into myofibroblast-like cells. International Journal of Oncology, 2012, 40, 130-8.	1.4	215
105	Novel applications for glycosylphosphatidylinositol-anchored proteins in pharmaceutical and industrial biotechnology. Molecular Membrane Biology, 2011, 28, 187-205.	2.0	11
106	The Colorectal Cancer Initiating Cell: Markers and Their Role in Liver Metastasis. Cancer Metastasis - Biology and Treatment, 2011, , 89-127.	0.1	2
107	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. PLoS Biology, 2012, 10, e1001450.	2.6	1,064
108	Impact of Biofluid Viscosity on Size and Sedimentation Efficiency of the Isolated Microvesicles. Frontiers in Physiology, 2012, 3, 162.	1.3	195

#	ARTICLE	IF	CITATIONS
109	The Exosome Secretory Pathway Transports Amyloid Precursor Protein Carboxyl-terminal Fragments from the Cell into the Brain Extracellular Space. Journal of Biological Chemistry, 2012, 287, 43108-43115.	1.6	308
110	Tetraspanins - Gateways for Infection. Infectious Disorders - Drug Targets, 2012, 12, 4-17.	0.4	68
111	Microvesicles/exosomes as potential novel biomarkers of metabolic diseases. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2012, 5, 247.	1.1	138
112	Advances in the proteomic investigation of the cell secretome. Expert Review of Proteomics, 2012, 9, 337-345.	1.3	109
113	Interactome of the Plant-specific ESCRT-III Component AtVPS2.2 in <i>Arabidopsis thaliana</i> Journal of Proteome Research, 2012, 11, 397-411.	1.8	26
114	Progenitor/Stem Cell Fate Determination: Interactive Dynamics of Cell Cycle and Microvesicles. Stem Cells and Development, 2012, 21, 1627-1638.	1.1	43
115	Circulating miR-155 Expression in Plasma: A Potential Biomarker for Early Diagnosis of Esophageal Cancer in Humans. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 1154-1162.	1.1	69
116	Comparison of ultracentrifugation, density gradient separation, and immunoaffinity capture methods for isolating human colon cancer cell line LIM1863-derived exosomes. Methods, 2012, 56, 293-304.	1.9	943
117	Secreted virulence factors and immune evasion in visceral leishmaniasis. Journal of Leukocyte Biology, 2012, 91, 887-899.	1.5	72
118	Wnt3a induces exosome secretion from primary cultured rat microglia. BMC Neuroscience, 2012, 13, 144.	0.8	88
119	The oyster genome reveals stress adaptation and complexity of shell formation. Nature, 2012, 490, 49-54.	13.7	1,966
120	Trial watch. Oncolmmunology, 2012, 1, 1111-1134.	2.1	152
121	Vesicle and Vesicle-Free Extracellular Proteome of <i>Paracoccidioides brasiliensis</i> Analysis with Other Pathogenic Fungi. Journal of Proteome Research, 2012, 11, 1676-1685.	1.8	160
122	RhoA triggers a specific signaling pathway that generates transforming microvesicles in cancer cells. Oncogene, 2012, 31, 4740-4749.	2.6	279
123	Endosis and Exosis: New Names for Fusion and Budding. Journal of Membrane Biology, 2012, 245, 759-760.	1.0	0
124	Exosomal cell-to-cell transmission of alpha synuclein oligomers. Molecular Neurodegeneration, 2012, 7, 42.	4.4	708
125	Hsp20 Functions as a Novel Cardiokine in Promoting Angiogenesis via Activation of VEGFR2. PLoS ONE, 2012, 7, e32765.	1.1	95
126	Exosome-Related Multi-Pass Transmembrane Protein TSAP6 Is a Target of Rhomboid Protease RHBDD1-Induced Proteolysis. PLoS ONE, 2012, 7, e37452.	1.1	34

#	ARTICLE	IF	CITATIONS
127	Medulloblastoma Exosome Proteomics Yield Functional Roles for Extracellular Vesicles. PLoS ONE, 2012, 7, e42064.	1.1	108
128	Analysis of the Secretomes of Paracoccidioides Mycelia and Yeast Cells. PLoS ONE, 2012, 7, e52470.	1.1	72
129	Salivary Gland Secretion., 2012, , 1229-1249.		0
130	Leishmania Exosomes Deliver Preemptive Strikes to Create an Environment Permissive for Early Infection. Frontiers in Cellular and Infection Microbiology, 2011, 1, 26.	1.8	105
131	Stable cell fate changes in marrow cells induced by lungâ€derived microvesicles. Journal of Extracellular Vesicles, 2012, 1, .	<b>5.</b> 5	40
132	Multidimensional Proteomics for the Identification of Endothelial Post Mortem Signals of Importance in Vascular Remodeling. , 0, , .		0
133	MicroRNAs: molecular features and role in cancer. Frontiers in Bioscience - Landmark, 2012, 17, 2508.	3.0	171
134	Comparison of the Neutrophil Proteome in Trauma Patients and Normal Controls. Protein and Peptide Letters, 2012, 19, 663-672.	0.4	14
135	Urinary Exosomes for Protein Biomarker Research., O,,.		1
136	Proteomic analysis of urine exosomes by multidimensional protein identification technology (MudPIT). Proteomics, 2012, 12, 329-338.	1.3	152
137	Quantitative proteomic analysis of exosomes from <scp>HIV</scp> â€1â€infected lymphocytic cells. Proteomics, 2012, 12, 2203-2211.	1.3	42
138	Membrane Vesicle Release in Bacteria, Eukaryotes, and Archaea: a Conserved yet Underappreciated Aspect of Microbial Life. Infection and Immunity, 2012, 80, 1948-1957.	1.0	622
139	Cell-Secreted Vesicles in Equine Ovarian Follicular Fluid Contain miRNAs and Proteins: A Possible New Form of Cell Communication Within the Ovarian Follicle1. Biology of Reproduction, 2012, 86, 71.	1.2	310
140	Amedeo Avogadro's cry: What is 1 Âμg of exosomes?. BioEssays, 2012, 34, 873-875.	1.2	77
141	Classification, Functions, and Clinical Relevance of Extracellular Vesicles. Pharmacological Reviews, 2012, 64, 676-705.	7.1	1,429
142	Exosome removal as a therapeutic adjuvant in cancer. Journal of Translational Medicine, 2012, 10, 134.	1.8	329
143	Microvesicle and tunneling nanotube mediated intercellular transfer of g-protein coupled receptors in cell cultures. Experimental Cell Research, 2012, 318, 603-613.	1.2	70
144	Tunneling nanotubes: Emerging view of their molecular components and formation mechanisms. Experimental Cell Research, 2012, 318, 1699-1706.	1.2	61

#	Article	IF	CITATIONS
145	Interferonâ $\in \hat{\mathbb{I}}^3$ stimulates p11â $\in$ dependent surface expression of annexin A2 in lung epithelial cells to enhance phagocytosis. Journal of Cellular Physiology, 2012, 227, 2775-2787.	2.0	42
146	MicroRNA-21: a ubiquitously expressed pro-survival factor in cancer and other diseases. Molecular and Cellular Biochemistry, 2012, 360, 147-158.	1.4	67
148	Arrivals and departures at the plasma membrane: direct and indirect transport routes. Cell and Tissue Research, 2013, 352, 5-20.	1.5	31
149	Circulating MicroRNAs as Novel Biomarkers for the Early Diagnosis of Acute Coronary Syndrome. Journal of Cardiovascular Translational Research, 2013, 6, 884-898.	1.1	48
150	Exosomes as a Potential Tool for a Specific Delivery of Functional Molecules. Methods in Molecular Biology, 2013, 1049, 495-511.	0.4	61
151	Exosome-enclosed microRNAs in exhaled breath hold potential for biomarker discovery in patients with pulmonary diseases. Journal of Allergy and Clinical Immunology, 2013, 132, 219-222.e7.	1.5	70
152	Body Fluid Exosomes Promote Secretion of Inflammatory Cytokines in Monocytic Cells via Toll-like Receptor Signaling. Journal of Biological Chemistry, 2013, 288, 36691-36702.	1.6	203
153	Membrane Vesicles Nucleate Mineralo-organic Nanoparticles and Induce Carbonate Apatite Precipitation in Human Body Fluids. Journal of Biological Chemistry, 2013, 288, 30571-30584.	1.6	29
154	Adrenergic Regulation of IgE Involves Modulation of CD23 and ADAM10 Expression on Exosomes. Journal of Immunology, 2013, 191, 5383-5397.	0.4	23
155	Neuronal Exosomal miRNA-dependent Translational Regulation of Astroglial Glutamate Transporter GLT1. Journal of Biological Chemistry, 2013, 288, 7105-7116.	1.6	317
156	Proteomic analysis of podocyte exosome-enriched fraction from normal human urine. Journal of Proteomics, 2013, 82, 193-229.	1.2	125
157	The cell biology of prion-like spread of protein aggregates: mechanisms and implication in neurodegeneration. Biochemical Journal, 2013, 452, 1-17.	1.7	126
158	Reversal of chemosensitivity and induction of cell malignancy of a non-malignant prostate cancer cell line upon extracellular vesicle exposure. Molecular Cancer, 2013, 12, 118.	7.9	35
159	Proteomic Analysis of <i>Trypanosoma cruzi</i> Secretome: Characterization of Two Populations of Extracellular Vesicles and Soluble Proteins. Journal of Proteome Research, 2013, 12, 883-897.	1.8	235
160	Immature Dendritic Cell-Derived Exosomes: a Promise Subcellular Vaccine for Autoimmunity. Inflammation, 2013, 36, 232-240.	1.7	85
161	RAFTsomes Containing Epitope-MHC-II Complexes Mediated CD4+ T Cell Activation and Antigen-Specific Immune Responses. Pharmaceutical Research, 2013, 30, 60-69.	1.7	34
162	Virus-modified exosomes for targeted RNA delivery; A new approach in nanomedicine. Advanced Drug Delivery Reviews, 2013, 65, 348-356.	6.6	114
163	Imaging Inward and Outward Trafficking of Gold Nanoparticles in Whole Animals. ACS Nano, 2013, 7, 2431-2442.	7.3	63

#	Article	IF	CITATIONS
164	Contribution of proteomics to understanding the role of tumorâ€derived exosomes in cancer progression: State of the art and new perspectives. Proteomics, 2013, 13, 1581-1594.	1.3	86
165	Role of mesenchymal stem cell-derived microvesicles in tissue repair. Pediatric Nephrology, 2013, 28, 2249-2254.	0.9	65
166	Non-coding RNA: a novel opportunity for the personalized treatment of multiple myeloma. Expert Opinion on Biological Therapy, 2013, 13, S125-S137.	1.4	70
167	Exosomes in cancer development, metastasis, and drug resistance: a comprehensive review. Cancer and Metastasis Reviews, 2013, 32, 623-642.	2.7	948
168	The unconventional secretion of stress-inducible protein 1 by a heterogeneous population of extracellular vesicles. Cellular and Molecular Life Sciences, 2013, 70, 3211-3227.	2.4	52
169	Proteolytic factors in exosomes. Proteomics, 2013, 13, 1624-1636.	1.3	79
170	Trichomonas vaginalis Exosomes Deliver Cargo to Host Cells and Mediate Hostâ^¶Parasite Interactions. PLoS Pathogens, 2013, 9, e1003482.	2.1	206
171	Coxsackievirus B transmission and possible new roles for extracellular vesicles. Biochemical Society Transactions, 2013, 41, 299-302.	1.6	35
172	The <i>cis</i> -acting signals that target proteins to exosomes and microvesicles. Biochemical Society Transactions, 2013, 41, 277-282.	1.6	77
173	Exosomes: the ideal nanovectors for biodelivery. Biological Chemistry, 2013, 394, 1-15.	1.2	79
174	Genetically Engineered Microvesicles Carrying Suicide mRNA/Protein Inhibit Schwannoma Tumor Growth. Molecular Therapy, 2013, 21, 101-108.	3.7	282
175	Small RNA Transcriptomes of Two Types of Exosomes in Human Whole Saliva Determined by Next Generation Sequencing. Biological and Pharmaceutical Bulletin, 2013, 36, 66-75.	0.6	131
176	The 786-0 renal cancer cell-derived exosomes promote angiogenesis by downregulating the expression of hepatocyte cell adhesion molecule. Molecular Medicine Reports, 2013, 8, 272-276.	1.1	42
177	Distinct RNA profiles in subpopulations of extracellular vesicles: apoptotic bodies, microvesicles and exosomes. Journal of Extracellular Vesicles, $2013, 2, .$	5.5	774
178	Circulating MicroRNAs as Biomarkers for Inflammatory Diseases. MicroRNA (Shariqah, United Arab) Tj ETQq0 0 0	rgBT/Ove	rlock 10 Tf 50
179	Growth factor stimulation of cardiomyocytes induces changes in the transcriptional contents of secreted exosomes. Journal of Extracellular Vesicles, $2013, 2, \ldots$	<b>5.</b> 5	74
180	The Role of Placental Exosomes in Gestational Diabetes Mellitus. , 2013, , .		5
181	Nitric oxide inhibits the production of soluble endothelin converting enzyme-1. Molecular and Cellular Biochemistry, 2014, 396, 49-54.	1.4	7

#	Article	IF	CITATIONS
182	Microfluidic isolation of cancer-cell-derived microvesicles from hetergeneous extracellular shed vesicle populations. Biomedical Microdevices, 2014, 16, 869-877.	1.4	87
183	Exosome identification for personalized diagnosis and therapy. Biomedical Engineering Letters, 2014, 4, 258-268.	2.1	5
184	Prion-like activity of Cu/Zn superoxide dismutase. Prion, 2014, 8, 33-41.	0.9	57
185	Chicken biliary exosomes enhance CD4 <sup>+</sup> T proliferation and inhibit ALV-J replication in liver. Biochemistry and Cell Biology, 2014, 92, 145-151.	0.9	23
186	Divide and conquer: subproteomic approaches toward gastric cancer biomarker and drug target discovery. Expert Review of Proteomics, 2014, 11, 515-530.	1.3	4
187	Subfractionation, characterization, and in-depth proteomic analysis of glomerular membrane vesicles in human urine. Kidney International, 2014, 85, 1225-1237.	2.6	92
188	MicroRNA Profiling of Exosomes Isolated from Biofluids and Conditioned Media. Methods in Molecular Biology, 2014, 1182, 131-144.	0.4	12
189	Proteomic Analysis of Adult Ascaris suum Fluid Compartments and Secretory Products. PLoS Neglected Tropical Diseases, 2014, 8, e2939.	1.3	55
190	Exosomes Derived from Breast Cancer Cells, Small Trojan Horses?. Journal of Mammary Gland Biology and Neoplasia, 2014, 19, 303-313.	1.0	16
191	The multifaceted roles of metabolic enzymes in the Paracoccidioides species complex. Frontiers in Microbiology, 2014, 5, 719.	1.5	31
192	Comparison of ultracentrifugation and density gradient separation methods for isolating Tca8113 human tongue cancer cell line-derived exosomes. Oncology Letters, 2014, 8, 1701-1706.	0.8	79
193	Omics Approaches in Breast Cancer. , 2014, , .		10
194	Exosome in Tumour Microenvironment: Overview of the Crosstalk between Normal and Cancer Cells. BioMed Research International, 2014, 2014, 1-10.	0.9	184
195	Functions and Therapeutic Roles of Exosomes in Cancer. Frontiers in Oncology, 2014, 4, 127.	1.3	210
196	Human semen contains exosomes with potent anti-HIV-1 activity. Retrovirology, 2014, 11, 102.	0.9	121
197	Cancerous epithelial cell lines shed extracellular vesicles with a bimodal size distribution that is sensitive to glutamine inhibition. Physical Biology, 2014, 11, 065001.	0.8	21
198	Production of soluble Neprilysin by endothelial cells. Biochemical and Biophysical Research Communications, 2014, 446, 423-427.	1.0	30
199	Identification two novel nacrein-like proteins involved in the shell formation of the Pacific oyster Crassostrea gigas. Molecular Biology Reports, 2014, 41, 4273-4278.	1.0	32

#	Article	IF	Citations
200	Exosomes: an overview of biogenesis, composition and role in ovarian cancer. Journal of Ovarian Research, 2014, 7, 14.	1.3	172
201	Photodynamic therapy in the cattle protozoan Tritrichomonas foetus cultivated on superhydrophilic carbon nanotube. Materials Science and Engineering C, 2014, 36, 180-186.	3.8	11
202	Epigenetic mechanisms underlying cardiac degeneration and regeneration. International Journal of Cardiology, 2014, 173, 1-11.	0.8	44
203	Oligonucleotide-based therapy for neurodegenerative diseases. Brain Research, 2014, 1584, 116-128.	1.1	34
204	EGFR-dependent mechanisms in glioblastoma: towards a better therapeutic strategy. Cellular and Molecular Life Sciences, 2014, 71, 3465-3488.	2.4	55
205	MicroRNAs as biomarkers of graft outcome. Transplantation Reviews, 2014, 28, 111-118.	1.2	29
206	Limited role of free TDP-43 as a diagnostic tool in neurodegenerative diseases. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2014, 15, 351-356.	1.1	131
207	Novel insights into exosome-induced, tumor-associated inflammation and immunomodulation. Seminars in Cancer Biology, 2014, 28, 51-57.	4.3	63
208	Cardioprotection by remote ischemic preconditioning of the rat heart is mediated by extracellular vesicles. Journal of Molecular and Cellular Cardiology, 2014, 68, 75-78.	0.9	238
209	Theranostic nanomaterials for image-guided gene therapy. MRS Bulletin, 2014, 39, 44-50.	1.7	4
210	DSPP Contains an IRES Element Responsible for the Translation of Dentin Phosphophoryn. Journal of Dental Research, 2014, 93, 155-161.	2.5	18
211	Human Exosomal Placenta-Associated miR-517a-3p Modulates the Expression of PRKG1 mRNA in Jurkat Cells1. Biology of Reproduction, 2014, 91, 129.	1.2	72
212	Placenta-Derived Exosomes and Syncytiotrophoblast Microparticles and their Role in Human Reproduction: Immune Modulation for Pregnancy Success. American Journal of Reproductive Immunology, 2014, 72, 440-457.	1.2	167
213	Short-term but not long-term hypoglycaemia enhances plasma levels and hepatic expression of HSP72 in insulin-treated rats: an effect associated with increased IL-6 levels but not with IL-10 or TNF–α. Molecular and Cellular Biochemistry, 2014, 397, 97-107.	1.4	29
214	Large-scale generation of cell-derived nanovesicles. Nanoscale, 2014, 6, 12056-12064.	2.8	168
215	Identification of microRNAs in exosomes isolated from serum and umbilical cord blood, as well as placentomes of gestational day 90 pregnant sheep. Molecular Reproduction and Development, 2014, 81, 983-993.	1.0	44
216	Molecular characterization of exosome-like vesicles from breast cancer cells. BMC Cancer, 2014, 14, 44.	1.1	132
217	Extracellular RNA mediates and marks cancer progression. Seminars in Cancer Biology, 2014, 28, 14-23.	4.3	67

#	Article	IF	CITATIONS
218	Synergism between upregulation of Rab7 and inhibition of autophagic degradation caused by mycoplasma facilitates intracellular mycoplasma infection. Molecular Medicine Reports, 2014, 9, 793-800.	1.1	8
219	Biological properties of extracellular vesicles and their physiological functions. Journal of Extracellular Vesicles, 2015, 4, 27066.	5.5	3,973
220	Diagnostic and Prognostic Applications of MicroRNA-Abundant Circulating Exosomes., 2015,, 223-256.		0
221	Localization and upregulation of survivin in cancer health disparities: a clinical perspective. Biologics: Targets and Therapy, 2015, 9, 57.	3.0	21
222	Proteogenomic analysis reveals exosomes are more oncogenic than ectosomes. Oncotarget, 2015, 6, 15375-15396.	0.8	226
223	Tumor-derived exosomes in cancer progression and treatment failure. Oncotarget, 2015, 6, 37151-37168.	0.8	187
224	Exosomes and Their Role in the Life Cycle and Pathogenesis of RNA Viruses. Viruses, 2015, 7, 3204-3225.	1.5	200
225	The Dual Role of Exosomes in Hepatitis A and C Virus Transmission and Viral Immune Activation. Viruses, 2015, 7, 6707-6715.	1.5	63
226	Exosomes: Potential in Cancer Diagnosis and Therapy. Medicines (Basel, Switzerland), 2015, 2, 310-327.	0.7	80
227	miRNAs: biological and clinical determinants in epilepsy. Frontiers in Molecular Neuroscience, 2015, 8, 59.	1.4	42
228	Exosomes Are Unlikely Involved in Intercellular Nef Transfer. PLoS ONE, 2015, 10, e0124436.	1.1	31
229	An Overview of the Proteomic and miRNA Cargo in MSC-Derived Exosomes. , 2015, , 21-36.		7
230	Evaluation of the Inflammatory Response in Macrophages Stimulated with Exosomes Secreted by Mycobacterium avium-Infected Macrophages. Bio Med Research International, 2015, 2015, 1-9.	0.9	17
231	Lungâ€derived exosome uptake into and epigenetic modulation of marrow progenitor/stem and differentiated cells. Journal of Extracellular Vesicles, 2015, 4, 26166.	5.5	23
232	Plasma Exosomes and Drug Metabolic Cytochrome P450 Enzymes. Journal of Drug Metabolism & Toxicology, 2015, 06, .	0.1	3
234	Emerging Roles of Exosomes in Normal and Pathological Conditions: New Insights for Diagnosis and Therapeutic Applications. Frontiers in Immunology, 2015, 6, 203.	2.2	481
235	Exosomes Secreted from Human Cancer Cell Lines Contain Inhibitors of Apoptosis (IAP). Cancer Microenvironment, 2015, 8, 65-73.	3.1	57
236	Lung epithelial cell-derived extracellular vesicles activate macrophage-mediated inflammatory responses via ROCK1 pathway. Cell Death and Disease, 2015, 6, e2016-e2016.	2.7	123

#	Article	IF	CITATIONS
237	Myocardial ischemic preconditioning in a porcine model leads to rapid changes in cardiac extracellular vesicle messenger RNA content. IJC Heart and Vasculature, 2015, 8, 62-67.	0.6	5
238	Role of CXC Chemokines in Liver Repair and Regeneration. , 2015, , 113-123.		0
239	Differences between disease-associated endoplasmic reticulum aminopeptidase 1 (ERAP1) isoforms in cellular expression, interactions with tumour necrosis factor receptor 1 (TNF-R1) and regulation by cytokines. Clinical and Experimental Immunology, 2015, 180, 289-304.	1.1	6
240	N-linked (N-) Glycoproteomics of Urimary Exosomes*. Molecular and Cellular Proteomics, 2015, 14, 263-276.	2.5	60
241	Exosomal Hsp70 mediates immunosuppressive activity of the myeloid-derived suppressor cells via phosphorylation of Stat3. Medical Oncology, 2015, 32, 453.	1.2	87
242	Extracellular vesicles $\hat{a}\in$ Their role in the packaging and spread of misfolded proteins associated with neurodegenerative diseases. Seminars in Cell and Developmental Biology, 2015, 40, 89-96.	2.3	178
243	Exosomes and their roles in immune regulation and cancer. Seminars in Cell and Developmental Biology, 2015, 40, 72-81.	2.3	488
244	From molecule to molecule and cell to cell: Prion-like mechanisms in amyotrophic lateral sclerosis. Neurobiology of Disease, 2015, 77, 257-265.	2.1	74
245	Secreted Toxoplasma gondii molecules interfere with expression of MHC-II in interferon gamma-activated macrophages. International Journal for Parasitology, 2015, 45, 319-332.	1.3	38
246	Novel Plasmonic Probes and Smart Superhydrophobic Devices, New Tools for Forthcoming Spectroscopies at the Nanoscale. NATO Science for Peace and Security Series B: Physics and Biophysics, 2015, , 209-235.	0.2	1
247	Exosomes: potential model for complement-stealth delivery systems. European Journal of Nanomedicine, $2015, 7, .$	0.6	10
248	Rapid inertial solution exchange for enrichment and flow cytometric detection of microvesicles. Biomicrofluidics, 2015, 9, 014112.	1.2	93
249	Polysome arrest restricts miRNA turnover by preventing exosomal export of miRNA in growth-retarded mammalian cells. Molecular Biology of the Cell, 2015, 26, 1072-1083.	0.9	41
250	Exosomal protein interactors as emerging therapeutic targets in urothelial bladder cancer. Journal of the Egyptian National Cancer Institute, 2015, 27, 51-58.	0.6	15
251	Shedding of Endogenous Interleukin-6 Receptor (IL-6R) Is Governed by A Disintegrin and Metalloproteinase (ADAM) Proteases while a Full-length IL-6R Isoform Localizes to Circulating Microvesicles. Journal of Biological Chemistry, 2015, 290, 26059-26071.	1.6	112
252	Microvesicles in the brain: Biomarker, messenger or mediator?. Journal of Neuroimmunology, 2015, 288, 70-78.	1.1	65
253	Dysregulated Inflammatory Signaling upon Charcot-Marie-Tooth Type 1C Mutation of SIMPLE Protein. Molecular and Cellular Biology, 2015, 35, 2464-2478.	1.1	12
254	Antibody-coupled monolithic silica microtips for highthroughput molecular profiling of circulating exosomes. Scientific Reports, 2014, 4, 6232.	1.6	166

#	Article	IF	CITATIONS
255	Extracellular vesicle-mediated phenotype switching in malignant and non-malignant colon cells. BMC Cancer, 2015, 15, 571.	1.1	27
256	Use of solid-state nanopores for sensing co-translocational deformation of nano-liposomes. Analyst, The, 2015, 140, 4865-4873.	1.7	33
257	Secreted miR-34a in astrocytic shedding vesicles enhanced the vulnerability of dopaminergic neurons to neurotoxins by targeting Bcl-2. Protein and Cell, 2015, 6, 529-540.	4.8	58
258	PBMC and exosome-derived Hotair is a critical regulator and potent marker for rheumatoid arthritis. Clinical and Experimental Medicine, 2015, 15, 121-126.	1.9	230
259	Exosomes secreted under hypoxia enhance invasiveness and stemness of prostate cancer cells by targeting adherens junction molecules. Molecular Carcinogenesis, 2015, 54, 554-565.	1.3	324
260	Cellular orchestrated biomineralization of crystalline composites on implant surfaces by the eastern oyster, Crassostrea virginica (Gmelin, 1791). Journal of Experimental Marine Biology and Ecology, 2015, 463, 8-16.	0.7	58
261	Different strategies for producing naturally soluble form of common cytokine receptor $\hat{l}^3$ chain. Developmental and Comparative Immunology, 2015, 48, 13-21.	1.0	2
262	Nano-Structures for Optics and Photonics. NATO Science for Peace and Security Series B: Physics and Biophysics, 2015, , .	0.2	8
263	Concise Reviews: A Stem Cell Apostasy: A Tale of Four H Words. Stem Cells, 2015, 33, 15-20.	1.4	25
264	Exosomal miR-21 derived from arsenite-transformed human bronchial epithelial cells promotes cell proliferation associated with arsenite carcinogenesis. Archives of Toxicology, 2015, 89, 1071-1082.	1.9	53
265	Microparticles: A Pivotal Nexus in Vascular Homeostasis and Disease. Current Clinical Pharmacology, 2016, 11, 28-42.	0.2	6
266	Exosomes from Human Umbilical Cord Mesenchymal Stem Cells: Identification, Purification, and Biological Characteristics. Stem Cells International, 2016, 2016, 1-11.	1.2	80
267	Cellular Therapy for Wounds: Applications of Mesenchymal Stem Cells in Wound Healing. , 0, , .		8
268	Exosomes for Immunoregulation and Therapeutic Intervention in Cancer. Journal of Cancer, 2016, 7, 1081-1087.	1.2	38
269	Adapt, Recycle, and Move on: Proteostasis and Trafficking Mechanisms in Melanoma. Frontiers in Oncology, 2016, 6, 240.	1.3	25
270	Endothelial Cells Can Regulate Smooth Muscle Cells in Contractile Phenotype through the miR-206/ARF6&NCX1/Exosome Axis. PLoS ONE, 2016, 11, e0152959.	1.1	46
271	DNA Content in Extracellular Vesicles Isolated from Porcine Coronary Venous Blood Directly after Myocardial Ischemic Preconditioning. PLoS ONE, 2016, 11, e0159105.	1.1	7
272	Magnetic resonance imaging of ultrasmall superparamagnetic iron oxide-labeled exosomes from stem cells: a new method to obtain labeled exosomes. International Journal of Nanomedicine, 2016, 11, 2481.	3.3	93

#	Article	IF	CITATIONS
273	The emerging roles of exosomes in leukemogeneis. Oncotarget, 2016, 7, 50698-50707.	0.8	33
274	Exosomes from adiposeâ€derived stem cells ameliorate phenotype of Huntington's disease <i>in vitro</i> model. European Journal of Neuroscience, 2016, 44, 2114-2119.	1.2	99
275	Identifying Urinary and Serum Exosome Biomarkers for Radiation Exposure Using a Data Dependent Acquisition and SWATH-MS Combined Workflow. International Journal of Radiation Oncology Biology Physics, 2016, 96, 566-577.	0.4	29
276	Circulating exosome levels in the diagnosis of steroid-induced osteonecrosis of the femoral head. Bone and Joint Research, 2016, 5, 276-279.	1.3	30
277	An <i>in vitro</i> model of murine middle ear epithelium. DMM Disease Models and Mechanisms, 2016, 9, 1405-1417.	1.2	26
278	Reversible HuRâ€micro <scp>RNA</scp> binding controls extracellular export of miRâ€122 and augments stress response. EMBO Reports, 2016, 17, 1184-1203.	2.0	139
279	Lung tumor exosomes induce a pro-inflammatory phenotype in mesenchymal stem cells via NFκB-TLR signaling pathway. Journal of Hematology and Oncology, 2016, 9, 42.	6.9	159
280	Psoriatic T cells recognize neolipid antigens generated by mast cell phospholipase delivered by exosomes and presented by CD1a. Journal of Experimental Medicine, 2016, 213, 2399-2412.	4.2	194
281	DNA in serum extracellular vesicles is stable under different storage conditions. BMC Cancer, 2016, 16, 753.	1.1	100
282	Regulation of exosomes released from normal ovarian epithelial cells and ovarian cancer cells. Tumor Biology, 2016, 37, 15763-15771.	0.8	16
283	Physiological and pathological impact of exosomes of adipose tissue. Cell Proliferation, 2016, 49, 3-13.	2.4	96
284	Oxidative stress in retinal pigment epithelium cells increases exosome secretion and promotes angiogenesis in endothelial cells. Journal of Cellular and Molecular Medicine, 2016, 20, 1457-1466.	1.6	180
285	Structure and Function of Epithelial and Endothelial Barriers. , 2016, , 21-58.		0
286	Noise Reduction Method for Quantifying Nanoparticle Light Scattering in Low Magnification Dark-Field Microscope Far-Field Images. Analytical Chemistry, 2016, 88, 12001-12005.	3.2	16
287	Real time and label free profiling of clinically relevant exosomes. Scientific Reports, 2016, 6, 30460.	1.6	124
288	Functional transferred DNA within extracellular vesicles. Experimental Cell Research, 2016, 349, 179-183.	1.2	76
289	Are circulating microRNAs peripheral biomarkers for Alzheimer's disease?. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1617-1627.	1.8	223
290	Facile detection of tumor-derived exosomes using magnetic nanobeads and SERS nanoprobes. Analytical Methods, 2016, 8, 5001-5008.	1.3	132

#	Article	IF	CITATIONS
291	The Potential of MicroRNAs as Prostate Cancer Biomarkers. European Urology, 2016, 70, 312-322.	0.9	243
292	Cellular and molecular aspects of pancreatic cancer. Acta Histochemica, 2016, 118, 305-316.	0.9	30
293	Identification of Developmental Endothelial Locus-1 on Circulating Extracellular Vesicles as a Novel Biomarker for Early Breast Cancer Detection. Clinical Cancer Research, 2016, 22, 1757-1766.	3.2	165
295	Cancer Exosomes as Mediators of Drug Resistance. Methods in Molecular Biology, 2016, 1395, 229-239.	0.4	21
296	Disease Mechanisms in ALS: Misfolded SOD1 Transferred Through Exosome-Dependent and Exosome-Independent Pathways. Cellular and Molecular Neurobiology, 2016, 36, 377-381.	1.7	80
297	Exosome-inspired targeting of cancer cells with enhanced affinity. Journal of Materials Chemistry B, 2016, 4, 768-778.	2.9	13
298	STAT3-regulated exosomal miR-21 promotes angiogenesis and is involved in neoplastic processes of transformed human bronchial epithelial cells. Cancer Letters, 2016, 370, 125-135.	3.2	225
299	Targeted therapeutic delivery using engineered exosomes and its applications in cardiovascular diseases. Gene, 2016, 575, 377-384.	1.0	127
300	Exosomal microRNAs in liquid biopsies: future biomarkers for prostate cancer. Clinical and Translational Oncology, 2017, 19, 651-657.	1.2	75
301	The role of extracellular vesicle microRNAs in cancer biology. Clinical Chemistry and Laboratory Medicine, 2017, 55, 648-656.	1.4	89
302	The role of exosomes in cancer metastasis. Seminars in Cancer Biology, 2017, 44, 170-181.	4.3	305
303	MicroRNAs as Peripheral Biomarkers in Aging and Age-Related Diseases. Progress in Molecular Biology and Translational Science, 2017, 146, 47-94.	0.9	167
304	Accurate quantitation of circulating cell-free mitochondrial DNA in plasma by droplet digital PCR. Analytical and Bioanalytical Chemistry, 2017, 409, 2727-2735.	1.9	28
305	The role of exosomes in CNS inflammation and their involvement in multiple sclerosis. Journal of Neuroimmunology, 2017, 306, 1-10.	1.1	97
306	Secondary Release of Exosomes from Astrocytes Contributes to the Increase in Neural Plasticity and Improvement of Functional Recovery after Stroke in Rats Treated with Exosomes Harvested from MicroRNA 133b-Overexpressing Multipotent Mesenchymal Stromal Cells. Cell Transplantation, 2017, 26, 243-257.	1.2	210
307	Trophic Effects of Mesenchymal Stem Cells in Tissue Regeneration. Tissue Engineering - Part B: Reviews, 2017, 23, 515-528.	2.5	196
308	Quantum dot-based sensitive detection of disease specific exosome in serum. Analyst, The, 2017, 142, 2211-2219.	1.7	129
309	Extracellular vesicles of ETV2 transfected fibroblasts stimulate endothelial cells and improve neovascularization in a murine model of hindlimb ischemia. Cytotechnology, 2017, 69, 801-814.	0.7	4

#	ARTICLE	IF	CITATIONS
310	Exosome miR-371b-5p promotes proliferation of lung alveolar progenitor type II cells by using PTEN to orchestrate the PI3K/Akt signaling. Stem Cell Research and Therapy, 2017, 8, 138.	2.4	43
312	Direct detection of nano-scale extracellular vesicles derived from inflammation-triggered endothelial cells using surface plasmon resonance. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1663-1671.	1.7	34
313	Immune Modulatory microRNAs Involved in Tumor Attack and Tumor Immune Escape. Journal of the National Cancer Institute, $2017$ , $109$ , .	3.0	121
314	Human T-Lymphotropic Viruses. Methods in Molecular Biology, 2017, , .	0.4	0
315	Isolation of Exosomes from HTLV-Infected Cells. Methods in Molecular Biology, 2017, 1582, 57-75.	0.4	9
316	Endothelial microparticles act as novel diagnostic and therapeutic biomarkers of circulatory hypoxiaâ€related diseases: a literature review. Journal of Cellular and Molecular Medicine, 2017, 21, 1698-1710.	1.6	51
317	Sets of serum exosomal microRNAs as candidate diagnostic biomarkers for Kawasaki disease. Scientific Reports, 2017, 7, 44706.	1.6	34
318	Exosomes and Neuroregulation. , 2017, , 313-328.		0
319	A brief review of exosomes and their roles in cancer. Meta Gene, 2017, 11, 70-74.	0.3	18
320	Exosomes and Microvesicles. Methods in Molecular Biology, 2017, , .	0.4	10
321	Circulating microRNAs: Possible role as non-invasive diagnostic biomarkers in liver disease. Clinics and Research in Hepatology and Gastroenterology, 2017, 41, 370-377.	0.7	15
322	Purification and Analysis of Exosomes Released by Mature Cortical Neurons Following Synaptic Activation. Methods in Molecular Biology, 2017, 1545, 129-138.	0.4	17
323	Isolation and characterization of urinary extracellular vesicles: implications for biomarker discovery. Nature Reviews Nephrology, 2017, 13, 731-749.	4.1	341
324	Exosomes as Diagnostic Biomarkers in Cardiovascular Diseases. Advances in Experimental Medicine and Biology, 2017, 998, 61-70.	0.8	31
325	Protein and chemotherapy profiling of extracellular vesicles harvested from therapeutic induced senescent triple negative breast cancer cells. Oncogenesis, 2017, 6, e388-e388.	2.1	72
326	Extracellular Vesicles: A Brief Overview and Its Role in Precision Medicine. Methods in Molecular Biology, 2017, 1660, 1-14.	0.4	14
327	Bone Marrow Stroma and Vascular Contributions to Myeloma Bone Homing. Current Osteoporosis Reports, 2017, 15, 499-506.	1.5	23
328	Therapeutic Effects of Ischemic-Preconditioned Exosomes in Cardiovascular Diseases. Advances in Experimental Medicine and Biology, 2017, 998, 271-281.	0.8	3

#	ARTICLE	IF	CITATIONS
329	Specific packaging and circulation of cytochromes P450, especially 2E1 isozyme, in human plasma exosomes and their implications in cellular communications. Biochemical and Biophysical Research Communications, 2017, 491, 675-680.	1.0	52
330	Selective loading of exosomal HULC and miR-372 is responsible for chondrocyte death during OA pathogenesis. Animal Cells and Systems, 2017, 21, 397-403.	0.8	17
331	Exosomes: biology, therapeutic potential, and emerging role in musculoskeletal repair and regeneration. Annals of the New York Academy of Sciences, 2017, 1410, 57-67.	1.8	50
332	The shedding protease ADAM17: Physiology and pathophysiology. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 2059-2070.	1.9	246
333	An Electrochemical Method for the Detection of Diseaseâ€Specific Exosomes. ChemElectroChem, 2017, 4, 967-971.	1.7	71
334	α-Synuclein-carrying extracellular vesicles in Parkinson's disease: deadly transmitters. Acta Neurologica Belgica, 2017, 117, 43-51.	0.5	54
335	Effect of pH on the isolation of urinary exosome. International Urology and Nephrology, 2017, 49, 165-169.	0.6	24
336	Proteomic Analysis of Exosomes and Exosome-Free Conditioned Media From Human Osteosarcoma Cell Lines Reveals Secretion of Proteins Related to Tumor Progression. Journal of Cellular Biochemistry, 2017, 118, 351-360.	1.2	68
337	DNM3, p65 and p53 from exosomes represent potential clinical diagnosis markers for glioblastoma multiforme. Therapeutic Advances in Medical Oncology, 2017, 9, 741-754.	1.4	25
338	Tumor Microenvironment Modulation via Gold Nanoparticles Targeting Malicious Exosomes: Implications for Cancer Diagnostics and Therapy. International Journal of Molecular Sciences, 2017, 18, 162.	1.8	50
339	Progress in Exosome Isolation Techniques. Theranostics, 2017, 7, 789-804.	4.6	1,279
340	Mesenchymal stem cells release exosomes that transfer miRNAs to endothelial cells and promote angiogenesis. Oncotarget, 2017, 8, 45200-45212.	0.8	301
341	Crosstalk between tongue carcinoma cells, extracellular vesicles, and immune cells in <i>in vitro</i> and <i>in vivo</i> models. Oncotarget, 2017, 8, 60123-60134.	0.8	28
342	Exosomes in Cancer Diagnostics. Cancers, 2017, 9, 8.	1.7	275
343	Cross Talk between Adipose Tissue and Placenta in Obese and Gestational Diabetes Mellitus Pregnancies via Exosomes. Frontiers in Endocrinology, 2017, 8, 239.	1.5	78
344	Comparative Gene Expression Analysis of Lymphocytes Treated with Exosomes Derived from Ovarian Cancer and Ovarian Cysts. Frontiers in Immunology, 2017, 8, 607.	2.2	18
345	Perspective Insights of Exosomes in Neurodegenerative Diseases: A Critical Appraisal. Frontiers in Aging Neuroscience, 2017, 9, 317.	1.7	79
346	Exosomes: Origins and Therapeutic Potential for Neurodegenerative Disease. Frontiers in Neuroscience, 2017, 11, 82.	1.4	125

#	Article	IF	CITATIONS
347	Extracellular Vesicles As Modulators of Tumor Microenvironment and Disease Progression in Glioma. Frontiers in Oncology, 2017, 7, 144.	1.3	47
348	Mesenchymal Stem Cell-Derived Extracellular Vesicles: Roles in Tumor Growth, Progression, and Drug Resistance. Stem Cells International, 2017, 2017, 1-12.	1.2	60
349	Current Perspectives on In Vivo Noninvasive Tracking of Extracellular Vesicles with Molecular Imaging. BioMed Research International, 2017, 2017, 1-11.	0.9	94
350	Novel Implications of Exosomes and IncRNAs in the Diagnosis and Treatment of Pancreatic Cancer. , 2017, , .		3
351	Cellular and exosome mediated molecular defense mechanism in bovine granulosa cells exposed to oxidative stress. PLoS ONE, 2017, 12, e0187569.	1.1	106
352	Exosomal miRNAs and miRNA dysregulation in cancer-associated fibroblasts. Molecular Cancer, 2017, 16, 148.	7.9	216
353	Tumor-derived exosomes in ovarian cancer - liquid biopsies for early detection and real-time monitoring of cancer progression. Oncotarget, 2017, 8, 104687-104703.	0.8	54
354	Maintenance of cancer stemness by miR-196b-5p contributes to chemoresistance of colorectal cancer cells via activating STAT3 signaling pathway. Oncotarget, 2017, 8, 49807-49823.	0.8	151
355	Extracellular vesicles as a platform for membraneâ€associated therapeutic protein delivery. Journal of Extracellular Vesicles, 2018, 7, 1440131.	5.5	168
356	Exosomal circRNA_100284 from arsenite-transformed cells, via microRNA-217 regulation of EZH2, is involved in the malignant transformation of human hepatic cells by accelerating the cell cycle and promoting cell proliferation. Cell Death and Disease, 2018, 9, 454.	2.7	127
357	Multiplexed Isobaric Tagâ€Based Profiling of Seven Murine Tissues Following In Vivo Nicotine Treatment Using a Minimalistic Proteomics Strategy. Proteomics, 2018, 18, e1700326.	1.3	22
358	Extracellular vesicles: a promising tool for assessment of embryonic competence. Current Opinion in Obstetrics and Gynecology, 2018, 30, 171-178.	0.9	11
359	BAT Exosomes: Metabolic Crosstalk with Other Organs and Biomarkers for BAT Activity. Handbook of Experimental Pharmacology, 2018, 251, 337-346.	0.9	9
360	Review: Microfluidics technologies for blood-based cancer liquid biopsies. Analytica Chimica Acta, 2018, 1012, 10-29.	2.6	79
361	Bladder regeneration through stem cell therapy. Expert Opinion on Biological Therapy, 2018, 18, 525-544.	1.4	10
362	Cytocapsular tubes conduct cell translocation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1137-E1146.	3.3	9
363	Autophagy regulates exosomal release of prions in neuronal cells. Journal of Biological Chemistry, 2018, 293, 8956-8968.	1.6	82
364	A pharmaceutical investigation into exosomes. Journal of Pharmaceutical Investigation, 2018, 48, 617-626.	2.7	14

#	Article	IF	Citations
365	Exosomes and their Application in Biomedical Field: Difficulties and Advantages. Molecular Neurobiology, 2018, 55, 3372-3393.	1.9	91
366	Extracellular Vesicles Secreted by Atherogenic Macrophages Transfer MicroRNA to Inhibit Cell Migration. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 49-63.	1.1	176
367	PDE/cAMP/Epac/C/EBP- $\hat{l}^2$ Signaling Cascade Regulates Mitochondria Biogenesis of Tubular Epithelial Cells in Renal Fibrosis. Antioxidants and Redox Signaling, 2018, 29, 637-652.	2.5	44
368	Autocrine secretions enhance radioresistance in an exosome‑independent manner in NSCLC cells. International Journal of Oncology, 2019, 54, 229-238.	1.4	5
369	Placentaâ€'associated serum exosomal miRâ€'155 derived from patients with preeclampsia inhibits eNOS expression in human umbilical vein endothelial cells. International Journal of Molecular Medicine, 2018, 41, 1731-1739.	1.8	51
370	Assessing "Start-up Readiness" for Research Topics and Researchers: Case Studies of Research-Based Start-Ups in the Biopharmaceutical Domain. , 2018, , .		1
371	Cancer Diagnosis: From Tumor to Liquid Biopsy and Beyond. Lab on A Chip, 2018, 19, 11-34.	3.1	123
372	The Role of Circulating Biomarkers in the Early Diagnosis of Ovarian Cancer. , 2018, , .		4
373	Adipose tissue stem cells in regenerative medicine. Ecancermedicalscience, 2018, 12, 822.	0.6	102
374	Extracellular vesicles: intelligent delivery strategies for therapeutic applications. Journal of Controlled Release, 2018, 289, 56-69.	4.8	85
375	Proteomic Profiling of Exosomal Proteins for Blood-based Biomarkers in Parkinson's Disease. Neuroscience, 2018, 392, 121-128.	1.1	76
376	New Optical Imaging Reporter-labeled Anaplastic Thyroid Cancer-Derived Extracellular Vesicles as a Platform for In Vivo Tumor Targeting in a Mouse Model. Scientific Reports, 2018, 8, 13509.	1.6	17
377	Extracellular multivesicular bodies in tissues affected by inflammation/repair and tumors. Ultrastructural Pathology, 2018, 42, 448-457.	0.4	5
378	Adipose tissue browning in cancer-associated cachexia can be attenuated by inhibition of exosome generation. Biochemical and Biophysical Research Communications, 2018, 506, 122-129.	1.0	32
379	HCV-associated exosomes promote myeloid-derived suppressor cell expansion via inhibiting miR-124 to regulate T follicular cell differentiation and function. Cell Discovery, 2018, 4, 51.	3.1	34
380	Novel Biomarkers for Prostate Cancer Detection and Prognosis. Advances in Experimental Medicine and Biology, 2018, 1095, 15-39.	0.8	19
381	Mandible exosomal ssc-mir-133b regulates tooth development in miniature swine via endogenous apoptosis. Bone Research, 2018, 6, 28.	5.4	15
382	Ebola Virus VP40 Modulates Cell Cycle and Biogenesis of Extracellular Vesicles. Journal of Infectious Diseases, 2018, 218, S365-S387.	1.9	40

#	Article	IF	CITATIONS
383	Advancements in microfluidic technologies for isolation and early detection of circulating cancer-related biomarkers. Analyst, The, 2018, 143, 2971-2991.	1.7	39
384	Arthropod EVs mediate dengue virus transmission through interaction with a tetraspanin domain containing glycoprotein Tsp29Fb. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6604-E6613.	3.3	86
385	Leucine-rich G Protein-coupled Receptor-5 Is Significantly Increased in the Aqueous Humor of Human Eye with Proliferative Diabetic Retinopathy. Experimental Neurobiology, 2018, 27, 238-244.	0.7	1
386	Characterization of exosomes derived from <em>Toxoplasma gondii</em> and their functions in modulating immune responses. International Journal of Nanomedicine, 2018, Volume 13, 467-477.	3.3	79
387	Roles of Macrophage Exosomes in Immune Response to Calcium Oxalate Monohydrate Crystals. Frontiers in Immunology, 2018, 9, 316.	2.2	77
388	Extracellular Vesicles in Chagas Disease: A New Passenger for an Old Disease. Frontiers in Microbiology, 2018, 9, 1190.	1.5	38
389	Salivary exosomes as potential biomarkers in cancer. Oral Oncology, 2018, 84, 31-40.	0.8	68
390	Natural Tâ€cell ligands that are created by genetic variants can be transferred between cells by extracellular vesicles. European Journal of Immunology, 2018, 48, 1621-1631.	1.6	7
391	Secretion and fusion of biogeochemically active archaeal membrane vesicles. Geobiology, 2018, 16, 659-673.	1.1	5
392	Hypoxia-derived exosomes induce putative altered pathways in biosynthesis and ion regulatory channels in glioblastoma cells. Biochemistry and Biophysics Reports, 2018, 14, 104-113.	0.7	65
393	A low voltage nanopipette dielectrophoretic device for rapid entrapment of nanoparticles and exosomes extracted from plasma of healthy donors. Scientific Reports, 2018, 8, 6751.	1.6	45
394	Tunneling Nanotubes: A Versatile Target for Cancer Therapy. Current Cancer Drug Targets, 2018, 18, 514-521.	0.8	31
395	Advances of exosome in the development of ovarian cancer and its diagnostic and therapeutic prospect. OncoTargets and Therapy, 2018, Volume 11, 2831-2841.	1.0	36
396	Role of retinal pigment epitheliumâ€derived exosomes and autophagy in new blood vessel formation. Journal of Cellular and Molecular Medicine, 2018, 22, 5244-5256.	1.6	43
397	Vesicles bearing gifts: the functional importance of micro-RNA transfer in extracellular vesicles in chronic kidney disease. American Journal of Physiology - Renal Physiology, 2018, 315, F1430-F1443.	1.3	17
398	Liquid biopsy in pancreatic cancer: the beginning of a new era. Oncotarget, 2018, 9, 26900-26933.	0.8	47
399	Exosomal ephrinA2 derived from serum as a potential biomarker for prostate cancer. Journal of Cancer, 2018, 9, 2659-2665.	1.2	39
400	Snake Venom Extracellular vesicles (SVEVs) reveal wide molecular and functional proteome diversity. Scientific Reports, 2018, 8, 12067.	1.6	20

#	Article	IF	CITATIONS
401	Exosomes serve as novel modes of tick-borne flavivirus transmission from arthropod to human cells and facilitates dissemination of viral RNA and proteins to the vertebrate neuronal cells. PLoS Pathogens, 2018, 14, e1006764.	2.1	145
402	Exosome-Mediated Communication in the Tumor Microenvironment. , 2018, , 187-218.		3
403	Introduction to Exosomes and Cancer. , 2018, , 1-10.		0
404	The role of exosomes in allograft immunity. Cellular Immunology, 2018, 331, 85-92.	1.4	23
405	MiRâ€214 is an important regulator of the musculoskeletal metabolism and disease. Journal of Cellular Physiology, 2019, 234, 231-245.	2.0	49
406	Neuronal Enriched Extracellular Vesicle Proteins as Biomarkers for Traumatic Brain Injury. Journal of Neurotrauma, 2019, 36, 975-987.	1.7	42
407	Exosomes derived from induced vascular progenitor cells promote angiogenesis in vitro and in an in vivo rat hindlimb ischemia model. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H765-H776.	1.5	35
408	The multiple roles of exosomes in Parkinson's disease: an overview. Immunopharmacology and Immunotoxicology, 2019, 41, 469-476.	1.1	43
409	Recent advances and challenges in the recovery and purification of cellular exosomes. Electrophoresis, 2019, 40, 3036-3049.	1.3	89
410	Mesenchymal derived exosomes enhance recovery of motor function in a monkey model of cortical injury. Restorative Neurology and Neuroscience, 2019, 37, 347-362.	0.4	24
411	Expression Profiling of Exosomal miRNAs Derived from the Peripheral Blood of Kidney Recipients with DGF Using High-Throughput Sequencing. BioMed Research International, 2019, 2019, 1-14.	0.9	15
412	Exosomes as carriers transporting long non‑coding RNAs: Molecular characteristics and their function in cancer (Review). Molecular Medicine Reports, 2019, 20, 851-862.	1.1	18
413	Biological Function of Exosomes as Diagnostic Markers and Therapeutic Delivery Vehicles in Carcinogenesis and Infectious Diseases. , 0, , .		16
414	Extracellular RNA: mechanisms of it's transporting into target cells. ExRNA, 2019, 1, .	1.0	8
415	Urinary extracellular vesicles as a source of biomarkers reflecting renal cellular biology in human disease. Methods in Cell Biology, 2019, 154, 43-65.	0.5	7
416	New insight into isolation, identification techniques and medical applications of exosomes. Journal of Controlled Release, 2019, 308, 119-129.	4.8	130
417	Urinary exosome miRâ€30câ€5p as a biomarker of clear cell renal cell carcinoma that inhibits progression by targeting HSPA5. Journal of Cellular and Molecular Medicine, 2019, 23, 6755-6765.	1.6	79
418	The Mantle Exosome and MicroRNAs of Hyriopsis cumingii Involved in Nacre Color Formation. Marine Biotechnology, 2019, 21, 634-642.	1.1	25

#	Article	IF	CITATIONS
419	HTLV-1 Extracellular Vesicles Promote Cell-to-Cell Contact. Frontiers in Microbiology, 2019, 10, 2147.	1.5	46
420	Extracellular Vesicles in Cancer Immune Microenvironment and Cancer Immunotherapy. Advanced Science, 2019, 6, 1901779.	5.6	179
421	Beyond tumor mutational burden: potential and limitations in using exosomes to predict response to immunotherapy. Expert Review of Molecular Diagnostics, 2019, 19, 1079-1088.	1.5	15
422	Epigenetic biomarkers of asthma and allergic disorders. , 2019, , 139-169.		O
423	Lipidomic characterization of extracellular vesicles in human serum. Journal of Circulating Biomarkers, 2019, 8, 184945441987984.	0.8	56
424	Proteomic Profiling of Rhabdomyosarcoma-Derived Exosomes Yield Insights into Their Functional Role in Paracrine Signaling. Journal of Proteome Research, 2019, 18, 3567-3579.	1.8	13
425	Cancer-Derived Exosomes as Effectors of Key Inflammation-Related Players. Frontiers in Immunology, 2019, 10, 2103.	2.2	87
426	circIFT80 Functions as a ceRNA of miR-1236-3p to Promote Colorectal Cancer Progression. Molecular Therapy - Nucleic Acids, 2019, 18, 375-387.	2.3	66
427	Milk-derived exosomes (MDEs) have a different biological effect onÂnormal fetal colon epithelial cells compared to colon tumor cells in a miRNA-dependent manner. Journal of Translational Medicine, 2019, 17, 325.	1.8	65
428	Outer Membrane Vesicles of Bacteria: Structure, Biogenesis, and Function., 2019,, 593-607.		2
429	Potential therapeutic applications of exosomes in different autoimmune diseases. Clinical Immunology, 2019, 205, 116-124.	1.4	47
430	Exosomes: Diagnostic Biomarkers and Therapeutic Delivery Vehicles for Cancer. Molecular Pharmaceutics, 2019, 16, 3333-3349.	2.3	101
431	MicroRNA profiling of plasma exosomes from patients with ovarian cancer using high‑throughput sequencing. Oncology Letters, 2019, 17, 5601-5607.	0.8	42
432	Cardioprotective role of extracellular vesicles: A highlight on exosome beneficial effects in cardiovascular diseases. Journal of Cellular Physiology, 2019, 234, 21732-21745.	2.0	59
433	Differential Plasma Expression Profiles of Long Non-Coding RNAs Reveal Potential Biomarkers for Systemic Lupus Erythematosus. Biomolecules, 2019, 9, 206.	1.8	44
434	TFAP2E methylation promotes 5‑fluorourail resistance via exosomal miR‑106a‑5p and miR‑421 in gastric cancer MGC‑803 cells. Molecular Medicine Reports, 2019, 20, 323-331.	1.1	21
435	Extracellular Vesicles and Ebola Virus: A New Mechanism of Immune Evasion. Viruses, 2019, 11, 410.	1.5	27
436	Extracellular Vesicles as Biological Shuttles for Targeted Therapies. International Journal of Molecular Sciences, 2019, 20, 1848.	1.8	60

#	Article	IF	Citations
437	Mass spectrometry-based proteome profiling of extracellular vesicles and their roles in cancer biology. Experimental and Molecular Medicine, 2019, 51, 1-10.	3.2	96
438	Differential miRNA expression profile and proteome in plasma exosomes from patients with paroxysmal nocturnal hemoglobinuria. Scientific Reports, 2019, 9, 3611.	1.6	13
439	Exosomes mediate Zika virus transmission through SMPD3 neutral Sphingomyelinase in cortical neurons. Emerging Microbes and Infections, 2019, 8, 307-326.	3.0	94
440	Glioblastoma diagnostics and prognostic biomarkers: Current status in medicine and exosome derivation. Current Medicine Research and Practice, 2019, 9, 65-73.	0.1	2
441	Accelerating Biologics Manufacturing by Modeling or: Is Approval under the QbD and PAT Approaches Demanded by Authorities Acceptable Without a Digital-Twin?. Processes, 2019, 7, 94.	1.3	75
442	Seminal Plasma Exosomes: Promising Biomarkers for Identification of Male and Pseudo-Males in Cynoglossus semilaevis. Marine Biotechnology, 2019, 21, 310-319.	1.1	24
443	Perinatal Stem Cells. , 2019, , .		2
444	Myosin Va and spermine synthase: partners in exosome transport. Bioscience Reports, 2019, 39, .	1.1	3
445	Exosome nanocarriers., 2019, , 189-218.		2
446	Molecular Mechanisms Underpinning Microparticle-Mediated Cellular Injury in Cardiovascular Complications Associated with Diabetes. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-23.	1.9	17
447	Exosomes: composition, biogenesis, and mechanisms in cancer metastasis and drug resistance. Molecular Cancer, 2019, 18, 75.	7.9	853
448	Naturally Occurring Exosome Vesicles as Potential Delivery Vehicle for Bioactive Compounds. Frontiers in Sustainable Food Systems, 2019, 3, .	1.8	162
449	Identification and characterization of Paracoccidioides lutzii proteins interacting with macrophages. Microbes and Infection, 2019, 21, 401-411.	1.0	12
450	Serum exosomal microRNA letâ€ <b>7</b> iâ€3p as candidate diagnostic biomarker for Kawasaki disease patients with coronary artery aneurysm. IUBMB Life, 2019, 71, 891-900.	1.5	19
451	ARPE-19-derived VEGF-containing exosomes promote neovascularization in HUVEC: the role of the melanocortin receptor 5. Cell Cycle, 2019, 18, 413-424.	1.3	31
452	The Relationship between Exosomes and Cancer: Implications for Diagnostics and Therapeutics. BioDrugs, 2019, 33, 137-158.	2.2	18
453	Dietary Depletion of Milk Exosomes and Their MicroRNA Cargos Elicits a Depletion of miR-200a-3p and Elevated Intestinal Inflammation and Chemokine (C-X-C Motif) Ligand 9 Expression in Mdr1a Mice. Current Developments in Nutrition, 2019, 3, nzz122.	0.1	37
454	circPUM1 Promotes Tumorigenesis and Progression of Ovarian Cancer by Sponging miR-615-5p and miR-6753-5p. Molecular Therapy - Nucleic Acids, 2019, 18, 882-892.	2.3	83

#	Article	IF	CITATIONS
455	Circulating Exosomes and Their Role in Stroke. Current Drug Targets, 2019, 21, 89-95.	1.0	11
456	Role of Tumor-Mediated Dendritic Cell Tolerization in Immune Evasion. Frontiers in Immunology, 2019, 10, 2876.	2.2	60
457	Mesenchymal stromal cells-exosomes: a promising cell-free therapeutic tool for wound healing and cutaneous regeneration. Burns and Trauma, 2019, 7, 38.	2.3	98
458	Role of exosomes induced by remote ischemic preconditioning in neuroprotection against cerebral ischemia. NeuroReport, 2019, 30, 834-841.	0.6	34
459	Graphene Oxide-Based Biosensors for Liquid Biopsies in Cancer Diagnosis. Nanomaterials, 2019, 9, 1725.	1.9	18
460	Identification and characterization of differentially expressed exosomal microRNAs in bovine milk infected with Staphylococcus aureus. BMC Genomics, 2019, 20, 934.	1.2	58
461	Cell communication by tunneling nanotubes: Implications in disease and therapeutic applications. Journal of Cellular Physiology, 2019, 234, 1130-1146.	2.0	72
462	Breast Tumor Microenvironment Can Transform Naive Mesenchymal Stem Cells into Tumor-Forming Cells in Nude Mice. Stem Cells and Development, 2019, 28, 341-352.	1.1	22
463	Targeting Proteotoxic Stress in Cancer: A Review of the Role that Protein Quality Control Pathways Play in Oncogenesis. Cancers, 2019, 11, 66.	1.7	73
464	Exosomes in hepatocellular carcinoma: a new horizon. Cell Communication and Signaling, 2019, 17, 1.	2.7	115
465	Exosomes as a novel cellâ€free therapeutic approach in gastrointestinal diseases. Journal of Cellular Physiology, 2019, 234, 9910-9926.	2.0	42
466	Tumor Liquid Biopsies. Recent Results in Cancer Research, 2020, , .	1.8	11
467	Autoantibodies in lung transplantation. Transplant International, 2020, 33, 41-49.	0.8	11
468	Non-coding RNAs in Rheumatoid Arthritis: From Bench to Bedside. Frontiers in Immunology, 2019, 10, 3129.	2.2	98
469	Multivesicular body and exosome pathway responses to acute exercise. Experimental Physiology, 2020, 105, 511-521.	0.9	30
470	Exosomes in triple negative breast cancer: Garbage disposals or Trojan horses?. Cancer Letters, 2020, 473, 90-97.	3.2	43
471	Exosomes in Gliomas: Biogenesis, Isolation, and Preliminary Applications in Nanomedicine. Pharmaceuticals, 2020, 13, 319.	1.7	20
472	High frequency acoustic cell stimulation promotes exosome generation regulated by a calcium-dependent mechanism. Communications Biology, 2020, 3, 553.	2.0	65

#	Article	IF	CITATIONS
473	Evaluating "startup readiness―for researchers: case studies of research-based startups with biopharmaceutical research topics. Heliyon, 2020, 6, e04160.	1.4	7
474	Exosome: a significant nano-scale drug delivery carrier. Journal of Materials Chemistry B, 2020, 8, 7591-7608.	2.9	108
475	Exosomes: Dynamic Mediators of Extracellular Communication in the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2020, 1258, 189-197.	0.8	16
476	Exosomal cargos modulate autophagy in recipient cells via different signaling pathways. Cell and Bioscience, 2020, 10, 92.	2.1	54
477	Advances of exosome isolation techniques in lung cancer. Molecular Biology Reports, 2020, 47, 7229-7251.	1.0	17
478	Development of CD40L-modified tumor small extracellular vesicles for effective induction of antitumor immune response. Nanomedicine, 2020, 15, 1641-1652.	1.7	9
479	Exosomes in Tumor Immunotherapy: Mediator, Drug Carrier, and Prognostic Biomarker. Advanced Biology, 2020, 4, 2000061.	3.0	6
480	TickSialoFam (TSFam): A Database That Helps to Classify Tick Salivary Proteins, a Review on Tick Salivary Protein Function and Evolution, With Considerations on the Tick Sialome Switching Phenomenon. Frontiers in Cellular and Infection Microbiology, 2020, 10, 374.	1.8	41
481	Magnetic targeting enhances the cutaneous wound healing effects of human mesenchymal stem cell-derived iron oxide exosomes. Journal of Nanobiotechnology, 2020, 18, 113.	4.2	78
482	Isolation of exosomes from whole blood by a new microfluidic device: proof of concept application in the diagnosis and monitoring of pancreatic cancer. Journal of Nanobiotechnology, 2020, 18, 150.	4.2	52
483	Cancer Extracellular Vesicles: Next-Generation Diagnostic and Drug Delivery Nanotools. Cancers, 2020, 12, 3165.	1.7	18
484	SRSF1 regulates exosome microRNA enrichment in human cancer cells. Cell Communication and Signaling, 2020, 18, 130.	2.7	23
485	Extracellular Vesicles in HTLV-1 Communication: The Story of an Invisible Messenger. Viruses, 2020, 12, 1422.	1.5	10
486	HCV-Associated Exosomes Upregulate RUNXOR and RUNX1 Expressions to Promote MDSC Expansion and Suppressive Functions through STAT3–miR124 Axis. Cells, 2020, 9, 2715.	1.8	33
487	Long noncoding RNA <i>ANRIL</i> as a novel biomarker in human cancer. Future Oncology, 2020, 16, 2981-2995.	1.1	21
488	Exosomes in Food: Health Benefits and Clinical Relevance in Diseases. Advances in Nutrition, 2020, 11, 687-696.	2.9	52
489	Membrane-bound extracellular vesicles secreted by parasitic protozoa: cellular structures involved in the communication between cells. Parasitology Research, 2020, 119, 2005-2023.	0.6	35
490	Solid-phase extraction of exosomes from diverse matrices via a polyester capillary-channeled polymer (C-CP) fiber stationary phase in a spin-down tip format. Analytical and Bioanalytical Chemistry, 2020, 412, 4713-4724.	1.9	17

#	Article	IF	CITATIONS
491	Arthropod exosomes as bubbles with message(s) to transmit vector-borne diseases. Current Opinion in Insect Science, 2020, 40, 39-47.	2.2	18
492	Targeting TRAF3IP2, Compared to Rab27, is More Effective in Suppressing the Development and Metastasis of Breast Cancer. Scientific Reports, 2020, 10, 8834.	1.6	6
493	PTRF/CAVIN1, regulated by SHC1 through the EGFR pathway, is found in urine exosomes as a potential biomarker of ccRCC. Carcinogenesis, 2020, 41, 274-283.	1.3	26
494	Role of adipose tissue in regulating fetal growth in gestational diabetes mellitus. Placenta, 2020, 102, 39-48.	0.7	8
495	Circulating cells and exosomes in acute myelogenous leukemia and their role in disease progression and survival. Clinical Immunology, 2020, 217, 108489.	1.4	5
496	Tumor-derived exosomes: the next generation of promising cell-free vaccines in cancer immunotherapy. Oncolmmunology, 2020, 9, 1779991.	2.1	80
497	The function and clinical application of extracellular vesicles in innate immune regulation. Cellular and Molecular Immunology, 2020, 17, 323-334.	4.8	171
498	Extracellular Vesicles Could Carry an Evolutionary Footprint in Interkingdom Communication. Frontiers in Cellular and Infection Microbiology, 2020, 10, 76.	1.8	20
499	Message in a Bottle: Upgrading Cardiac Repair into Rejuvenation. Cells, 2020, 9, 724.	1.8	18
500	Massively Multiplexed Submicron Particle Patterning in Acoustically Driven Oscillating Nanocavities. Small, 2020, 16, e2000462.	5.2	32
501	Exosomes: Effectual players in rheumatoid arthritis. Autoimmunity Reviews, 2020, 19, 102511.	2.5	55
502	MicroRNA expression profile in extracellular vesicles derived from ALV-J infected chicken semen. Virus Research, 2020, 286, 198083.	1.1	5
503	MicroRNA Milk Exosomes: From Cellular Regulator to Genomic Marker. Animals, 2020, 10, 1126.	1.0	24
504	Glioma-derived exosomes drive the differentiation of neural stem cells to astrocytes. PLoS ONE, 2020, 15, e0234614.	1.1	14
505	Bioinspired Biomaterials. Advances in Experimental Medicine and Biology, 2020, , .	0.8	5
506	Implications of Anti-Inflammatory Nature of Exosomes in Knee Arthritis. Cartilage, 2020, , 194760352090476.	1.4	9
507	Nanotechnology in the arena of cancer immunotherapy. Archives of Pharmacal Research, 2020, 43, 58-79.	2.7	14
509	Exosomal communication by metastatic osteosarcoma cells modulates alveolar macrophages to an M2 tumor-promoting phenotype and inhibits tumoricidal functions. Oncolmmunology, 2020, 9, 1747677.	2.1	75

#	Article	IF	CITATIONS
510	Dancing with Trojan horses: an interplay between the extracellular vesicles and viruses. Journal of Biomolecular Structure and Dynamics, 2021, 39, 3034-3060.	2.0	27
511	Role of exosome in autoimmunity, with a particular emphasis on rheumatoid arthritis. International Journal of Rheumatic Diseases, 2021, 24, 159-169.	0.9	19
512	Detection and significance of exosomal mRNA expression profiles in the cerebrospinal fluid of patients with meningeal carcinomatosis. Journal of Molecular Neuroscience, 2021, 71, 790-803.	1.1	5
513	Role of Exosomes in Biological Communication Systems. , 2021, , .		10
514	Adipose mesenchymal stem cell-derived antioxidative extracellular vesicles exhibit anti-oxidative stress and immunomodulatory effects under PM2.5 exposure. Toxicology, 2021, 447, 152627.	2.0	27
515	Exosome carrying PSGR promotes stemness and epithelial-mesenchymal transition of low aggressive prostate cancer cells. Life Sciences, 2021, 264, 118638.	2.0	17
516	Role of Exosomes for Delivery of Chemotherapeutic Drugs. Critical Reviews in Therapeutic Drug Carrier Systems, 2021, 38, 53-97.	1.2	35
517	LncRNA Quantification from Extracellular Vesicles Isolated from Blood Plasma or Conditioned Media. Methods in Molecular Biology, 2021, 2348, 285-304.	0.4	6
518	Therapeutic Potential of Nucleic Acids when Combined with Extracellular Vesicles., 2021, 12, 1476.		12
519	Syntaxin 2 promotes colorectal cancer growth by increasing the secretion of exosomes. Journal of Cancer, 2021, 12, 2050-2058.	1.2	5
520	Exosomal miR-193a and let-7g accelerate cancer progression on primary colorectal cancer and paired peritoneal metastatic cancer. Translational Oncology, 2021, 14, 101000.	1.7	19
521	Low-coverage whole-genome sequencing of extracellular vesicle-associated DNA in patients with metastatic cancer. Scientific Reports, 2021, 11, 4016.	1.6	6
522	Rethinking CRITID Procedure of Brain Targeting Drug Delivery: Circulation, Blood Brain Barrier Recognition, Intracellular Transport, Diseased Cell Targeting, Internalization, and Drug Release. Advanced Science, 2021, 8, 2004025.	5.6	96
523	The Two Faces of Exosomes in Parkinson's Disease: From Pathology to Therapy. Neuroscientist, 2022, 28, 180-193.	2.6	9
524	Short-Term High-Intensity Treadmill Exercise Promotes Ceramide-Dependent Extracellular Vesicle Secretion in the Central Nervous System of Mice. Medical Science Monitor, 2021, 27, e929609.	0.5	4
525	The Emerging Role of Exosomes in Oral Squamous Cell Carcinoma. Frontiers in Cell and Developmental Biology, 2021, 9, 628103.	1.8	28
526	Emerging role of exosomes in arterial and renal calcification. Human and Experimental Toxicology, 2021, 40, 1385-1402.	1.1	3
527	Plasma PrPC and ADAM-10 as novel biomarkers for traumatic brain injury and concussion: a pilot study. Brain Injury, 2021, 35, 734-741.	0.6	11

#	Article	IF	CITATIONS
528	Factors Affecting Extracellular Vesicles Based Drug Delivery Systems. Molecules, 2021, 26, 1544.	1.7	46
529	Exosomal circEhmt1 Released from Hypoxia-Pretreated Pericytes Regulates High Glucose-Induced Microvascular Dysfunction via the NFIA/NLRP3 Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-13.	1.9	36
530	Exosomal therapyâ€"a new frontier in regenerative medicine. Stem Cell Investigation, 2021, 8, 7-7.	1.3	55
531	The role and potential application of extracellular vesicles in liver cancer. Science China Life Sciences, 2021, 64, 1281-1294.	2.3	10
532	Exosomal microRNAs and exosomal long non-coding RNAs in gynecologic cancers. Gynecologic Oncology, 2021, 161, 314-327.	0.6	54
533	GW182 Proteins Restrict Extracellular Vesicle-Mediated Export of MicroRNAs in Mammalian Cancer Cells. Molecular and Cellular Biology, 2021, 41, .	1.1	10
534	Role of Extracellular Vesicles in Glioma Progression: Deciphering Cellular Biological Processes to Clinical Applications. Current Topics in Medicinal Chemistry, 2021, 21, 696-704.	1.0	11
535	Biogenesis, Membrane Trafficking, Functions, and Next Generation Nanotherapeutics Medicine of Extracellular Vesicles. International Journal of Nanomedicine, 2021, Volume 16, 3357-3383.	3.3	54
536	Identification of exosome miRNAs in bronchial epithelial cells after PM2.5 chronic exposure. Ecotoxicology and Environmental Safety, 2021, 215, 112127.	2.9	17
537	Release of redox enzymes and micro-RNAs in extracellular vesicles, during infection and inflammation. Free Radical Biology and Medicine, 2021, 169, 248-257.	1.3	10
538	Selective Antimicrobial Therapies for Periodontitis: Win the "Battle and the War― International Journal of Molecular Sciences, 2021, 22, 6459.	1.8	19
539	Exosomal microRNA in Pancreatic Cancer Diagnosis, Prognosis, and Treatment: From Bench to Bedside. Cancers, 2021, 13, 2777.	1.7	18
540	Mesenchymal Stem Cell-Derived Small Extracellular Vesicles Protect Cardiomyocytes from Doxorubicin-Induced Cardiomyopathy by Upregulating Survivin Expression via the miR-199a-3p-Akt-Sp1/p53 Signaling Pathway. International Journal of Molecular Sciences, 2021, 22, 7102.	1.8	24
541	Plant-derived exosome-like nanoparticles and their therapeutic activities. Asian Journal of Pharmaceutical Sciences, 2022, 17, 53-69.	4.3	110
542	Exosomes as a potential messenger unit during heterochronic parabiosis for amelioration of Huntington's disease. Neurobiology of Disease, 2021, 155, 105374.	2.1	17
543	The Diagnostic Value of Serum Exosomal Has_circ_0000615 for Breast Cancer Patients. International Journal of General Medicine, 2021, Volume 14, 4545-4554.	0.8	13
544	Connection between miRNA Mediation and the Bioactive Effects of Broccoli ( <i>Brassica oleracea</i> ) Tj ETQq0 (Agricultural and Food Chemistry, 2021, 69, 9326-9337.	0 0 rgBT /0 2.4	Overlock 10 T 17
545	Mesenchymal Stem Cell-Derived Exosomes as an Emerging Paradigm for Regenerative Therapy and Nano-Medicine: A Comprehensive Review. Life, 2021, 11, 784.	1.1	17

#	ARTICLE	IF	Citations
546	Mesenchymal stem cell-derived exosomes: An emerging therapeutic strategy for normal and chronic wound healing. World Journal of Clinical Cases, 2021, 9, 6218-6233.	0.3	21
547	Abnormal expression profile of plasma-derived exosomal microRNAs in patients with treatment-resistant depression. Human Genomics, 2021, 15, 55.	1.4	22
548	Exosomes: Potential Disease Biomarkers and New Therapeutic Targets. Biomedicines, 2021, 9, 1061.	1.4	46
549	Systematic Review of the Application of Perinatal Derivatives in Animal Models on Cutaneous Wound Healing. Frontiers in Bioengineering and Biotechnology, 2021, 9, 742858.	2.0	10
550	Tumor-Derived Exosomes: Hidden Players in PD-1/PD-L1 Resistance. Cancers, 2021, 13, 4537.	1.7	20
551	The mantle exosome proteins of Hyriopsis cumingii participate in shell and nacre color formation. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 39, 100844.	0.4	4
552	What we know on the potential use of exosomes for nanodelivery. Seminars in Cancer Biology, 2022, 86, 13-25.	4.3	16
553	Extracellular Vesicles in Lung Cancer: Prospects for Diagnostic and Therapeutic Applications. Cancers, 2021, 13, 4604.	1.7	10
554	Exosomal miRNAs as New Players of Cancers: A Mini-review Study. Gene, Cell and Tissue, 2021, In Press, .	0.2	0
555	Proteomic Identification and Quantification of Snake Venom Biomarkers in Venom and Plasma Extracellular Vesicles. Toxins, 2021, 13, 654.	1.5	9
556	Extracellular Vesicle (EV) biohybrid systems for cancer therapy: Recent advances and future perspectives. Seminars in Cancer Biology, 2021, 74, 45-61.	4.3	19
557	High-quality milk exosomes as oral drug delivery system. Biomaterials, 2021, 277, 121126.	5.7	75
559	Tetraspanins and Cancer Metastasis., 2010,, 555-598.		1
560	Proteomic Characterization of Exosomes from HIV-1-Infected Cells. Methods in Molecular Biology, 2016, 1354, 311-326.	0.4	7
561	Extracellular Vesicles: Recent Developments in Technology and Perspectives for Cancer Liquid Biopsy. Recent Results in Cancer Research, 2020, 215, 319-344.	1.8	20
562	Insulin Analogs: Assessment of Insulin Mitogenicity and IGF-I Activity. , 2016, , 3119-3166.		1
563	Outer Membrane Vesicles of Bacteria: Structure, Biogenesis, and Function., 2017,, 1-15.		2
564	Identification of Serum Exosomal MicroRNA Expression Profiling in Menopausal Females with Osteoporosis by High-throughput Sequencing. Current Medical Science, 2020, 40, 1161-1169.	0.7	14

#	Article	IF	Citations
566	LncRNA HOTAIRM1 promotes MDSC expansion and suppressive functions through the HOXA1-miR124 axis during HCV infection. Scientific Reports, 2020, 10, 22033.	1.6	19
567	Phase I Clinical Trial of Autologous Ascites-derived Exosomes Combined With GM-CSF for Colorectal Cancer. Molecular Therapy, 0, , .	3.7	1
568	Intracellular vesicle clusters are organelles that synthesize extracellular vesicle–associated cargo proteins in yeast. Journal of Biological Chemistry, 2020, 295, 2650-2663.	1.6	16
570	Microvesicles: Intercellular Vectors of Biological Messages. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2011, 11, 88-94.	3.4	42
571	Atomic Force Microscopy for Medicine. , 2011, , 421-436.		3
572	Extracellular Vesicles Derived from Adipose Mesenchymal Stem Cells Alleviate PM2.5-Induced Lung Injury and Pulmonary Fibrosis. Medical Science Monitor, 2020, 26, e922782.	0.5	39
573	Exosomes Derived from M. Bovis BCG Infected Macrophages Activate Antigen-Specific CD4+ and CD8+ T Cells In Vitro and In Vivo. PLoS ONE, 2008, 3, e2461.	1.1	206
574	Exosomes Communicate Protective Messages during Oxidative Stress; Possible Role of Exosomal Shuttle RNA. PLoS ONE, 2010, 5, e15353.	1.1	377
575	Neurokinin 1 Receptor Mediates Membrane Blebbing and Sheer Stress-Induced Microparticle Formation in HEK293 Cells. PLoS ONE, 2012, 7, e45322.	1.1	16
576	Drugging a Stem Cell Compartment Using Wnt3a Protein as a Therapeutic. PLoS ONE, 2014, 9, e83650.	1.1	47
577	Chasing the Origin of Viruses: Capsid-Forming Genes as a Life-Saving Preadaptation within a Community of Early Replicators. PLoS ONE, 2015, 10, e0126094.	1.1	10
578	The emerging role of exosomes in survivin secretion. Histology and Histopathology, 2015, 30, 43-50.	0.5	31
579	Modulation of T Lymphocytes by Tumor-Released Survivin. Journal of Cancer Biology and Therapeutics, 2017, 3, .	0.0	1
580	Targeted proteomics in urinary extracellular vesicles identifies biomarkers for diagnosis and prognosis of prostate cancer. Oncotarget, 2017, 8, 4960-4976.	0.8	80
581	Secretion modification region-derived peptide blocks exosome release and mediates cell cycle arrest in breast cancer cells. Oncotarget, 2017, 8, 11302-11315.	0.8	39
582	Exosomes of invasive urothelial carcinoma cells are characterized by a specific miRNA expression signature. Oncotarget, 2017, 8, 58278-58291.	0.8	35
583	Plasma exosome miR-196a and miR-1246 are potential indicators of localized pancreatic cancer. Oncotarget, 2017, 8, 77028-77040.	0.8	139
584	Biomolecular characterization of exosomes released from cancer stem cells: Possible implications for biomarker and treatment of cancer. Oncotarget, 2015, 6, 3280-3291.	0.8	134

#	Article	IF	CITATIONS
585	VHL-dependent alterations in the secretome of renal cell carcinoma: Association with immune cell response?. Oncotarget, 2015, 6, 43420-43437.	0.8	8
586	Non-coding RNAs in Exosomes: New Players in Cancer Biology. Current Genomics, 2015, 16, 295-303.	0.7	71
587	Exosomes: Structure, Biogenesis, Types and Application in Diagnosis and Gene and Drug Delivery. Current Gene Therapy, 2020, 20, 195-206.	0.9	22
588	Applications of Exosomes in Targeted Drug Delivery for the Treatment of Parkinson's Disease: A Review of Recent Advances and Clinical Challenges. Current Topics in Medicinal Chemistry, 2020, 20, 2777-2788.	1.0	4
589	Microparticles as Biomarkers of Vascular Dysfunction in Metabolic Syndrome and its Individual Components. Current Vascular Pharmacology, 2014, 12, 483-492.	0.8	33
590	Mechanisms of HIV Neuropathogenesis: Role of Cellular Communication Systems. Current HIV Research, 2016, 14, 400-411.	0.2	40
591	The Role of Exosomes in Diseases Related to Infertility. Current Stem Cell Research and Therapy, 2019, 14, 437-441.	0.6	5
592	Exosomal miR-214-5p Released from Glioblastoma Cells Modulates Inflammatory Response of Microglia after Lipopolysaccharide Stimulation through Targeting CXCR5. CNS and Neurological Disorders - Drug Targets, 2019, 18, 78-87.	0.8	24
593	Exosomes Function in Pro- and Anti-Angiogenesis. Current Angiogenesis, 2013, 2, 54-59.	0.1	140
594	Relationship between cellular and exosomal miRNAs targeting NOD-like receptors in bladder cancer: preliminary results. Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology, 2020, 72, 207-213.	3.9	14
595	Immunogenicity of Exosomes from Dendritic Cells Stimulated with Toxoplasma gondii Lysates in Ocularly Immunized Mice. Korean Journal of Parasitology, 2020, 58, 185-189.	0.5	10
596	Exosomes Treatment Mitigates Ischemic Brain Damage but Does Not Improve PostStroke Neurological Outcome. Cellular Physiology and Biochemistry, 2019, 52, 1280-1291.	1.1	51
597	Multiple "Omics―data-based biomarker screening for hepatocellular carcinoma diagnosis. World Journal of Gastroenterology, 2019, 25, 4199-4212.	1.4	3
598	Multiple "Omics―data-based biomarker screening for hepatocellular carcinoma diagnosis. World Journal of Gastroenterology, 2019, 25, 4199-4212.	1.4	52
599	Exosomal circular RNA_400068 promotes the development of renal cell carcinoma via the miR‑210‑5p/SOCS1 axis. Molecular Medicine Reports, 2020, 22, 4810-4820.	1.1	22
600	Exosome can prevent RNase from degrading microRNA in feces. Journal of Gastrointestinal Oncology, 2011, 2, 215-22.	0.6	145
601	Further the liquid biopsy: Gathering pieces of the puzzle of genometastasis theory. World Journal of Clinical Oncology, 2017, 8, 378-388.	0.9	20
602	The ADAM15 ectodomain is shed from secretory exosomes. BMB Reports, 2015, 48, 277-282.	1.1	11

#	Article	IF	CITATIONS
603	Cellular Trafficking and Subcellular Interactions of Cationic Gene Delivery Nanomaterials. Journal of Pharmacy and Nutrition Sciences (discontinued), 2022, 1, 68-81.	0.2	3
604	Amphiphysin 1 and 2 interact with latent membrane protein 2A of Epstein-Barr virus and regulate its exosomal secretion. Biopolymers and Cell, 2012, 28, 234-238.	0.1	5
605	Emerging Role of Exosomal Secretory Pathway in Human Tumour Virus Pathogenesis. International Journal of Biochemistry Research & Review, 2014, 4, 653-665.	0.1	1
606	MicroRNAs in Body Fluids: A More Promising Biomarker for Clear Cell Renal Cell Carcinoma. Cancer Management and Research, 2021, Volume 13, 7663-7675.	0.9	16
607	Identification of altered exosomal microRNAs and mRNAs in Alzheimer's disease. Ageing Research Reviews, 2022, 73, 101497.	5.0	38
608	MSC-Derived Extracellular Vesicles in Tumors and Therapy. Cancers, 2021, 13, 5212.	1.7	35
609	Mesenchymal Stromal Cells and Extracellular Vesicles. , 2022, , 171-193.		2
610	Exosomes as Efficient Nanocarriers in Osteosarcoma: Biological Functions and Potential Clinical Applications. Frontiers in Cell and Developmental Biology, 2021, 9, 737314.	1.8	14
611	Glycoimmunomics of Human Cancer: Relevance to Monitoring Biomarkers of Early Detection and Therapeutic Response., 2009,, 227-252.		1
612	Mikropartikel., 2010,, 89-95.		0
614	The Application of Membrane Vesicles for Cancer Therapy. , 0, , .		1
615	MicroRNAs are Novel Biomarkers for Detection of Colorectal Cancer., 0, , .		0
616	Editorial, 8 April 2013. Exosomes and Microvesicles, 2013, , 1.	1.9	0
617	Breast Cancer Proteomics. , 2014, , 183-209.		0
618	Paradoxical Effects of Microvesicles on Free Radicals Generation – Pathological Implications. , 2014, , 877-888.		0
619	Overview of Extracellular Vesicles in Health and Disease. , 2014, , 1-46.		0
620	Insulin Analogs: Assessment of Insulin Mitogenicity and IGF-I Activity., 2015, , 1-54.		0
621	Prostate Cancer Cells Produce Exosomes Modulating Metastasis to the Bones. Journal of Cancer Prevention & Current Research, 2017, 8, .	0.1	0

#	Article	IF	CITATIONS
622	The Characteristics and Therapeutic Application of Perinatal Mesenchymal Stem Cell-Derived Exosomes., 2019,, 83-91.		0
623	Atomic Force Microscopy for Medicine. , 2019, , 421-436.		0
624	Non-coding RNAs and drug-induced liver injury. Non-coding RNA Investigation, 0, 3, 26-26.	0.6	0
625	The role of tumor-derived exosomes in tumor angiogenesis and tumor progression. Current Issues in Pharmacy and Medical Sciences, 2019, 32, 193-202.	0.1	12
627	Characterization and proteomics of chicken seminal plasma extracellular vesicles. Reproduction in Domestic Animals, 2022, 57, 98-110.	0.6	4
628	Exosomes in Ageing and Motor Neurone Disease: Biogenesis, Uptake Mechanisms, Modifications in Disease and Uses in the Development of Biomarkers and Therapeutics. Cells, 2021, 10, 2930.	1.8	21
629	Extracellular Vesicles: The Next Frontier in Regenerative Medicine and Drug Delivery. Advances in Experimental Medicine and Biology, 2020, 1249, 143-160.	0.8	2
630	Schwann cell‑derived exosomes induce bone marrow‑derived mesenchymal stem cells to express Schwann cell markers in�vitro. Molecular Medicine Reports, 2020, 21, 1640-1646.	1.1	5
631	Droplet Microfluidics for Precision Medicine. RSC Detection Science, 2020, , 253-278.	0.0	0
632	Exosomes: Promising nanocarrier for cancer therapy. Nano Select, 0, , .	1.9	3
633	Diabetic Wound Care: A Concise Review of Diabetic Wound and Skincare Ingredients. Journal of Archives in Military Medicine, 2020, 8, .	0.0	0
635	Regulator Non-coding RNAs: miRNA, siRNA, piRNA, IncRNA, circRNA. Journal of Clinical Medicine of Kazakhstan, 2020, 6, 29-39.	0.1	0
636	Exosomes in Neurodegenerative Disorders. , 2021, , 183-206.		0
637	Colorectal cancer screening using protected microRNAs. Journal of Gastrointestinal Oncology, 2011, 2, 206-7.	0.6	6
638	Tumor exosomes: a novel biomarker?. Journal of Gastrointestinal Oncology, 2011, 2, 203-5.	0.6	5
639	Exosomes-associated neurodegeneration and progression of Parkinson's disease. American Journal of Neurodegenerative Disease, 2012, 1, 217-25.	0.1	55
641	Analysis of endoscopic pancreatic function test (ePFT)-collected pancreatic fluid proteins precipitated via ultracentrifugation. JOP: Journal of the Pancreas, 2013, 14, 176-86.	1.5	4
642	The emerging role of extracellular vesicle-derived miRNAs: implication in cancer progression and stem cell related diseases. , 2016, 2, .		32

#	Article	IF	CITATIONS
643	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
645	Exosomes-mediate microRNAs transfer in breast cancer chemoresistance regulation. American Journal of Cancer Research, 2016, 6, 2129-2139.	1.4	29
646	Exosomes derived from cardiac telocytes exert positive effects on endothelial cells. American Journal of Translational Research (discontinued), 2017, 9, 5375-5387.	0.0	23
647	Exosome mediated multidrug resistance in cancer. American Journal of Cancer Research, 2018, 8, 2210-2226.	1.4	17
648	Liquid Biopsy in Thyroid Cancer: New Insight. International Journal of Hematology-Oncology and Stem Cell Research, 2018, 12, 235-248.	0.3	25
651	The Roles of Exosomes in Immunoregulation and Autoimmune Thyroid Diseases. Frontiers in Immunology, 2021, 12, 757674.	2.2	16
652	Isolation of extra-cellular vesicles in the context of pancreatic adenocarcinomas: Addition of one stringent filtration step improves recovery of specific microRNAs. PLoS ONE, 2021, 16, e0259563.	1.1	12
653	Identification and bioinformatics analysis of differentially expressed milk exosomal microRNAs in milk exosomes of heat-stressed Holstein cows. Functional and Integrative Genomics, 2022, 22, 77-87.	1.4	8
654	Gene Therapy for Huntington's Disease: The Final Strategy for a Cure?. Journal of Movement Disorders, 2022, 15, 15-20.	0.7	10
655	Movement of Mitochondria with Mutant DNA through Extracellular Vesicles Helps Cancer Cells Acquire Chemoresistance. ChemMedChem, 2022, 17, .	1.6	16
656	An Exploration of Non-Coding RNAs in Extracellular Vesicles Delivered by Swine Anterior Pituitary. Frontiers in Genetics, 2021, 12, 772753.	1.1	3
657	Exosomal <scp>lncâ€AFTR</scp> as a novel translation regulator of <scp>FAS</scp> ameliorates <i>Staphylococcus aureus</i> â€induced mastitis. BioFactors, 2022, 48, 148-163.	2.6	17
658	Small Extracellular Vesicles from Human Amniotic Fluid Samples as Promising Theranostics. International Journal of Molecular Sciences, 2022, 23, 590.	1.8	11
659	Smartphone-Based Electrochemical Biosensors for Directly Detecting Serum-Derived Exosomes and Monitoring Their Secretion. Analytical Chemistry, 2022, 94, 3235-3244.	3.2	27
660	Review on Strategies and Technologies for Exosome Isolation and Purification. Frontiers in Bioengineering and Biotechnology, 2021, 9, 811971.	2.0	180
661	Exosomes and COVID-19: challenges and opportunities. Comparative Clinical Pathology, 2022, 31, 347-354.	0.3	12
662	Clinicopathological Significance of Exosomal Proteins CD9 and CD63 and DNA Mismatch Repair Proteins in Prostate Adenocarcinoma and Benign Hyperplasia. Diagnostics, 2022, 12, 287.	1.3	0
663	Tick Saliva and Salivary Glands: What Do We Know So Far on Their Role in Arthropod Blood Feeding and Pathogen Transmission. Frontiers in Cellular and Infection Microbiology, 2021, 11, 816547.	1.8	18

#	Article	IF	CITATIONS
664	Exosomes as Powerful Engines in Cancer: Isolation, Characterization and Detection Techniques. Biosensors, 2021, 11, 518.	2.3	21
665	MicroRNAs are minor constituents of extracellular vesicles that are rarely delivered to target cells. PLoS Genetics, 2021, 17, e1009951.	1.5	125
666	Adipose-Derived Extracellular Vesicles: Systemic Messengers and Metabolic Regulators in Health and Disease. Frontiers in Physiology, 2022, 13, 837001.	1.3	17
667	Chemical Advances in Therapeutic Application of Exosomes and Liposomes. Current Medicinal Chemistry, 2022, 29, 4445-4473.	1.2	6
668	Umbilical Cord Blood-Derived Exosomes in Maternal–Fetal Disease: a Review. Reproductive Sciences, 2023, 30, 54-61.	1.1	2
669	Exosome as a target for cancer treatment. Journal of Investigative Medicine, 2022, 70, 1212-1218.	0.7	12
670	Expression Profiles of Exosomal MicroRNAs Derived from Cerebrospinal Fluid in Patients with Congenital Hydrocephalus Determined by MicroRNA Sequencing. Disease Markers, 2022, 2022, 1-16.	0.6	3
671	Dendritic cells a critical link to alveolar bone loss and systemic disease risk in periodontitis: Immunotherapeutic implications. Periodontology 2000, 2022, 89, 41-50.	6.3	30
672	Milk-Derived Exosomes as Nanocarriers to Deliver Curcumin and Resveratrol in Breast Tissue and Enhance Their Anticancer Activity. International Journal of Molecular Sciences, 2022, 23, 2860.	1.8	44
673	Extracellular Vesicles as Signal Carriers in Malignant Thyroid Tumors?. International Journal of Molecular Sciences, 2022, 23, 3262.	1.8	2
674	Energy Sources for Exosome Communication in a Cancer Microenvironment. Cancers, 2022, 14, 1698.	1.7	30
675	Encapsulating Cas9 into extracellular vesicles by protein myristoylation. Journal of Extracellular Vesicles, 2022, 11, e12196.	5.5	22
676	Non-Exosomal and Exosome-Derived miRNAs as Promising Biomarkers in Canine Mammary Cancer. Life, 2022, 12, 524.	1.1	7
677	Multiple exosome RNA analysis methods for lung cancer diagnosis through integrated on-chip microfluidic system. Chinese Chemical Letters, 2022, 33, 3188-3192.	4.8	17
678	Exogenous and Endogenous Dendritic Cell-Derived Exosomes: Lessons Learned for Immunotherapy and Disease Pathogenesis. Cells, 2022, 11, 115.	1.8	26
679	Human MSC-Derived Exosomes Reduce Cellular Senescence in Renal Epithelial Cells. International Journal of Molecular Sciences, 2021, 22, 13562.	1.8	21
680	The implications of exosomes in pregnancy: emerging as new diagnostic markers and therapeutics targets. Cell Communication and Signaling, 2022, 20, 51.	2.7	35
694	Exosome and Breast Cancer. Research Journal of Pharmacy and Technology, 2022, , 1393-1397.	0.2	2

#	Article	IF	CITATIONS
695	Effects of obesity and acute resistance exercise on skeletal muscle angiogenic communication pathways. Experimental Physiology, 2022, 107, 906-918.	0.9	3
696	Exosome-derived small non-coding RNAs reveal immune response upon grafting transplantation in <i>Pinctada fucata</i> (Mollusca). Open Biology, 2022, 12, 210317.	1.5	2
697	Report of Exosomes Isolated from a Human Uterine Leiomyoma Cell Line and Their Impact on Endometrial Vascular Endothelial Cells. Pharmaceuticals, 2022, 15, 577.	1.7	3
698	Role of Acute Myeloid Leukemia (AML)-Derived exosomes in tumor progression and survival. Biomedicine and Pharmacotherapy, 2022, 150, 113009.	2.5	14
699	Transcriptional ITPR3 as potential targets and biomarkers for human pancreatic cancer. Aging, 2022, 14, 4425-4444.	1.4	2
702	The Therapeutic Potential of Milk Extracellular Vesicles on Colorectal Cancer. International Journal of Molecular Sciences, 2022, 23, 6812.	1.8	20
703	Studying Epigenetics of Cardiovascular Diseases on Chip Guide. Neurology International, 2022, 12, 218-234.	0.2	0
704	Promising Role of Oral Cavity Mesenchymal Stem Cell-Derived Extracellular Vesicles in Neurodegenerative Diseases. Molecular Neurobiology, 0, , .	1.9	3
705	Depletion of serum-derived exosomes aggravates heat stress-induced damage of bovine mammary epithelial cells. Molecular Biology Reports, 2022, 49, 9297-9305.	1.0	1
706	The role and therapeutic applications of exosomes in multiple sclerosis disease. Clinical and Experimental Pharmacology and Physiology, 2022, 49, 1249-1256.	0.9	2
707	Adipose tissue-to-breast cancer crosstalk: Comprehensive insights. Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 1877, 188800.	3.3	10
708	A Review and In Silico Analysis of Tissue and Exosomal Circular RNAs: Opportunities and Challenges in Thyroid Cancer. Cancers, 2022, 14, 4728.	1.7	0
709	Cytokine Profiling of Amniotic Fluid from Congenital Cytomegalovirus Infection. Viruses, 2022, 14, 2145.	1.5	6
710	Variations of follicular fluid extracellular vesicles miRNAs content in relation to development stage and season in buffalo. Scientific Reports, 2022, 12, .	1.6	1
711	The roles of small extracellular vesicles as prognostic biomarkers and treatment approaches in triple-negative breast cancer. Frontiers in Oncology, 0, 12, .	1.3	2
712	Exosome-Containing Extracellular Vesicles Contribute to the Transport of Resveratrol Metabolites in the Bloodstream: A Human Pharmacokinetic Study. Nutrients, 2022, 14, 3632.	1.7	8
713	Impact of Exosomes Released by Different Corneal Cell Types on the Wound Healing Properties of Human Corneal Epithelial Cells. International Journal of Molecular Sciences, 2022, 23, 12201.	1.8	6
714	Extracellular vesicles biogenesis, isolation, manipulation and genetic engineering for potential in vitro and in vivo therapeutics: An overview. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	10

#	ARTICLE	IF	Citations
715	Extracellular Vesicle (EVs) Associated Non-Coding RNAs in Lung Cancer and Therapeutics. International Journal of Molecular Sciences, 2022, 23, 13637.	1.8	9
716	Microfluidics facilitating the use of small extracellular vesicles in innovative approaches to male infertility. Nature Reviews Urology, 2023, 20, 66-95.	1.9	10
717	Extracellular vesicles from Trypanosoma cruzi-dendritic cell interaction show modulatory properties and confer resistance to lethal infection as a cell-free based therapy strategy. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	7
720	Exosomal microRNAs regulate the heat stress response in sea cucumber Apostichopus japonicus. Ecotoxicology and Environmental Safety, 2023, 249, 114419.	2.9	2
721	Extracellular Vesicles' Role in the Pathophysiology and as Biomarkers in Cystic Fibrosis and COPD. International Journal of Molecular Sciences, 2023, 24, 228.	1.8	5
722	New Therapeutics for Extracellular Vesicles: Delivering CRISPR for Cancer Treatment. International Journal of Molecular Sciences, 2022, 23, 15758.	1.8	7
723	The novel importance of miR-143 in obesity regulation. International Journal of Obesity, 2023, 47, 100-108.	1.6	5
724	Extracellular Events Involved in Cancer Cell–Cell Fusion. International Journal of Molecular Sciences, 2022, 23, 16071.	1.8	6
725	Regenerative Effects of Exosomes-Derived MSCs: An Overview on Spinal Cord Injury Experimental Studies. Biomedicines, 2023, 11, 201.	1.4	4
726	Extracellular vesicles of human diabetic retinopathy retinal tissue and urine of diabetic retinopathy patients are enriched for the junction plakoglo bin protein. Frontiers in Endocrinology, 0, 13, .	1.5	2
727	Rheumatoid arthritis and non-coding RNAs; how to trigger inflammation. Life Sciences, 2023, 315, 121367.	2.0	5
728	Generation of bioactive MSC-EVs for bone tissue regeneration by tauroursodeoxycholic acid treatment. Journal of Controlled Release, 2023, 354, 45-56.	4.8	6
729	Regenerative medicine: going beyond transplantology. Infusion & Chemotherapy, 2022, , 6-13.	0.0	0
730	Extracellular Vesicle Membrane Protein Profiling and Targeted Mass Spectrometry Unveil CD59 and Tetraspanin 9 as Novel Plasma Biomarkers for Detection of Colorectal Cancer. Cancers, 2023, 15, 177.	1.7	5
731	The Role of Exosomes in Tumor Metastasis. , 2023, , 1-29.		0
732	Cancer Metastasis: Dynamic Hetero-cellular Communications Between Cancer Cells and Host Tissues. , 2023, , 1-31.		1
733	The Role of Exosomes in Epithelial–to-Mesenchymal Transition and Cell Functional Properties in Head and Neck Cancer. Cancers, 2023, 15, 2156.	1.7	4
734	CLINICAL, MOLECULAR, AND EXOSOMAL MECHANISMS OF CARDIAC AND BRAIN DYSFUNCTION IN SEPSIS. Shock, 2023, 59, 173-179.	1.0	1

#	Article	IF	CITATIONS
735	Mitochondrial cargo export in exosomes: Possible pathways and implication in disease biology. Journal of Cellular Physiology, 2023, 238, 687-697.	2.0	3
736	Tumour‑derived exosomes and their emerging roles in leukaemia (Review). Experimental and Therapeutic Medicine, 2023, 25, .	0.8	1
737	Expression alteration of serum exosomal circular RNAs in obstructive sleep apnea patients with acute myocardial infarction. BMC Medical Genomics, 2023, 16, .	0.7	2
738	The $\hat{l}$ -secretase-derived APP fragment $\hat{l}$ -CTF is localized in Golgi, endosomes and extracellular vesicles and contributes to $\hat{Al^2}$ production. Cellular and Molecular Life Sciences, 2023, 80, .	2.4	4
739	CA-IX-Expressing Small Extracellular Vesicles (sEVs) Are Released by Melanoma Cells under Hypoxia and in the Blood of Advanced Melanoma Patients. International Journal of Molecular Sciences, 2023, 24, 6122.	1.8	2
740	An updateÂin the applications of exosomes in cancer theranostics: from research to clinical trials. Journal of Cancer Research and Clinical Oncology, 2023, 149, 8087-8116.	1.2	6
744	Stem Cell Therapy and Its Products Such as Exosomes: Modern Regenerative Medicine Approach. Biochemistry, 0, , .	0.8	0
746	Isolation of Extracellular Vesicles by a Microfluidic Platform to Diagnose and Monitor Pancreatic Cancer. Methods in Molecular Biology, 2023, , 181-191.	0.4	0