Exosome Secretion Is Enhanced by Invadopodia and Dr

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Citation Report

#	Article	IF	CITATIONS
1	Stimulators of Mineralization Limit the Invasive Phenotype of Human Osteosarcoma Cells by a Mechanism Involving Impaired Invadopodia Formation. PLoS ONE, 2014, 9, e109938.	1.1	9
2	Invadopodia and basement membrane invasion in vivo. Cell Adhesion and Migration, 2014, 8, 246-255.	1.1	61
3	Invadopodia Are Required for Cancer Cell Extravasation and Are a Therapeutic Target for Metastasis. Cell Reports, 2014, 8, 1558-1570.	2.9	310
4	Podosomes in space. Cell Adhesion and Migration, 2014, 8, 179-191.	1.1	108
5	A role for novel lipid interactions in the dynamic recruitment of SNX27 to the T-cell immune synapse. Bioarchitecture, 2014, 4, 215-220.	1.5	5
6	Exosomes: messengers and mediators of tumor–stromal interactions. Biopolymers and Cell, 2014, 30, 426-435.	0.1	1
7	Sorting it out: Regulation of exosome loading. Seminars in Cancer Biology, 2014, 28, 3-13.	4.3	592
8	Polarised cell migration: intrinsic and extrinsic drivers. Current Opinion in Cell Biology, 2014, 30, 25-32.	2.6	33
9	A RAB5/RAB4 recycling circuitry induces a proteolytic invasive program and promotes tumor dissemination. Journal of Cell Biology, 2014, 206, 307-328.	2.3	114
10	Biogenesis, Secretion, and Intercellular Interactions of Exosomes and Other Extracellular Vesicles. Annual Review of Cell and Developmental Biology, 2014, 30, 255-289.	4.0	4,576
11	A comprehensive overview of exosomes as drug delivery vehicles — Endogenous nanocarriers for targeted cancer therapy. Biochimica Et Biophysica Acta: Reviews on Cancer, 2014, 1846, 75-87.	3.3	430
12	Biogenesis and secretion of exosomes. Current Opinion in Cell Biology, 2014, 29, 116-125.	2.6	1,389
13	Extracellular microvesicles and invadopodia mediate non-overlapping modes of tumor cell invasion. Scientific Reports, 2015, 5, 14748.	1.6	136
14	Current mechanistic insights into the roles of matrix metalloproteinases in tumour invasion and metastasis. Journal of Pathology, 2015, 237, 273-281.	2.1	201
15	Exosomes: Implications in HIV-1 Pathogenesis. Viruses, 2015, 7, 4093-4118.	1.5	148
16	KRAS-dependent sorting of miRNA to exosomes. ELife, 2015, 4, e07197.	2.8	296
17	Insights into the Mechanism ofÂExosome Formation and Secretion. , 2015, , 1-19.		3
18	Exosomes: Potent regulators of tumor malignancy and potential bio-tools in clinical application. Critical Reviews in Oncology/Hematology, 2015, 95, 346-358.	2.0	46

#	Article	IF	CITATIONS
19	Extracellular vesicles shuffling intercellular messages: for good or for bad. Current Opinion in Cell Biology, 2015, 35, 69-77.	2.6	397
20	Organizing Polarized Delivery of Exosomes at Synapses. Traffic, 2015, 16, 327-337.	1.3	64
21	MS/MSâ€based strategies for proteomic profiling of invasive cell structures. Proteomics, 2015, 15, 272-286.	1.3	18
22	High expression of RAB27A and TP53 in pancreatic cancer predicts poor survival. Medical Oncology, 2015, 32, 372.	1.2	61
23	The Ether Lipid Precursor Hexadecylglycerol Stimulates the Release and Changes the Composition of Exosomes Derived from PC-3 Cells. Journal of Biological Chemistry, 2015, 290, 4225-4237.	1.6	102
24	Networking and anchoring through plectin: a key to IF functionality and mechanotransduction. Current Opinion in Cell Biology, 2015, 32, 21-29.	2.6	89
25	Exosome mediated communication within the tumor microenvironment. Journal of Controlled Release, 2015, 219, 278-294.	4.8	576
26	Activating PIK3CA Mutations Induce an Epidermal Growth Factor Receptor (EGFR)/Extracellular Signal-regulated Kinase (ERK) Paracrine Signaling Axis in Basal-like Breast Cancer*. Molecular and Cellular Proteomics, 2015, 14, 1959-1976.	2.5	44
27	RABGTPases in MT1-MMP trafficking and cell invasion: Physiology versus pathology. Small GTPases, 2015, 6, 145-152.	0.7	22
28	Directional cell movement through tissues is controlled by exosome secretion. Nature Communications, 2015, 6, 7164.	5.8	457
29	Cell Membrane Fluid–Mosaic Structure and Cancer Metastasis. Cancer Research, 2015, 75, 1169-1176.	0.4	62
30	Mesenchymal Stem Cell-derived Extracellular Vesicles: Toward Cell-free Therapeutic Applications. Molecular Therapy, 2015, 23, 812-823.	3.7	877
31	Mechanisms of Invasion in Head and Neck Cancer. Archives of Pathology and Laboratory Medicine, 2015, 139, 1334-1348.	1.2	56
32	ARF6–JIP3/4 regulate endosomal tubules for MT1-MMP exocytosis in cancer invasion. Journal of Cell Biology, 2015, 211, 339-358.	2.3	126
33	RAL-1 controls multivesicular body biogenesis and exosome secretion. Journal of Cell Biology, 2015, 211, 27-37.	2.3	193
34	Formation and role of exosomes in cancer. Cellular and Molecular Life Sciences, 2015, 72, 659-671.	2.4	203
35	Podoplanin is a component of extracellular vesicles that reprograms cell-derived exosomal proteins and modulates lymphatic vessel formation. Oncotarget, 2016, 7, 16070-16089.	0.8	67
36	Impact of Hyperglycemia and Low Oxygen Tension on Adipose-Derived Stem Cells Compared with Dermal Fibroblasts and Keratinocytes: Importance for Wound Healing in Type 2 Diabetes. PLoS ONE, 2016, 11, e0168058.	1.1	26

#	Article	IF	Citations
37	The biology and function of exosomes in cancer. Journal of Clinical Investigation, 2016, 126, 1208-1215.	3.9	1,366
38	Correlation Between RAB27B and p53 Expression and Overall Survival in Pancreatic Cancer. Pancreas, 2016, 45, 204-210.	0.5	35
39	Exosome Derived From Human Umbilical Cord Mesenchymal Stem Cell Mediates MiR-181c Attenuating Burn-induced Excessive Inflammation. EBioMedicine, 2016, 8, 72-82.	2.7	327
40	Oncogenic BRAF-Mediated Melanoma Cell Invasion. Cell Reports, 2016, 15, 2012-2024.	2.9	46
41	Progress and potential of exosome analysis for early pancreatic cancer detection. Expert Review of Molecular Diagnostics, 2016, 16, 757-767.	1.5	21
42	Exosome-Mediated Metastasis: From Epithelial–Mesenchymal Transition to Escape from Immunosurveillance. Trends in Pharmacological Sciences, 2016, 37, 606-617.	4.0	393
43	Cell adhesion and invasion mechanisms that guide developing axons. Current Opinion in Neurobiology, 2016, 39, 77-85.	2.0	36
44	Extracellular Vesicles in the Intrauterine Environment: Challenges and Potential Functions. Biology of Reproduction, 2016, 95, 109-109.	1.2	65
45	Cellular and Molecular Mechanisms of MT1-MMP-Dependent Cancer Cell Invasion. Annual Review of Cell and Developmental Biology, 2016, 32, 555-576.	4.0	188
46	Exosomal MicroRNAs Derived From Umbilical Mesenchymal Stem Cells Inhibit Hepatitis C Virus Infection. Stem Cells Translational Medicine, 2016, 5, 1190-1203.	1.6	126
47	Portâ€ŧoâ€port delivery: Mobilization of toxic sphingolipids via extracellular vesicles. Journal of Neuroscience Research, 2016, 94, 1333-1340.	1.3	24
48	Cortactin promotes exosome secretion by controlling branched actin dynamics. Journal of Cell Biology, 2016, 214, 197-213.	2.3	226
49	Cancer-derived extracellular vesicles: the â€~soil conditioner' in breast cancer metastasis?. Cancer and Metastasis Reviews, 2016, 35, 669-676.	2.7	48
50	Extracellular matrix endocytosis in controlling matrix turnover and beyond: emerging roles in cancer. Biochemical Society Transactions, 2016, 44, 1347-1354.	1.6	28
51	RAB2A controls MT1â€MMP endocytic and Eâ€cadherin polarized Golgi trafficking to promote invasive breast cancer programs. EMBO Reports, 2016, 17, 1061-1080.	2.0	72
52	Studying extracellular vesicle transfer by a Cre-loxP method. Nature Protocols, 2016, 11, 87-101.	5.5	78
53	Regulation of invadopodia by mechanical signaling. Experimental Cell Research, 2016, 343, 89-95.	1.2	61
54	Matrix rigidity differentially regulates invadopodia activity through ROCK1 and ROCK2. Biomaterials, 2016, 84, 119-129.	5.7	50

#	Article	IF	Citations
55	Exosomal microRNA Biomarkers: Emerging Frontiers in Colorectal and Other Human Cancers. Expert Review of Molecular Diagnostics, 2016, 16, 553-567.	1.5	64
56	Exosomes as therapeutic drug carriers and delivery vehicles across biological membranes: current perspectives and future challenges. Acta Pharmaceutica Sinica B, 2016, 6, 287-296.	5.7	949
57	Communication by Extracellular Vesicles: Where We Are and Where We Need to Go. Cell, 2016, 164, 1226-1232.	13.5	2,534
58	Exosomes in Cancer Disease. Methods in Molecular Biology, 2016, 1381, 111-149.	0.4	45
59	Systematic review of factors influencing extracellular vesicle yield from cell cultures. Cytotechnology, 2016, 68, 579-592.	0.7	89
60	Pathogenesis of pancreatic cancer exosome-induced lipolysis in adipose tissue. Gut, 2016, 65, 1165-1174.	6.1	173
61	Exosome secretion promotes chemotaxis of cancer cells. Cell Adhesion and Migration, 2017, 11, 187-195.	1.1	96
62	Going live with tumor exosomes and microvesicles. Cell Adhesion and Migration, 2017, 11, 173-186.	1.1	31
63	Extracellular vesicle communication pathways as regulatory targets of oncogenic transformation. Seminars in Cell and Developmental Biology, 2017, 67, 11-22.	2.3	105
64	Polarized Exocytosis. Cold Spring Harbor Perspectives in Biology, 2017, 9, a027870.	2.3	34
65	Enrichment of selective miRNAs in exosomes and delivery of exosomal miRNAs in vitro and in vivo. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L110-L121.	1.3	219
67	Exosomes: Therapy delivery tools and biomarkers of diseases. , 2017, 174, 63-78.		761
68	Tumor Cell Invadopodia: Invasive Protrusions that Orchestrate Metastasis. Trends in Cell Biology, 2017, 27, 595-607.	3.6	292
69	Recent advances in understanding the role of miRNAs in exosomes and their therapeutic potential. Journal of Integrative Agriculture, 2017, 16, 753-761.	1.7	6
70	Roles of exosomes in the normal and diseased eye. Progress in Retinal and Eye Research, 2017, 59, 158-177.	7.3	126
71	The HDAC6 Inhibitor Tubacin Induces Release of CD133 ⁺ Extracellular Vesicles From Cancer Cells. Journal of Cellular Biochemistry, 2017, 118, 4414-4424.	1.2	26
72	Exosomes as Reconfigurable Therapeutic Systems. Trends in Molecular Medicine, 2017, 23, 636-650.	3.5	175
73	Metalloproteinases in extracellular vesicles. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1989-2000.	1.9	114

#	Article	IF	Citations
74	Extracellular Vesicles: Unique Intercellular Delivery Vehicles. Trends in Cell Biology, 2017, 27, 172-188.	3.6	1,087
75	Survival Motor Neuron Protein is Released from Cells in Exosomes: A Potential Biomarker for Spinal Muscular Atrophy. Scientific Reports, 2017, 7, 13859.	1.6	13
76	The characterization of exosomes from biological fluids of patients with different types of cancer. AIP Conference Proceedings, $2017, \ldots$	0.3	5
77	KIF5B-RET Oncoprotein Signals through a Multi-kinase Signaling Hub. Cell Reports, 2017, 20, 2368-2383.	2.9	41
78	Exosomes Mediate Epithelium–Mesenchyme Crosstalk in Organ Development. ACS Nano, 2017, 11, 7736-7746.	7.3	100
79	The Biology of Cancer Exosomes: Insights and New Perspectives. Cancer Research, 2017, 77, 6480-6488.	0.4	428
80	Exosomes: New players in cancer. Oncology Reports, 2017, 38, 665-675.	1.2	122
81	The emergent role of exosomes in glioma. Journal of Clinical Neuroscience, 2017, 35, 13-23.	0.8	115
82	Exosomes: mobile platforms for targeted and synergistic signaling across cell boundaries. Cellular and Molecular Life Sciences, 2017, 74, 1567-1576.	2.4	55
83	Comprehensive proteome profiling of glioblastoma-derived extracellular vesicles identifies markers for more aggressive disease. Journal of Neuro-Oncology, 2017, 131, 233-244.	1.4	88
84	Exosomes: From Garbage Bins to Promising Therapeutic Targets. International Journal of Molecular Sciences, 2017, 18, 538.	1.8	371
85	Myosin isoform expressed in metastatic prostate cancer stimulates cell invasion. Scientific Reports, 2017, 7, 8476.	1.6	13
86	Extracellular Vesicleâ€Associated RNA as a Carrier of Epigenetic Information. Genes, 2017, 8, 240.	1.0	45
87	Extracellular Vesicles From Mesenchymal Stem Cells and Their Potential in Tumor Therapy. , 2017, , 521-549.		0
88	IDH 2 is a novel diagnostic and prognostic serum biomarker for nonâ€smallâ€cell lung cancer. Molecular Oncology, 2018, 12, 602-610.	2.1	16
89	Biogenesis and function of extracellular vesicles in cancer. , 2018, 188, 1-11.		549
90	The biology of extracellular microvesicles. Traffic, 2018, 19, 319-327.	1.3	160
91	Hypoxia-induced exosome secretion promotes survival of African-American and Caucasian prostate cancer cells. Scientific Reports, 2018, 8, 3853.	1.6	84

#	Article	IF	Citations
92	Role of exosomes as a proinflammatory mediator in the development of EBV-associated lymphoma. Blood, 2018, 131, 2552-2567.	0.6	76
93	Fluorescent label-free quantitative detection of nano-sized bioparticles using a pillar array. Nature Communications, 2018, 9, 1254.	5 . 8	41
94	Matrix architecture plays a pivotal role in 3D osteoblast migration: The effect of interstitial fluid flow. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 83, 52-62.	1.5	20
95	Subpopulations of extracellular vesicles and their therapeutic potential. Molecular Aspects of Medicine, 2018, 60, 1-14.	2.7	139
96	Quantifying exosome secretion from single cells reveals a modulatory role for GPCR signaling. Journal of Cell Biology, 2018, 217, 1129-1142.	2.3	227
97	Extracellular Vesicles in Cancer. Cancer Journal (Sudbury, Mass), 2018, 24, 65-69.	1.0	22
98	Nanobodies targeting cortactin proline rich, helical and actin binding regions downregulate invadopodium formation and matrix degradation in SCC-61 cancer cells. Biomedicine and Pharmacotherapy, 2018, 102, 230-241.	2.5	12
99	Exosomes and their Application in Biomedical Field: Difficulties and Advantages. Molecular Neurobiology, 2018, 55, 3372-3393.	1.9	91
100	Harnessing membrane trafficking to promote cancer spreading and invasion: The case of RAB2A. Small GTPases, 2018, 9, 304-309.	0.7	11
101	New insights into the function of Rab GTPases in the context of exosomal secretion. Small GTPases, 2018, 9, 95-106.	0.7	228
102	Invadosomes are coming: new insights into function and disease relevance. FEBS Journal, 2018, 285, 8-27.	2.2	117
103	Current knowledge on exosome biogenesis and release. Cellular and Molecular Life Sciences, 2018, 75, 193-208.	2.4	1,689
104	The emerging role of exosome-derived non-coding RNAs in cancer biology. Cancer Letters, 2018, 414, 107-115.	3.2	195
105	Chemotherapy induces secretion of exosomes loaded with heparanase that degrades extracellular matrix and impacts tumor and host cell behavior. Matrix Biology, 2018, 65, 104-118.	1.5	172
106	The next step: mechanisms driving adrenocortical carcinoma metastasis. Endocrine-Related Cancer, 2018, 25, R31-R48.	1.6	13
107	Biogenesis and function of ESCRT-dependent extracellular vesicles. Seminars in Cell and Developmental Biology, 2018, 74, 66-77.	2.3	292
108	Exosomes in cancer: Use them or target them?. Seminars in Cell and Developmental Biology, 2018, 78, 13-21.	2.3	109
109	Exosomes in melanoma: a role in tumor progression, metastasis and impaired immune system activity. Oncotarget, 2018, 9, 20826-20837.	0.8	97

#	Article	IF	Citations
110	Exosomesâ€"the enigmatic regulators of bone homeostasis. Bone Research, 2018, 6, 36.	5.4	77
111	Probing the mechanisms of extracellular vesicle biogenesis and function in cancer. Biochemical Society Transactions, 2018, 46, 1137-1146.	1.6	28
112	The Ambiguous Roles of Extracellular Vesicles in HIV Replication and Pathogenesis. Frontiers in Microbiology, 2018, 9, 2411.	1.5	38
113	Cortactin and fascin-1 regulate extracellular vesicle release by controlling endosomal trafficking or invadopodia formation and function. Scientific Reports, 2018, 8, 15606.	1.6	44
114	Understanding extracellular vesicle diversity – current status. Expert Review of Proteomics, 2018, 15, 887-910.	1.3	118
115	The roles of tumor-derived exosomes in non-small cell lung cancer and their clinical implications. Journal of Experimental and Clinical Cancer Research, 2018, 37, 226.	3.5	107
116	Extracellular histones are the ligands for the uptake of exosomes and hydroxyapatiteâ€nanoparticles by tumor cells via syndecanâ€4. FEBS Letters, 2018, 592, 3274-3285.	1.3	22
117	AXL Mediates Esophageal Adenocarcinoma Cell Invasion through Regulation of Extracellular Acidification and Lysosome Trafficking. Neoplasia, 2018, 20, 1008-1022.	2.3	22
118	Hsp90 Mediates Membrane Deformation and Exosome Release. Molecular Cell, 2018, 71, 689-702.e9.	4.5	103
119	Biological functions, regulatory mechanisms, and disease relevance of RNA localization pathways. FEBS Letters, 2018, 592, 2948-2972.	1.3	32
120	Expression of human papillomavirus oncoproteins E6 and E7 inhibits invadopodia activity but promotes cell migration in HPVâ€positive head and neck squamous cell carcinoma cells. Cancer Reports, 2018, 1, e1125.	0.6	1
121	Role of T cell-derived exosomes in immunoregulation. Immunologic Research, 2018, 66, 313-322.	1.3	53
122	Monoubiquitination of Cancer Stem Cell Marker CD133 at Lysine 848 Regulates Its Secretion and Promotes Cell Migration. Molecular and Cellular Biology, 2018, 38, .	1.1	16
123	Nanotechnology in Brain Tumor Targeting. , 2018, , 111-145.		3
124	A Ca2+-stimulated exosome release pathway in cancer cells is regulated by Munc13-4. Journal of Cell Biology, 2018, 217, 2877-2890.	2.3	159
125	To be or not to be secreted as exosomes, a balance finely tuned by the mechanisms of biogenesis. Essays in Biochemistry, 2018, 62, 177-191.	2.1	65
126	Lung epithelial cell-derived IL-25 negatively regulates LPS-induced exosome release from macrophages. Military Medical Research, 2018, 5, 24.	1.9	41
127	Coronin 1C promotes triple-negative breast cancer invasiveness through regulation of MT1-MMP traffic and invadopodia function. Oncogene, 2018, 37, 6425-6441.	2.6	36

#	Article	IF	Citations
128	Extracellular vesicles: important collaborators in cancer progression. Essays in Biochemistry, 2018, 62, 149-163.	2.1	55
129	Salivary Exosomes: Emerging Roles in Systemic Disease. International Journal of Biological Sciences, 2018, 14, 633-643.	2.6	130
130	The Impact of Oncogenic EGFRvIII on the Proteome of Extracellular Vesicles Released from Glioblastoma Cells. Molecular and Cellular Proteomics, 2018, 17, 1948-1964.	2.5	116
131	Modifying exosome release in cancer therapy: How can it help?. Pharmacological Research, 2018, 134, 246-256.	3.1	25
132	Exosomes in cancer development and clinical applications. Cancer Science, 2018, 109, 2364-2374.	1.7	271
133	Human mesenchymal stem cell-derived extracellular vesicles/estrogen combined therapy safely ameliorates experimentally induced intrauterine adhesions in a female rat model. Stem Cell Research and Therapy, 2018, 9, 175.	2.4	67
134	Secretion and fusion of biogeochemically active archaeal membrane vesicles. Geobiology, 2018, 16, 659-673.	1.1	5
135	From individual to collective 3D cancer dissemination: roles of collagen concentration and TGF- \hat{l}^2 . Scientific Reports, 2018, 8, 12723.	1.6	58
136	MT1-MMP targeting to endolysosomes is mediated by flotillin upregulation. Journal of Cell Science, 2018, 131, .	1.2	29
137	Liquid biopsy for early stage lung cancer. Journal of Thoracic Disease, 2018, 10, S876-S881.	0.6	33
138	Composition, Physicochemical and Biological Properties of Exosomes Secreted From Cancer Cells., 2018,, 27-57.		6
139	Cdk5â€mediated phosphorylation regulates phosphatidylinositol 4â€phosphate 5â€kinase type I γ 90 activity and cell invasion. FASEB Journal, 2019, 33, 631-642.	0.2	14
140	The association between autosomal dominant polycystic kidney disease and cancer. International Urology and Nephrology, 2019, 51, 93-100.	0.6	13
141	Adseverin modulates morphology and invasive function of MCF7 cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2716-2725.	1.8	3
142	Exosomes and Their Role in Cancer Progression. Yonago Acta Medica, 2019, 62, 182-190.	0.3	85
143	Roles of exosomes in metastatic colorectal cancer. American Journal of Physiology - Cell Physiology, 2019, 317, C869-C880.	2.1	28
144	CRN2 binds to TIMP4 and MMP14 and promotes perivascular invasion of glioblastoma cells. European Journal of Cell Biology, 2019, 98, 151046.	1.6	9
145	The clinical potential of circulating microRNAs in obesity. Nature Reviews Endocrinology, 2019, 15, 731-743.	4.3	175

#	Article	IF	CITATIONS
146	Extracellular Vesicles in Cancer Immune Microenvironment and Cancer Immunotherapy. Advanced Science, 2019, 6, 1901779.	5.6	179
147	Biological membranes in EV biogenesis, stability, uptake, and cargo transfer: an ISEV position paper arising from the ISEV membranes and EVs workshop. Journal of Extracellular Vesicles, 2019, 8, 1684862.	5.5	177
148	ASPH-notch Axis guided Exosomal delivery of Prometastatic Secretome renders breast Cancer multi-organ metastasis. Molecular Cancer, 2019, 18, 156.	7.9	55
149	Emerging Role of Genetic Alterations Affecting Exosome Biology in Neurodegenerative Diseases. International Journal of Molecular Sciences, 2019, 20, 4113.	1.8	39
150	Tâ€cell–derived extracellular vesicles regulate Bâ€cell IgG production <i>via</i> pyruvate kinase muscle isozyme 2. FASEB Journal, 2019, 33, 12780-12799.	0.2	14
151	Exosomes in Head and Neck Squamous Cell Carcinoma. Frontiers in Oncology, 2019, 9, 894.	1.3	42
152	Systematic review of targeted extracellular vesicles for drug delivery – Considerations on methodological and biological heterogeneity. Journal of Controlled Release, 2019, 306, 108-120.	4.8	95
153	The Role of Extracellular Vesicles as Modulators of the Tumor Microenvironment, Metastasis and Drug Resistance in Colorectal Cancer. Cancers, 2019, 11, 746.	1.7	42
154	Integrins: Moonlighting Proteins in Invadosome Formation. Cancers, 2019, 11, 615.	1.7	28
155	Production of a Functional Factor, p40, by Lactobacillus rhamnosus GG is Promoted by Intestinal Epithelial Cell-Secreted Extracellular Vesicles. Infection and Immunity, 2019, 87, .	1.0	18
156	A simple approach for rapid and cost-effective quantification of extracellular vesicles using a fluorescence polarization technique. Journal of Biological Engineering, 2019, 13, 31.	2.0	20
157	Integrin and PD-1 Ligand Expression on Circulating Extracellular Vesicles in Systemic Inflammatory Response Syndrome and Sepsis. Shock, 2019, 52, 13-22.	1.0	30
158	Phosphoinositide phosphatases in cancer cell dynamicsâ€"Beyond PI3K and PTEN. Seminars in Cancer Biology, 2019, 59, 50-65.	4.3	25
159	The lysosomal TRPML1 channel regulates triple negative breast cancer development by promoting mTORC1 and purinergic signaling pathways. Cell Calcium, 2019, 79, 80-88.	1.1	46
160	Non-canonical processes that shape the cell migration landscape. Current Opinion in Cell Biology, 2019, 57, 123-134.	2.6	12
161	Subtypes of tumour cellâ€derived small extracellular vesicles having differently externalized phosphatidylserine. Journal of Extracellular Vesicles, 2019, 8, 1579541.	5.5	73
162	MicroRNA Shuttle from Cell-To-Cell by Exosomes and Its Impact in Cancer. Non-coding RNA, 2019, 5, 28.	1.3	77
163	Mechanisms associated with biogenesis of exosomes in cancer. Molecular Cancer, 2019, 18, 52.	7.9	251

#	Article	IF	CITATIONS
164	Extracellular vesicles-mediated intercellular communication: roles in the tumor microenvironment and anti-cancer drug resistance. Molecular Cancer, 2019, 18, 55.	7.9	304
165	The P4-ATPase ATP9A is a novel determinant of exosome release. PLoS ONE, 2019, 14, e0213069.	1.1	31
166	Podoplanin in Inflammation and Cancer. International Journal of Molecular Sciences, 2019, 20, 707.	1.8	146
167	Pioneer axons employ Cajal's battering ram to enter the spinal cord. Nature Communications, 2019, 10, 562.	5.8	25
168	The Relationship between Exosomes and Cancer: Implications for Diagnostics and Therapeutics. BioDrugs, 2019, 33, 137-158.	2.2	18
169	Functional proteins of mesenchymal stem cell-derived extracellular vesicles. Stem Cell Research and Therapy, 2019, 10, 359.	2.4	122
170	<p>The Exosome And Breast Cancer Cell Plasticity</p> . OncoTargets and Therapy, 2019, Volume 12, 9817-9825.	1.0	10
171	Exosomes as a storehouse of tissue remodeling proteases and mediators of cancer progression. Cancer and Metastasis Reviews, 2019, 38, 455-468.	2.7	22
172	Cancer-Derived Extracellular Vesicle-Associated MicroRNAs in Intercellular Communication: One Cell's Trash Is Another Cell's Treasure. International Journal of Molecular Sciences, 2019, 20, 6109.	1.8	47
173	Oncogenic Regulation of Extracellular Vesicle Proteome and Heterogeneity. Proteomics, 2019, 19, e1800169.	1.3	27
174	RAB27A promotes melanoma cell invasion and metastasis <i>via</i> regulation of proâ€invasive exosomes. International Journal of Cancer, 2019, 144, 3070-3085.	2.3	72
175	Coordinated Regulation of Intracellular Fascin Distribution Governs Tumor Microvesicle Release and Invasive Cell Capacity. Molecular and Cellular Biology, 2019, 39, .	1.1	24
176	Role of tumor-derived exosomes in cancer metastasis. Biochimica Et Biophysica Acta: Reviews on Cancer, 2019, 1871, 12-19.	3.3	82
177	Extracellular vesicle-associated MMPs: A modulator of the tissue microenvironment. Advances in Clinical Chemistry, 2019, 88, 35-66.	1.8	31
178	The potential diagnostic and prognostic role of extracellular vesicles in glioma: current status and future perspectives. Acta Oncol \tilde{A}^3 gica, 2019, 58, 353-362.	0.8	11
179	The role of extracellular vesicles in cancer microenvironment and metastasis: myths and challenges. Biochemical Society Transactions, 2019, 47, 273-280.	1.6	21
180	Proteases and glycosidases on the surface of exosomes: Newly discovered mechanisms for extracellular remodeling. Matrix Biology, 2019, 75-76, 160-169.	1.5	123
181	Exosomal biomarkers in oral diseases. Oral Diseases, 2019, 25, 10-15.	1.5	14

#	ARTICLE	IF	Citations
182	A family affair: A Ral-exocyst-centered network links Ras, Rac, Rho signaling to control cell migration. Small GTPases, 2019, 10, 323-330.	0.7	24
183	Application of high-sensitivity flow cytometry in combination with low-voltage scanning electron microscopy for characterization of nanosized objects during platelet concentrate storage. Platelets, 2020, 31, 226-235.	1.1	11
184	The role of the oncogenic Rab35 in cancer invasion, metastasis, and immune evasion, especially in leukemia. Small GTPases, 2020, 11, 334-345.	0.7	20
185	Exosome DNA: Critical regulator of tumor immunity and a diagnostic biomarker. Journal of Cellular Physiology, 2020, 235, 1921-1932.	2.0	77
186	Exosome basic mechanisms. , 2020, , 1-21.		6
187	Exosomes in retinal diseases. , 2020, , 415-431.		1
188	Biological characteristics of exosomes and genetically engineered exosomes for the targeted delivery of therapeutic agents. Journal of Drug Targeting, 2020, 28, 129-141.	2.1	52
189	Semen exosomes inhibit HIV infection and HIVâ€induced proinflammatory cytokine production independent of the activation state of primary lymphocytes. FEBS Letters, 2020, 594, 695-709.	1.3	11
190	Extracellular Vesicles and Metastasis. Cold Spring Harbor Perspectives in Medicine, 2020, 10, a037275.	2.9	31
191	Extracellular vesicles and their role in glioblastoma. Critical Reviews in Clinical Laboratory Sciences, 2020, 57, 227-252.	2.7	30
192	Real-time imaging of multivesicular body–plasma membrane fusion to quantify exosome release from single cells. Nature Protocols, 2020, 15, 102-121.	5.5	84
193	Actin and Actin-Associated Proteins in Extracellular Vesicles Shed by Osteoclasts. International Journal of Molecular Sciences, 2020, 21, 158.	1.8	32
194	Role of extracellular vesicles in tumour microenvironment. Cell Communication and Signaling, 2020, 18, 163.	2.7	43
195	The Biological Function and Therapeutic Potential of Exosomes in Cancer: Exosomes as Efficient Nanocommunicators for Cancer Therapy. International Journal of Molecular Sciences, 2020, 21, 7363.	1.8	17
196	Membrane type 1 matrix metalloproteinase regulates anaplastic thyroid carcinoma cell growth and invasion into the collagen matrix. Biochemical and Biophysical Research Communications, 2020, 529, 1195-1200.	1.0	4
197	Concepts of extracellular matrix remodelling in tumour progression and metastasis. Nature Communications, 2020, 11, 5120.	5.8	1,004
198	Inhibition of $\hat{l}\pm\nu\hat{l}^23$ integrin impairs adhesion and uptake of tumor-derived small extracellular vesicles. Cell Communication and Signaling, 2020, 18, 158.	2.7	38
199	Coronin 1C inhibits melanoma metastasis through regulation of MT1-MMP-containing extracellular vesicle secretion. Scientific Reports, 2020, 10, 11958.	1.6	12

#	Article	IF	CITATIONS
200	Emerging Function and Clinical Significance of Exosomal circRNAs in Cancer. Molecular Therapy - Nucleic Acids, 2020, 21, 367-383.	2.3	58
201	Dexosomes as a cell-free vaccine for cancer immunotherapy. Journal of Experimental and Clinical Cancer Research, 2020, 39, 258.	3.5	79
202	Focus on the morphogenesis, fate and the role in tumor progression of multivesicular bodies. Cell Communication and Signaling, 2020, 18, 122.	2.7	22
203	Crosstalk between invadopodia and the extracellular matrix. European Journal of Cell Biology, 2020, 99, 151122.	1.6	11
204	Breaking Bad: Extracellular Vesicles Provoke Tumorigenic Responses Under Oxygen Deprivation. Developmental Cell, 2020, 55, 111-113.	3.1	2
205	Cancer Extracellular Vesicles: Next-Generation Diagnostic and Drug Delivery Nanotools. Cancers, 2020, 12, 3165.	1.7	18
206	Live tracking of extracellular vesicles in larval zebrafish. Methods in Enzymology, 2020, 645, 243-275.	0.4	5
207	The Involvement of Exosomes in Glioblastoma Development, Diagnosis, Prognosis, and Treatment. Brain Sciences, 2020, 10, 553.	1.1	42
208	Advances in Understanding TKS4 and TKS5: Molecular Scaffolds Regulating Cellular Processes from Podosome and Invadopodium Formation to Differentiation and Tissue Homeostasis. International Journal of Molecular Sciences, 2020, 21, 8117.	1.8	15
209	Tumor Cellular and Microenvironmental Cues Controlling Invadopodia Formation. Frontiers in Cell and Developmental Biology, 2020, 8, 584181.	1.8	35
210	Intracellular Transport in Cancer Metabolic Reprogramming. Frontiers in Cell and Developmental Biology, 2020, 8, 597608.	1.8	23
211	Exosomal microRNAs-mediated intercellular communication and exosome-based cancer treatment. International Journal of Biological Macromolecules, 2020, 158, 530-541.	3.6	25
212	RNA delivery by extracellular vesicles in mammalian cells and its applications. Nature Reviews Molecular Cell Biology, 2020, 21, 585-606.	16.1	1,010
213	Extracellular Vesicles in the Tumor Microenvironment: Various Implications in Tumor Progression. Advances in Experimental Medicine and Biology, 2020, 1259, 155-170.	0.8	11
214	Extracellular Vesicles: A Therapeutic Option for Liver Fibrosis. International Journal of Molecular Sciences, 2020, 21, 4255.	1.8	34
215	Tumor-derived exosomes: the next generation of promising cell-free vaccines in cancer immunotherapy. Oncolmmunology, 2020, 9, 1779991.	2.1	80
216	Proteomic Profiling of Retinoblastoma-Derived Exosomes Reveals Potential Biomarkers of Vitreous Seeding. Cancers, 2020, 12, 1555.	1.7	33
217	Molecular and functional extracellular vesicle analysis using nanopatterned microchips monitors tumor progression and metastasis. Science Translational Medicine, 2020, 12, .	5.8	79

#	ARTICLE	IF	CITATIONS
218	The Roles of Exosomes in Visual and Auditory Systems. Frontiers in Bioengineering and Biotechnology, 2020, 8, 525.	2.0	18
219	Potential Roles of Exosomes in Parkinson's Disease: From Pathogenesis, Diagnosis, and Treatment to Prognosis. Frontiers in Cell and Developmental Biology, 2020, 8, 86.	1.8	84
220	Prometastatic secretome trafficking via exosomes initiates pancreatic cancer pulmonary metastasis. Cancer Letters, 2020, 481, 63-75.	3.2	25
221	Preventing metastasis with pH regulation. , 2020, , 489-508.		O
223	Small but significant: Insights and new perspectives of exosomes in cardiovascular disease. Journal of Cellular and Molecular Medicine, 2020, 24, 8291-8303.	1.6	29
224	Sensory regulated Wnt production from neurons helps make organ development robust to environmental changes in C. elegans. Development (Cambridge), 2020, 147, .	1.2	0
225	Regulation of MT1-MMP Activity through Its Association with ERMs. Cells, 2020, 9, 348.	1.8	10
226	Hepatocellular carcinoma-derived exosomes in organotropic metastasis, recurrence and early diagnosis application. Cancer Letters, 2020, 477, 41-48.	3.2	46
227	Fibroblast Growth Factor 2â€Mediated Regulation of Neuronal Exosome Release Depends on VAMP3/Cellubrevin in Hippocampal Neurons. Advanced Science, 2020, 7, 1902372.	5.6	33
228	Free and hydrogel encapsulated exosome-based therapies in regenerative medicine. Life Sciences, 2020, 249, 117447.	2.0	106
229	Inside(sight) of tiny communicator: exosome biogenesis, secretion, and uptake. Molecular and Cellular Biochemistry, 2020, 467, 77-94.	1.4	146
230	Inclusion Biogenesis, Methods of Isolation and Clinical Application of Human Cellular Exosomes. Journal of Clinical Medicine, 2020, 9, 436.	1.0	115
231	Communication in tiny packages: Exosomes as means of tumor-stroma communication. Biochimica Et Biophysica Acta: Reviews on Cancer, 2020, 1873, 188340.	3.3	51
232	Exosomes Derived from Adipose Mesenchymal Stem Cells Restore Functional Endometrium in a Rat Model of Intrauterine Adhesions. Reproductive Sciences, 2020, 27, 1266-1275.	1.1	55
233	Migration, invasion, invadopodia, and the inversion of the pH gradient., 2020, , 243-269.		0
234	A live cell reporter of exosome secretion and uptake reveals pathfinding behavior of migrating cells. Nature Communications, 2020, 11 , 2092.	5.8	162
235	Mechanismâ€based treatment of cancer with immune checkpoint inhibitor therapies. British Journal of Clinical Pharmacology, 2020, 86, 1690-1702.	1.1	26
236	The novel target:exosoms derived from M2 macrophage. International Reviews of Immunology, 2021, 40, 183-196.	1.5	9

#	Article	IF	CITATIONS
237	Shedding Light on Extracellular Vesicle Biogenesis and Bioengineering. Advanced Science, 2021, 8, 2003505.	5.6	192
238	<i>RAB5A</i> is associated with genes involved in exosome secretion: Integration of bioinformatics analysis and experimental validation. Journal of Cellular Biochemistry, 2021, 122, 425-441.	1.2	22
239	Role of Exosomes in Biological Communication Systems. , 2021, , .		10
240	Polarized cells display asymmetric release of extracellular vesicles. Traffic, 2021, 22, 98-110.	1.3	12
241	The forces driving cancer extracellular vesicle secretion. Neoplasia, 2021, 23, 149-157.	2.3	43
242	Inhibition of extracellular vesicle pathway using neutral sphingomyelinase inhibitors as a neuroprotective treatment for brain injury. Neural Regeneration Research, 2021, 16, 2349.	1.6	8
243	Cytoskeleton Intermediate Filament Linker Proteins: Plectin and BPAG1., 2021,, 200-219.		0
244	Exosome-mediated bioinspired drug delivery. , 2021, , 219-240.		O
245	Significance of trogocytosis and exosome-mediated transport in establishing and maintaining the tumor microenvironment in lymphoid malignancies. Journal of Clinical and Experimental Hematopathology: JCEH, 2021, 61, 192-201.	0.3	4
246	Overcoming therapeutic resistance in glioblastoma: Moving beyond the sole targeting of the glioma cells., 2021,, 91-118.		O
247	Extracellular Vesicles in Colorectal Cancer Progression, Metastasis, Diagnosis, and Therapy. , 2021, , 401-420.		0
248	Progress on pivotal role and application of exosome in lung cancer carcinogenesis, diagnosis, therapy and prognosis. Molecular Cancer, 2021, 20, 22.	7.9	103
249	Integrin-Linked Kinase Links Integrin Activation to Invadopodia Function and Invasion via the p(T567)-Ezrin/NHERF1/NHE1 Pathway. International Journal of Molecular Sciences, 2021, 22, 2162.	1.8	7
250	Extracellular Vesicles and Exosomes: Insights From Exercise Science. Frontiers in Physiology, 2020, 11, 604274.	1.3	86
251	Exosomes and Cell Communication: From Tumour-Derived Exosomes and Their Role in Tumour Progression to the Use of Exosomal Cargo for Cancer Treatment. Cancers, 2021, 13, 822.	1.7	40
252	The influence of the R47H triggering receptor expressed on myeloid cells 2 variant on microglial exosome profiles. Brain Communications, 2021, 3, fcab009.	1.5	7
253	Rab22a-NeoF1 fusion protein promotes osteosarcoma lung metastasis through its secretion into exosomes. Signal Transduction and Targeted Therapy, 2021, 6, 59.	7.1	45
254	A Comprehensive Review on Factors Influences Biogenesis, Functions, Therapeutic and Clinical Implications of Exosomes. International Journal of Nanomedicine, 2021, Volume 16, 1281-1312.	3.3	141

#	Article	IF	CITATIONS
255	Neural versus alternative integrative systems: molecular insights into origins of neurotransmitters. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20190762.	1.8	61
256	Exosomes and cancer: from molecular mechanisms to clinical applications. Medical Oncology, 2021, 38, 45.	1.2	48
257	Invadopodia: A potential target for pancreatic cancer therapy. Critical Reviews in Oncology/Hematology, 2021, 159, 103236.	2.0	14
259	Extracellular Vesicles: An Emerging Mechanism Governing the Secretion and Biological Roles of Tenascin-C. Frontiers in Immunology, 2021, 12, 671485.	2.2	18
260	Insights Into Extracellular Vesicle/Exosome and miRNA Mediated Bi-Directional Communication During Porcine Pregnancy. Frontiers in Veterinary Science, 2021, 8, 654064.	0.9	12
261	The role and potential application of extracellular vesicles in liver cancer. Science China Life Sciences, 2021, 64, 1281-1294.	2.3	10
262	Distinct mRNAs in Cancer Extracellular Vesicles Activate Angiogenesis and Alter Transcriptome of Vascular Endothelial Cells. Cancers, 2021, 13, 2009.	1.7	5
263	Exosome: The Regulator of the Immune System in Sepsis. Frontiers in Pharmacology, 2021, 12, 671164.	1.6	31
265	The exosome journey: from biogenesis to uptake and intracellular signalling. Cell Communication and Signaling, 2021, 19, 47.	2.7	606
266	Inhibiting FAK–Paxillin Interaction Reduces Migration and Invadopodia-Mediated Matrix Degradation in Metastatic Melanoma Cells. Cancers, 2021, 13, 1871.	1.7	19
267	Correlative light and electron microscopy suggests that mutant huntingtin dysregulates the endolysosomal pathway in presymptomatic Huntingtonâ \in ^M s disease. Acta Neuropathologica Communications, 2021, 9, 70.	2.4	7
268	Rab40–Cullin5 complex regulates EPLIN and actin cytoskeleton dynamics during cell migration. Journal of Cell Biology, 2021, 220, .	2.3	12
269	New therapeutic approaches of mesenchymal stem cells-derived exosomes. Journal of Biomedical Science, 2021, 28, 39.	2.6	56
270	MAGEA4 Coated Extracellular Vesicles Are Stable and Can Be Assembled In Vitro. International Journal of Molecular Sciences, 2021, 22, 5208.	1.8	3
271	Potential Use of Exosomes as Diagnostic Biomarkers and in Targeted Drug Delivery: Progress in Clinical and Preclinical Applications. ACS Biomaterials Science and Engineering, 2021, 7, 2106-2149.	2.6	95
272	Roles of exosomes in cancer chemotherapy resistance, progression, metastasis and immunity, and their clinical applications (Review). International Journal of Oncology, 2021, 59, .	1.4	20
273	Biogenesis, Membrane Trafficking, Functions, and Next Generation Nanotherapeutics Medicine of Extracellular Vesicles. International Journal of Nanomedicine, 2021, Volume 16, 3357-3383.	3.3	54
274	Cell-Secreted Vesicles: Novel Opportunities in Cancer Diagnosis, Monitoring and Treatment. Diagnostics, 2021, 11, 1118.	1.3	5

#	Article	IF	CITATIONS
275	Exosomal miR-2276-5p in Plasma Is a Potential Diagnostic and Prognostic Biomarker in Glioma. Frontiers in Cell and Developmental Biology, 2021, 9, 671202.	1.8	27
276	Rab GTPases: Central Coordinators of Membrane Trafficking in Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 648384.	1.8	42
277	LINC00511 drives invasive behavior in hepatocellular carcinoma by regulating exosome secretion and invadopodia formation. Journal of Experimental and Clinical Cancer Research, 2021, 40, 183.	3.5	31
278	Improved Small Extracellular Vesicle Secretion of Rat Adiposeâ€Derived Stem Cells by Microgrooved Substrates through Upregulation of the ESCRTâ€IIIâ€Associated ProteinÂAlix. Advanced Healthcare Materials, 2021, 10, e2100492.	3.9	12
279	The emerging role of exosomes in Alzheimer's disease. Ageing Research Reviews, 2021, 68, 101321.	5.0	68
280	Invadopodia Structure in 3D Environment Resolved by Near-Infrared Branding Protocol Combining Correlative Confocal and FIB-SEM Microscopy. International Journal of Molecular Sciences, 2021, 22, 7805.	1.8	5
281	Cascade Toehold-Mediated Strand Displacement Reaction for Ultrasensitive Detection of Exosomal MicroRNA. CCS Chemistry, 2021, 3, 2331-2339.	4.6	20
282	Extracellular vesicles: Critical players during cell migration. Developmental Cell, 2021, 56, 1861-1874.	3.1	62
283	Consequences of Extracellular Matrix Remodeling in Headway and Metastasis of Cancer along with Novel Immunotherapies: A Great Promise for Future Endeavor. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 1257-1271.	0.9	5
284	Exosomal delivery of therapeutic modulators through the blood–brain barrier; promise and pitfalls. Cell and Bioscience, 2021, 11, 142.	2.1	70
285	Nanoplasmonic Sensor Approaches for Sensitive Detection of Disease-Associated Exosomes. ACS Applied Bio Materials, 2021, 4, 6589-6603.	2.3	5
286	Tumor extracellular vesicles drive metastasis (it's a long way from home). FASEB BioAdvances, 2021, 3, 930-943.	1.3	19
287	Plectin-Mediated Intermediate Filament Functions: Why Isoforms Matter. Cells, 2021, 10, 2154.	1.8	17
288	Enhanced Nerve Regeneration by Exosomes Secreted by Adipose-Derived Stem Cells with or without FK506 Stimulation. International Journal of Molecular Sciences, 2021, 22, 8545.	1.8	16
289	Circulating extracellular vesicles of steroid sensitive nephrotic syndrome patients have higher RAC1 and induce recapitulation of nephrotic syndrome phenotype in podocytes. American Journal of Physiology - Renal Physiology, 2021, 321, F659-F673.	1.3	4
290	Plasma Membrane Receptors Involved in the Binding and Response of Osteoclasts to Noncellular Components of the Bone. International Journal of Molecular Sciences, 2021, 22, 10097.	1.8	4
291	The biology, function, and applications of exosomes in cancer. Acta Pharmaceutica Sinica B, 2021, 11, 2783-2797.	5.7	209
292	TC10 regulates breast cancer invasion and metastasis by controlling membrane type-1 matrix metalloproteinase at invadopodia. Communications Biology, 2021, 4, 1091.	2.0	5

#	ARTICLE	IF	CITATIONS
293	PLP2 drives collective cell migration via ZO-1-mediated cytoskeletal remodeling at the leading edge in human colorectal cancer cells. Journal of Cell Science, 2021, 134, .	1.2	6
294	CD151 enrichment in exosomes of luminal androgen receptor breast cancer cell line contributes to cell invasion. Biochimie, 2021, 189, 65-75.	1.3	4
295	Exosomes in the Tumor Microenvironment: From Biology to Clinical Applications. Cells, 2021, 10, 2617.	1.8	33
296	Extracellular vesicles, tumor growth, and the metastatic process. , 2022, , 275-284.		0
297	Effect of Stem Cell-Derived Extracellular Vesicles on Damaged Human Corneal Endothelial Cells. Stem Cells International, 2021, 2021, 1-12.	1.2	17
298	Characterization and Fine Structure of Exosomes. , 2021, , 27-75.		2
299	Protrudin-mediated ER–endosome contact sites promote MT1-MMP exocytosis and cell invasion. Journal of Cell Biology, 2020, 219, .	2.3	43
300	Cell–Cell Interaction Mechanisms in Acute Lung Injury. Shock, 2021, 55, 167-176.	1.0	18
302	Mechanism of Fibronectin Binding to Human Trabecular Meshwork Exosomes and Its Modulation by Dexamethasone. PLoS ONE, 2016, 11, e0165326.	1.1	41
303	DEVELOPMENT OF CANCER DIAGNOSTICS AND MONITORING METHODS BASED ON ANALYSIS OF TUMOR-DERIVED EXOSOMES. , 2015, 14, 9-18.	0.3	7
304	Circulating CD9+/GFAP+/survivin+ exosomes in malignant glioma patients following survivin vaccination. Oncotarget, 2017, 8, 114722-114735.	0.8	53
305	Characterization of increasing stages of invasiveness identifies stromal/cancer cell crosstalk in rat models of mesothelioma. Oncotarget, 2018, 9, 16311-16329.	0.8	9
306	The vesicular transfer of CLIC1 from glioblastoma to microvascular endothelial cells requires TRPM7. Oncotarget, 2018, 9, 33302-33311.	0.8	13
307	The Role of Tumor-Derived Vesicles in the Regulation of Antitumor Immunity. Acta Naturae, 2019, 11, 33-41.	1.7	18
308	Pancreatic cancer stem cell markers and exosomes - the incentive push. World Journal of Gastroenterology, 2016, 22, 5971.	1.4	71
309	Therapeutic Potential of Anti-HIV RNA-loaded Exosomes. Biomedical and Environmental Sciences, 2018, 31, 215-226.	0.2	8
310	Genome-wide interrogation of extracellular vesicle biology using barcoded miRNAs. ELife, 2018, 7, .	2.8	27
311	The Emerging Role of Exosomes as Cancer Theranostics. Nanotechnology in the Life Sciences, 2021, , 297-315.	0.4	1

#	Article	IF	Citations
312	Crosstalk between autophagy inhibitors and endosome-related secretory pathways: a challenge for autophagy-based treatment of solid cancers. Molecular Cancer, 2021, 20, 140.	7.9	36
313	Impact of native and external factors on exosome release: understanding reactive exosome secretion and its biogenesis. Molecular Biology Reports, 2021, 48, 7559-7573.	1.0	9
314	DAL-1/4.1B promotes the uptake of exosomes in lung cancer cells via Heparan Sulfate Proteoglycan 2 (HSPG2). Molecular and Cellular Biochemistry, 2022, 477, 241-254.	1.4	3
315	ECM stiffness-tuned exosomes drive breast cancer motility through thrombospondin-1. Biomaterials, 2021, 279, 121185.	5.7	54
316	New Advances in Liquid Biopsy Technologies for Anaplastic Lymphoma Kinase (ALK)—Positive Cancer. Cancers, 2021, 13, 5149.	1.7	10
317	Advances in the analysis of single extracellular vesicles: A critical review. Sensors and Actuators Reports, 2021, 3, 100052.	2.3	28
318	Cancer cell invadopodia. , 2017, , 299-315.		0
319	Invadopodia formation: An important step in matrix stiffness-regulated tumor invasion and metastasis. World Chinese Journal of Digestology, 2019, 27, 589-597.	0.0	0
320	Optical Imaging of Exosomes for Cancer Diagnosis, Monitoring, and Prognosis., 2020, , 157-192.		2
321	Extracellular Vesicles and Their Roles in Cancer Progression. Methods in Molecular Biology, 2021, 2174, 143-170.	0.4	82
322	Small Extracellular Vesicles Propagate the Inflammatory Response After Trauma. Advanced Science, 2021, 8, e2102381.	5.6	12
323	A pH-Reversible Fluorescent Probe for <i>in Situ</i> Imaging of Extracellular Vesicles and Their Secretion from Living Cells. Nano Letters, 2021, 21, 9224-9232.	4.5	13
325	Exosomes: Insights from Retinoblastoma and Other Eye Cancers. International Journal of Molecular Sciences, 2020, 21, 7055.	1.8	21
327	The exosomes role in pathogenesis of cardiovascular diseases. Translational Medicine, 2020, 7, 17-28.	0.1	0
328	Extracellular Vesicles and Integrins: Partners in Cancer Progression. , 2021, , 293-310.		0
329	Exosomes in cancer therapy: a novel experimental strategy. American Journal of Cancer Research, 2018, 8, 2165-2175.	1.4	22
330	Targeting protumor factor chitinase-3-like-1 secreted by Rab37 vesicles for cancer immunotherapy. Theranostics, 2022, 12, 340-361.	4.6	15
331	Role of Extracellular Vesicle-Based Cell-to-Cell Communication in Multiple Myeloma Progression. Cells, 2021, 10, 3185.	1.8	16

#	Article	IF	CITATIONS
332	A Brief Introduction to Some Aspects of the Fluid–Mosaic Model of Cell Membrane Structure and Its Importance in Membrane Lipid Replacement. Membranes, 2021, 11, 947.	1.4	25
333	Extracellular vesicles: General features and usefulness in diagnosis and therapeutic management of colorectal cancer. World Journal of Gastrointestinal Oncology, 2021, 13, 1561-1598.	0.8	7
334	Small Extracellular Vesicles and COVID19â€"Using the "Trojan Horse―to Tackle the Giant. Cells, 2021, 10, 3383.	1.8	12
335	Exosomes in the Healthy and Malignant Bone Marrow Microenvironment. Advances in Experimental Medicine and Biology, 2021, 1350, 67-89.	0.8	1
336	Exosome: A novel neurotransmission modulator or non-canonical neurotransmitter?. Ageing Research Reviews, 2022, 74, 101558.	5.0	36
337	There and back again: Intracellular trafficking, release and recycling of matrix metalloproteinases. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119189.	1.9	10
338	Exosomes in the hypoxic TME: from release, uptake and biofunctions to clinical applications. Molecular Cancer, 2022, 21, 19.	7.9	63
339	Extracellular vesicles released by non-small cell lung cancer cells drive invasion and permeability in non-tumorigenic lung epithelial cells. Scientific Reports, 2022, 12, 972.	1.6	11
340	Future Perspectives of Exosomal Payload of miRNAs in Lung Cancer., 2022, , 1-22.		1
341	Facile, generic capture and on-fiber differentiation of exosomes <i>via</i> confocal immunofluorescence microscopy using a capillary-channeled polymer fiber solid-phase extraction tip. Sensors & Diagnostics, 2022, 1, 525-533.	1.9	2
342	Extracellular Vesicles Secreted by Glioma Stem Cells Are Involved in Radiation Resistance and Glioma Progression. International Journal of Molecular Sciences, 2022, 23, 2770.	1.8	21
343	Message in the bottle: regulation of the tumor microenvironment via exosome-driven proteolysis. Cancer and Metastasis Reviews, 2022, 41, 789-801.	2.7	4
344	Regulating the production and biological function of small extracellular vesicles: current strategies, applications and prospects. Journal of Nanobiotechnology, 2021, 19, 422.	4.2	13
345	The Role of Extracellular Vesicles in the Progression of Tumors towards Metastasis. Physiology, 0, , .	4.0	0
346	Matrix Metalloproteinases Shape the Tumor Microenvironment in Cancer Progression. International Journal of Molecular Sciences, 2022, 23, 146.	1.8	125
347	Exogenous and Endogenous Dendritic Cell-Derived Exosomes: Lessons Learned for Immunotherapy and Disease Pathogenesis. Cells, 2022, 11, 115.	1.8	26
348	Extracellular Vesicles and Transforming Growth Factor \hat{l}^2 Signaling in Cancer. Frontiers in Cell and Developmental Biology, 2022, 10, 849938.	1.8	14
349	The biogenesis and secretion of exosomes and multivesicular bodies (MVBs): Intercellular shuttles and implications in human diseases. Genes and Diseases, 2023, 10, 1894-1907.	1.5	25

#	Article	IF	CITATIONS
350	Current Knowledge on Exosome Biogenesis, Cargo-Sorting Mechanism and Therapeutic Implications. Membranes, 2022, 12, 498.	1.4	62
352	A Journey on Extracellular Vesicles for Matrix Metalloproteinases: A Mechanistic Perspective. Frontiers in Cell and Developmental Biology, 2022, 10, .	1.8	5
353	Roles of Exosome Genomic DNA in Colorectal Cancer. Frontiers in Pharmacology, 2022, 13, .	1.6	8
354	Exosomal Composition, Biogenesis and Profiling Using Point-of-Care Diagnosticsâ€"Implications for Cardiovascular Disease. Frontiers in Cell and Developmental Biology, 2022, 10, .	1.8	18
355	Role of SNAREs in Unconventional Secretion—Focus on the VAMP7-Dependent Secretion. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	21
356	Exosomes as Theranostic Targets: Implications for the Clinical Prognosis of Aggressive Cancers. Frontiers in Molecular Biosciences, 0, 9, .	1.6	7
357	Glioma extracellular vesicles for precision medicine: prognostic and theragnostic application. Discover Oncology, 2022, 13, .	0.8	9
358	Extracellular Vesicles and Cancer Therapy: Insights into the Role of Oxidative Stress. Antioxidants, 2022, 11, 1194.	2.2	10
361	Data driven and biophysical insights into the regulation of trafficking vesicles by extracellular matrix stiffness. IScience, 2022, 25, 104721.	1.9	1
363	Novel Roles of MT1-MMP and MMP-2: Beyond the Extracellular Milieu. International Journal of Molecular Sciences, 2022, 23, 9513.	1.8	17
364	Elucidation of the signaling pathways for enhanced exosome release from <i>Mycobacterium</i> infected macrophages and subsequent induction of differentiation. Immunology, 0, , .	2.0	2
365	The Neuroprotective Effects of Exosomes Derived from TSG101-Overexpressing Human Neural Stem Cells in a Stroke Model. International Journal of Molecular Sciences, 2022, 23, 9532.	1.8	11
366	Overcoming the blood-brain barrier: Exosomes as theranostic nanocarriers for precision neuroimaging. Journal of Controlled Release, 2022, 349, 902-916.	4.8	18
367	Targeted inhibition of tumor-derived exosomes as a novel therapeutic option for cancer. Experimental and Molecular Medicine, 2022, 54, 1379-1389.	3.2	20
368	Use of heparin to rescue immunosuppressive monocyte reprogramming by glioblastoma-derived extracellular vesicles. Journal of Neurosurgery, 2022, , 1-11.	0.9	1
369	Metalloproteinases in dermal homeostasis. American Journal of Physiology - Cell Physiology, 2022, 323, C1290-C1303.	2.1	3
370	Membrane structures, dynamics, and shaping in invadopodia and podosomes., 2023,, 265-278.		0
371	Transforming growth factor \hat{l}^2 -induced secretion of extracellular vesicles from oral cancer cells evokes endothelial barrier instability via endothelial-mesenchymal transition. Inflammation and Regeneration, 2022, 42, .	1.5	6

#	Article	IF	CITATIONS
372	Extracellular vesicles and particles impact the systemic landscape of cancer. EMBO Journal, 2022, 41, .	3.5	32
373	Tumor-Derived Extracellular Vesicles: Multifunctional Entities in the Tumor Microenvironment. Annual Review of Pathology: Mechanisms of Disease, 2023, 18, 205-229.	9.6	22
374	Strategies to overcome the main challenges of the use of exosomes as drug carrier for cancer therapy. Cancer Cell International, 2022, 22, .	1.8	29
375	Small Extracellular Vesicles from Hypoxic Triple-Negative Breast Cancer Cells Induce Oxygen-Dependent Cell Invasion. International Journal of Molecular Sciences, 2022, 23, 12646.	1.8	1
376	Matrix metalloproteinases in extracellular matrix remodeling: molecular, cellular and tissue aspects. Journal of Anatomy and Histopathology, 2022, 11, 93-108.	0.1	1
377	Methods to analyze extracellular vesicles at single particle level. Micro and Nano Systems Letters, 2022, 10, .	1.7	9
378	The emerging role of exosomes in radiotherapy. Cell Communication and Signaling, 2022, 20, .	2.7	9
379	Exosome biogenesis: machinery, regulation, and therapeutic implications in cancer. Molecular Cancer, 2022, 21, .	7.9	109
380	Future Perspectives of Exosomal Payload of miRNAs in Lung Cancer. , 2022, , 1367-1388.		0
381	Exosomes─Nature's Lipid Nanoparticles, a Rising Star in Drug Delivery and Diagnostics. ACS Nano, 2022, 16, 17802-17846.	7. 3	117
382	Proteolytic and mechanical remodeling of the extracellular matrix by invadopodia in cancer. Physical Biology, 2023, 20, 015001.	0.8	2
383	Extracellular Vesicles as Biomarkers and Therapeutics for Inflammatory Eye Diseases. Molecular Pharmaceutics, 0, , .	2.3	1
384	The impact of environmental contaminants on extracellular vesicles and their key molecular regulators: A literature and databaseâ€driven review. Environmental and Molecular Mutagenesis, 2023, 64, 50-66.	0.9	3
385	CAR-tropic extracellular vesicles carry tumor-associated antigens and modulate CAR T cell functionality. Scientific Reports, 2023, 13, .	1.6	5
386	Visualization of Exosome Release and Uptake During Cell Migration Using the Live Imaging Reporter pHluorin_M153R-CD63. Methods in Molecular Biology, 2023, , 83-96.	0.4	2
387	Biochemistry of exosomes and their theranostic potential in human diseases. Life Sciences, 2023, 315, 121369.	2.0	5
388	Extracellular Vesicles as New Players in Drug Delivery: A Focus on Red Blood Cells-Derived EVs. Pharmaceutics, 2023, 15, 365.	2.0	11
389	Dendritic cell-derived exosomes: A new horizon in personalized cancer immunotherapy?. Cancer Letters, 2023, 562, 216168.	3.2	7

#	Article	IF	CITATIONS
390	Spatial organization of lysosomal exocytosis relies on membrane tension gradients. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	3.3	6
391	Exploiting the biogenesis of extracellular vesicles for bioengineering and therapeutic cargo loading. Molecular Therapy, 2023, 31, 1231-1250.	3.7	32
392	Exosome secretion kinetics are controlled by temperature. Biophysical Journal, 2023, 122, 1301-1314.	0.2	4
393	From Exosome Biogenesis to Absorption: Key Takeaways for Cancer Research. Cancers, 2023, 15, 1992.	1.7	8
394	Small extracellular vesicles promote invadopodia activity in glioblastoma cells in a therapy-dependent manner. Cellular Oncology (Dordrecht), 2023, 46, 909-931.	2.1	2
395	The role of extracellular vesicles in cancer. Cell, 2023, 186, 1610-1626.	13.5	76
396	Amino acids integrate behaviors in nerveless placozoans. Frontiers in Neuroscience, 0, 17, .	1.4	7
397	Extracellular Vesicles in Breast Cancer: From Biology and Function to Clinical Diagnosis and Therapeutic Management. International Journal of Molecular Sciences, 2023, 24, 7208.	1.8	8
412	CLIC1 regulation of cancer stem cells in glioblastoma. Current Topics in Membranes, 2023, , 99-123.	0.5	1
422	Biotechnological Importance of Exosomes. Recent Advances in Biotechnology, 2023, , 117-165.	0.1	O