

# Takahiro Ochiya

## List of Publications by Year in descending order

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Version: 2024-02-01

343  
papers

35,244  
citations

5891

81  
h-index

3911

177  
g-index

360  
all docs

360  
docs citations

360  
times ranked

40635  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating Donor Lung-specific Exosome Profiles Enable Noninvasive Monitoring of Acute Rejection in a Rodent Orthotopic Lung Transplantation Model. <i>Transplantation</i> , 2022, 106, 754-766.	0.5	10
2	Identification of microRNA-96a-5p as a postoperative, prognostic microRNA predictor in nonviral hepatocellular carcinoma. <i>Hepatology Research</i> , 2022, 52, 93-104.	1.8	10
3	Extracellular vesicle-mediated cellular crosstalk in lung repair, remodelling and regeneration. <i>European Respiratory Review</i> , 2022, 31, 210106.	3.0	11
4	AMIGO2 contained in cancer cell-derived extracellular vesicles enhances the adhesion of liver endothelial cells to cancer cells. <i>Scientific Reports</i> , 2022, 12, 792.	1.6	8
5	SORT1/LAMP2-mediated extracellular vesicle secretion and cell adhesion are linked to lenalidomide resistance in multiple myeloma. <i>Blood Advances</i> , 2022, 6, 2480-2495.	2.5	9
6	Osteoblast-derived vesicles induce a switch from bone-formation to bone-resorption in vivo. <i>Nature Communications</i> , 2022, 13, 1066.	5.8	39
7	Successful induction of human chemically induced liver progenitors with small molecules from damaged liver. <i>Journal of Gastroenterology</i> , 2022, 57, 441-452.	2.3	5
8	Serum microRNA as liquid biopsy biomarker for the prediction of oncological outcomes in patients with bladder cancer. <i>International Journal of Urology</i> , 2022, 29, 968-976.	0.5	6
9	Donor extracellular vesicle trafficking via the pleural space represents a novel pathway for allorecognition after lung transplantation. <i>American Journal of Transplantation</i> , 2022, 22, 1909-1918.	2.6	2
10	Multiple cancer type classification by small RNA expression profiles with plasma samples from multiple facilities. <i>Cancer Science</i> , 2022, 113, 2144-2166.	1.7	7
11	Identification of circulating microRNAs as potential biomarkers for hepatic necroinflammation in patients with autoimmune hepatitis. <i>BMJ Open Gastroenterology</i> , 2022, 9, e000879.	1.1	1
12	Nuclear microRNAs release paused Pol II via the DDX21-CDK9 complex. <i>Cell Reports</i> , 2022, 39, 110673.	2.9	7
13	MDS cells impair osteolineage differentiation of MSCs via extracellular vesicles to suppress normal hematopoiesis. <i>Cell Reports</i> , 2022, 39, 110805.	2.9	10
14	Investigation of umbilical cord serum <scp>miRNAs</scp> associated with childhood obesity: A pilot study from a birth cohort study. <i>Journal of Diabetes Investigation</i> , 2022, 13, 1740-1744.	1.1	2
15	Circulating microRNAs: Challenges with their use as liquid biopsy biomarkers. <i>Cancer Biomarkers</i> , 2022, 35, 1-9.	0.8	11
16	Direct evidence that the brain reward system is involved in the control of scratching behaviors induced by acute and chronic itch. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 624-631.	1.0	11
17	Toward Clinical Application of Exosomes for Cancer Diagnosis. <i>Oleoscience</i> , 2021, 21, 63-68.	0.0	0
18	Small extracellular vesicles derived from interferon- $\gamma$ pre-conditioned mesenchymal stromal cells effectively treat liver fibrosis. <i>Npj Regenerative Medicine</i> , 2021, 6, 19.	2.5	44

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19	[OPINION]Evolution of exosome-based DDS technology. Drug Delivery System, 2021, 36, 88-88.	0.0	0
20	A novel combination of serum microRNAs for the detection of early gastric cancer. Gastric Cancer, 2021, 24, 835-843.	2.7	18
21	Co-continuous structural effect of size-controlled macro-porous glass membrane on extracellular vesicle collection for the analysis of miRNA. Scientific Reports, 2021, 11, 8672.	1.6	6
22	Urinary extracellular vesicles: a rising star in bladder cancer management. Translational Andrology and Urology, 2021, 10, 1878-1889.	0.6	12
23	Selective targeting of KRAS-driven lung tumorigenesis via unresolved ER stress. JCI Insight, 2021, 6, .	2.3	2
24	Rapid Discrimination of Extracellular Vesicles by Shape Distribution Analysis. Analytical Chemistry, 2021, 93, 7037-7044.	3.2	15
25	Machine learning-based multiple cancer detections with circulating miRNA profiles in the blood.. Journal of Clinical Oncology, 2021, 39, 3037-3037.	0.8	4
26	Critical considerations for the development of potency tests for therapeutic applications of mesenchymal stromal cell-derived small extracellular vesicles. Cytotherapy, 2021, 23, 373-380.	0.3	125
27	Extracellular vesicles containing miR-146a-5p secreted by bone marrow mesenchymal cells activate hepatocytic progenitors in regenerating rat livers. Stem Cell Research and Therapy, 2021, 12, 312.	2.4	9
28	Bioengineering of a CLIP-derived tubular biliary duct-like structure for bile transport in vitro. Biotechnology and Bioengineering, 2021, 118, 2572-2584.	1.7	9
29	Epigenetic reprogramming promotes the antiviral action of IFN $\gamma$ in HBV-infected cells. Cell Death Discovery, 2021, 7, 130.	2.0	2
30	Early prediction of COVID-19 severity using extracellular vesicle COPB2. Journal of Extracellular Vesicles, 2021, 10, e12092.	5.5	27
31	Generation of functional liver organoids on combining hepatocytes and cholangiocytes with hepatobiliary connections ex vivo. Nature Communications, 2021, 12, 3390.	5.8	33
32	miRNA signaling networks in cancer stem cells. Regenerative Therapy, 2021, 17, 1-7.	1.4	22
33	Comprehensive serum and tissue microRNA profiling in dedifferentiated liposarcoma. Oncology Letters, 2021, 22, 623.	0.8	11
34	Acerola exosome-like nanovesicles to systemically deliver nucleic acid medicine via oral administration. Molecular Therapy - Methods and Clinical Development, 2021, 21, 199-208.	1.8	46
35	Extracellular vesicles in the development of organ-specific metastasis. Journal of Extracellular Vesicles, 2021, 10, e12125.	5.5	49
36	miRNA-1246 in extracellular vesicles secreted from metastatic tumor induces drug resistance in tumor endothelial cells. Scientific Reports, 2021, 11, 13502.	1.6	23

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37	Possible connection between diet and microRNA in cancer scenario. <i>Seminars in Cancer Biology</i> , 2021, 73, 4-18.	4.3	9
38	Human bronchial epithelial cell-derived extracellular vesicle therapy for pulmonary fibrosis via inhibition of TGF $\alpha$ -WNT crosstalk. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12124.	5.5	74
39	Challenges for Better Diagnosis and Management of Pancreatic and Biliary Tract Cancers Focusing on Blood Biomarkers: A Systematic Review. <i>Cancers</i> , 2021, 13, 4220.	1.7	1
40	Biological Functions Driven by mRNAs Carried by Extracellular Vesicles in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 620498.	1.8	30
41	Preliminary evaluation of miR-1307-3p in human serum for detection of 13 types of solid cancer using microRNA chip. <i>Heliyon</i> , 2021, 7, e07919.	1.4	8
42	Exosomes and extracellular vesicles: Rethinking the essential values in cancer biology. <i>Seminars in Cancer Biology</i> , 2021, 74, 79-91.	4.3	65
43	Molecular profiling of extracellular vesicles via charge-based capture using oxide nanowire microfluidics. <i>Biosensors and Bioelectronics</i> , 2021, 194, 113589.	5.3	15
44	JAMIR-eQTL: Japanese genome-wide identification of microRNA expression quantitative trait loci across dementia types. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .	1.4	4
45	Dementia subtype prediction models constructed by penalized regression methods for multiclass classification using serum microRNA expression data. <i>Scientific Reports</i> , 2021, 11, 20947.	1.6	5
46	Extracellular microRNA profiling for prognostic prediction in patients with high-grade serous ovarian carcinoma. <i>Cancer Science</i> , 2021, 112, 4977-4986.	1.7	12
47	Extracellular miRNAs for the Management of Barrett's Esophagus and Esophageal Adenocarcinoma: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 117.	1.0	5
48	Updating MISEV: Evolving the minimal requirements for studies of extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12182.	5.5	147
49	Extracellular vesicles from mesenchymal stem cells of dental pulp and adipose tissue display distinct transcriptomic characteristics suggestive of potential therapeutic targets. <i>Journal of Stem Cells and Regenerative Medicine</i> , 2021, 17, 56-60.	2.2	4
50	Challenges for the Development of Extracellular Vesicle-Based Nucleic Acid Medicines. <i>Cancers</i> , 2021, 13, 6137.	1.7	11
51	Transcriptomic Dissection of Hepatocyte Heterogeneity: Linking Ploidy, Zonation, and Stem/Progenitor Cell Characteristics. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 9, 161-183.	2.3	28
52	Physiological and pathological functions of prostasomes: From basic research to clinical application. , 2020, , 101-121.		4
53	Extracellular vesicles in fibrotic diseases: New applications for fibrosis diagnosis and treatment. , 2020, , 307-323.		0
54	Long-term maintenance of functional primary human hepatocytes using small molecules. <i>FEBS Letters</i> , 2020, 594, 114-125.	1.3	12

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55	Extracellular vesicles as biomarkers and therapeutic targets for cancer. American Journal of Physiology - Cell Physiology, 2020, 318, C29-C39.	2.1	162
56	MSC-exosomes in regenerative medicine. , 2020, , 433-465.		3
57	MicroRNA-124a inhibits endoderm lineage commitment by targeting Sox17 and Gata6 in mouse embryonic stem cells. Stem Cells, 2020, 38, 504-515.	1.4	5
58	Differentiation of chemically induced liver progenitor cells to cholangiocytes: Investigation of the optimal conditions. Journal of Bioscience and Bioengineering, 2020, 130, 545-552.	1.1	7
59	Prognosis prediction model for conversion from mild cognitive impairment to Alzheimer's disease created by integrative analysis of multi-omics data. Alzheimer's Research and Therapy, 2020, 12, 145.	3.0	33
60	The miR-1908/SRM regulatory axis contributes to extracellular vesicle secretion in prostate cancer. Cancer Science, 2020, 111, 3258-3267.	1.7	11
61	Extracellular Vesicles from Fibroblasts Induce Epithelial-Cell Senescence in Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 623-636.	1.4	63
62	The clinical impact of intra- and extracellular miRNAs in ovarian cancer. Cancer Science, 2020, 111, 3435-3444.	1.7	41
63	Extracellular Vesicles in Bone Metastasis: Key Players in the Tumor Microenvironment and Promising Therapeutic Targets. International Journal of Molecular Sciences, 2020, 21, 6680.	1.8	16
64	Chaperone-mediated autophagy receptor modulates tumor growth and chemoresistance in non-small cell lung cancer. Cancer Science, 2020, 111, 4154-4165.	1.7	22
65	Extracellular Vesicles Are Key Regulators of Tumor Neovasculature. Frontiers in Cell and Developmental Biology, 2020, 8, 611039.	1.8	37
66	Long non-coding NR2F1-AS1 is associated with tumor recurrence in estrogen receptor-positive breast cancers. Molecular Oncology, 2020, 14, 2271-2287.	2.1	17
67	Circulating microRNAs: Next-generation Cancer Detection. Keio Journal of Medicine, 2020, 69, 88-96.	0.5	10
68	Novel hepatotoxicity biomarkers of extracellular vesicle (EV)-associated miRNAs induced by CCl4. Toxicology Reports, 2020, 7, 685-692.	1.6	9
69	Cancer cells with high-metastatic potential promote a glycolytic shift in activated fibroblasts. PLoS ONE, 2020, 15, e0234613.	1.1	12
70	A miRNA-based diagnostic model predicts resectable lung cancer in humans with high accuracy. Communications Biology, 2020, 3, 134.	2.0	72
71	Extracellular Vesicles in Cancer Metastasis: Potential as Therapeutic Targets and Materials. International Journal of Molecular Sciences, 2020, 21, 4463.	1.8	50
72	Lipidomic Analysis of Cells and Extracellular Vesicles from High- and Low-Metastatic Triple-Negative Breast Cancer. Metabolites, 2020, 10, 67.	1.3	49

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73	Cell-type specific tumorigenesis with Ras oncogenes in human lung epithelial cells. Biochemical and Biophysical Research Communications, 2020, 525, 483-490.	1.0	4
74	Altered biodistribution of deglycosylated extracellular vesicles through enhanced cellular uptake. Journal of Extracellular Vesicles, 2020, 9, 1713527.	5.5	58
75	MicroRNA-493a-5p-mediated repression of the MYCN oncogene inhibits hepatic cancer cell growth and invasion. Cancer Science, 2020, 111, 869-880.	1.7	27
76	Highly Sensitive Circulating MicroRNA Panel for Accurate Detection of Hepatocellular Carcinoma in Patients With Liver Disease. Hepatology Communications, 2020, 4, 284-297.	2.0	53
77	miR-26a regulates extracellular vesicle secretion from prostate cancer cells via targeting SHC4, PFDN4, and CHORDC1. Science Advances, 2020, 6, eaay3051.	4.7	39
78	Peripheral neuropathy from paclitaxel: risk prediction by serum microRNAs. BMJ Supportive and Palliative Care, 2020, , bmjspcare-2019-001900.	0.8	5
79	Adenosine leakage from perforin-burst extracellular vesicles inhibits perforin secretion by cytotoxic T-lymphocytes. PLoS ONE, 2020, 15, e0231430.	1.1	24
80	MIR-1285-5p/ TMEM194A axis affects cell proliferation in breast cancer. Cancer Science, 2020, 111, 395-405.	1.7	17
81	Uncovering temperature-dependent extracellular vesicle secretion in breast cancer. Journal of Extracellular Vesicles, 2020, 10, e12049.	5.5	20
82	GCT-72. ANALYSIS OF microRNA EXPRESSION PROFILE OF INTRACRANIAL GERM CELL TUMORS: A PROMISING TOOL FOR DIFFERENTIAL DIAGNOSIS. Neuro-Oncology, 2020, 22, iii342-iii343.	0.6	0
83	Development of liquid biopsy for breast cancer. Nihon Nyugan Kenshin Gakkaishi (Journal of Japan) Tj ETQq1 1 0.784314 rgBT <sub>0</sub> /Overlook	0.0	0
84	Development of extracellular vesicle (EV)-based diagnostics and therapeutics. Translational and Regulatory Sciences, 2020, 2, 80-83.	0.2	0
85	Single-cell qPCR Assay with Massively Parallel Microfluidic System. Bio-protocol, 2020, 10, e3563.	0.2	0
86	Exosome as a novel nanocarriers for therapeutic delivery. Drug Delivery System, 2020, 35, 35-46.	0.0	1
87	MicroRNA and liver cancer. , 2020, 3, 385-400.		5
88	Transgenic rats for tracking body fluid/tissue-derived extracellular vesicles. Methods in Enzymology, 2020, 645, 231-242.	0.4	0
89	Impaired Osteoblastic Differentiation of MSCs Suppresses Normal Hematopoiesis in MDS. Blood, 2020, 136, 17-18.	0.6	0
90	Cancer cells with high-metastatic potential promote a glycolytic shift in activated fibroblasts. , 2020, 15, e0234613.		0

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91	Cancer cells with high-metastatic potential promote a glycolytic shift in activated fibroblasts. , 2020, 15, e0234613.		0
92	Cancer cells with high-metastatic potential promote a glycolytic shift in activated fibroblasts. , 2020, 15, e0234613.		0
93	Cancer cells with high-metastatic potential promote a glycolytic shift in activated fibroblasts. , 2020, 15, e0234613.		0
94	Title is missing!. , 2020, 15, e0231430.		0
95	Title is missing!. , 2020, 15, e0231430.		0
96	Title is missing!. , 2020, 15, e0231430.		0
97	Title is missing!. , 2020, 15, e0231430.		0
98	Extracellular vesicles mediate the horizontal transfer of an active LINE1 retrotransposon. Journal of Extracellular Vesicles, 2019, 8, 1643214.	5.5	31
99	MEG3-derived miR-493-5p overcomes the oncogenic feature of IGF2-miR-483 loss of imprinting in hepatic cancer cells. Cell Death and Disease, 2019, 10, 553.	2.7	36
100	Latest advances in extracellular vesicles: from bench to bedside. Science and Technology of Advanced Materials, 2019, 20, 746-757.	2.8	74
101	Generation of functional human hepatocytes in vitro: current status and future prospects. Inflammation and Regeneration, 2019, 39, 13.	1.5	27
102	Single-Cell Analysis Reveals a Preexisting Drug-Resistant Subpopulation in the Luminal Breast Cancer Subtype. Cancer Research, 2019, 79, 4412-4425.	0.4	37
103	The Immunomodulatory Functions of Mesenchymal Stromal/Stem Cells Mediated via Paracrine Activity. Journal of Clinical Medicine, 2019, 8, 1025.	1.0	203
104	Identification of serum microRNAs predicting the response of esophageal squamous-cell carcinoma to nivolumab. Japanese Journal of Clinical Oncology, 2019, 50, 114-121.	0.6	13
105	Brain metastasis-related microRNAs in patients with advanced breast cancer. PLoS ONE, 2019, 14, e0221538.	1.1	34
106	A comparison of machine learning classifiers for dementia with Lewy bodies using miRNA expression data. BMC Medical Genomics, 2019, 12, 150.	0.7	22
107	Circulating Exosomal miRNA Profiles Predict the Occurrence and Recurrence of Hepatocellular Carcinoma in Patients with Direct-Acting Antiviral-Induced Sustained Viral Response. Biomedicines, 2019, 7, 87.	1.4	20
108	Development of Bifunctional Three-Dimensional Cysts from Chemically Induced Liver Progenitors. Stem Cells International, 2019, 2019, 1-13.	1.2	6

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109	Serum microRNA-based prediction of responsiveness to eribulin in metastatic breast cancer. PLoS ONE, 2019, 14, e0222024.	1.1	24
110	Towards Circulating-Tumor DNA-Based Precision Medicine. Journal of Clinical Medicine, 2019, 8, 1365.	1.0	8
111	Cross-talk between cancer cells and their neighbors via miRNA in extracellular vesicles: an emerging player in cancer metastasis. Journal of Biomedical Science, 2019, 26, 7.	2.6	98
112	Involvement of Extracellular Vesicles in Vascular-Related Functions in Cancer Progression and Metastasis. International Journal of Molecular Sciences, 2019, 20, 2584.	1.8	53
113	Development and Validation of an Esophageal Squamous Cell Carcinoma Detection Model by Large-Scale MicroRNA Profiling. JAMA Network Open, 2019, 2, e194573.	2.8	56
114	Cancer extracellular vesicles contribute to stromal heterogeneity by inducing chemokines in cancer-associated fibroblasts. Oncogene, 2019, 38, 5566-5579.	2.6	87
115	Small Interfering RNA-Mediated Silencing of the Ribophorin II Gene: Advances in the Treatment of Malignant Breast Cancer. , 2019, , 27-41.		1
116	A serum microRNA classifier for the diagnosis of sarcomas of various histological subtypes. Nature Communications, 2019, 10, 1299.	5.8	66
117	Re: A Prospective Adaptive Utility Trial to Validate Performance of a Novel Urine Exosome Gene Expression Assay to Predict High-grade Prostate Cancer in Patients with Prostate-specific Antigen >10 ng/ml at Initial Biopsy. European Urology, 2019, 76, 254-255.	0.9	6
118	The antiviral effects of human microRNA miR-302c-3p against hepatitis B virus infection. Alimentary Pharmacology and Therapeutics, 2019, 49, 1060-1070.	1.9	21
119	Extracellular Vesicles as Novel Nanocarriers for Therapeutic Delivery. , 2019, , 391-407.		3
120	Large-scale Circulating microRNA Profiling for the Liquid Biopsy of Prostate Cancer. Clinical Cancer Research, 2019, 25, 3016-3025.	3.2	87
121	Drug library screen reveals benzimidazole derivatives as selective cytotoxic agents for KRAS-mutant lung cancer. Cancer Letters, 2019, 451, 11-22.	3.2	28
122	Exploiting the message from cancer: the diagnostic value of extracellular vesicles for clinical applications. Experimental and Molecular Medicine, 2019, 51, 1-9.	3.2	87
123	Synthetic Lethality in Lung Cancer—From the Perspective of Cancer Genomics. Medicines (Basel,) 2019, 6, 14.	0.7	0
124	Serum MicroRNA-Based Risk Prediction for Stroke. Stroke, 2019, 50, 1510-1518.	1.0	44
125	An Insight into the Roles of MicroRNAs and Exosomes in Sarcoma. Cancers, 2019, 11, 428.	1.7	19
126	Risk prediction models for dementia constructed by supervised principal component analysis using miRNA expression data. Communications Biology, 2019, 2, 77.	2.0	50



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127	Development of miRNA-based therapeutic approaches for cancer patients. <i>Cancer Science</i> , 2019, 110, 1140-1147.	1.7	101
128	Serum microRNA profile enables preoperative diagnosis of uterine leiomyosarcoma. <i>Cancer Science</i> , 2019, 110, 3718-3726.	1.7	24
129	Assessment of the Diagnostic Utility of Serum MicroRNA Classification in Patients With Diffuse Glioma. <i>JAMA Network Open</i> , 2019, 2, e1916953.	2.8	32
130	Generation of Hepatic Organoids with Biliary Structures. <i>Methods in Molecular Biology</i> , 2019, 1905, 175-185.	0.4	6
131	Serum miRNA-based Prediction of Axillary Lymph Node Metastasis in Breast Cancer. <i>Clinical Cancer Research</i> , 2019, 25, 1817-1827.	3.2	40
132	Circulating miRNA panels for specific and early detection in bladder cancer. <i>Cancer Science</i> , 2019, 110, 408-419.	1.7	175
133	Chemically Induced Liver Progenitors (CLiPs): A Novel Cell Source for Hepatocytes and Biliary Epithelial Cells. <i>Methods in Molecular Biology</i> , 2019, 1905, 117-130.	0.4	9
134	Generation of human hepatic progenitor cells with regenerative and metabolic capacities from primary hepatocytes. <i>ELife</i> , 2019, 8, .	2.8	46
135	The Sox2 promoter-driven CD63-GFP transgenic rat model allows tracking neural stem cell-derived extracellular vesicles. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	17
136	Biocompatibility of highly purified bovine milk-derived extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1440132.	5.5	168
137	Cancer-secreted hsa-miR-940 induces an osteoblastic phenotype in the bone metastatic microenvironment via targeting ARHGAP1 and FAM134A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2204-2209.	3.3	200
138	Epigenetic Reprogramming of Human Hepatoma Cells: A Low-Cost Option for Drug Metabolism Assessment. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 454-457.e1.	2.3	10
139	Imaging of angiogenesis of human umbilical vein endothelial cells by uptake of exosomes secreted from hepatocellular carcinoma cells. <i>Scientific Reports</i> , 2018, 8, 6765.	1.6	56
140	Epigenetic reprogramming using 5-azacytidine promotes an anti-cancer response in pancreatic adenocarcinoma cells. <i>Cell Death and Disease</i> , 2018, 9, 468.	2.7	64
141	Maintaining good miRNAs in the body keeps the doctor away?: Perspectives on the relationship between food-derived natural products and microRNAs in relation to exosomes/extracellular vesicles. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700080.	1.5	28
142	Extracellular vesicle-encapsulated microRNA-761 enhances pazopanib resistance in synovial sarcoma. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1322-1327.	1.0	31
143	Emerging role of extracellular vesicles as a senescence-associated secretory phenotype: Insights into the pathophysiology of lung diseases. <i>Molecular Aspects of Medicine</i> , 2018, 60, 92-103.	2.7	126
144	Extracellular Vesicles: New Players in Lung Immunity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 560-565.	1.4	44

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145	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	5.5	6,961
146	UBL3 modification influences protein sorting to small extracellular vesicles. Nature Communications, 2018, 9, 3936.	5.8	53
147	Clinical Application of Mesenchymal Stem Cell-Derived Extracellular Vesicle-Based Therapeutics for Inflammatory Lung Diseases. Journal of Clinical Medicine, 2018, 7, 355.	1.0	128
148	Integrated extracellular microRNA profiling for ovarian cancer screening. Nature Communications, 2018, 9, 4319.	5.8	213
149	Pazopanib-induced changes in protein expression signatures of extracellular vesicles in synovial sarcoma. Biochemical and Biophysical Research Communications, 2018, 506, 723-730.	1.0	2
150	Extracellular vesicles and encapsulated miRNAs as emerging cancer biomarkers for novel liquid biopsy. Japanese Journal of Clinical Oncology, 2018, 48, 869-876.	0.6	29
151	Summary of the ISEV workshop on extracellular vesicles as disease biomarkers, held in Birmingham, UK, during December 2017. Journal of Extracellular Vesicles, 2018, 7, 1473707.	5.5	60
152	Differentiation Therapy by Epigenetic Reconditioning Exerts Antitumor Effects on Liver Cancer Cells. Molecular Therapy, 2018, 26, 1840-1854.	3.7	51
153	Emerging roles of long non-coding RNA in cancer. Cancer Science, 2018, 109, 2093-2100.	1.7	489
154	A Challenge to Aging Society by microRNA in Extracellular Vesicles: microRNA in Extracellular Vesicles as Promising Biomarkers and Novel Therapeutic Targets in Multiple Myeloma. Journal of Clinical Medicine, 2018, 7, 55.	1.0	11
155	Extracellular vesicles: Toward a clinical application in urological cancer treatment. International Journal of Urology, 2018, 25, 533-543.	0.5	32
156	Extracellular microRNAs and oxidative stress in liver injury: a systematic mini review. Journal of Clinical Biochemistry and Nutrition, 2018, 63, 6-11.	0.6	46
157	Exploration for Cell Sources for Liver Regenerative Medicine: "CLiP" as a Dawn of Cell Transplantation Therapy. , 2018, , 77-101.		0
158	Regulatory role of resveratrol, a microRNA-controlling compound, in <i>HNRNPA1</i> expression, which is associated with poor prognosis in breast cancer. Oncotarget, 2018, 9, 24718-24730.	0.8	54
159	Generation of Chemically Induced Liver Progenitors (CLiPs) from Rat Adult Hepatocytes. Bio-protocol, 2018, 8, e2689.	0.2	5
160	Disruption of Circulating Extracellular Vesicles as a Novel Therapeutic Strategy against Cancer Metastasis. Molecular Therapy, 2017, 25, 181-191.	3.7	164
161	The role of extracellular vesicle microRNAs in cancer biology. Clinical Chemistry and Laboratory Medicine, 2017, 55, 648-656.	1.4	89
162	Circulating microRNAs and extracellular vesicles as potential cancer biomarkers: a systematic review. International Journal of Clinical Oncology, 2017, 22, 413-420.	1.0	90

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163	Extracellular vesicles in lung cancer“From bench to bedside. Seminars in Cell and Developmental Biology, 2017, 67, 39-47.	2.3	47
164	Extracellular vesicles as trans“genomic agents: Emerging roles in disease and evolution. Cancer Science, 2017, 108, 824-830.	1.7	84
165	Phase I clinical study of liver regenerative therapy for cirrhosis by intrahepatic arterial infusion of freshly isolated autologous adipose tissue-derived stromal/stem (regenerative) cell. Regenerative Therapy, 2017, 6, 52-64.	1.4	45
166	Malignant extracellular vesicles carrying MMP1 mRNA facilitate peritoneal dissemination in ovarian cancer. Nature Communications, 2017, 8, 14470.	5.8	235
167	Mesenchymal stem cell-derived extracellular vesicles: a glimmer of hope in treating Alzheimer“s disease. International Immunology, 2017, 29, 11-19.	1.8	67
168	Unveiling massive numbers of cancer-related urinary-microRNA candidates via nanowires. Science Advances, 2017, 3, e1701133.	4.7	170
169	Circulating MicroRNA-92b-3p as a Novel Biomarker for Monitoring of Synovial Sarcoma. Scientific Reports, 2017, 7, 14634.	1.6	50
170	Conversion of Terminally Committed Hepatocytes to Culturable Bipotent Progenitor Cells with Regenerative Capacity. Cell Stem Cell, 2017, 20, 41-55.	5.2	187
171	How cancer cells dictate their microenvironment: present roles of extracellular vesicles. Cellular and Molecular Life Sciences, 2017, 74, 697-713.	2.4	126
172	In“vitro reconstitution of breast cancer heterogeneity with multipotent cancer stem cells using small molecules. Biochemical and Biophysical Research Communications, 2017, 482, 750-757.	1.0	4
173	The Biological Role and Clinical Implication of MicroRNAs in Osteosarcoma. , 2017, , .		1
174	Drug Resistance Driven by Cancer Stem Cells and Their Niche. International Journal of Molecular Sciences, 2017, 18, 2574.	1.8	376
175	Trophic Activity and Phenotype of Adipose Tissue-Derived Mesenchymal Stem Cells as a Background of Their Regenerative Potential. Stem Cells International, 2017, 2017, 1-13.	1.2	67
176	A tissue microRNA signature that predicts the prognosis of breast cancer in young women. PLoS ONE, 2017, 12, e0187638.	1.1	38
177	The small vesicular culprits: the investigation of extracellular vesicles as new targets for cancer treatment. Clinical and Translational Medicine, 2017, 6, 45.	1.7	29
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