

Takahiro Ochiya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2766841/publications.pdf>

Version: 2024-02-01

343
papers

35,244
citations

6840

81
h-index

4511

177
g-index

360
all docs

360
docs citations

360
times ranked

43797
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-96-5p 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- β pre-conditioned mesenchymal stromal cells effectively treat liver fibrosis. <i>Npj Regenerative Medicine</i> , 2021, 6, 19.	2.5	44

#	ARTICLE	IF	CITATIONS
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 CLIPâ€derived tubular biliaryâ€ductâ€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 IFNÎ± in HBV-infected cells. Cell Death Discovery, 2021, 7, 130.	2.0	2
30	Early prediction of COVIDâ€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 organâ€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

#	ARTICLE	IF	CITATIONS
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 α -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

#	ARTICLE	IF	CITATIONS
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

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

#	ARTICLE	IF	CITATIONS
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

#	ARTICLE	IF	CITATIONS
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,) Tj ETQq1 1 0.784314 rgBT /Overlock	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

#	ARTICLE	IF	CITATIONS
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

#	ARTICLE	IF	CITATIONS
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. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	5.5	6,961
146	UBL3 modification influences protein sorting to small extracellular vesicles. <i>Nature Communications</i> , 2018, 9, 3936.	5.8	53
147	Clinical Application of Mesenchymal Stem Cell-Derived Extracellular Vesicle-Based Therapeutics for Inflammatory Lung Diseases. <i>Journal of Clinical Medicine</i> , 2018, 7, 355.	1.0	128
148	Integrated extracellular microRNA profiling for ovarian cancer screening. <i>Nature Communications</i> , 2018, 9, 4319.	5.8	213
149	Pazopanib-induced changes in protein expression signatures of extracellular vesicles in synovial sarcoma. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 723-730.	1.0	2
150	Extracellular vesicles and encapsulated miRNAs as emerging cancer biomarkers for novel liquid biopsy. <i>Japanese Journal of Clinical Oncology</i> , 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. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1473707.	5.5	60
152	Differentiation Therapy by Epigenetic Reconditioning Exerts Antitumor Effects on Liver Cancer Cells. <i>Molecular Therapy</i> , 2018, 26, 1840-1854.	3.7	51
153	Emerging roles of long non-coding RNA in cancer. <i>Cancer Science</i> , 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. <i>Journal of Clinical Medicine</i> , 2018, 7, 55.	1.0	11
155	Extracellular vesicles: Toward a clinical application in urological cancer treatment. <i>International Journal of Urology</i> , 2018, 25, 533-543.	0.5	32
156	Extracellular microRNAs and oxidative stress in liver injury: a systematic mini review. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2018, 63, 6-11.	0.6	46
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. <i>Oncotarget</i> , 2018, 9, 24718-24730.	0.8	54
159	Generation of Chemically Induced Liver Progenitors (CLiPs) from Rat Adult Hepatocytes. <i>Bio-protocol</i> , 2018, 8, e2689.	0.2	5
160	Disruption of Circulating Extracellular Vesicles as a Novel Therapeutic Strategy against Cancer Metastasis. <i>Molecular Therapy</i> , 2017, 25, 181-191.	3.7	164
161	The role of extracellular vesicle microRNAs in cancer biology. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 648-656.	1.4	89
162	Circulating microRNAs and extracellular vesicles as potential cancer biomarkers: a systematic review. <i>International Journal of Clinical Oncology</i> , 2017, 22, 413-420.	1.0	90

#	ARTICLE	IF	CITATIONS
163	Extracellular vesicles in lung cancer—From bench to bedside. <i>Seminars in Cell and Developmental Biology</i> , 2017, 67, 39-47.	2.3	47
164	Extracellular vesicles as trans-epigenomic agents: Emerging roles in disease and evolution. <i>Cancer Science</i> , 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. <i>Regenerative Therapy</i> , 2017, 6, 52-64.	1.4	45
166	Malignant extracellular vesicles carrying MMP1 mRNA facilitate peritoneal dissemination in ovarian cancer. <i>Nature Communications</i> , 2017, 8, 14470.	5.8	235
167	Mesenchymal stem cell-derived extracellular vesicles: a glimmer of hope in treating Alzheimer's disease. <i>International Immunology</i> , 2017, 29, 11-19.	1.8	67
168	Unveiling massive numbers of cancer-related urinary-microRNA candidates via nanowires. <i>Science Advances</i> , 2017, 3, e1701133.	4.7	170
169	Circulating MicroRNA-92b-3p as a Novel Biomarker for Monitoring of Synovial Sarcoma. <i>Scientific Reports</i> , 2017, 7, 14634.	1.6	50
170	Conversion of Terminally Committed Hepatocytes to Culturable Bipotent Progenitor Cells with Regenerative Capacity. <i>Cell Stem Cell</i> , 2017, 20, 41-55.	5.2	187
171	How cancer cells dictate their microenvironment: present roles of extracellular vesicles. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 697-713.	2.4	126
172	In vitro reconstitution of breast cancer heterogeneity with multipotent cancer stem cells using small molecules. <i>Biochemical and Biophysical Research Communications</i> , 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. <i>International Journal of Molecular Sciences</i> , 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. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	67
176	A tissue microRNA signature that predicts the prognosis of breast cancer in young women. <i>PLoS ONE</i> , 2017, 12, e0187638.	1.1	38
177	The small vesicular culprits: the investigation of extracellular vesicles as new targets for cancer treatment. <i>Clinical and Translational Medicine</i> , 2017, 6, 45.	1.7	29
178	Circulating exosomal microRNA-203 is associated with metastasis possibly via inducing tumor-associated macrophages in colorectal cancer. <i>Oncotarget</i> , 2017, 8, 78598-78613.	0.8	132
179	Clinical significance of circulating miR-25-3p as a novel diagnostic and prognostic biomarker in osteosarcoma. <i>Oncotarget</i> , 2017, 8, 33375-33392.	0.8	93
180	Biological and clinical insights offered by chemically induced liver progenitors (CLiPs). <i>Stem Cell Investigation</i> , 2017, 4, 68-68.	1.3	3

#	ARTICLE	IF	CITATIONS
181	A combination of circulating miRNAs for the early detection of ovarian cancer. <i>Oncotarget</i> , 2017, 8, 89811-89823.	0.8	84
182	Drug delivery application of extracellular vesicles; insight into production, drug loading, targeting, and pharmacokinetics. <i>AIMS Bioengineering</i> , 2017, 4, 73-92.	0.6	27
183	High-level secretion of tissue factor-rich extracellular vesicles from ovarian cancer cells mediated by filamin-A and protease-activated receptors. <i>Thrombosis and Haemostasis</i> , 2016, 115, 299-310.	1.8	47
184	Versatile roles of extracellular vesicles in cancer. <i>Journal of Clinical Investigation</i> , 2016, 126, 1163-1172.	3.9	261
185	Extracellular Vesicles in Chronic Obstructive Pulmonary Disease. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1801.	1.8	62
186	MicroRNAs in Bone and Soft Tissue Sarcomas and Their Value as Biomarkers. , 2016, , 613-642.		0
187	Expression Level of Urinary MicroRNA-146a-5p Is Increased in Patients With Bladder Cancer and Decreased in Those After Transurethral Resection. <i>Clinical Genitourinary Cancer</i> , 2016, 14, e493-e499.	0.9	53
188	Extracellular Vesicles and Their Role in Urologic Malignancies. <i>European Urology</i> , 2016, 70, 323-331.	0.9	79
189	Serum extracellular vesicular miR-21-5p is a predictor of the prognosis in idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2016, 17, 110.	1.4	94
190	Novel combination of serum microRNA for detecting breast cancer in the early stage. <i>Cancer Science</i> , 2016, 107, 326-334.	1.7	274
191	Generation of a novel transgenic rat model for tracing extracellular vesicles in body fluids. <i>Scientific Reports</i> , 2016, 6, 31172.	1.6	33
192	How electromagnetic fields can influence adult stem cells: positive and negative impacts. <i>Stem Cell Research and Therapy</i> , 2016, 7, 54.	2.4	94
193	Establishment and Characterization of an <i>In Vitro</i> Model of Ovarian Cancer Stem-like Cells with an Enhanced Proliferative Capacity. <i>Cancer Research</i> , 2016, 76, 150-160.	0.4	63
194	Extracellular vesicle transfer of cancer pathogenic components. <i>Cancer Science</i> , 2016, 107, 385-390.	1.7	175
195	Novel therapeutic strategies targeting liver cancer stem cells. <i>Chinese Clinical Oncology</i> , 2016, 5, 59-59.	0.4	5
196	RNA Interference. , 2016, , 4092-4095.		0
197	Suppression of autophagy by extracellular vesicles promotes myofibroblast differentiation in COPD pathogenesis. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 28388.	5.5	187
198	Applying extracellular vesicles based therapeutics in clinical trials – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 30087.	5.5	1,020

#	ARTICLE	IF	CITATIONS
199	The expression and clinical significance of ribophorin <scp>RPN2</scp> (<scp>RPN2</scp>) in human breast cancer. <i>Pathology International</i> , 2015, 65, 301-308.	0.6	22
200	The Roles of MicroRNAs in Breast Cancer. <i>Cancers</i> , 2015, 7, 598-616.	1.7	125
201	Micromanaging of tumor metastasis by extracellular vesicles. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 52-59.	2.3	15
202	Development of Small RNA Delivery Systems for Lung Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 5254-5270.	1.8	57
203	Commitment of Annexin A2 in recruitment of microRNAs into extracellular vesicles. <i>FEBS Letters</i> , 2015, 589, 4071-4078.	1.3	72
204	microRNAs and Hepatitis B. <i>Advances in Experimental Medicine and Biology</i> , 2015, 888, 389-399.	0.8	9
205	Molecular signatures of mesenchymal stem cell-derived extracellular vesicle-mediated tissue repair. <i>Stem Cell Research and Therapy</i> , 2015, 6, 212.	2.4	89
206	Interactions between cancer cells and normal cells via miRNAs in extracellular vesicles. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1849-1861.	2.4	42
207	The Clinical Relevance of the miR-197/CKS1B/STAT3-mediated PD-L1 Network in Chemoresistant Non-small-cell Lung Cancer. <i>Molecular Therapy</i> , 2015, 23, 717-727.	3.7	218
208	Bovine milk exosomes contain microRNA and mRNA and are taken up by human macrophages. <i>Journal of Dairy Science</i> , 2015, 98, 2920-2933.	1.4	269
209	Loss of microRNA-27b contributes to breast cancer stem cell generation by activating ENPP1. <i>Nature Communications</i> , 2015, 6, 7318.	5.8	126
210	Brain metastatic cancer cells release microRNA-181c-containing extracellular vesicles capable of destructing blood-brain barrier. <i>Nature Communications</i> , 2015, 6, 6716.	5.8	547
211	Towards the realization of clinical extracellular vesicle diagnostics: challenges and opportunities. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 1555-1566.	1.5	12
212	A novel platform for cancer therapy using extracellular vesicles. <i>Advanced Drug Delivery Reviews</i> , 2015, 95, 50-55.	6.6	86
213	Extracellular vesicles in lung microenvironment and pathogenesis. <i>Trends in Molecular Medicine</i> , 2015, 21, 533-542.	3.5	149
214	miRNA therapy targeting cancer stem cells: a new paradigm for cancer treatment and prevention of tumor recurrence. <i>Therapeutic Delivery</i> , 2015, 6, 323-337.	1.2	47
215	Circulating microRNAs as Hormones: Intercellular and Inter-organ Conveyors of Epigenetic Information?. <i>Exs</i> , 2015, 106, 255-267.	1.4	3
216	Exosomal miRNAs from Peritoneum Lavage Fluid as Potential Prognostic Biomarkers of Peritoneal Metastasis in Gastric Cancer. <i>PLoS ONE</i> , 2015, 10, e0130472.	1.1	141

#	ARTICLE	IF	CITATIONS
217	Prognostic and therapeutic impact of RPN2-mediated tumor malignancy in non-small-cell lung cancer. <i>Oncotarget</i> , 2015, 6, 3335-3345.	0.8	26
218	Extracellular vesicles in smoking-related lung diseases. <i>Oncotarget</i> , 2015, 6, 43144-43145.	0.8	11
219	Dark side of the exosome: the role of the exosome in cancer metastasis and targeting the exosome as a strategy for cancer therapy. <i>Future Oncology</i> , 2014, 10, 671-681.	1.1	48
220	RPN2 Gene Confers Osteosarcoma Cell Malignant Phenotypes and Determines Clinical Prognosis. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e189.	2.3	25
221	MicroRNAs in Soft Tissue Sarcomas: Overview of the Accumulating Evidence and Importance as Novel Biomarkers. <i>BioMed Research International</i> , 2014, 2014, 1-15.	0.9	22
222	The Impact of Extracellular Vesicle-Encapsulated Circulating MicroRNAs in Lung Cancer Research. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	54
223	Potential Application of Extracellular Vesicles of Human Adipose Tissue-Derived Mesenchymal Stem Cells in Alzheimer's Disease Therapeutics. <i>Methods in Molecular Biology</i> , 2014, 1212, 171-181.	0.4	47
224	Exosomes from bone marrow mesenchymal stem cells contain a microRNA that promotes dormancy in metastatic breast cancer cells. <i>Science Signaling</i> , 2014, 7, ra63.	1.6	558
225	Circulating MicroRNAs in Drug Safety Assessment for Hepatic and Cardiovascular Toxicity: The Latest Biomarker Frontier?. <i>Molecular Diagnosis and Therapy</i> , 2014, 18, 121-126.	1.6	13
226	A paradigm shift for extracellular vesicles as small RNA carriers: from cellular waste elimination to therapeutic applications. <i>Drug Delivery and Translational Research</i> , 2014, 4, 31-37.	3.0	39
227	Clinical Relevance and Therapeutic Significance of MicroRNA-133a Expression Profiles and Functions in Malignant Osteosarcoma-Initiating Cells. <i>Stem Cells</i> , 2014, 32, 959-973.	1.4	61
228	The roles of extracellular vesicles in cancer biology: Toward the development of novel cancer biomarkers. <i>Proteomics</i> , 2014, 14, 412-425.	1.3	134
229	Physiological and pathological relevance of secretory microRNAs and a perspective on their clinical application. <i>Biological Chemistry</i> , 2014, 395, 365-373.	1.2	11
230	No Influence of Exogenous Hyaluronan on the Behavior of Human Cancer Cells or Endothelial Cell Capillary Formation. <i>Journal of Food Science</i> , 2014, 79, T1469-75.	1.5	6
231	RPN2-mediated glycosylation of tetraspanin CD63 regulates breast cancer cell malignancy. <i>Molecular Cancer</i> , 2014, 13, 134.	7.9	84
232	Ultra-sensitive liquid biopsy of circulating extracellular vesicles using ExoScreen. <i>Nature Communications</i> , 2014, 5, 3591.	5.8	450
233	Intercellular Communication by Extracellular Vesicles and Their MicroRNAs in Asthma. <i>Clinical Therapeutics</i> , 2014, 36, 873-881.	1.1	75
234	The role of microRNAs in the regulation of cancer stem cells. <i>Frontiers in Genetics</i> , 2014, 4, 295.	1.1	128

#	ARTICLE	IF	CITATIONS
235	The In Vivo Evaluation of the Therapeutic Potential of Human Adipose Tissue-Derived Mesenchymal Stem Cells for Acute Liver Disease. <i>Methods in Molecular Biology</i> , 2014, 1213, 57-67.	0.4	6
236	Time-Dependent Expression Profiles of microRNAs and mRNAs in Rat Milk Whey. <i>PLoS ONE</i> , 2014, 9, e88843.	1.1	73
237	Exosome in disease biology, diagnosis, and therapy. <i>Inflammation and Regeneration</i> , 2014, 34, 233-239.	1.5	3
238	The Potential Role of MicroRNA-Based Therapy for Lung Cancer Stem Cells. , 2014, , 83-98.		0
239	MicroRNAs and Oncogenic Human Viruses. , 2014, , 155-182.		0
240	Challenges and Strategies for Pulmonary Delivery of MicroRNA-Based Therapeutics. , 2014, , 413-428.		0
241	miR-148a plays a pivotal role in the liver by promoting the hepatospecific phenotype and suppressing the invasiveness of transformed cells. <i>Hepatology</i> , 2013, 58, 1153-1165.	3.6	119
242	Human adipose tissue-derived mesenchymal stem cells secrete functional neprilysin-bound exosomes. <i>Scientific Reports</i> , 2013, 3, 1197.	1.6	424
243	Adipose tissue derived stromal stem cell therapy in murine <sc>C</sc> on <sc>A</sc>-derived hepatitis is dependent on myeloid lineage and <sc>CD</sc>4⁺ <sc>T</sc>-cell suppression. <i>European Journal of Immunology</i> , 2013, 43, 2956-2968.	1.6	48
244	Biliary Epithelial Cells Play an Essential Role in the Reconstruction of Hepatic Tissue with a Functional Bile Ductular Network. <i>Tissue Engineering - Part A</i> , 2013, 19, 2402-2411.	1.6	21
245	Imaging exosome transfer from breast cancer cells to stroma at metastatic sites in orthotopic nude-mouse models. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 383-390.	6.6	267
246	Hypoxia efficiently induces differentiation of mouse embryonic stem cells into endodermal and hepatic progenitor cells. <i>Biochemical Engineering Journal</i> , 2013, 74, 95-101.	1.8	13
247	The therapeutic potential of mesenchymal stem cell-derived extracellular vesicles. <i>Proteomics</i> , 2013, 13, 1637-1653.	1.3	332
248	Exosomal tumor-suppressive microRNAs as novel cancer therapy. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 376-382.	6.6	72
249	Purification of RNA from Milk Whey. <i>Methods in Molecular Biology</i> , 2013, 1024, 191-201.	0.4	25
250	Therapeutic Effects of MicroRNA-582-5p and -3p on the Inhibition of Bladder Cancer Progression. <i>Molecular Therapy</i> , 2013, 21, 610-619.	3.7	98
251	Functional Analysis of Exosomal MicroRNA in Cell-Cell Communication Research. <i>Methods in Molecular Biology</i> , 2013, 1024, 1-10.	0.4	35
252	Adipose tissue-derived stem cells as a regenerative therapy for a mouse steatohepatitis-induced cirrhosis model. <i>Hepatology</i> , 2013, 58, 1133-1142.	3.6	96

#	ARTICLE	IF	CITATIONS
253	Systemically Injected Exosomes Targeted to EGFR Deliver Antitumor MicroRNA to Breast Cancer Cells. <i>Molecular Therapy</i> , 2013, 21, 185-191.	3.7	1,314
254	Roles of microRNAs in the Hepatitis B Virus Infection and Related Diseases. <i>Viruses</i> , 2013, 5, 2690-2703.	1.5	29
255	Neutral Sphingomyelinase 2 (nSMase2)-dependent Exosomal Transfer of Angiogenic MicroRNAs Regulate Cancer Cell Metastasis. <i>Journal of Biological Chemistry</i> , 2013, 288, 10849-10859.	1.6	629
256	RNAi Therapeutic Platforms for Lung Diseases. <i>Pharmaceuticals</i> , 2013, 6, 223-250.	1.7	78
257	Electrokinetic Evaluation of Individual Exosomes by On-Chip Microcapillary Electrophoresis with Laser Dark-Field Microscopy. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 06GK10.	0.8	35
258	RNAi Therapeutics and Applications of MicroRNAs in Cancer Treatment. <i>Japanese Journal of Clinical Oncology</i> , 2013, 43, 596-607.	0.6	54
259	A novel platform to enable inhaled naked RNAi medicine for lung cancer. <i>Scientific Reports</i> , 2013, 3, 3325.	1.6	44
260	Trash or Treasure: extracellular microRNAs and cell-to-cell communication. <i>Frontiers in Genetics</i> , 2013, 4, 173.	1.1	144
261	Ribophorin II regulates breast tumor initiation and metastasis through the functional suppression of GSK3 β . <i>Scientific Reports</i> , 2013, 3, 2474.	1.6	44
262	Comparative marker analysis of extracellular vesicles in different human cancer types. <i>Journal of Extracellular Vesicles</i> , 2013, 2, .	5.5	321
263	Three-Dimensional Culture of Fetal Mouse, Rat, and Porcine Hepatocytes. , 2013, , 47-63.		1
264	Cancer Stem Cells of Sarcoma. , 2013, , 23-78.		2
265	Cancer-related microRNAs and their role as tumor suppressors and oncogenes in hepatocellular carcinoma. <i>Histology and Histopathology</i> , 2013, 28, 437-51.	0.5	45
266	Potential applications of miRNAs as diagnostic and prognostic markers in liver cancer. <i>Frontiers in Bioscience - Landmark</i> , 2013, 18, 199.	3.0	34
267	Inhibition of Stabilin-2 elevates circulating hyaluronic acid levels and prevents tumor metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4263-4268.	3.3	82
268	Two distinct knockout approaches highlight a critical role for p53 in rat development. <i>Scientific Reports</i> , 2012, 2, 945.	1.6	16
269	A label-free electrical detection of exosomal microRNAs using microelectrode array. <i>Chemical Communications</i> , 2012, 48, 11942.	2.2	58
270	Effects of adipose-derived mesenchymal cells on ischemiaâ€“reperfusion injury in kidney. <i>Clinical and Experimental Nephrology</i> , 2012, 16, 679-689.	0.7	55

#	ARTICLE	IF	CITATIONS
271	Competitive Interactions of Cancer Cells and Normal Cells via Secretory MicroRNAs. <i>Journal of Biological Chemistry</i> , 2012, 287, 1397-1405.	1.6	237
272	Stilbene derivatives promote Ago2-dependent tumour-suppressive microRNA activity. <i>Scientific Reports</i> , 2012, 2, 314.	1.6	116
273	Comprehensive miRNA Expression Analysis in Peripheral Blood Can Diagnose Liver Disease. <i>PLoS ONE</i> , 2012, 7, e48366.	1.1	149
274	Regenerative Cells for Transplantation in Hepatic Failure. <i>Cell Transplantation</i> , 2012, 21, 387-399.	1.2	15
275	Breast Cancer Stem Cell: Translating to the Clinic. , 2012, , 249-257.		1
276	Efficacy of a Novel Class of RNA Interference Therapeutic Agents. <i>PLoS ONE</i> , 2012, 7, e42655.	1.1	31
277	Induced pluripotent stem cell-derived hepatocytes as an alternative to human adult hepatocytes. <i>Journal of Stem Cells</i> , 2012, 7, 1-17.	1.0	14
278	MicroRNA-143 Regulates Human Osteosarcoma Metastasis by Regulating Matrix Metalloprotease-13 Expression. <i>Molecular Therapy</i> , 2011, 19, 1123-1130.	3.7	240
279	The Progression of Liver Fibrosis Is Related with Overexpression of the miR-199 and 200 Families. <i>PLoS ONE</i> , 2011, 6, e16081.	1.1	248
280	Gene-manipulated embryonic stem cells for rat transgenesis. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 1911-1915.	2.4	13
281	An integrative genomic analysis revealed the relevance of microRNA and gene expression for drug-resistance in human breast cancer cells. <i>Molecular Cancer</i> , 2011, 10, 135.	7.9	90
282	miR-22 represses cancer progression by inducing cellular senescence. <i>Journal of Cell Biology</i> , 2011, 193, 409-424.	2.3	272
283	Cancer Stem Cells in Breast Cancer. <i>Cancers</i> , 2011, 3, 1311-1328.	1.7	18
284	Unraveling the Mystery of Cancer by Secretory microRNA: Horizontal microRNA Transfer between Living Cells. <i>Frontiers in Genetics</i> , 2011, 2, 97.	1.1	50
285	RNA Interference. , 2011, , 3313-3315.		1
286	Secretory microRNA as a novel diagnostic marker. <i>Drug Delivery System</i> , 2011, 26, 10-14.	0.0	0
287	Stem Cells for Hepatic Regeneration: The Role of Adipose Tissue Derived Mesenchymal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2010, 5, 182-189.	0.6	77
288	Enhanced effects of secreted soluble factor preserve better pluripotent state of embryonic stem cell culture in a membrane-based compartmentalized micro-bioreactor. <i>Biomedical Microdevices</i> , 2010, 12, 1097-1105.	1.4	7

#	ARTICLE	IF	CITATIONS
289	microRNA as a new immune-regulatory agent in breast milk. <i>Silence: A Journal of RNA Regulation</i> , 2010, 1, 7.	8.0	484
290	Circulating microRNA in body fluid: a new potential biomarker for cancer diagnosis and prognosis. <i>Cancer Science</i> , 2010, 101, 2087-2092.	1.7	1,180
291	Delivery of small interfering RNA with a synthetic collagen poly(Pro-Hyp-Gly) for gene silencing <i>in vitro</i> and <i>in vivo</i> . <i>Development Growth and Differentiation</i> , 2010, 52, 693-699.	0.6	7
292	Transplantation of a fetal liver cell-loaded hyaluronic acid sponge onto the mesentery recovers a Wilson's disease model rat. <i>Journal of Biochemistry</i> , 2010, 148, 281-288.	0.9	26
293	Secretory microRNAs as a versatile communication tool. <i>Communicative and Integrative Biology</i> , 2010, 3, 478-481.	0.6	132
294	Systemic Delivery of Synthetic MicroRNA-16 Inhibits the Growth of Metastatic Prostate Tumors via Downregulation of Multiple Cell-cycle Genes. <i>Molecular Therapy</i> , 2010, 18, 181-187.	3.7	399
295	Secretory Mechanisms and Intercellular Transfer of MicroRNAs in Living Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 17442-17452.	1.6	1,657
296	Generation of genetically modified rats from embryonic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14223-14228.	3.3	99
297	Establishment of Embryonic Stem Cells from Rat Blastocysts. <i>Methods in Molecular Biology</i> , 2010, 597, 169-177.	0.4	15
298	Commitment of stem cells into functional hepatocytes. <i>Differentiation</i> , 2010, 79, 65-73.	1.0	60
299	Pleiotropic function of FGF4: Its role in development and stem cells. <i>Developmental Dynamics</i> , 2009, 238, 265-276.	0.8	37
300	Rapid hepatic fate specification of adipose-derived stem cells and their therapeutic potential for liver failure. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2009, 24, 70-77.	1.4	238
301	MicroRNA-500 as a potential diagnostic marker for hepatocellular carcinoma. <i>Biomarkers</i> , 2009, 14, 529-538.	0.9	204
302	A Mouse Model of Inducible Liver Injury Caused by Tet-On Regulated Urokinase for Studies of Hepatocyte Transplantation. <i>American Journal of Pathology</i> , 2009, 175, 1975-1983.	1.9	22
303	Local and Systemic Delivery of siRNAs for Oligonucleotides Therapy. <i>Methods in Molecular Biology</i> , 2009, 487, 1-10.	0.4	10
304	IFATS Collection: In Vivo Therapeutic Potential of Human Adipose Tissue Mesenchymal Stem Cells After Transplantation into Mice with Liver Injury. <i>Stem Cells</i> , 2008, 26, 2705-2712.	1.4	277
305	A comparative analysis of the transcriptome and signal pathways in hepatic differentiation of human adipose mesenchymal stem cells. <i>FEBS Journal</i> , 2008, 275, 1260-1273.	2.2	64
306	RPN2 gene confers docetaxel resistance in breast cancer. <i>Nature Medicine</i> , 2008, 14, 939-948.	15.2	150

#	ARTICLE	IF	CITATIONS
307	Glutathione S-transferase Pi mediates proliferation of androgen-independent prostate cancer cells. <i>Carcinogenesis</i> , 2008, 29, 1134-1138.	1.3	43
308	Pancreatic Endocrine and Exocrine Cell Ontogeny From Renal Capsuleâ€“transplanted Embryonic Stem Cells in Streptozocin-injured Mice. <i>Journal of Histochemistry and Cytochemistry</i> , 2008, 56, 33-44.	1.3	8
309	Letter from the Guest Editor. <i>Cell Adhesion and Migration</i> , 2008, 2, 184-185.	1.1	0
310	Tissue Array Substratum Composed of Histological Sections: A New Platform for Orienting Differentiation of Embryonic Stem Cells Towards Hepatic Lineage. <i>Tissue Engineering - Part A</i> , 2008, 14, 267-274.	1.6	5
311	Optical imaging of RNAi-mediated silencing of cancer. , 2008, , .		0
312	Establishment of Rat Embryonic Stem Cells and Making of Chimera Rats. <i>PLoS ONE</i> , 2008, 3, e2800.	1.1	62
313	Atelocollagen-mediated drug discovery technology. <i>Expert Opinion on Drug Discovery</i> , 2007, 2, 159-167.	2.5	4
314	Stem cell plasticity: Learning from hepatogenic differentiation strategies. <i>Developmental Dynamics</i> , 2007, 236, 3228-3241.	0.8	57
315	Adipose tissue-derived mesenchymal stem cells as a source of human hepatocytes. <i>Hepatology</i> , 2007, 46, 219-228.	3.6	497
316	Intratumor injection of small interfering RNA-targeting human papillomavirus 18 E6 and E7 successfully inhibits the growth of cervical cancer. <i>International Journal of Oncology</i> , 2006, 29, 541.	1.4	21
317	Therapeutic potential of RNA interference against cancer. <i>Cancer Science</i> , 2006, 97, 689-696.	1.7	220
318	Atelocollagen-Mediated Systemic DDS for Nucleic Acid Medicines. <i>Annals of the New York Academy of Sciences</i> , 2006, 1082, 9-17.	1.8	35
319	A Photon Counting Technique for Quantitatively Evaluating Progression of Peritoneal Tumor Dissemination. <i>Cancer Research</i> , 2006, 66, 7532-7539.	0.4	52
320	FGFâ€“4 regulates neural progenitor cell proliferation and neuronal differentiation. <i>FASEB Journal</i> , 2006, 20, 1484-1485.	0.2	52
321	â€œStem Cells into Liverâ€“ Basic Research and Potential Clinical Applications. , 2006, 585, 3-17.		9
322	Long-Term Maintenance of Liver-Specific Functions in Cultured ES Cell-Derived Hepatocytes with Hyaluronan Sponge. <i>Cell Transplantation</i> , 2005, 14, 629-635.	1.2	19
323	Direct hepatic fate specification from mouse embryonic stem cells. <i>Hepatology</i> , 2005, 41, 836-846.	3.6	157
324	Recapitulation of in vivo gene expression during hepatic differentiation from murine embryonic stem cells. <i>Hepatology</i> , 2005, 42, 558-567.	3.6	37

#	ARTICLE	IF	CITATIONS
325	Gene expression profiling of cerebellar development with high-throughput functional analysis. <i>Physiological Genomics</i> , 2005, 22, 8-13.	1.0	16
326	Efficient delivery of small interfering RNA to bone-metastatic tumors by using atelocollagen in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12177-12182.	3.3	359
327	Atelocollagen-mediated synthetic small interfering RNA delivery for effective gene silencing in vitro and in vivo. <i>Nucleic Acids Research</i> , 2004, 32, e109-e109.	6.5	303
328	Potential of Atelocollagen-Mediated Systemic Antisense Therapeutics for Inflammatory Disease. <i>Human Gene Therapy</i> , 2004, 15, 263-272.	1.4	32
329	HST-1/FGF-4 plays a critical role in crypt cell survival and facilitates epithelial cell restitution and proliferation. <i>Oncogene</i> , 2004, 23, 3681-3688.	2.6	22
330	HST-1/FGF-4 protects male germ cells from apoptosis under heat-stress condition. <i>Experimental Cell Research</i> , 2004, 294, 77-85.	1.2	28
331	The Role of Atelocollagen-Based Cell Transfection Array in High- Throughput Screening of Gene Functions and in Drug Discovery. <i>Current Drug Discovery Technologies</i> , 2004, 1, 287-294.	0.6	10
332	Differentiation of embryonic stem cells into hepatocytes: Biological functions and therapeutic application. <i>Hepatology</i> , 2003, 37, 983-993.	3.6	197
333	Atelocollagen for protein and gene delivery. <i>Advanced Drug Delivery Reviews</i> , 2003, 55, 1651-1677.	6.6	178
334	Antisense oligodeoxynucleotide against HST-1/FGF-4 suppresses tumorigenicity of an orthotopic model for human germ cell tumor in nude mice. <i>Journal of Gene Medicine</i> , 2003, 5, 951-957.	1.4	24
335	HST-1/FGF-4 gene activation induces spermatogenesis and prevents adriamycin-induced testicular toxicity. <i>Oncogene</i> , 2002, 21, 899-908.	2.6	29
336	Atelocollagen-Based Gene Transfer in Cells Allows High-Throughput Screening of Gene Functions. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 1075-1081.	1.0	88
337	Biomaterials for Gene Delivery Atelocollagen-mediated Controlled Release of Molecular Medicines. <i>Current Gene Therapy</i> , 2001, 1, 31-52.	0.9	137
338	[28] Antisense approaches to in vitro organ culture. <i>Methods in Enzymology</i> , 2000, 314, 401-411.	0.4	3
339	Detection of spatial localization of Hst-1/Fgf-4 gene expression in brain and testis from adult mice. <i>Oncogene</i> , 2000, 19, 3805-3810.	2.6	37
340	Mouse flt-1 Promoter Directs Endothelial-Specific Expression in the Embryoid Body Model of Embryogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2000, 276, 1089-1099.	1.0	17
341	New delivery system for plasmid DNA in vivo using atelocollagen as a carrier material: the Minipellet. <i>Nature Medicine</i> , 1999, 5, 707-710.	15.2	240
342	Molecular cloning and functional analysis of cDNA encoding a rat leukemia inhibitory factor: towards generation of pluripotent rat embryonic stem cells. <i>Oncogene</i> , 1998, 16, 3189-3196.	2.6	23

#	ARTICLE	IF	CITATIONS
343	Tissue Array Substratum Composed of Histological Sections: A New Platform for Orienting Differentiation of Embryonic Stem Cells Towards Hepatic Lineage. Tissue Engineering, 0, , 110306233438005.	4.9	0