Su Chul Jang

List of Publications by Year
in descending order

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37	5,313	126907	345221
papers	citations	33 h-index	36 g-index

39	39	39	8044
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioinspired Exosome-Mimetic Nanovesicles for Targeted Delivery of Chemotherapeutics to Malignant Tumors. ACS Nano, 2013, 7, 7698-7710.	14.6	768
2	EVpedia: an integrated database of highâ€throughput data for systemic analyses of extracellular vesicles. Journal of Extracellular Vesicles, 2013, 2, .	12.2	401
3	Detailed analysis of the plasma extracellular vesicle proteome after separation from lipoproteins. Cellular and Molecular Life Sciences, 2018, 75, 2873-2886.	5.4	368
4	Microfluidic filtration system to isolate extracellular vesicles from blood. Lab on A Chip, 2012, 12, 5202.	6.0	325
5	EVpedia: a community web portal for extracellular vesicles research. Bioinformatics, 2015, 31, 933-939.	4.1	317
6	Large oncosomes contain distinct protein cargo and represent a separate functional class of tumor-derived extracellular vesicles. Oncotarget, 2015, 6, 11327-11341.	1.8	289
7	RNAi delivery by exosome-mimetic nanovesicles â€“ Implications for targeting c-Myc in cancer. Biomaterials, 2016, 102, 231-238.	11.4	188
8	Noninvasive imaging of radiolabeled exosome-mimetic nanovesicle using 99mTc-HMPAO. Scientific Reports, 2015, 5, 15636.	3.3	186
9	Small RNA deep sequencing discriminates subsets of extracellular vesicles released by melanoma cells â€“ Evidence of unique microRNA cargos. RNA Biology, 2015, 12, 810-823.	3.1	164
10	A versatile platform for generating engineered extracellular vesicles with defined therapeutic properties. Molecular Therapy, 2021, 29, 1729-1743.	8.2	152
11	Proteomic analysis of microvesicles derived from human colorectal cancer ascites. Proteomics, 2011, 11, 2745-2751.	2.2	147
12	Gut microbe-derived extracellular vesicles induce insulin resistance, thereby impairing glucose metabolism in skeletal muscle. Scientific Reports, 2015, 5, 15878.	3.3	140
13	Subpopulations of extracellular vesicles and their therapeutic potential. Molecular Aspects of Medicine, 2018, 60, 1-14.	6.4	139
14	Subpopulations of extracellular vesicles from human metastatic melanoma tissue identified by quantitative proteomics after optimized isolation. Journal of Extracellular Vesicles, 2020, 9, 1722433.	12.2	130
15	DNA analysis of lowâ€and highâ€density fractions defines heterogeneous subpopulations of small extracellular vesicles based on their DNA cargo and topology. Journal of Extracellular Vesicles, 2019, 8, 1656993.	12.2	126
16	In vivo Kinetic Biodistribution of Nano-Sized Outer Membrane Vesicles Derived from Bacteria. Small, 2015, 11, 456-461.	10.0	118
17	Detailed Analysis of Protein Topology of Extracellular Vesiclesâ€“Evidence of Unconventional Membrane Protein Orientation. Scientific Reports, 2016, 6, 36338.	3.3	118
18	Microfluidic fabrication of cell-derived nanovesicles as endogenous RNA carriers. Lab on A Chip, 2014, 14, 1261-1269.	6.0	116

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19	Endosomal signalling via exosome surface TGFÎ²â€1. Journal of Extracellular Vesicles, 2019, 8, 1650458.	12.2	112
20	Quantitative proteomics of extracellular vesicles derived from human primary and metastatic colorectal cancer cells. Journal of Extracellular Vesicles, 2012, 1, .	12.2	108
21	Mitochondrial protein enriched extracellular vesicles discovered in human melanoma tissues can be detected in patient plasma. Journal of Extracellular Vesicles, 2019, 8, 1635420.	12.2	104
22	Exosome-mediated genetic reprogramming of tumor-associated macrophages by exoASO-STAT6 leads to potent monotherapy antitumor activity. Science Advances, 2022, 8, eabj7002.	10.3	95
23	Mesenchymal stromal cell-derived nanovesicles ameliorate bacterial outer membrane vesicle-induced sepsis via IL-10. Stem Cell Research and Therapy, 2019, 10, 231.	5.5	83
24	Bacterial Protoplast-Derived Nanovesicles as Vaccine Delivery System against Bacterial Infection. Nano Letters, 2015, 15, 266-274.	9.1	80
25	Pulmonary Inflammation Induced by Bacteria-Free Outer Membrane Vesicles from Pseudomonas aeruginosa. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 637-645.	2.9	75
26	ExoSTING, an extracellular vesicle loaded with STING agonists, promotes tumor immune surveillance. Communications Biology, 2021, 4, 497.	4.4	73
27	The Protein Interaction Network of Extracellular Vesicles Derived from Human Colorectal Cancer Cells. Journal of Proteome Research, 2012, 11, 1144-1151.	3.7	66
28	Therapeutic Effects of Autologous Tumor-Derived Nanovesicles on Melanoma Growth and Metastasis. PLoS ONE, 2012, 7, e33330.	2.5	58
29	Exosome Surface Display of IL12 Results in Tumor-Retained Pharmacology with Superior Potency and Limited Systemic Exposure Compared with Recombinant IL12. Molecular Cancer Therapeutics, 2021, 20, 523-534.	4.1	50
30	Distinct prostate cancer-related mRNA cargo in extracellular vesicle subsets from prostate cell lines. BMC Cancer, 2017, 17, 92.	2.6	45
31	Escherichia coli outer membrane vesicles can contribute to sepsis induced cardiac dysfunction. Scientific Reports, 2017, 7, 17434.	3.3	44
32	Could bioengineered exosome-mimetic nanovesicles be an efficient strategy for the delivery of chemotherapeutics?. Nanomedicine, 2014, 9, 177-180.	3.3	39
33	Pediatric brain tumor cells release exosomes with a miRNA repertoire that differs from exosomes secreted by normal cells. Oncotarget, 2017, 8, 90164-90175.	1.8	39
34	Human mast cells release extracellular vesicle-associated DNA.. Matters, 0, , .	1.0	15
35	In vivo tracking of [89Zr]Zr-labeled engineered extracellular vesicles by PET reveals organ-specific biodistribution based upon the route of administration. Nuclear Medicine and Biology, 2022, 112-113, 20-30.	0.6	12
36	Abstract 944: exoSTING: An engineered exosome therapeutic that selectively delivers STING agonist to the tumor resident antigen-presenting cells resulting in improved tumor antigen-specific adaptive immune response. Cancer Research, 2019, 79, 944-944.	0.9	9

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37	Outer Membrane Vesicles: In vivo Kinetic Biodistribution of Nano-Sized Outer Membrane Vesicles Derived from Bacteria (Small 4/2015). Small, 2015, 11, 386-386.	10.0	0