

Su Chul Jang

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

5,313
citations

126708

33
h-index

344852

36
g-index

39
all docs

39
docs citations

39
times ranked

8044
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioinspired Exosome-Mimetic Nanovesicles for Targeted Delivery of Chemotherapeutics to Malignant Tumors. <i>ACS Nano</i> , 2013, 7, 7698-7710.	7.3	768
2	EVpedia: an integrated database of high-throughput data for systemic analyses of extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2013, 2, .	5.5	401
3	Detailed analysis of the plasma extracellular vesicle proteome after separation from lipoproteins. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 2873-2886.	2.4	368
4	Microfluidic filtration system to isolate extracellular vesicles from blood. <i>Lab on A Chip</i> , 2012, 12, 5202.	3.1	325
5	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015, 31, 933-939.	1.8	317
6	Large oncosomes contain distinct protein cargo and represent a separate functional class of tumor-derived extracellular vesicles. <i>Oncotarget</i> , 2015, 6, 11327-11341.	0.8	289
7	RNAi delivery by exosome-mimetic nanovesicles – Implications for targeting c-Myc in cancer. <i>Biomaterials</i> , 2016, 102, 231-238.	5.7	188
8	Noninvasive imaging of radiolabeled exosome-mimetic nanovesicle using 99mTc-HMPAO. <i>Scientific Reports</i> , 2015, 5, 15636.	1.6	186
9	Small RNA deep sequencing discriminates subsets of extracellular vesicles released by melanoma cells – Evidence of unique microRNA cargos. <i>RNA Biology</i> , 2015, 12, 810-823.	1.5	164
10	A versatile platform for generating engineered extracellular vesicles with defined therapeutic properties. <i>Molecular Therapy</i> , 2021, 29, 1729-1743.	3.7	152
11	Proteomic analysis of microvesicles derived from human colorectal cancer ascites. <i>Proteomics</i> , 2011, 11, 2745-2751.	1.3	147
12	Gut microbe-derived extracellular vesicles induce insulin resistance, thereby impairing glucose metabolism in skeletal muscle. <i>Scientific Reports</i> , 2015, 5, 15878.	1.6	140
13	Subpopulations of extracellular vesicles and their therapeutic potential. <i>Molecular Aspects of Medicine</i> , 2018, 60, 1-14.	2.7	139
14	Subpopulations of extracellular vesicles from human metastatic melanoma tissue identified by quantitative proteomics after optimized isolation. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1722433.	5.5	130
15	DNA analysis of low- and high-density fractions defines heterogeneous subpopulations of small extracellular vesicles based on their DNA cargo and topology. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1656993.	5.5	126
16	In vivo Kinetic Biodistribution of Nano-Sized Outer Membrane Vesicles Derived from Bacteria. <i>Small</i> , 2015, 11, 456-461.	5.2	118
17	Detailed Analysis of Protein Topology of Extracellular Vesicles – Evidence of Unconventional Membrane Protein Orientation. <i>Scientific Reports</i> , 2016, 6, 36338.	1.6	118
18	Microfluidic fabrication of cell-derived nanovesicles as endogenous RNA carriers. <i>Lab on A Chip</i> , 2014, 14, 1261-1269.	3.1	116

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19	Endosomal signalling via exosome surface TGF β 1. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1650458.	5.5	112
20	Quantitative proteomics of extracellular vesicles derived from human primary and metastatic colorectal cancer cells. <i>Journal of Extracellular Vesicles</i> , 2012, 1, .	5.5	108
21	Mitochondrial protein enriched extracellular vesicles discovered in human melanoma tissues can be detected in patient plasma. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1635420.	5.5	104
22	Exosome-mediated genetic reprogramming of tumor-associated macrophages by exoASO-STAT6 leads to potent monotherapy antitumor activity. <i>Science Advances</i> , 2022, 8, eabj7002.	4.7	95
23	Mesenchymal stromal cell-derived nanovesicles ameliorate bacterial outer membrane vesicle-induced sepsis via IL-10. <i>Stem Cell Research and Therapy</i> , 2019, 10, 231.	2.4	83
24	Bacterial Protoplast-Derived Nanovesicles as Vaccine Delivery System against Bacterial Infection. <i>Nano Letters</i> , 2015, 15, 266-274.	4.5	80
25	Pulmonary Inflammation Induced by Bacteria-Free Outer Membrane Vesicles from <i>Pseudomonas aeruginosa</i> . <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 637-645.	1.4	75
26	ExoSTING, an extracellular vesicle loaded with STING agonists, promotes tumor immune surveillance. <i>Communications Biology</i> , 2021, 4, 497.	2.0	73
27	The Protein Interaction Network of Extracellular Vesicles Derived from Human Colorectal Cancer Cells. <i>Journal of Proteome Research</i> , 2012, 11, 1144-1151.	1.8	66
28	Therapeutic Effects of Autologous Tumor-Derived Nanovesicles on Melanoma Growth and Metastasis. <i>PLoS ONE</i> , 2012, 7, e33330.	1.1	58
29	Exosome Surface Display of IL12 Results in Tumor-Retained Pharmacology with Superior Potency and Limited Systemic Exposure Compared with Recombinant IL12. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 523-534.	1.9	50
30	Distinct prostate cancer-related mRNA cargo in extracellular vesicle subsets from prostate cell lines. <i>BMC Cancer</i> , 2017, 17, 92.	1.1	45
31	<i>Escherichia coli</i> outer membrane vesicles can contribute to sepsis induced cardiac dysfunction. <i>Scientific Reports</i> , 2017, 7, 17434.	1.6	44
32	Could bioengineered exosome-mimetic nanovesicles be an efficient strategy for the delivery of chemotherapeutics?. <i>Nanomedicine</i> , 2014, 9, 177-180.	1.7	39
33	Pediatric brain tumor cells release exosomes with a miRNA repertoire that differs from exosomes secreted by normal cells. <i>Oncotarget</i> , 2017, 8, 90164-90175.	0.8	39
34	Human mast cells release extracellular vesicle-associated DNA. <i>Matters</i> , 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. <i>Nuclear Medicine and Biology</i> , 2022, 112-113, 20-30.	0.3	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. <i>Cancer Research</i> , 2019, 79, 944-944.	0.4	9

#	ARTICLE	IF	CITATIONS
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.	5.2	0