Dong-Sic Choi

List of Publications by Year
in descending order

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41 papers	5,947 citations	186209 28 h-index	254106 43 g-index
46 all docs	46 docs citations	46 times ranked	9347 citing authors

#	Article	IF	Citations
1	Bioinspired Exosome-Mimetic Nanovesicles for Targeted Delivery of Chemotherapeutics to Malignant Tumors. ACS Nano, 2013, 7, 7698-7710.	7.3	768
2	A reference map of the human binary protein interactome. Nature, 2020, 580, 402-408.	13.7	724
3	Proteomics, transcriptomics and lipidomics of exosomes and ectosomes. Proteomics, 2013, 13, 1554-1571.	1.3	416
4	EVpedia: an integrated database of highâ€throughput data for systemic analyses of extracellular vesicles. Journal of Extracellular Vesicles, 2013, 2, .	5.5	401
5	Colorectal cancer cell-derived microvesicles are enriched in cell cycle-related mRNAs that promote proliferation of endothelial cells. BMC Genomics, 2009, 10, 556.	1.2	361
6	Global proteomic profiling of native outer membrane vesicles derived from Escherichia coli. Proteomics, 2007, 7, 3143-3153.	1.3	352
7	Proteomics of extracellular vesicles: Exosomes and ectosomes. Mass Spectrometry Reviews, 2015, 34, 474-490.	2.8	336
8	EVpedia: a community web portal for extracellular vesicles research. Bioinformatics, 2015, 31, 933-939.	1.8	317
9	Proteomics in gramâ€negative bacterial outer membrane vesicles. Mass Spectrometry Reviews, 2008, 27, 535-555.	2.8	288
10	Proteomic analysis of outer membrane vesicles derived from Pseudomonas aeruginosa. Proteomics, 2011, 11, 3424-3429.	1.3	209
11	Proteomic Analysis of Microvesicles Derived from Human Colorectal Cancer Cells. Journal of Proteome Research, 2007, 6, 4646-4655.	1.8	176
12	Mapping Subpopulations of Cancer Cell-Derived Extracellular Vesicles and Particles by Nano-Flow Cytometry. ACS Nano, 2019, 13, 10499-10511.	7.3	148
13	Proteomic analysis of microvesicles derived from human colorectal cancer ascites. Proteomics, 2011, 11, 2745-2751.	1.3	147
14	In vivo Kinetic Biodistribution of Nano-Sized Outer Membrane Vesicles Derived from Bacteria. Small, 2015, 11, 456-461.	5.2	118
15	The Impact of Oncogenic EGFRvIII on the Proteome of Extracellular Vesicles Released from Glioblastoma Cells. Molecular and Cellular Proteomics, 2018, 17, 1948-1964.	2.5	116
16	Quantitative proteomics of extracellular vesicles derived from human primary and metastatic colorectal cancer cells. Journal of Extracellular Vesicles, 2012, 1, .	5.5	108
17	Extracellular vesicle communication pathways as regulatory targets of oncogenic transformation. Seminars in Cell and Developmental Biology, 2017, 67, 11-22.	2.3	105
18	Proteomic analysis of extracellular vesicles derived from Mycobacterium tuberculosis. Proteomics, 2015, 15, 3331-3337.	1.3	90

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19	Identification and characterization of proteins isolated from microvesicles derived from human lung cancer pleural effusions. Proteomics, 2013, 13, 2125-2134.	1.3	84
20	MicroRNA in exosomes isolated directly from the liver circulation in patients with metastatic uveal melanoma. BMC Cancer, 2014, 14, 962.	1.1	83
21	The Protein Interaction Network of Extracellular Vesicles Derived from Human Colorectal Cancer Cells. Journal of Proteome Research, 2012, 11, 1144-1151.	1.8	66
22	Circulating Extracellular Vesicles in Cancer Diagnosis and Monitoring. Molecular Diagnosis and Therapy, 2013, 17, 265-271.	1.6	51
23	Leukocytes as a reservoir of circulating oncogenic DNA and regulatory targets of tumorâ€derived extracellular vesicles. Journal of Thrombosis and Haemostasis, 2018, 16, 1800-1813.	1.9	49
24	Molecular subtypes and differentiation programmes of glioma stem cells as determinants of extracellular vesicle profiles and endothelial cellâ€stimulating activities. Journal of Extracellular Vesicles, 2018, 7, 1490144.	5.5	49
25	Extracellular Vesicles as Conduits of Non-Coding RNA Emission and Intercellular Transfer in Brain Tumors. Non-coding RNA, 2019, 5, 1.	1.3	48
26	Glioblastoma cell populations with distinct oncogenic programs release podoplanin as procoagulant extracellular vesicles. Blood Advances, 2021, 5, 1682-1694.	2.5	46
27	Extracellular Vesicleâ€“Mimetic Ghost Nanovesicles for Delivering Antiâ€Inflammatory Drugs to Mitigate Gramâ€Negative Bacterial Outer Membrane Vesicleâ€“Induced Systemic Inflammatory Response Syndrome. Advanced Healthcare Materials, 2019, 8, e1801082.	3.9	45
28	Human multipotent mesenchymal stromal cells cytokine priming promotes RAB27B-regulated secretion of small extracellular vesicles with immunomodulatory cargo. Stem Cell Research and Therapy, 2020, 11, 539.	2.4	40
29	Oncogenic Regulation of Extracellular Vesicle Proteome and Heterogeneity. Proteomics, 2019, 19, e1800169.	1.3	27
30	Quantitative proteomic analysis of trypsinâ€treated extracellular vesicles to identify the realâ€vesicular proteins. Journal of Extracellular Vesicles, 2020, 9, 1757209.	5.5	27
31	Isolation of Extracellular Vesicles for Proteomic Profiling. Methods in Molecular Biology, 2015, 1295, 167-177.	0.4	21
32	Extracellular vesicles from genetically unstable, oncogene-driven cancer cells trigger micronuclei formation in endothelial cells. Scientific Reports, 2020, 10, 8532.	1.6	18
33	Oncogenic RAS drives the CRAFâ€dependent extracellular vesicle uptake mechanism coupled with metastasis. Journal of Extracellular Vesicles, 2021, 10, e12091.	5.5	15
34	Urinary extracellular vesicles for biomarker source to monitor polycystic kidney disease. Proteomics - Clinical Applications, 2015, 9, 447-448.	0.8	12
35	Isolation of Extracellular Vesicles for Proteomic Profiling. Methods in Molecular Biology, 2021, 2261, 193-206.	0.4	11
36	Aspirin attenuates the anti-inflammatory effects of theophylline via inhibition of cAMP production in mice with non-eosinophilic asthma. Experimental and Molecular Medicine, 2010, 42, 47.	3.2	10

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37	Acetyl salicylic acid inhibits Th17 airway inflammation via blockade of IL-6 and IL-17 positive feedback. Experimental and Molecular Medicine, 2013, 45, e5-e5.	3.2	10
38	Trastuzumab-induced upregulation of a protein set in extracellular vesicles emitted by ErbB2-positive breast cancer cells correlates with their trastuzumab sensitivity. Breast Cancer Research, 2020, 22, 105.	2.2	10
39	Proteomic Assessment of Extracellular Vesicles from Canine Tissue Explants as a Pipeline to Identify Molecular Targets in Osteosarcoma: PSMD14/Rpn11 as a Proof of Principle. International Journal of Molecular Sciences, 2022, 23, 3256.	1.8	6
40	Extracellular Vesicle Mediated Vascular Pathology in Glioblastoma. Sub-Cellular Biochemistry, 2021, 97, 247-273.	1.0	5
41	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