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	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
2	Extracellular Vesicle Mediated Vascular Pathology in Glioblastoma. Sub-Cellular Biochemistry, 2021, 97, 247-273.	1.0	5
3	Isolation of Extracellular Vesicles for Proteomic Profiling. Methods in Molecular Biology, 2021, 2261, 193-206.	0.4	11
4	Glioblastoma cell populations with distinct oncogenic programs release podoplanin as procoagulant extracellular vesicles. Blood Advances, 2021, 5, 1682-1694.	2.5	46
5	Oncogenic RAS drives the CRAFâ€dependent extracellular vesicle uptake mechanism coupled with metastasis. Journal of Extracellular Vesicles, 2021, 10, e12091.	5.5	15
6	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
7	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
8	Quantitative proteomic analysis of trypsinâ€treated extracellular vesicles to identify the realâ€vesicular proteins. Journal of Extracellular Vesicles, 2020, 9, 1757209.	5.5	27
9	Extracellular vesicles from genetically unstable, oncogene-driven cancer cells trigger micronuclei formation in endothelial cells. Scientific Reports, 2020, 10, 8532.	1.6	18
10	A reference map of the human binary protein interactome. Nature, 2020, 580, 402-408.	13.7	724
11	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
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	Extracellular Vesicles as Conduits of Non-Coding RNA Emission and Intercellular Transfer in Brain Tumors. Non-coding RNA, 2019, 5, 1.	1.3	48
14	Oncogenic Regulation of Extracellular Vesicle Proteome and Heterogeneity. Proteomics, 2019, 19, e1800169.	1.3	27
15	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
16	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
17	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
18	Extracellular vesicle communication pathways as regulatory targets of oncogenic transformation. Seminars in Cell and Developmental Biology, 2017, 67, 11-22.	2.3	105

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19	Urinary extracellular vesicles for biomarker source to monitor polycystic kidney disease. Proteomics - Clinical Applications, 2015, 9, 447-448.	0.8	12
20	Proteomic analysis of extracellular vesicles derived from Mycobacterium tuberculosis. Proteomics, 2015, 15, 3331-3337.	1.3	90
21	EVpedia: a community web portal for extracellular vesicles research. Bioinformatics, 2015, 31, 933-939.	1.8	317
22	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
23	Proteomics of extracellular vesicles: Exosomes and ectosomes. Mass Spectrometry Reviews, 2015, 34, 474-490.	2.8	336
24	In vivo Kinetic Biodistribution of Nano-Sized Outer Membrane Vesicles Derived from Bacteria. Small, 2015, 11, 456-461.	5.2	118
25	Isolation of Extracellular Vesicles for Proteomic Profiling. Methods in Molecular Biology, 2015, 1295, 167-177.	0.4	21
26	MicroRNA in exosomes isolated directly from the liver circulation in patients with metastatic uveal melanoma. BMC Cancer, 2014, 14, 962.	1.1	83
27	Bioinspired Exosome-Mimetic Nanovesicles for Targeted Delivery of Chemotherapeutics to Malignant Tumors. ACS Nano, 2013, 7, 7698-7710.	7.3	768
28	Identification and characterization of proteins isolated from microvesicles derived from human lung cancer pleural effusions. Proteomics, 2013, 13, 2125-2134.	1.3	84
29	Proteomics, transcriptomics and lipidomics of exosomes and ectosomes. Proteomics, 2013, 13, 1554-1571.	1.3	416
30	Circulating Extracellular Vesicles in Cancer Diagnosis and Monitoring. Molecular Diagnosis and Therapy, 2013, 17, 265-271.	1.6	51
31	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
32	EVpedia: an integrated database of highâ€throughput data for systemic analyses of extracellular vesicles. Journal of Extracellular Vesicles, 2013, 2, .	5.5	401
33	Quantitative proteomics of extracellular vesicles derived from human primary and metastatic colorectal cancer cells. Journal of Extracellular Vesicles, 2012, 1, .	5.5	108
34	The Protein Interaction Network of Extracellular Vesicles Derived from Human Colorectal Cancer Cells. Journal of Proteome Research, 2012, 11, 1144-1151.	1.8	66
35	Proteomic analysis of outer membrane vesicles derived from Pseudomonas aeruginosa. Proteomics, 2011, 11, 3424-3429.	1.3	209
36	Proteomic analysis of microvesicles derived from human colorectal cancer ascites. Proteomics, 2011, 11, 2745-2751.	1.3	147

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37	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
38	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
39	Proteomics in gramâ€negative bacterial outer membrane vesicles. Mass Spectrometry Reviews, 2008, 27, 535-555.	2.8	288
40	Proteomic Analysis of Microvesicles Derived from Human Colorectal Cancer Cells. Journal of Proteome Research, 2007, 6, 4646-4655.	1.8	176
41	Global proteomic profiling of native outer membrane vesicles derived from Escherichia coli. Proteomics, 2007, 7, 3143-3153.	1.3	352