

Su-Jae Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4322113/publications.pdf>

Version: 2024-02-01

68
papers

2,458
citations

186265

28
h-index

214800

47
g-index

68
all docs

68
docs citations

68
times ranked

3926
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological and medical applications of plasma-activated media, water and solutions. <i>Biological Chemistry</i> , 2018, 400, 39-62.	2.5	227
2	Caspase-Independent Cell Death by Arsenic Trioxide in Human Cervical Cancer Cells. <i>Cancer Research</i> , 2004, 64, 8960-8967.	0.9	181
3	Suppression of Extracellular Signal-related Kinase and Activation of p38 MAPK Are Two Critical Events Leading to Caspase-8- and Mitochondria-mediated Cell Death in Phytosphingosine-treated Human Cancer Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 50624-50634.	3.4	114
4	The role of p38 MAPK and JNK in Arsenic trioxide-induced mitochondrial cell death in human cervical cancer cells. <i>Journal of Cellular Physiology</i> , 2008, 217, 23-33.	4.1	94
5	Plasma and Nanomaterials: Fabrication and Biomedical Applications. <i>Nanomaterials</i> , 2019, 9, 98.	4.1	92
6	Activation of Bak and Bax through c-Abl-Protein Kinase C γ -p38 MAPK Signaling in Response to Ionizing Radiation in Human Non-small Cell Lung Cancer Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 7049-7059.	3.4	83
7	Reactive Oxygen Species-Dependent Activation of Bax and Poly(ADP-ribose) Polymerase-1 Is Required for Mitochondrial Cell Death Induced by Triterpenoid Pristimerin in Human Cervical Cancer Cells. <i>Molecular Pharmacology</i> , 2009, 76, 734-744.	2.3	82
8	Clogging-free microfluidics for continuous size-based separation of microparticles. <i>Scientific Reports</i> , 2016, 6, 26531.	3.3	75
9	Radiation driven epithelial-mesenchymal transition is mediated by Notch signaling in breast cancer. <i>Oncotarget</i> , 2016, 7, 53430-53442.	1.8	64
10	Cold atmospheric plasma and silymarin nanoemulsion synergistically inhibits human melanoma tumorigenesis via targeting HGF/c-MET downstream pathway. <i>Cell Communication and Signaling</i> , 2019, 17, 52.	6.5	58
11	Eckol suppresses maintenance of stemness and malignancies in glioma stem-like cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 254, 32-40.	2.8	57
12	Preventing the Solid Cancer Progression via Release of Anticancer-Cytokines in Co-Culture with Cold Plasma-Stimulated Macrophages. <i>Cancers</i> , 2019, 11, 842.	3.7	56
13	Enhancement of radiation response in human cervical cancer cells in vitro and in vivo by arsenic trioxide (As ₂ O ₃). <i>FEBS Letters</i> , 2002, 519, 195-200.	2.8	55
14	Radiation promotes malignant progression of glioma cells through HIF-1 α stabilization. <i>Cancer Letters</i> , 2014, 354, 132-141.	7.2	53
15	Phloroglucinol suppresses metastatic ability of breast cancer cells by inhibition of epithelial-mesenchymal cell transition. <i>Cancer Science</i> , 2015, 106, 94-101.	3.9	53
16	Isolation of glioma cancer stem cells in relation to histological grades in glioma specimens. <i>Child's Nervous System</i> , 2013, 29, 217-229.	1.1	51
17	Doxycycline Enhances Survival and Self-Renewal of Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2014, 3, 353-364.	4.8	50
18	FYN promotes mesenchymal phenotypes of basal type breast cancer cells through STAT5/NOTCH2 signaling node. <i>Oncogene</i> , 2018, 37, 1857-1868.	5.9	49

#	ARTICLE	IF	CITATIONS
19	Ionizing radiation can overcome resistance to TRAIL in TRAIL-resistant cancer cells. <i>FEBS Letters</i> , 2001, 505, 179-184.	2.8	45
20	The small GTPase Rac1 is involved in the maintenance of stemness and malignancies in glioma stem-like cells. <i>FEBS Letters</i> , 2011, 585, 2331-2338.	2.8	45
21	Importance of PKC δ signaling in fractionated-radiation-induced expansion of glioma-initiating cells and resistance to cancer treatment. <i>Journal of Cell Science</i> , 2011, 124, 3084-3094.	2.0	44
22	Novel anticancer activity of phloroglucinol against breast cancer stem-like cells. <i>Toxicology and Applied Pharmacology</i> , 2015, 286, 143-150.	2.8	43
23	Fractionated radiation-induced nitric oxide promotes expansion of glioma stem-like cells. <i>Cancer Science</i> , 2013, 104, 1172-1177.	3.9	41
24	Proinvasive extracellular matrix remodeling in tumor microenvironment in response to radiation. <i>Oncogene</i> , 2018, 37, 3317-3328.	5.9	38
25	Continuous Separation of Circulating Tumor Cells from Whole Blood Using a Slanted Weir Microfluidic Device. <i>Cancers</i> , 2019, 11, 200.	3.7	36
26	Crosstalk between GBM cells and mesenchymal stemlike cells promotes the invasiveness of GBM through the C5a/p38/ZEB1 axis. <i>Neuro-Oncology</i> , 2020, 22, 1452-1462.	1.2	32
27	Increased in vivo angiogenic effect of glioma stromal mesenchymal stem-like cells on glioma cancer stem cells from patients with glioblastoma. <i>International Journal of Oncology</i> , 2013, 42, 1754-1762.	3.3	30
28	Proinvasive extracellular matrix remodeling for tumor progression. <i>Archives of Pharmacal Research</i> , 2019, 42, 40-47.	6.3	30
29	Functional characterization of P-glycoprotein in the intertidal copepod <i>Tigriopus japonicus</i> and its potential role in remediating metal pollution. <i>Aquatic Toxicology</i> , 2014, 156, 135-147.	4.0	29
30	Hollow hyaluronic acid particles by competition between adhesive and cohesive properties of catechol for anticancer drug carrier. <i>Carbohydrate Polymers</i> , 2017, 164, 309-316.	10.2	28
31	Triterpenoid pristimerin synergizes with taxol to induce cervical cancer cell death through reactive oxygen species-mediated mitochondrial dysfunction. <i>Anti-Cancer Drugs</i> , 2011, 22, 763-773.	1.4	26
32	Existence of glioma stroma mesenchymal stemlike cells in Korean glioma specimens. <i>Child's Nervous System</i> , 2013, 29, 549-563.	1.1	26
33	Melanoma Growth Analysis in Blood Serum and Tissue Using Xenograft Model with Response to Cold Atmospheric Plasma Activated Medium. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4227.	2.5	26
34	Presence of glioma stroma mesenchymal stem cells in a murine orthotopic glioma model. <i>Child's Nervous System</i> , 2011, 27, 911-922.	1.1	24
35	Low-dose radiation decreases tumor progression via the inhibition of the JAK1/STAT3 signaling axis in breast cancer cell lines. <i>Scientific Reports</i> , 2017, 7, 43361.	3.3	21
36	Beneficial effects of low dose radiation in response to the oncogenic KRAS induced cellular transformation. <i>Scientific Reports</i> , 2015, 5, 15809.	3.3	20

#	ARTICLE	IF	CITATIONS
37	Tumor Mesenchymal Stem-Like Cell as a Prognostic Marker in Primary Glioblastoma. <i>Stem Cells International</i> , 2016, 2016, 1-7.	2.5	20
38	Hyaluronic acid synthase 2 promotes malignant phenotypes of colorectal cancer cells through transforming growth factor beta signaling. <i>Cancer Science</i> , 2019, 110, 2226-2236.	3.9	20
39	Force-mediated proinvasive matrix remodeling driven by tumor-associated mesenchymal stem-like cells in glioblastoma. <i>BMB Reports</i> , 2018, 51, 182-187.	2.4	20
40	Identification of ultraviolet B radiation-induced microRNAs in normal human dermal papilla cells. <i>Molecular Medicine Reports</i> , 2014, 10, 1663-1670.	2.4	19
41	Prognostic Value of Glioma Cancer Stem Cell Isolation in Survival of Primary Glioblastoma Patients. <i>Stem Cells International</i> , 2014, 2014, 1-6.	2.5	18
42	MerTK mediates STAT3-KRAS/SRC-signaling axis for glioma stem cell maintenance. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 87-95.	2.8	18
43	FBXL14 abolishes breast cancer progression by targeting CDCP1 for proteasomal degradation. <i>Oncogene</i> , 2018, 37, 5794-5809.	5.9	18
44	A Feedback Loop Comprising EGF/TGF- β Sustains TFCP2-Mediated Breast Cancer Progression. <i>Cancer Research</i> , 2020, 80, 2217-2229.	0.9	18
45	Regulation of FBXO4-mediated ICAM-1 protein stability in metastatic breast cancer. <i>Oncotarget</i> , 2017, 8, 83100-83113.	1.8	18
46	Failure of a patient-derived xenograft for brain tumor model prepared by implantation of tissue fragments. <i>Cancer Cell International</i> , 2016, 16, 43.	4.1	17
47	Suppression of breast cancer progression by FBXL16 via oxygen-independent regulation of HIF1 α stability. <i>Cell Reports</i> , 2021, 37, 109996.	6.4	16
48	Isolation of tumor spheres and mesenchymal stem-like cells from a single primitive neuroectodermal tumor specimen. <i>Child's Nervous System</i> , 2013, 29, 2229-2239.	1.1	14
49	Photoprotective effect of arctiin against ultraviolet B-induced damage in HaCaT keratinocytes is mediated by microRNA expression changes. <i>Molecular Medicine Reports</i> , 2014, 10, 1363-1370.	2.4	14
50	KRAS-driven ROS promote malignant transformation. <i>Molecular and Cellular Oncology</i> , 2015, 2, e968059.	0.7	14
51	ICAM-1 promotes cancer progression by regulating SRC activity as an adapter protein in colorectal cancer. <i>Cell Death and Disease</i> , 2022, 13, 417.	6.3	12
52	Activation of Lck is critically required for sphingosine-induced conformational activation of Bak and mitochondrial cell death. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 353-358.	2.1	11
53	Changes in the biological characteristics of glioma cancer stem cells after serial in vivo subtransplantation. <i>Child's Nervous System</i> , 2013, 29, 55-64.	1.1	10
54	Insulin-Like Growth Factor Binding Protein-3 Exerts Its Anti-Metastatic Effect in Aerodigestive Tract Cancers by Disrupting the Protein Stability of Vimentin. <i>Cancers</i> , 2021, 13, 1041.	3.7	10

#	ARTICLE	IF	CITATIONS
55	Phytosphingosine exhibits an anti-epithelialâ€“mesenchymal transition function by the inhibition of EGFR signaling in human breast cancer cells. <i>Oncotarget</i> , 2017, 8, 77794-77808.	1.8	10
56	Soluble ICAMâ€“1 a Pivotal Communicator between Tumors and Macrophages, Promotes Mesenchymal Shift of Glioblastoma. <i>Advanced Science</i> , 2022, 9, e2102768.	11.2	10
57	Loss of FBXL14 promotes mesenchymal shift and radioresistance of non-small cell lung cancer by TWIST1 stabilization. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 272.	17.1	9
58	Novel miR-5088-5p promotes malignancy of breast cancer by inhibiting DBC2. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 25, 127-142.	5.1	9
59	PKCÎ´ activated by c-MET enhances infiltration of human glioblastoma cells through NOTCH2 signaling. <i>Oncotarget</i> , 2016, 7, 4890-4902.	1.8	9
60	K-RAS Acts as a Critical Regulator of CD44 to Promote the Invasiveness and Stemness of GBM in Response to Ionizing Radiation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10923.	4.1	9
61	Radiation treatment and cancer stem cells. <i>Archives of Pharmacal Research</i> , 2015, 38, 408-413.	6.3	8
62	Geranylgeranylacetone alleviates radiation-induced lung injury by inhibiting epithelial-to-mesenchymal transition signaling. <i>Molecular Medicine Reports</i> , 2016, 13, 4666-4670.	2.4	8
63	Deterministic Capture of Individual Circulating Tumor Cells Using a Flow-Restricted Microfluidic Trap Array. <i>Micromachines</i> , 2018, 9, 106.	2.9	6
64	Low dose radiation regulates BRAF-induced thyroid cellular dysfunction and transformation. <i>Cell Communication and Signaling</i> , 2019, 17, 12.	6.5	6
65	GPR110 promotes progression and metastasis of triple-negative breast cancer. <i>Cell Death Discovery</i> , 2022, 8, .	4.7	5
66	Influence of the Amount of Fresh Specimen on the Isolation of Tumor Mesenchymal Stem-Like Cells from High-Grade Glioma. <i>Yonsei Medical Journal</i> , 2021, 62, 936.	2.2	2
67	Reply to Dâ€™Alessandris et al.: Clear evidence of differences between tumor-resident mesenchymal stemlike cells and bone marrow-derived mesenchymal stem cells. <i>Neuro-Oncology</i> , 2021, 23, 1205-1206.	1.2	1
68	FBXO15 plays a critical suppressive functional role in regulation of breast cancer progression. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 211.	17.1	1