Su-Jae Lee

List of Publications by Year
in descending order

68	2,458	186265	214800
papers	citations	28 h-index	47 g-index

68	68	68	3926
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Soluble ICAMâ€1 a Pivotal Communicator between Tumors and Macrophages, Promotes Mesenchymal Shift of Glioblastoma. Advanced Science, 2022, 9, e2102768.	11.2	10
2	ICAM-1 promotes cancer progression by regulating SRC activity as an adapter protein in colorectal cancer. Cell Death and Disease, 2022, 13, 417.	6.3	12
3	GPR110 promotes progression and metastasis of triple-negative breast cancer. Cell Death Discovery, 2022, 8, .	4.7	5
4	Insulin-Like Growth Factor Binding Protein-3 Exerts Its Anti-Metastatic Effect in Aerodigestive Tract Cancers by Disrupting the Protein Stability of Vimentin. Cancers, 2021, 13, 1041.	3.7	10
5	Reply to Dâ€™Alessandris et al.: Clear evidence of differences between tumor-resident mesenchymal stemlike cells and bone marrow-derived mesenchymal stem cells. Neuro-Oncology, 2021, 23, 1205-1206.	1.2	1
6	FBXO15 plays a critical suppressive functional role in regulation of breast cancer progression. Signal Transduction and Targeted Therapy, 2021, 6, 211.	17.1	1
7	Loss of FBXL14 promotes mesenchymal shift and radioresistance of non-small cell lung cancer by TWIST1 stabilization. Signal Transduction and Targeted Therapy, 2021, 6, 272.	17.1	9
8	Novel miR-5088-5p promotes malignancy of breast cancer by inhibiting DBC2. Molecular Therapy - Nucleic Acids, 2021, 25, 127-142.	5.1	9
9	Influence of the Amount of Fresh Specimen on the Isolation of Tumor Mesenchymal Stem-Like Cells from High-Grade Glioma. Yonsei Medical Journal, 2021, 62, 936.	2.2	2
10	K-RAS Acts as a Critical Regulator of CD44 to Promote the Invasiveness and Stemness of GBM in Response to Ionizing Radiation. International Journal of Molecular Sciences, 2021, 22, 10923.	4.1	9
11	Suppression of breast cancer progression by FBXL16 via oxygen-independent regulation of HIF1Î± stability. Cell Reports, 2021, 37, 109996.	6.4	16
12	Crosstalk between GBM cells and mesenchymal stemlike cells promotes the invasiveness of GBM through the C5a/p38/ZEB1 axis. Neuro-Oncology, 2020, 22, 1452-1462.	1.2	32
13	A Feedback Loop Comprising EGF/TGFÎ± Sustains TFCP2-Mediated Breast Cancer Progression. Cancer Research, 2020, 80, 2217-2229.	0.9	18
14	Melanoma Growth Analysis in Blood Serum and Tissue Using Xenograft Model with Response to Cold Atmospheric Plasma Activated Medium. Applied Sciences (Switzerland), 2019, 9, 4227.	2.5	26
15	Plasma and Nanomaterials: Fabrication and Biomedical Applications. Nanomaterials, 2019, 9, 98.	4.1	92
16	Preventing the Solid Cancer Progression via Release of Anticancer-Cytokines in Co-Culture with Cold Plasma-Stimulated Macrophages. Cancers, 2019, 11, 842.	3.7	56
17	Cold atmospheric plasma and silymarin nanoemulsion synergistically inhibits human melanoma tumorigenesis via targeting HGF/c-MET downstream pathway. Cell Communication and Signaling, 2019, 17, 52.	6.5	58
18	Hyaluronic acid synthase 2 promotes malignant phenotypes of colorectal cancer cells through transforming growth factor beta signaling. Cancer Science, 2019, 110, 2226-2236.	3.9	20

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19	Low dose radiation regulates BRAF-induced thyroid cellular dysfunction and transformation. Cell Communication and Signaling, 2019, 17, 12.	6.5	6
20	Continuous Separation of Circulating Tumor Cells from Whole Blood Using a Slanted Weir Microfluidic Device. Cancers, 2019, 11, 200.	3.7	36
21	Proinvasive extracellular matrix remodeling for tumor progression. Archives of Pharmacal Research, 2019, 42, 40-47.	6.3	30
22	FYN promotes mesenchymal phenotypes of basal type breast cancer cells through STAT5/NOTCH2 signaling node. Oncogene, 2018, 37, 1857-1868.	5.9	49
23	Proinvasive extracellular matrix remodeling in tumor microenvironment in response to radiation. Oncogene, 2018, 37, 3317-3328.	5.9	38
24	MerTK mediates STAT3â€“KRAS/SRC-signaling axis for glioma stem cell maintenance. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 87-95.	2.8	18
25	Deterministic Capture of Individual Circulating Tumor Cells Using a Flow-Restricted Microfluidic Trap Array. Micromachines, 2018, 9, 106.	2.9	6
26	FBXL14 abolishes breast cancer progression by targeting CDCP1 for proteasomal degradation. Oncogene, 2018, 37, 5794-5809.	5.9	18
27	Biological and medical applications of plasma-activated media, water and solutions. Biological Chemistry, 2018, 400, 39-62.	2.5	227
28	Force-mediated proinvasive matrix remodeling driven by tumor-associated mesenchymal stem-like cells in glioblastoma. BMB Reports, 2018, 51, 182-187.	2.4	20
29	Low-dose radiation decreases tumor progression via the inhibition of the JAK1/STAT3 signaling axis in breast cancer cell lines. Scientific Reports, 2017, 7, 43361.	3.3	21
30	Hollow hyaluronic acid particles by competition between adhesive and cohesive properties of catechol for anticancer drug carrier. Carbohydrate Polymers, 2017, 164, 309-316.	10.2	28
31	Phytosphingosine exhibits an anti-epithelialâ€“mesenchymal transition function by the inhibition of EGFR signaling in human breast cancer cells. Oncotarget, 2017, 8, 77794-77808.	1.8	10
32	Regulation of FBXO4-mediated ICAM-1 protein stability in metastatic breast cancer. Oncotarget, 2017, 8, 83100-83113.	1.8	18
33	Tumor Mesenchymal Stem-Like Cell as a Prognostic Marker in Primary Glioblastoma. Stem Cells International, 2016, 2016, 1-7.	2.5	20
34	Geranylgeranylacetone alleviates radiation-induced lung injury by inhibiting epithelial-to-mesenchymal transition signaling. Molecular Medicine Reports, 2016, 13, 4666-4670.	2.4	8
35	Clogging-free microfluidics for continuous size-based separation of microparticles. Scientific Reports, 2016, 6, 26531.	3.3	75
36	Failure of a patient-derived xenograft for brain tumor model prepared by implantation of tissue fragments. Cancer Cell International, 2016, 16, 43.	4.1	17

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37	Radiation driven epithelial-mesenchymal transition is mediated by Notch signaling in breast cancer. Oncotarget, 2016, 7, 53430-53442.	1.8	64
38	PKCÎ´ activated by c-MET enhances infiltration of human glioblastoma cells through NOTCH2 signaling. Oncotarget, 2016, 7, 4890-4902.	1.8	9
39	Beneficial effects of low dose radiation in response to the oncogenic KRAS induced cellular transformation. Scientific Reports, 2015, 5, 15809.	3.3	20
40	Phloroglucinol suppresses metastatic ability of breast cancer cells by inhibition of epithelialâ€mesenchymal cell transition. Cancer Science, 2015, 106, 94-101.	3.9	53
41	Radiation treatment and cancer stem cells. Archives of Pharmacal Research, 2015, 38, 408-413.	6.3	8
42	KRAS-driven ROS promote malignant transformation. Molecular and Cellular Oncology, 2015, 2, e968059.	0.7	14
43	Novel anticancer activity of phloroglucinol against breast cancer stem-like cells. Toxicology and Applied Pharmacology, 2015, 286, 143-150.	2.8	43
44	Photoprotective effect of arctiin against ultraviolet B-induced damage in HaCaT keratinocytes is mediated by microRNA expression changes. Molecular Medicine Reports, 2014, 10, 1363-1370.	2.4	14
45	Identification of ultraviolet B radiation-induced microRNAs in normal human dermal papilla cells. Molecular Medicine Reports, 2014, 10, 1663-1670.	2.4	19
46	Prognostic Value of Glioma Cancer Stem Cell Isolation in Survival of Primary Glioblastoma Patients. Stem Cells International, 2014, 2014, 1-6.	2.5	18
47	Functional characterization of P-glycoprotein in the intertidal copepod Tigriopus japonicus and its potential role in remediating metal pollution. Aquatic Toxicology, 2014, 156, 135-147.	4.0	29
48	Doxycycline Enhances Survival and Self-Renewal of Human Pluripotent Stem Cells. Stem Cell Reports, 2014, 3, 353-364.	4.8	50
49	Radiation promotes malignant progression of glioma cells through HIF-1alpha stabilization. Cancer Letters, 2014, 354, 132-141.	7.2	53
50	Isolation of tumor spheres and mesenchymal stem-like cells from a single primitive neuroectodermal tumor specimen. Child's Nervous System, 2013, 29, 2229-2239.	1.1	14
51	Existence of glioma stroma mesenchymal stemlike cells in Korean glioma specimens. Child's Nervous System, 2013, 29, 549-563.	1.1	26
52	Changes in the biological characteristics of glioma cancer stem cells after serial in vivo subtransplantation. Child's Nervous System, 2013, 29, 55-64.	1.1	10
53	Isolation of glioma cancer stem cells in relation to histological grades in glioma specimens. Child's Nervous System, 2013, 29, 217-229.	1.1	51
54	Increased in vivo angiogenic effect of glioma stromal mesenchymal stem-like cells on glioma cancer stem cells from patients with glioblastoma. International Journal of Oncology, 2013, 42, 1754-1762.	3.3	30

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55	Fractionated radiationâ€induced nitric oxide promotes expansion of glioma stemâ€like cells. Cancer Science, 2013, 104, 1172-1177.	3.9	41
56	Importance of PKCÎ´ signaling in fractionated-radiation-induced expansion of glioma-initiating cells and resistance to cancer treatment. Journal of Cell Science, 2011, 124, 3084-3094.	2.0	44
57	Triterpenoid pristimerin synergizes with taxol to induce cervical cancer cell death through reactive oxygen species-mediated mitochondrial dysfunction. Anti-Cancer Drugs, 2011, 22, 763-773.	1.4	26
58	Eckol suppresses maintenance of stemness and malignancies in glioma stem-like cells. Toxicology and Applied Pharmacology, 2011, 254, 32-40.	2.8	57
59	The small GTPase Rac1 is involved in the maintenance of stemness and malignancies in glioma stem-like cells. FEBS Letters, 2011, 585, 2331-2338.	2.8	45
60	Presence of glioma stroma mesenchymal stem cells in a murine orthotopic glioma model. Child's Nervous System, 2011, 27, 911-922.	1.1	24
61	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. Molecular Pharmacology, 2009, 76, 734-744.	2.3	82
62	The role of p38 MAPK and JNK in Arsenic trioxideâ€induced mitochondrial cell death in human cervical cancer cells. Journal of Cellular Physiology, 2008, 217, 23-33.	4.1	94
63	Activation of Lck is critically required for sphingosine-induced conformational activation of Bak and mitochondrial cell death. Biochemical and Biophysical Research Communications, 2008, 370, 353-358.	2.1	11
64	Activation of Bak and Bax through c-Abl-Protein Kinase CÎ´-p38 MAPK Signaling in Response to Ionizing Radiation in Human Non-small Cell Lung Cancer Cells. Journal of Biological Chemistry, 2006, 281, 7049-7059.	3.4	83
65	Caspase-Independent Cell Death by Arsenic Trioxide in Human Cervical Cancer Cells. Cancer Research, 2004, 64, 8960-8967.	0.9	181
66	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. Journal of Biological Chemistry, 2003, 278, 50624-50634.	3.4	114
67	Enhancement of radiation response in human cervical cancer cells in vitro and in vivo by arsenic trioxide (As2O3). FEBS Letters, 2002, 519, 195-200.	2.8	55
68	Ionizing radiation can overcome resistance to TRAIL in TRAIL-resistant cancer cells. FEBS Letters, 2001, 505, 179-184.	2.8	45