

Hyo-Jeong Lee

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

2,997
citations

36
h-index

51
g-index

100
ext. papers

3,302
ext. citations

5.2
avg, IF

4.61
L-index

#	Paper	IF	Citations
96	Superior in vivo inhibitory efficacy of methylseleninic acid against human prostate cancer over selenomethionine or selenite. <i>Carcinogenesis</i> , 2008 , 29, 1005-12	4.6	115
95	Potent antiandrogen and androgen receptor activities of an Angelica gigas-containing herbal formulation: identification of decursin as a novel and active compound with implications for prevention and treatment of prostate cancer. <i>Cancer Research</i> , 2006 , 66, 453-63	10.1	101
94	Methyl-selenium compounds inhibit prostate carcinogenesis in the transgenic adenocarcinoma of mouse prostate model with survival benefit. <i>Cancer Prevention Research</i> , 2009 , 2, 484-95	3.2	98
93	Evaluation of peri-implant tissue response according to the presence of keratinized mucosa. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009 , 107, e24-8		97
92	Coffee phenolic phytochemicals suppress colon cancer metastasis by targeting MEK and TOPK. <i>Carcinogenesis</i> , 2011 , 32, 921-8	4.6	87
91	Mitochondria-cytochrome C-caspase-9 cascade mediates isorhamnetin-induced apoptosis. <i>Cancer Letters</i> , 2008 , 270, 342-53	9.9	82
90	Penta-1,2,3,4,6-O-galloyl-beta-D-glucose induces p53 and inhibits STAT3 in prostate cancer cells in vitro and suppresses prostate xenograft tumor growth in vivo. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 2681-91	6.1	77
89	Piceatannol suppresses breast cancer cell invasion through the inhibition of MMP-9: involvement of PI3K/AKT and NF- κ B pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 4083-9	5.7	76
88	Activation of NAD(P)H:quinone oxidoreductase 1 prevents arterial restenosis by suppressing vascular smooth muscle cell proliferation. <i>Circulation Research</i> , 2009 , 104, 842-50	15.7	71
87	Ganglioside GM3 inhibits VEGF/VEGFR-2-mediated angiogenesis: direct interaction of GM3 with VEGFR-2. <i>Glycobiology</i> , 2009 , 19, 229-39	5.8	71
86	Sphingosine kinase 1 pathway is involved in melatonin-induced HIF-1 α inactivation in hypoxic PC-3 prostate cancer cells. <i>Journal of Pineal Research</i> , 2011 , 51, 87-93	10.4	64
85	Cyclooxygenase-2/prostaglandin E2 pathway mediates icariside II induced apoptosis in human PC-3 prostate cancer cells. <i>Cancer Letters</i> , 2009 , 280, 93-100	9.9	64
84	An oriental herbal cocktail, ka-mi-kae-kyuk-tang, exerts anti-cancer activities by targeting angiogenesis, apoptosis and metastasis. <i>Carcinogenesis</i> , 2006 , 27, 2455-63	4.6	63
83	Identification of airborne bacterial and fungal community structures in an urban area by T-RFLP analysis and quantitative real-time PCR. <i>Science of the Total Environment</i> , 2010 , 408, 1349-57	10.2	62
82	Oral administration of penta-O-galloyl- β -D-glucose suppresses triple-negative breast cancer xenograft growth and metastasis in strong association with JAK1-STAT3 inhibition. <i>Carcinogenesis</i> , 2011 , 32, 804-11	4.6	61
81	In vivo anti-cancer activity of Korean Angelica gigas and its major pyranocoumarin decursin. <i>The American Journal of Chinese Medicine</i> , 2009 , 37, 127-42	6	59
80	Rhus verniciflua Stokes prevents cisplatin-induced cytotoxicity and reactive oxygen species production in MDCK-I renal cells and intact mice. <i>Phytomedicine</i> , 2009 , 16, 188-97	6.5	59

79	Shikonin, acetylshikonin, and isobutyroylshikonin inhibit VEGF-induced angiogenesis and suppress tumor growth in lewis lung carcinoma-bearing mice. <i>Yakugaku Zasshi</i> , 2008 , 128, 1681-8	0	59
78	Protective role of clusterin/apolipoprotein J against neointimal hyperplasia via antiproliferative effect on vascular smooth muscle cells and cytoprotective effect on endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1558-64	9.4	58
77	Associations of organochlorine pesticides and polychlorinated biphenyls in visceral vs. subcutaneous adipose tissue with type 2 diabetes and insulin resistance. <i>Chemosphere</i> , 2014 , 94, 151-7	8.4	57
76	Methylene chloride fraction of <i>Scutellaria barbata</i> induces apoptosis in human U937 leukemia cells via the mitochondrial signaling pathway. <i>Clinica Chimica Acta</i> , 2004 , 348, 41-8	6.2	53
75	Herbal compound farnesiferol C exerts antiangiogenic and antitumor activity and targets multiple aspects of VEGFR1 (Flt1) or VEGFR2 (Flk1) signaling cascades. <i>Molecular Cancer Therapeutics</i> , 2010 , 9, 389-99	6.1	48
74	Compound K inhibits basic fibroblast growth factor-induced angiogenesis via regulation of p38 mitogen activated protein kinase and AKT in human umbilical vein endothelial cells. <i>Biological and Pharmaceutical Bulletin</i> , 2010 , 33, 945-50	2.3	48
73	Galbanic acid isolated from <i>Ferula assafoetida</i> exerts in vivo anti-tumor activity in association with anti-angiogenesis and anti-proliferation. <i>Pharmaceutical Research</i> , 2011 , 28, 597-609	4.5	47
72	A novel class of pyranocoumarin anti-androgen receptor signaling compounds. <i>Molecular Cancer Therapeutics</i> , 2007 , 6, 907-17	6.1	47
71	Antiangiogenic phytochemicals and medicinal herbs. <i>Phytotherapy Research</i> , 2011 , 25, 1-10	6.7	43
70	<i>Ocimum sanctum</i> induces apoptosis in A549 lung cancer cells and suppresses the in vivo growth of Lewis lung carcinoma cells. <i>Phytotherapy Research</i> , 2009 , 23, 1385-91	6.7	43
69	Cambodian <i>Phellinus linteus</i> inhibits experimental metastasis of melanoma cells in mice via regulation of urokinase type plasminogen activator. <i>Biological and Pharmaceutical Bulletin</i> , 2005 , 28, 27-31	2.3	42
68	Substance P and beta endorphin mediate electroacupuncture induced analgesic activity in mouse cancer pain model. <i>Acupuncture and Electro-Therapeutics Research</i> , 2009 , 34, 27-40	0.2	42
67	Elipoic acid prevents neointimal hyperplasia via induction of p38 mitogen-activated protein kinase/Nur77-mediated apoptosis of vascular smooth muscle cells and accelerates postinjury reendothelialization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2164-72	9.4	41
66	Tanshinones from Chinese medicinal herb Danshen (<i>Salvia miltiorrhiza</i> Bunge) suppress prostate cancer growth and androgen receptor signaling. <i>Pharmaceutical Research</i> , 2012 , 29, 1595-608	4.5	40
65	Pentagalloylglucose induces autophagy and caspase-independent programmed deaths in human PC-3 and mouse TRAMP-C2 prostate cancer cells. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 2833-43	6.1	40
64	Methylseleninic acid inhibits microvascular endothelial G1 cell cycle progression and decreases tumor microvessel density. <i>International Journal of Cancer</i> , 2008 , 122, 15-24	7.5	39
63	Penta-O-galloyl-beta-D-glucose induces G1 arrest and DNA replicative S-phase arrest independently of cyclin-dependent kinase inhibitor 1A, cyclin-dependent kinase inhibitor 1B and P53 in human breast cancer cells and is orally active against triple negative xenograft growth. <i>Breast Cancer Research</i> , 2010 , 12, R67	8.3	37
62	Zerumbone Suppresses Osteopontin-Induced Cell Invasion Through Inhibiting the FAK/AKT/ROCK Pathway in Human Non-Small Cell Lung Cancer A549 Cells. <i>Journal of Natural Products</i> , 2016 , 79, 156-60	4.9	36

61	Penta-O-galloyl-beta-D-glucose induces S- and G(1)-cell cycle arrests in prostate cancer cells targeting DNA replication and cyclin D1. <i>Carcinogenesis</i> , 2009 , 30, 818-23	4.6	36
60	Paeonol exerts anti-angiogenic and anti-metastatic activities through downmodulation of Akt activation and inactivation of matrix metalloproteinases. <i>Biological and Pharmaceutical Bulletin</i> , 2009 , 32, 1142-7	2.3	35
59	Ethanol extract of <i>Ocimum sanctum</i> exerts anti-metastatic activity through inactivation of matrix metalloproteinase-9 and enhancement of anti-oxidant enzymes. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1478-82	4.7	34
58	Inhibition of JAK1/STAT3 signaling mediates compound K-induced apoptosis in human multiple myeloma U266 cells. <i>Food and Chemical Toxicology</i> , 2011 , 49, 1367-72	4.7	33
57	Coumestrol suppresses hypoxia inducible factor 1 α by inhibiting ROS mediated sphingosine kinase 1 in hypoxic PC-3 prostate cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 2560-4	2.9	30
56	The genome-wide expression profile of 1,2,3,4,6-penta-O-galloyl-D-glucose-treated MDA-MB-231 breast cancer cells: molecular target on cancer metabolism. <i>Molecules and Cells</i> , 2011 , 32, 123-32	3.5	30
55	Oriental herbs as a source of novel anti-androgen and prostate cancer chemopreventive agents. <i>Acta Pharmacologica Sinica</i> , 2007 , 28, 1365-72	8	30
54	Activation of p53 signaling and inhibition of androgen receptor mediate tanshinone IIA induced G1 arrest in LNCaP prostate cancer cells. <i>Phytotherapy Research</i> , 2012 , 26, 669-74	6.7	29
53	Inhibition of cyclooxygenase-2-dependent survivin mediates decursin-induced apoptosis in human KBM-5 myeloid leukemia cells. <i>Cancer Letters</i> , 2010 , 298, 212-21	9.9	28
52	Paeonol oxime inhibits bFGF-induced angiogenesis and reduces VEGF levels in fibrosarcoma cells. <i>PLoS ONE</i> , 2010 , 5, e12358	3.7	27
51	Dihydroartemisinin induced caspase-dependent apoptosis through inhibiting the specificity protein 1 pathway in hepatocellular carcinoma SK-Hep-1 cells. <i>Life Sciences</i> , 2018 , 192, 286-292	6.8	24
50	Down-regulation of phosphoglucomutase 3 mediates sulforaphane-induced cell death in LNCaP prostate cancer cells. <i>Proteome Science</i> , 2010 , 8, 67	2.6	23
49	Decursin prevents cisplatin-induced apoptosis via the enhancement of antioxidant enzymes in human renal epithelial cells. <i>Biological and Pharmaceutical Bulletin</i> , 2010 , 33, 1279-84	2.3	23
48	Anti-cancer effect of pristimerin by inhibition of HIF-1 α involves the SPHK-1 pathway in hypoxic prostate cancer cells. <i>BMC Cancer</i> , 2016 , 16, 701	4.8	23
47	Rho-associated kinase signaling is required for osteopontin-induced cell invasion through inactivating cofilin in human non-small cell lung cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 1956-60	2.9	22
46	Inhibition of Hypoxia Inducible Factor Alpha and Astrocyte-Elevated Gene-1 Mediates Cryptotanshinone Exerted Antitumor Activity in Hypoxic PC-3 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 390957	2.3	21
45	1,2,3,4,6-Penta-O-galloyl-beta-D-glucose suppresses hypoxia-induced accumulation of hypoxia-inducible factor-1 α and signaling in LNCaP prostate cancer cells. <i>Biological and Pharmaceutical Bulletin</i> , 2010 , 33, 1835-40	2.3	21
44	<i>Ilex dentata</i> green sap inhibits both compound 48/80-induced anaphylaxis-like response and IgE-mediated anaphylactic response in murine model. <i>Biological and Pharmaceutical Bulletin</i> , 2002 , 25, 5-9	2.3	21

43	Fermented <i>Rhus verniciflua</i> Stokes Extract Exerts an Antihepatic Lipogenic Effect in Oleic-Acid-Induced HepG2 Cells via Upregulation of AMP-Activated Protein Kinase. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 7270-6	5.7	20
42	Essential oil of <i>Pinus koraiensis</i> inhibits cell proliferation and migration via inhibition of p21-activated kinase 1 pathway in HCT116 colorectal cancer cells. <i>BMC Complementary and Alternative Medicine</i> , 2014 , 14, 275	4.7	19
41	Persistent p21Cip1 induction mediates G(1) cell cycle arrest by methylseleninic acid in DU145 prostate cancer cells. <i>Current Cancer Drug Targets</i> , 2010 , 10, 307-18	2.8	19
40	Urokinase-type plasminogen activator expression and Rac1/WAVE-2/Arp2/3 pathway are blocked by pterostilbene to suppress cell migration and invasion in MDA-MB-231 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 1176-9	2.9	18
39	Ethanol extract of <i>Pinus koraiensis</i> leaves containing lambertianic acid exerts anti-obesity and hypolipidemic effects by activating adenosine monophosphate-activated protein kinase (AMPK). <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 51	4.7	17
38	Substance P and beta-endorphin mediate electro-acupuncture induced analgesia in mouse cancer pain model. <i>Journal of Experimental and Clinical Cancer Research</i> , 2009 , 28, 102	12.8	17
37	Rhapontigenin inhibited hypoxia inducible factor 1 alpha accumulation and angiogenesis in hypoxic PC-3 prostate cancer cells. <i>Biological and Pharmaceutical Bulletin</i> , 2011 , 34, 850-5	2.3	16
36	Quinoline derivative KB3-1 potentiates paclitaxel induced cytotoxicity and cycle arrest via multidrug resistance reversal in MES-SA/DX5 cancer cells. <i>Life Sciences</i> , 2008 , 83, 700-8	6.8	15
35	Epigallocatechin-3-Gallate Suppresses Vasculogenic Mimicry through Inhibiting the Twist/VE-Cadherin/AKT Pathway in Human Prostate Cancer PC-3 Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	14
34	Hydrocinchonine, cinchonine, and quinidine potentiate paclitaxel-induced cytotoxicity and apoptosis via multidrug resistance reversal in MES-SA/DX5 uterine sarcoma cells. <i>Environmental Toxicology</i> , 2011 , 26, 424-31	4.2	14
33	Cilostazol inhibits high glucose- and angiotensin II-induced type 1 plasminogen activator inhibitor expression in artery wall and neointimal region after vascular injury. <i>Atherosclerosis</i> , 2009 , 207, 391-8	3.1	14
32	Plumbagin reduces osteopontin-induced invasion through inhibiting the Rho-associated kinase signaling pathway in A549 cells and suppresses osteopontin-induced lung metastasis in BalB/c mice. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 1914-1918	2.9	13
31	Serum promotes vasculogenic mimicry through the EphA2/VE-cadherin/AKT pathway in PC-3 human prostate cancer cells. <i>Life Sciences</i> , 2019 , 221, 267-273	6.8	13
30	Reactive oxygen species-mediated activation of JNK and down-regulation of DAXX are critically involved in penta-O-galloyl-beta-d-glucose-induced apoptosis in chronic myeloid leukemia K562 cells. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 424, 530-7	3.4	12
29	Poly(diphenylacetylene)s with Electron-Donating Alkoxy and Electron-Withdrawing Fluoroalkyl Groups: Effect of the Substituent on Fluorescence. <i>Macromolecular Rapid Communications</i> , 2007 , 28, 1317-1324	4.8	12
28	Comparison of the main components and bioactivity of <i>Rhus verniciflua</i> Stokes extracts by different detoxification processing methods. <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 242	4.7	12
27	Proteomic analysis of mesenchymal stem-like cells derived from ovarian teratoma: potential role of glutathione S-transferase M2 in ovarian teratoma. <i>Proteomics</i> , 2011 , 11, 352-60	4.8	11
26	Anti-androgen receptor signaling and prostate cancer inhibitory effects of sucrose- and benzophenone-compounds. <i>Pharmaceutical Research</i> , 2009 , 26, 1140-8	4.5	11

25	Caspase and mitogen activated protein kinase pathways are involved in <i>Solanum lyratum</i> herba induced apoptosis. <i>Journal of Ethnopharmacology</i> , 2009 , 123, 121-7	5	11
24	Anti-diabetic potential of the essential oil of <i>Pinus koraiensis</i> leaves toward streptozotocin-treated mice and HIT-T15 pancreatic β cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013 , 77, 1997-2001	2.1	9
23	Sphingosine Kinase-1 Involves the Inhibitory Action of HIF-1 α by Chlorogenic Acid in Hypoxic DU145 Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	9
22	Protective effect of Bojungbangdocktang on cisplatin-induced cytotoxicity and apoptosis in MCF-10A breast endothelial cells. <i>Environmental Toxicology and Pharmacology</i> , 2009 , 28, 430-8	5.8	9
21	Ethanol Extract Exerts Inhibition of Cell Growth and Motility Induction of Apoptosis via Targeting AKT in Human Breast Cancer MDA-MB-231 Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
20	Particled Mica, STB-HO has chemopreventive potential via G1 arrest, and inhibition of proliferation and vascular endothelial growth factor receptor 2 in HCT colorectal cancer cells. <i>BMC Complementary and Alternative Medicine</i> , 2013 , 13, 189	4.7	7
19	Enhancement of 1,25-dihydroxyvitamin D ₃ - and all-trans retinoic acid-induced HL-60 leukemia cell differentiation by <i>Panax ginseng</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2009 , 73, 1048-53	2.1	7
18	Essential Oil of <i>Pinus koraiensis</i> Exerts Antiobesic and Hypolipidemic Activity via Inhibition of Peroxisome Proliferator-Activated Receptors Gamma Signaling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 947037	2.3	6
17	Quality Characteristics of Cupcakes Added with <i>Opuntia ficus-indica</i> var. <i>saboten</i> Powder. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2007 , 36, 58-64	1.5	6
16	Anti-Cancer Effect of Lambertianic Acid by Inhibiting the AR in LNCaP Cells. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	6
15	Herbal cocktail ka-mi-kae-kyuk-tang stimulates mouse bone marrow stem cell hematopoiesis and janus-activated kinase 2/signal transducer and activator of transcription 5 pathway. <i>The American Journal of Chinese Medicine</i> , 2011 , 39, 1235-52	6	5
14	Retraction: Substance P and beta-endorphin mediate electro-acupuncture induced analgesia in mouse cancer pain model. <i>Journal of Experimental and Clinical Cancer Research</i> , 2009 , 28, 137	12.8	4
13	Penta-1,2,3,4,6--Galloyl- β -D-Glucose Inhibits UVB-Induced Photoaging by Targeting PAK1 and JNK1. <i>Antioxidants</i> , 2019 , 8,	7.1	4
12	Anti-inflammatory effect from extracts of Red Chinese cabbage and Aronia in LPS-stimulated RAW 264.7 cells. <i>Food Science and Nutrition</i> , 2020 , 8, 1898-1903	3.2	3
11	Correlation Between Acetogenin Content and Antiproliferative Activity of Pawpaw (<i>Asimina triloba</i> [L.] Dunal) Fruit Pulp Grown in Korea. <i>Journal of Food Science</i> , 2018 , 83, 1430-1435	3.4	3
10	Bojungbangdocktang inhibits vascular endothelial growth factor induced angiogenesis via blocking the VEGF/VEGFR2 signaling pathway in human umbilical vein endothelial cells. <i>Science Bulletin</i> , 2009 , 54, 227-233	10.6	3
9	Ethanollic Hwaemjeon induces mitochondrial dependent apoptosis partly via PI3K/AKT/HSP27/ERK pathways and inhibits PSA and AR in LNCaP cells. <i>Environmental Toxicology and Pharmacology</i> , 2009 , 28, 78-85	5.8	3
8	Brassicasterol from Edible Aquacultural Exerts an Anti-Cancer Effect by Dual-Targeting AKT and AR Signaling in Prostate Cancer. <i>Biomedicines</i> , 2020 , 8,	4.8	3

7	Fermented <i>Rhus Verniciflua</i> Stokes Extract Alleviates Nonalcoholic Fatty Liver through the AMPK/SREBP1/PCSK9 Pathway in HFD-Induced Nonalcoholic Fatty Liver Animal Model. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6833	2.6	2
6	JAK2/STAT5 signaling pathway mediates Bojungbangdocktang enhanced hematopoiesis. <i>Phytotherapy Research</i> , 2011 , 25, 329-37	6.7	2
5	Sojucktang induces apoptosis via loss of mitochondrial membrane potential and caspase-3 activation in KLE human endometrial cancer cells. <i>Science Bulletin</i> , 2009 , 54, 4387-4392	10.6	1
4	Reactive oxygen species involved in sulforaphane-induced STAT3 inactivation and apoptosis in DU145 prostate cancer cells. <i>Science Bulletin</i> , 2010 , 55, 3922-3928		1
3	The growth-inhibitory effects of pawpaw (<i>Asimina triloba</i> [L.] Dunal) roots, twigs, leaves, and fruit against human gastric (AGS) and cervical (HeLa) cancer cells and their anti-inflammatory activities. <i>Molecular Biology Reports</i> , 2021 , 48, 2173-2181	2.8	1
2	HMT Exerts an Anticancer Effect by Targeting PAK-1. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6034	2.6	0
1	Effect of fermented <i>Rhus verniciflua</i> stokes extract on liver function parameters in healthy Korean adults: a double-blind randomized controlled trial. <i>Trials</i> , 2021 , 22, 830	2.8	