Hyo-Jeong Lee

List of Publications by Year in Descending Order

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	Effect of fermented Rhus verniciflua stokes extract on liver function parameters in healthy Korean adults: a double-blind randomized controlled trial. *Trials*, **2021**, 22, 830	2.8	
95	HMT Exerts an Anticancer Effect by Targeting PAK-1. *Applied Sciences (Switzerland)*, **2021**, 11, 6034	2.6	0
94	The growth-inhibitory effects of pawpaw (Asimina triloba [L.] Dunal) roots, twigs, leaves, and fruit against human gastric (AGS) and cervical (HeLa) cancer cells and their anti-inflammatory activities. *Molecular Biology Reports*, **2021**, 48, 2173-2181	2.8	1
93	Fermented Rhus Verniciflua Stokes Extract Alleviates Nonalcoholic Fatty Liver through the AMPK/SREBP1/PCSK9 Pathway in HFD-Induced Nonalcoholic Fatty Liver Animal Model. *Applied Sciences (Switzerland)*, **2020**, 10, 6833	2.6	2
92	Anti-inflammatory effect from extracts of Red Chinese cabbage and Aronia in LPS-stimulated RAW 264.7 cells. *Food Science and Nutrition*, **2020**, 8, 1898-1903	3.2	3
91	Epigallocatechin-3-Gallate Suppresses Vasculogenic Mimicry through Inhibiting the Twist/VE-Cadherin/AKT Pathway in Human Prostate Cancer PC-3 Cells. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	14
90	Brassicasterol from Edible Aquacultural Exerts an Anti-Cancer Effect by Dual-Targeting AKT and AR Signaling in Prostate Cancer. *Biomedicines*, **2020**, 8,	4.8	3
89	Ethanol Extract Exerts Inhibition of Cell Growth and Motility Induction of Apoptosis via Targeting AKT in Human Breast Cancer MDA-MB-231 Cells. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	8
88	Serum promotes vasculogenic mimicry through the EphA2/VE-cadherin/AKT pathway in PC-3 human prostate cancer cells. *Life Sciences*, **2019**, 221, 267-273	6.8	13
87	Penta-1,2,3,4,6--Galloyl-β-D-Glucose Inhibits UVB-Induced Photoaging by Targeting PAK1 and JNK1. *Antioxidants*, **2019**, 8,	7.1	4
86	Correlation Between Acetogenin Content and Antiproliferative Activity of Pawpaw (Asimina triloba [L.] Dunal) Fruit Pulp Grown in Korea. *Journal of Food Science*, **2018**, 83, 1430-1435	3.4	3
85	Dihydroartemisinin induced caspase-dependent apoptosis through inhibiting the specificity protein 1 pathway in hepatocellular carcinoma SK-Hep-1 cells. *Life Sciences*, **2018**, 192, 286-292	6.8	24
84	Comparison of the main components and bioactivity of Rhus verniciflua Stokes extracts by different detoxification processing methods. *BMC Complementary and Alternative Medicine*, **2018**, 18, 242	4.7	12
83	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. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 1914-1918	2.9	13
82	Sphingosine Kinase-1 Involves the Inhibitory Action of HIF-1α by Chlorogenic Acid in Hypoxic DU145 Cells. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	9
81	Ethanol extract of Pinus koraiensis leaves containing lambertianic acid exerts anti-obesity and hypolipidemic effects by activating adenosine monophosphate-activated protein kinase (AMPK). *BMC Complementary and Alternative Medicine*, **2016**, 16, 51	4.7	17
80	Zerumbone Suppresses Osteopontin-Induced Cell Invasion Through Inhibiting the FAK/AKT/ROCK Pathway in Human Non-Small Cell Lung Cancer A549 Cells. *Journal of Natural Products*, **2016**, 79, 156-60	4.9	36

79	Anti-Cancer Effect of Lambertianic Acid by Inhibiting the AR in LNCaP Cells. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	6
78	Anti-cancer effect of pristimerin by inhibition of HIF-1 involves the SPHK-1 pathway in hypoxic prostate cancer cells. *BMC Cancer*, **2016**, 16, 701	4.8	23
77	Fermented Rhus verniciflua Stokes Extract Exerts an Antihepatic Lipogenic Effect in Oleic-Acid-Induced HepG2 Cells via Upregulation of AMP-Activated Protein Kinase. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 7270-6	5.7	20
76	Rho-associated kinase signaling is required for osteopontin-induced cell invasion through inactivating cofilin in human non-small cell lung cancer cell lines. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 1956-60	2.9	22
75	Coumestrol suppresses hypoxia inducible factor 1 by inhibiting ROS mediated sphingosine kinase 1 in hypoxic PC-3 prostate cancer cells. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 2560-4	2.9	30
74	Associations of organochlorine pesticides and polychlorinated biphenyls in visceral vs. subcutaneous adipose tissue with type 2 diabetes and insulin resistance. *Chemosphere*, **2014**, 94, 151-7	8.4	57
73	Essential oil of Pinus koraiensis inhibits cell proliferation and migration via inhibition of p21-activated kinase 1 pathway in HCT116 colorectal cancer cells. *BMC Complementary and Alternative Medicine*, **2014**, 14, 275	4.7	19
72	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. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 1176-9	2.9	18
71	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. *BMC Complementary and Alternative Medicine*, **2013**, 13, 189	4.7	7
70	Anti-diabetic potential of the essential oil of Pinus koraiensis leaves toward streptozotocin-treated mice and HIT-T15 pancreatic cells. *Bioscience, Biotechnology and Biochemistry*, **2013**, 77, 1997-2001	2.1	9
69	Essential Oil of Pinus koraiensis Exerts Antiobesic and Hypolipidemic Activity via Inhibition of Peroxisome Proliferator-Activated Receptors Gamma Signaling. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 947037	2.3	6
68	Piceatannol suppresses breast cancer cell invasion through the inhibition of MMP-9: involvement of PI3K/AKT and NF-B pathways. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 4083-9	5.7	76
67	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. *Biochemical and Biophysical Research Communications*, **2012**, 424, 530-7	3.4	12
66	Activation of p53 signaling and inhibition of androgen receptor mediate tanshinone IIA induced G1 arrest in LNCaP prostate cancer cells. *Phytotherapy Research*, **2012**, 26, 669-74	6.7	29
65	Tanshinones from Chinese medicinal herb Danshen (Salvia miltiorrhiza Bunge) suppress prostate cancer growth and androgen receptor signaling. *Pharmaceutical Research*, **2012**, 29, 1595-608	4.5	40
64	Inhibition of Hypoxia Inducible Factor Alpha and Astrocyte-Elevated Gene-1 Mediates Cryptotanshinone Exerted Antitumor Activity in Hypoxic PC-3 Cells. *Evidence-based Complementary and Alternative Medicine*, **2012**, 2012, 390957	2.3	21
63	Inhibition of JAK1/STAT3 signaling mediates compound K-induced apoptosis in human multiple myeloma U266 cells. *Food and Chemical Toxicology*, **2011**, 49, 1367-72	4.7	33
62	Rhapontigenin inhibited hypoxia inducible factor 1 alpha accumulation and angiogenesis in hypoxic PC-3 prostate cancer cells. *Biological and Pharmaceutical Bulletin*, **2011**, 34, 850-5	2.3	16

61	Sphingosine kinase 1 pathway is involved in melatonin-induced HIF-1 inactivation in hypoxic PC-3 prostate cancer cells. *Journal of Pineal Research*, **2011**, 51, 87-93	10.4	64
60	Galbanic acid isolated from Ferula assafoetida exerts in vivo anti-tumor activity in association with anti-angiogenesis and anti-proliferation. *Pharmaceutical Research*, **2011**, 28, 597-609	4.5	47
59	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. *Molecules and Cells*, **2011**, 32, 123-32	3.5	30
58	Proteomic analysis of mesenchymal stem-like cells derived from ovarian teratoma: potential role of glutathione S-transferase M2 in ovarian teratoma. *Proteomics*, **2011**, 11, 352-60	4.8	11
57	Hydrocinchonine, cinchonine, and quinidine potentiate paclitaxel-induced cytotoxicity and apoptosis via multidrug resistance reversal in MES-SA/DX5 uterine sarcoma cells. *Environmental Toxicology*, **2011**, 26, 424-31	4.2	14
56	Antiangiogenic phytochemicals and medicinal herbs. *Phytotherapy Research*, **2011**, 25, 1-10	6.7	43
55	JAK2/STAT5 signaling pathway mediates Bojungbangdocktang enhanced hematopoiesis. *Phytotherapy Research*, **2011**, 25, 329-37	6.7	2
54	Coffee phenolic phytochemicals suppress colon cancer metastasis by targeting MEK and TOPK. *Carcinogenesis*, **2011**, 32, 921-8	4.6	87
53	Oral administration of penta-O-galloyl-D-glucose suppresses triple-negative breast cancer xenograft growth and metastasis in strong association with JAK1-STAT3 inhibition. *Carcinogenesis*, **2011**, 32, 804-11	4.6	61
52	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. *The American Journal of Chinese Medicine*, **2011**, 39, 1235-52	6	5
51	Paeonol oxime inhibits bFGF-induced angiogenesis and reduces VEGF levels in fibrosarcoma cells. *PLoS ONE*, **2010**, 5, e12358	3.7	27
50	Lipoic acid prevents neointimal hyperplasia via induction of p38 mitogen-activated protein kinase/Nur77-mediated apoptosis of vascular smooth muscle cells and accelerates postinjury reendothelialization. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 2164-72	9.4	41
49	Down-regulation of phosphoglucomutase 3 mediates sulforaphane-induced cell death in LNCaP prostate cancer cells. *Proteome Science*, **2010**, 8, 67	2.6	23
48	Herbal compound farnesiferol C exerts antiangiogenic and antitumor activity and targets multiple aspects of VEGFR1 (Flt1) or VEGFR2 (Flk1) signaling cascades. *Molecular Cancer Therapeutics*, **2010**, 9, 389-99	6.1	48
47	Inhibition of cyclooxygenase-2-dependent survivin mediates decursin-induced apoptosis in human KBM-5 myeloid leukemia cells. *Cancer Letters*, **2010**, 298, 212-21	9.9	28
46	Ethanol extract of Ocimum sanctum exerts anti-metastatic activity through inactivation of matrix metalloproteinase-9 and enhancement of anti-oxidant enzymes. *Food and Chemical Toxicology*, **2010**, 48, 1478-82	4.7	34
45	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. *Breast Cancer Research*, **2010**, 12, R67	8.3	37
44	Persistent p21Cip1 induction mediates G(1) cell cycle arrest by methylseleninic acid in DU145 prostate cancer cells. *Current Cancer Drug Targets*, **2010**, 10, 307-18	2.8	19

43	Decursin prevents cisplatin-induced apoptosis via the enhancement of antioxidant enzymes in human renal epithelial cells. *Biological and Pharmaceutical Bulletin*, **2010**, 33, 1279-84	2.3	23
42	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. *Biological and Pharmaceutical Bulletin*, **2010**, 33, 945-50	2.3	48
41	1,2,3,4,6-Penta-O-galloly-beta-D-glucose suppresses hypoxia-induced accumulation of hypoxia-inducible factor-1 and signaling in LNCaP prostate cancer cells. *Biological and Pharmaceutical Bulletin*, **2010**, 33, 1835-40	2.3	21
40	Reactive oxygen species involved in sulforaphane-induced STAT3 inactivation and apoptosis in DU145 prostate cancer cells. *Science Bulletin*, **2010**, 55, 3922-3928		1
39	Identification of airborne bacterial and fungal community structures in an urban area by T-RFLP analysis and quantitative real-time PCR. *Science of the Total Environment*, **2010**, 408, 1349-57	10.2	62
38	Enhancement of 1,25-dihydroxyvitamin D3- and all-trans retinoic acid-induced HL-60 leukemia cell differentiation by Panax ginseng. *Bioscience, Biotechnology and Biochemistry*, **2009**, 73, 1048-53	2.1	7
37	In vivo anti-cancer activity of Korean Angelica gigas and its major pyranocoumarin decursin. *The American Journal of Chinese Medicine*, **2009**, 37, 127-42	6	59
36	Methyl-selenium compounds inhibit prostate carcinogenesis in the transgenic adenocarcinoma of mouse prostate model with survival benefit. *Cancer Prevention Research*, **2009**, 2, 484-95	3.2	98
35	Protective role of clusterin/apolipoprotein J against neointimal hyperplasia via antiproliferative effect on vascular smooth muscle cells and cytoprotective effect on endothelial cells. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2009**, 29, 1558-64	9.4	58
34	Penta-O-galloyl-beta-D-glucose induces S- and G(1)-cell cycle arrests in prostate cancer cells targeting DNA replication and cyclin D1. *Carcinogenesis*, **2009**, 30, 818-23	4.6	36
33	Activation of NAD(P)H:quinone oxidoreductase 1 prevents arterial restenosis by suppressing vascular smooth muscle cell proliferation. *Circulation Research*, **2009**, 104, 842-50	15.7	71
32	Pentagalloylglucose induces autophagy and caspase-independent programmed deaths in human PC-3 and mouse TRAMP-C2 prostate cancer cells. *Molecular Cancer Therapeutics*, **2009**, 8, 2833-43	6.1	40
31	Rhus verniciflua Stokes prevents cisplatin-induced cytotoxicity and reactive oxygen species production in MDCK-I renal cells and intact mice. *Phytomedicine*, **2009**, 16, 188-97	6.5	59
30	Anti-androgen receptor signaling and prostate cancer inhibitory effects of sucrose- and benzophenone-compounds. *Pharmaceutical Research*, **2009**, 26, 1140-8	4.5	11
29	Bojungbangdocktang inhibits vascular endothelial growth factor induced angiogenesis via blocking the VEGF/VEGFR2 signaling pathway in human umbilical vein endothelial cells. *Science Bulletin*, **2009**, 54, 227-233	10.6	3
28	Sojucktang induces apoptosis via loss of mitochondrial membrane potential and caspase-3 activation in KLE human endometrial cancer cells. *Science Bulletin*, **2009**, 54, 4387-4392	10.6	1
27	Ocimum sanctum induces apoptosis in A549 lung cancer cells and suppresses the in vivo growth of Lewis lung carcinoma cells. *Phytotherapy Research*, **2009**, 23, 1385-91	6.7	43
26	Cyclooxygenase-2/prostaglandin E2 pathway mediates icariside II induced apoptosis in human PC-3 prostate cancer cells. *Cancer Letters*, **2009**, 280, 93-100	9.9	64

25	Ethanolic Hwaeumjeon induces mitochondrial dependent apoptosis partly via PI3K/AKT/HSP27/ERK pathways and inhibits PSA and AR in LNCaP cells. *Environmental Toxicology and Pharmacology*, **2009**, 28, 78-85	5.8	3
24	Protective effect of Bojungbangdocktang on cisplatin-induced cytotoxicity and apoptosis in MCF-10A breast endothelial cells. *Environmental Toxicology and Pharmacology*, **2009**, 28, 430-8	5.8	9
23	Evaluation of peri-implant tissue response according to the presence of keratinized mucosa. *Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics*, **2009**, 107, e24-8		97
22	Caspase and mitogen activated protein kinase pathways are involved in Solanum lyratum herba induced apoptosis. *Journal of Ethnopharmacology*, **2009**, 123, 121-7	5	11
21	Retraction: Substance P and beta-endorphin mediate electro-acupuncture induced analgesia in mouse cancer pain model. *Journal of Experimental and Clinical Cancer Research*, **2009**, 28, 137	12.8	4
20	Substance P and beta-endorphin mediate electro-acupuncture induced analgesia in mouse cancer pain model. *Journal of Experimental and Clinical Cancer Research*, **2009**, 28, 102	12.8	17
19	Cilostazol inhibits high glucose- and angiotensin II-induced type 1 plasminogen activator inhibitor expression in artery wall and neointimal region after vascular injury. *Atherosclerosis*, **2009**, 207, 391-8	3.1	14
18	Paeonol exerts anti-angiogenic and anti-metastatic activities through downmodulation of Akt activation and inactivation of matrix metalloproteinases. *Biological and Pharmaceutical Bulletin*, **2009**, 32, 1142-7	2.3	35
17	Ganglioside GM3 inhibits VEGF/VEGFR-2-mediated angiogenesis: direct interaction of GM3 with VEGFR-2. *Glycobiology*, **2009**, 19, 229-39	5.8	71
16	Substance P and beta endorphin mediate electroacupuncture induced analgesic activity in mouse cancer pain model. *Acupuncture and Electro-Therapeutics Research*, **2009**, 34, 27-40	0.2	42
15	Quinoline derivative KB3-1 potentiates paclitaxel induced cytotoxicity and cycle arrest via multidrug resistance reversal in MES-SA/DX5 cancer cells. *Life Sciences*, **2008**, 83, 700-8	6.8	15
14	Mitochondria-cytochrome C-caspase-9 cascade mediates isorhamnetin-induced apoptosis. *Cancer Letters*, **2008**, 270, 342-53	9.9	82
13	Superior in vivo inhibitory efficacy of methylseleninic acid against human prostate cancer over selenomethionine or selenite. *Carcinogenesis*, **2008**, 29, 1005-12	4.6	115
12	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. *Molecular Cancer Therapeutics*, **2008**, 7, 2681-91	6.1	77
11	Shikonin, acetylshikonin, and isobutyroylshikonin inhibit VEGF-induced angiogenesis and suppress tumor growth in lewis lung carcinoma-bearing mice. *Yakugaku Zasshi*, **2008**, 128, 1681-8	0	59
10	Methylseleninic acid inhibits microvascular endothelial G1 cell cycle progression and decreases tumor microvessel density. *International Journal of Cancer*, **2008**, 122, 15-24	7.5	39
9	Poly(diphenylacetylene)s with Electron-Donating Alkoxy and Electron-Withdrawing Fluoroalkyl Groups: Effect of the Substituent on Fluorescence. *Macromolecular Rapid Communications*, **2007**, 28, 1317-1324	4.8	12
8	Oriental herbs as a source of novel anti-androgen and prostate cancer chemopreventive agents. *Acta Pharmacologica Sinica*, **2007**, 28, 1365-72	8	30

7	A novel class of pyranocoumarin anti-androgen receptor signaling compounds. *Molecular Cancer Therapeutics*, **2007**, 6, 907-17	6.1	47
6	Quality Characteristics of Cupcakes Added with Opuntia ficus-indica var. saboten Powder. *Journal of the Korean Society of Food Science and Nutrition*, **2007**, 36, 58-64	1.5	6
5	An oriental herbal cocktail, ka-mi-kae-kyuk-tang, exerts anti-cancer activities by targeting angiogenesis, apoptosis and metastasis. *Carcinogenesis*, **2006**, 27, 2455-63	4.6	63
4	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. *Cancer Research*, **2006**, 66, 453-63	10.1	101
3	Cambodian Phellinus linteus inhibits experimental metastasis of melanoma cells in mice via regulation of urokinase type plasminogen activator. *Biological and Pharmaceutical Bulletin*, **2005**, 28, 27-31	2.3	42
2	Methylene chloride fraction of Scutellaria barbata induces apoptosis in human U937 leukemia cells via the mitochondrial signaling pathway. *Clinica Chimica Acta*, **2004**, 348, 41-8	6.2	53
1	Ixeris dentata green sap inhibits both compound 48/80-induced aanaphylaxis-like response and IgE-mediated anaphylactic response in murine model. *Biological and Pharmaceutical Bulletin*, **2002**, 25, 5-9	2.3	21