Sung Keun Jung

List of Publications by Year
in descending order

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Version: 2024-02-01

102 papers	2,987 citations	147801 31 h-index	182427 51 g-index
103 all docs	103 docs citations	103 times ranked	4615 citing authors

#	Article	IF	Citations
1	Caffeic acid, a phenolic phytochemical in coffee, directly inhibits Fyn kinase activity and UVB-induced COX-2 expression. Carcinogenesis, 2008, 30, 321-330.	2.8	176
2	Myricetin Suppresses UVB-Induced Skin Cancer by Targeting Fyn. Cancer Research, 2008, 68, 6021-6029.	0.9	145
3	Luteolin Inhibits Protein Kinase CÏµ and c-Src Activities and UVB-Induced Skin Cancer. Cancer Research, 2010, 70, 2415-2423.	0.9	112
4	Kaempferol inhibits UVB-induced COX-2 expression by suppressing Src kinase activity. Biochemical Pharmacology, 2010, 80, 2042-2049.	4.4	108
5	Epigallocatechin-gallate Suppresses Tumorigenesis by Directly Targeting Pin1. Cancer Prevention Research, 2011, 4, 1366-1377.	1.5	99
6	Myricetin suppresses UVB-induced wrinkle formation and MMP-9 expression by inhibiting Raf. Biochemical Pharmacology, 2010, 79, 1455-1461.	4.4	98
7	Delphinidin suppresses ultraviolet B-induced cyclooxygenases-2 expression through inhibition of MAPKK4 and PI-3 kinase. Carcinogenesis, 2009, 30, 1932-1940.	2.8	95
8	ERK1 phosphorylates Nanog to regulate protein stability and stem cell self-renewal. Stem Cell Research, 2014, 13, 1-11.	0.7	91
9	Isorhamnetin Suppresses Skin Cancer through Direct Inhibition of MEK1 and PI3-K. Cancer Prevention Research, 2011, 4, 582-591.	1.5	90
10	Isoliquiritigenin Induces Apoptosis and Inhibits Xenograft Tumor Growth of Human Lung Cancer Cells by Targeting Both Wild Type and L858R/T790M Mutant EGFR. Journal of Biological Chemistry, 2014, 289, 35839-35848.	3.4	88
11	Synthesis, characterization, and functional properties of chlorophylls, pheophytins, and Zn-pheophytins. Food Chemistry, 2018, 245, 943-950.	8.2	88
12	Curcumin Suppresses Proliferation of Colon Cancer Cells by Targeting CDK2. Cancer Prevention Research, 2014, 7, 466-474.	1.5	86
13	Myricetin is a potent chemopreventive phytochemical in skin carcinogenesis. Annals of the New York Academy of Sciences, 2011, 1229, 124-132.	3.8	71
14	Myricetin inhibits UVB-induced angiogenesis by regulating PI-3 kinase in vivo. Carcinogenesis, 2010, 31, 911-917.	2.8	70
15	7,3â€²,4â€²-Trihydroxyisoflavone, a Metabolite of the Soy Isoflavone Daidzein, Suppresses Ultraviolet B-induced Skin Cancer by Targeting Cot and MKK4. Journal of Biological Chemistry, 2011, 286, 14246-14256.	3.4	68
16	Cyanidin suppresses ultraviolet B-induced COX-2 expression in epidermal cells by targeting MKK4, MEK1, and Raf-1. Biochemical Pharmacology, 2010, 79, 1473-1482.	4.4	62
17	Structural, antioxidant, prebiotic and anti-inflammatory properties of pectic oligosaccharides hydrolyzed from okra pectin by Fenton reaction. Food Hydrocolloids, 2021, 118, 106779.	10.7	59
18	Esculetin Suppresses Proliferation of Human Colon Cancer Cells by Directly Targeting Î²-Catenin. Cancer Prevention Research, 2013, 6, 1356-1364.	1.5	56

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19	Cocoa polyphenols suppress TNF-Î±-induced vascular endothelial growth factor expression by inhibiting phosphoinositide 3-kinase (PI3K) and mitogen-activated protein kinase kinase-1 (MEK1) activities in mouse epidermal cells. British Journal of Nutrition, 2010, 104, 957-964.	2.3	51
20	6,7,4'-Trihydroxyisoflavone inhibits HCT-116 human colon cancer cell proliferation by targeting CDK1 and CDK2. Carcinogenesis, 2011, 32, 629-635.	2.8	50
21	Syringic acid prevents skin carcinogenesis via regulation of NoX and EGFR signaling. Biochemical Pharmacology, 2018, 154, 435-445.	4.4	50
22	Butein, a novel dual inhibitor of MET and EGFR, overcomes gefitinibâ€resistant lung cancer growth. Molecular Carcinogenesis, 2015, 54, 322-331.	2.7	47
23	Anticancer activity of paroxetine in human colon cancer cells: Involvement of MET and ERBB3. Journal of Cellular and Molecular Medicine, 2019, 23, 1106-1115.	3.6	41
24	Structural and Functional Analysis of the Natural JNK1 Inhibitor Quercetagetin. Journal of Molecular Biology, 2013, 425, 411-423.	4.2	40
25	The characterization, selenylation and anti-inflammatory activity of pectic polysaccharides extracted from Ulmus pumila L.. International Journal of Biological Macromolecules, 2018, 111, 311-318.	7.5	39
26	<scp>NADPH</scp> oxidase is a novel target of delphinidin for the inhibition of <scp>UVB</scp>â€induced <scp>MMP</scp>â€1 expression in human dermal fibroblasts. Experimental Dermatology, 2013, 22, 428-430.	2.9	38
27	The Role of Heterodimeric AP-1 Protein Comprised of JunD and c-Fos Proteins in Hematopoiesis. Journal of Biological Chemistry, 2012, 287, 31342-31348.	3.4	35
28	Raf and PI3K are the Molecular Targets for the Antiâ€metastatic Effect of Luteolin. Phytotherapy Research, 2013, 27, 1481-1488.	5.8	35
29	High yield ultrasonication extraction method for Undaria pinnatifida sporophyll and its anti-inflammatory properties associated with AP-1 pathway suppression. LWT - Food Science and Technology, 2015, 64, 1315-1322.	5.2	34
30	Naringenin targets <scp>ERK</scp>2 and suppresses <scp>UVB</scp>â€induced photoaging. Journal of Cellular and Molecular Medicine, 2016, 20, 909-919.	3.6	34
31	The P110 subunit of PI3-K is a therapeutic target of acacetin in skin cancer. Carcinogenesis, 2014, 35, 123-130.	2.8	33
32	Protective effect of Tremella fuciformis Berk extract on LPS-induced acute inflammation via inhibition of the NF-Î²B and MAPK pathways. Food and Function, 2016, 7, 3263-3272.	4.6	31
33	The Ginsenoside 20-O-Î²-D-Glucopyranosyl-20(S)-Protopanaxadiol Induces Autophagy and Apoptosis in Human Melanoma via AMPK/JNK Phosphorylation. PLoS ONE, 2014, 9, e104305.	2.5	31
34	5-Deoxykaempferol Plays a Potential Therapeutic Role by Targeting Multiple Signaling Pathways in Skin Cancer. Cancer Prevention Research, 2010, 3, 454-465.	1.5	29
35	Luteolin, a Novel Natural Inhibitor of Tumor Progression Locus 2 Serine/Threonine Kinase, Inhibits Tumor Necrosis Factor-Î±-Induced Cyclooxygenase-2 Expression in JB6 Mouse Epidermis Cells. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 1013-1022.	2.5	29
36	Rheological properties of a neutral polysaccharide extracted from maca (Lepidium meyenii Walp.) roots with prebiotic and anti-inflammatory activities. International Journal of Biological Macromolecules, 2020, 152, 757-765.	7.5	29

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37	Anthricin Isolated fromAnthriscus sylvestris(L.) Hoffm. Inhibits the Growth of Breast Cancer Cells by Inhibiting Akt/mTOR Signaling, and Its Apoptotic Effects Are Enhanced by Autophagy Inhibition. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	1.2	27
38	Fyn is a redox sensor involved in solar ultraviolet light-induced signal transduction in skin carcinogenesis. Oncogene, 2016, 35, 4091-4101.	5.9	26
39	Development of industrial ultrasound system for mass production of collagen and biochemical characteristics of extracted collagen. Food and Bioproducts Processing, 2018, 110, 96-103.	3.6	25
40	Ultrasonicated Lespedeza cuneata extract prevents TNF-Î±-induced early atherosclerosis in vitro and in vivo. Food and Function, 2018, 9, 2090-2101.	4.6	23
41	MLK3 is a direct target of biochanin A, which plays a role in solar UV-induced COX-2 expression in human keratinocytes. Biochemical Pharmacology, 2013, 86, 896-903.	4.4	20
42	Cellulose nanocrystal preparation from Gelidium amansii and analysis of its anti-inflammatory effect on the skin in vitro and in vivo. Carbohydrate Polymers, 2021, 254, 117315.	10.2	20
43	1,8-cineole prevents UVB-induced skin carcinogenesis by targeting the aryl hydrocarbon receptor. Oncotarget, 2017, 8, 105995-106008.	1.8	20
44	Discovery of the Novel mTOR Inhibitor and Its Antitumor Activities In Vitro and In Vivo. Molecular Cancer Therapeutics, 2013, 12, 950-958.	4.1	19
45	Identification of mammalian target of rapamycin as a direct target of fenretinide both in vitro and in vivo. Carcinogenesis, 2012, 33, 1814-1821.	2.8	17
46	Highly bioavailable nanocalcium from oyster shell for preventing osteoporosis in rats. International Journal of Food Sciences and Nutrition, 2017, 68, 931-940.	2.8	17
47	Preventive effect of Rhus javanica extract on UVB-induced skin inflammation and photoaging. Journal of Functional Foods, 2016, 27, 589-599.	3.4	16
48	Mitochondrial carnitine palmitoyltransferase 2 is involved in NÎµ-(carboxymethyl)-lysine-mediated diabetic nephropathy. Pharmacological Research, 2020, 152, 104600.	7.1	16
49	Preparation of cellulose microfibril (CMF) from Gelidium amansii and feasibility of CMF as a cosmetic ingredient. Carbohydrate Polymers, 2021, 257, 117569.	10.2	16
50	Anthocyanidins, novel FAK inhibitors, attenuate PDGF-BB-induced aortic smooth muscle cell migration and neointima formation. Cardiovascular Research, 2014, 101, 503-512.	3.8	15
51	Acrylamide up-regulates cyclooxygenase-2 expression through the MEK/ERK signaling pathway in mouse epidermal cells. Food and Chemical Toxicology, 2011, 49, 1249-1254.	3.6	14
52	<scp>MLK</scp>3 is a novel target of dehydroglyasperin D for the reduction in <scp>UVB</scp>â€induced <scp>COX</scp>â€2 expression in vitro and in vivo. Journal of Cellular and Molecular Medicine, 2015, 19, 135-142.	3.6	14
53	The Prolyl Isomerase Pin1 Is a Novel Target of 6,7,4â€²-Trihydroxyisoflavone for Suppressing Esophageal Cancer Growth. Cancer Prevention Research, 2017, 10, 308-318.	1.5	14
54	Nutraceuticals for prevention of atherosclerosis: Targeting monocyte infiltration to the vascular endothelium. Journal of Food Biochemistry, 2020, 44, e13200.	2.9	14

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55	Genomic-, phenotypic-, and toxicity-based safety assessment and probiotic potency of Bacillus coagulans IDCC 1201 isolated from green malt. Journal of Industrial Microbiology and Biotechnology, 2021, 48, .	3.0	14
56	Inhibitory effect of ERK1/2 and AP-1 by hyperoside isolated from Acanthopanax sessiliflorus. Food Chemistry, 2012, 130, 915-920.	8.2	13
57	Persimmon peel extract attenuates PDGF-BB-induced human aortic smooth muscle cell migration and invasion through inhibition of c-Src activity. Food Chemistry, 2013, 141, 3309-3316.	8.2	13
58	Effects of salts on ultrasonic extraction of protein from porcine myocardium. Food and Bioproducts Processing, 2018, 108, 12-17.	3.6	13
59	Dehydroglyasperin C suppresses TPA-induced cell transformation through direct inhibition of MKK4 and PI3K. Molecular Carcinogenesis, 2016, 55, 552-562.	2.7	12
60	Antioxidant Effect of Wheat Germ Extracts and Their Antilipidemic Effect in Palmitic Acid-Induced Steatosis in HepG2 and 3T3-L1 Cells. Foods, 2021, 10, 1061.	4.3	12
61	Physiological Properties of Sarcodon aspratus Extracts by Ethanol Concentration. Journal of the Korean Society of Food Science and Nutrition, 2014, 43, 656-660.	0.9	12
62	Oral Administration of Achyranthis radix Extract Prevents TMA-induced Allergic Contact Dermatitis by Regulating Th2 Cytokine and Chemokine Production in Vivo. Molecules, 2015, 20, 21584-21596.	3.8	11
63	Paeonia lactiflora Root Extract and Its Components Reduce Biomarkers of Early Atherosclerosis via Anti-Inflammatory and Antioxidant Effects In Vitro and In Vivo. Antioxidants, 2021, 10, 1507.	5.1	11
64	Croton hirtus L'HÃ©r Extract Prevents Inflammation in RAW264.7 Macrophages Via Inhibition of NF-Î²B Signaling Pathway. Journal of Microbiology and Biotechnology, 2020, 30, 490-496.	2.1	11
65	Overexpression of 1-Aminocyclopropane-1-Carboxylic Acid Deaminase (acdS) Gene in Petunia hybrida Improves Tolerance to Abiotic Stresses. Frontiers in Plant Science, 2021, 12, 737490.	3.6	11
66	The CUG-translated WT1, not AUG-WT1, is an oncogene. Carcinogenesis, 2017, 38, 1228-1240.	2.8	10
67	Rice bran supplement prevents UVB-induced skin photoaging in vivo. Bioscience, Biotechnology and Biochemistry, 2018, 82, 320-328.	1.3	10
68	Effects of Time on Phenolics and in vitro Bioactivity in Autoclave Extraction of Graviola (Annona) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	2.6	10
69	Hirsutenone in Alnus extract inhibits akt activity and suppresses prostate cancer cell proliferation. Molecular Carcinogenesis, 2015, 54, 1354-1362.	2.7	9
70	4â€phenylpyridine suppresses <scp>UVB</scp>â€induced skin inflammation by targeting <scp>câ€Src</scp> in vitro and in vivo. Journal of Cellular and Molecular Medicine, 2022, 26, 3891-3901.	3.6	9
71	Analgesic Effect of <i>Ilex paraguariensis</i> Extract on Postoperative and Neuropathic Pain in Rats. Biological and Pharmaceutical Bulletin, 2015, 38, 1573-1579.	1.4	8
72	Silkworm dropping extract ameliorate trimellitic anhydride-induced allergic contact dermatitis by regulating Th1/Th2 immune response. Bioscience, Biotechnology and Biochemistry, 2018, 82, 1531-1538.	1.3	8

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73	Kmeria duperreana (Pierre) Dandy Extract Suppresses LPS-Induced iNOS and NO via Regulation of NF-Î°B Pathways and p38 in Murin Macrophage RAW 264.7 Cells. Preventive Nutrition and Food Science, 2020, 25, 166-172.	1.6	8
74	Bioactivities and action mechanisms of Acanthopanax species. Food Science and Biotechnology, 2012, 21, 1227-1233.	2.6	7
75	Protein Extraction from Porcine Myocardium Using Ultrasonication. Journal of Food Science, 2017, 82, 1059-1065.	3.1	7
76	Smilax guianensis Vitman Extract Prevents LPS-Induced Inflammation by Inhibiting the NF-Î°B Pathway in RAW 264.7 Cells. Journal of Microbiology and Biotechnology, 2020, 30, 822-829.	2.1	7
77	Cyanidin-3-O-(2â€³-xylosyl)-glucoside, an anthocyanin from Siberian ginseng (Acanthopanax senticosus) fruits, inhibits UVB-induced COX-2 expression and AP-1 transactivation. Food Science and Biotechnology, 2013, 22, 507-513.	2.6	6
78	Ethanol Extract of Sarcodon asparatus Mitigates Inflammatory Responses in Lipopolysaccharide-Challenged Mice and Murine Macrophages. Journal of Medicinal Food, 2015, 18, 1198-1206.	1.5	6
79	White ginseng extract induces immunomodulatory effects via the MKK4-JNK pathway. Food Science and Biotechnology, 2016, 25, 1737-1744.	2.6	6
80	Green Pepper (Piper nigrum L.) Extract Suppresses Oxidative Stress and LPS-Induced Inflammation via Regulation of JNK Signaling Pathways. Applied Sciences (Switzerland), 2020, 10, 2519.	2.5	6
81	Fermented Rice Germ Extract Ameliorates Abnormal Glucose Metabolism via Antioxidant Activity in Type 2 Diabetes Mellitus Mice. Applied Sciences (Switzerland), 2021, 11, 3091.	2.5	6
82	Analysis of the Chemical, Antioxidant, and Anti-Inflammatory Properties of Pink Pepper (Schinus molle) Tj ETQq0 0 0 rgBT /Overlock 10 T	5.1	6
83	The retinoic acid derivative, ABPN, inhibits pancreatic cancer through induction of Nrdp1. Carcinogenesis, 2015, 36, bgv148.	2.8	5
84	Sargassum miyabei Yendo Brown Algae Exert Anti-Oxidative and Anti-AdipogenicEffects on 3T3-L1 Adipocytes by Downregulating PPARÎ³. Medicina (Lithuania), 2020, 56, 634.	2.0	5
85	Quality Characteristics of Sikhye made with Berries. Journal of the East Asian Society of Dietary Life, 2015, 25, 1007.	0.6	5
86	Black soybean (Glycine max cv. Heugmi) seed coat extract suppresses TPA or UVB-induced COX-2 expression by blocking mitogen activated protein kinases pathway in mouse skin epithelial cells. Food Science and Biotechnology, 2011, 20, 1735-1741.	2.6	4
87	MMP-1 suppressing activity of high-molecular weight fraction isolated from the roots of Cynanchum wilfordii Hemsley. Journal of Functional Foods, 2018, 40, 329-335.	3.4	4
88	Mineral-rich Jeju lava sea water suppresses lipid accumulation in 3T3-L1 adipocytes and ameliorates high-fat diet-induced obesity in C57BL/6Â mice. Food Science and Biotechnology, 2021, 30, 299-304.	2.6	4
89	Dehydroglyasperin D Inhibits the Proliferation of HT-29 Human Colorectal Cancer Cells Through Direct Interaction With Phosphatidylinositol 3-kinase. Journal of Cancer Prevention, 2016, 21, 26-31.	2.0	4
90	NADPH Oxidase and Epidermal Growth Factor Receptor Are Promising Targets of Phytochemicals for Ultraviolet-Induced Skin Carcinogenesis. Antioxidants, 2021, 10, 1909.	5.1	4

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91	Genetic ablation of caspase-7 promotes solar-simulated light-induced mouse skin carcinogenesis: the involvement of keratin-17. Carcinogenesis, 2015, 36, 1372-1380.	2.8	3
92	Preventive effect of Ephedra sinica extract on UVB-induced COX-2 and MMP-1 expression. Food Science and Biotechnology, 2018, 27, 1157-1163.	2.6	3
93	Anti-Inflammatory and Antioxidant Effects of Soroseris hirsuta Extract by Regulating iNOS/NF-Î¹B and NRF2/HO-1 Pathways in Murine Macrophage RAW 264.7 Cells. Applied Sciences (Switzerland), 2021, 11, 4711.	2.5	3
94	Erythorbyl laurate suppresses TNF-Î±-induced adhesion of monocytes to the vascular endothelium. Journal of Functional Foods, 2021, 80, 104428.	3.4	3
95	Quality Characteristics of Sikhye added with Mulberry (Morus alba L.) Fruit Concentrate. Journal of the East Asian Society of Dietary Life, 2016, 26, 44-54.	0.6	3
96	Preventive effect of Curcuma zedoaria extract on UVB-induced skin inflammation and photoaging. Journal of Food Biochemistry, 2018, 42, e12598.	2.9	2
97	Piper nigrum Fruit Extract Prevents TMA-Induced Allergic Contact Dermatitis by Regulating Th2 Cytokine Production. Journal of Agricultural Science, 2015, 7, .	0.2	1
98	Abstract 167: Myricetin suppresses UVB-induced photoaging, skin cancer, and angiogenesis by targeting multiple kinases. Cancer Research, 2012, 72, 167-167.	0.9	1
99	Abstract 2589: The P110 subunit of PI3-K is a therapeutic target of acacetin in skin cancer.. , 2013, , .		0
100	Abstract 2235: Epigallocatechin-gallate suppresses tumorigenesis by directly targeting Pin1.. , 2013, , .		0
101	Abstract 1917: Targeting wildtype and L858R/T790M mutant EGFR by isoliquiritigenin induces apoptosis and Inhibits tumor growth of NSCLC. , 2015, , .		0
102	Capsicum annuum L. cv. DANGJO ameliorated hyperglycemia in type 2 diabetes animal model induced by high-fat diet and streptozotocin. Food Science and Biotechnology, 0, , 1.	2.6	0