

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
19	Rheological properties of a neutral polysaccharide extracted from maca (<i>Lepidium meyenii</i> Walp.) roots with prebiotic and anti-inflammatory activities. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 757-765.	7.5	29
20	Green Pepper (<i>Piper nigrum</i> L.) Extract Suppresses Oxidative Stress and LPS-Induced Inflammation via Regulation of JNK Signaling Pathways. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2519.	2.5	6
21	<i>Kmeria duperreana</i> (Pierre) Dandy Extract Suppresses LPS-Induced iNOS and NO via Regulation of NF- κ B Pathways and p38 in Murin Macrophage RAW 264.7 Cells. <i>Preventive Nutrition and Food Science</i> , 2020, 25, 166-172.	1.6	8
22	<i>Croton hirtus</i> L'HÃ©r Extract Prevents Inflammation in RAW264.7 Macrophages Via Inhibition of NF- κ B Signaling Pathway. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 490-496.	2.1	11
23	<i>Smilax guianensis</i> Vitman Extract Prevents LPS-Induced Inflammation by Inhibiting the NF- κ B Pathway in RAW 264.7 Cells. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 822-829.	2.1	7
24	Anticancer activity of paroxetine in human colon cancer cells: Involvement of MET and ERBB3. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1106-1115.	3.6	41
25	Preventive effect of <i>Ephedra sinica</i> extract on UVB-induced COX-2 and MMP-1 expression. <i>Food Science and Biotechnology</i> , 2018, 27, 1157-1163.	2.6	3
26	Development of industrial ultrasound system for mass production of collagen and biochemical characteristics of extracted collagen. <i>Food and Bioproducts Processing</i> , 2018, 110, 96-103.	3.6	25
27	Effects of salts on ultrasonic extraction of protein from porcine myocardium. <i>Food and Bioproducts Processing</i> , 2018, 108, 12-17.	3.6	13
28	Rice bran supplement prevents UVB-induced skin photoaging in vivo. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 320-328.	1.3	10
29	The characterization, selenylation and anti-inflammatory activity of pectic polysaccharides extracted from <i>Ulmus pumila</i> L.. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 311-318.	7.5	39
30	Ultrasonicated <i>Lespedeza cuneata</i> extract prevents TNF- α -induced early atherosclerosis in vitro and in vivo. <i>Food and Function</i> , 2018, 9, 2090-2101.	4.6	23
31	Synthesis, characterization, and functional properties of chlorophylls, pheophytins, and Zn-pheophytins. <i>Food Chemistry</i> , 2018, 245, 943-950.	8.2	88
32	MMP-1 suppressing activity of high-molecular weight fraction isolated from the roots of <i>Cynanchum wilfordii</i> Hemsley. <i>Journal of Functional Foods</i> , 2018, 40, 329-335.	3.4	4
33	Preventive effect of <i>Curcuma zedoaria</i> extract on UVB-induced skin inflammation and photoaging. <i>Journal of Food Biochemistry</i> , 2018, 42, e12598.	2.9	2
34	Silkworm dropping extract ameliorate trimellitic anhydride-induced allergic contact dermatitis by regulating Th1/Th2 immune response. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 1531-1538.	1.3	8
35	Syringic acid prevents skin carcinogenesis via regulation of NoX and EGFR signaling. <i>Biochemical Pharmacology</i> , 2018, 154, 435-445.	4.4	50
36	Highly bioavailable nanocalcium from oyster shell for preventing osteoporosis in rats. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 931-940.	2.8	17

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37	Protein Extraction from Porcine Myocardium Using Ultrasonication. <i>Journal of Food Science</i> , 2017, 82, 1059-1065.	3.1	7
38	The Prolyl Isomerase Pin1 Is a Novel Target of 6,7,4-Trihydroxyisoflavone for Suppressing Esophageal Cancer Growth. <i>Cancer Prevention Research</i> , 2017, 10, 308-318.	1.5	14
39	The CUG-translated WT1, not AUG-WT1, is an oncogene. <i>Carcinogenesis</i> , 2017, 38, 1228-1240.	2.8	10
40	1,8-cineole prevents UVB-induced skin carcinogenesis by targeting the aryl hydrocarbon receptor. <i>Oncotarget</i> , 2017, 8, 105995-106008.	1.8	20
41	Dehydroglyasperin C suppresses TPA-induced cell transformation through direct inhibition of MKK4 and PI3K. <i>Molecular Carcinogenesis</i> , 2016, 55, 552-562.	2.7	12
42	White ginseng extract induces immunomodulatory effects via the MKK4-JNK pathway. <i>Food Science and Biotechnology</i> , 2016, 25, 1737-1744.	2.6	6
43	Naringenin targets ERK2 and suppresses UVB-induced photoaging. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 909-919.	3.6	34
44	Preventive effect of <i>Rhus javanica</i> extract on UVB-induced skin inflammation and photoaging. <i>Journal of Functional Foods</i> , 2016, 27, 589-599.	3.4	16
45	Protective effect of <i>Tremella fuciformis</i> Berk extract on LPS-induced acute inflammation via inhibition of the NF- κ B and MAPK pathways. <i>Food and Function</i> , 2016, 7, 3263-3272.	4.6	31
46	Fyn is a redox sensor involved in solar ultraviolet light-induced signal transduction in skin carcinogenesis. <i>Oncogene</i> , 2016, 35, 4091-4101.	5.9	26
47	Dehydroglyasperin D Inhibits the Proliferation of HT-29 Human Colorectal Cancer Cells Through Direct Interaction With Phosphatidylinositol 3-kinase. <i>Journal of Cancer Prevention</i> , 2016, 21, 26-31.	2.0	4
48	Quality Characteristics of Sikhye added with Mulberry (<i>Morus alba</i> L.) Fruit Concentrate. <i>Journal of the East Asian Society of Dietary Life</i> , 2016, 26, 44-54.	0.6	3
49	MLK3 is a novel target of dehydroglyasperin D for the reduction in UVB-induced COX2 expression <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 135-142.	3.6	14
50	Analgesic Effect of <i>Ilex paraguariensis</i> Extract on Postoperative and Neuropathic Pain in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 1573-1579.	1.4	8
51	Piper nigrum Fruit Extract Prevents TMA-Induced Allergic Contact Dermatitis by Regulating Th2 Cytokine Production. <i>Journal of Agricultural Science</i> , 2015, 7, .	0.2	1
52	Oral Administration of <i>Achyranthis radix</i> Extract Prevents TMA-induced Allergic Contact Dermatitis by Regulating Th2 Cytokine and Chemokine Production <i>In Vivo</i> . <i>Molecules</i> , 2015, 20, 21584-21596.	3.8	11
53	Ethanol Extract of <i>Sarcodon asparatus</i> Mitigates Inflammatory Responses in Lipopolysaccharide-Challenged Mice and Murine Macrophages. <i>Journal of Medicinal Food</i> , 2015, 18, 1198-1206.	1.5	6
54	Butein, a novel dual inhibitor of MET and EGFR, overcomes gefitinib-resistant lung cancer growth. <i>Molecular Carcinogenesis</i> , 2015, 54, 322-331.	2.7	47

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55	The retinoic acid derivative, ABPN, inhibits pancreatic cancer through induction of Nrdp1. <i>Carcinogenesis</i> , 2015, 36, bgv148.	2.8	5
56	High yield ultrasonication extraction method for <i>Undaria pinnatifida</i> sporophyll and its anti-inflammatory properties associated with AP-1 pathway suppression. <i>LWT - Food Science and Technology</i> , 2015, 64, 1315-1322.	5.2	34
57	Genetic ablation of caspase-7 promotes solar-simulated light-induced mouse skin carcinogenesis: the involvement of keratin-17. <i>Carcinogenesis</i> , 2015, 36, 1372-1380.	2.8	3
58	Hirsutenone in <i>Alnus</i> extract inhibits akt activity and suppresses prostate cancer cell proliferation. <i>Molecular Carcinogenesis</i> , 2015, 54, 1354-1362.	2.7	9
59	Abstract 1917: Targeting wildtype and L858R/T790M mutant EGFR by isoliquiritigenin induces apoptosis and Inhibits tumor growth of NSCLC. , 2015, , .		0
60	Quality Characteristics of Sikhye made with Berries. <i>Journal of the East Asian Society of Dietary Life</i> , 2015, 25, 1007.	0.6	5
61	Isoliquiritigenin Induces Apoptosis and Inhibits Xenograft Tumor Growth of Human Lung Cancer Cells by Targeting Both Wild Type and L858R/T790M Mutant EGFR. <i>Journal of Biological Chemistry</i> , 2014, 289, 35839-35848.	3.4	88
62	Anthocyanidins, novel FAK inhibitors, attenuate PDGF-BB-induced aortic smooth muscle cell migration and neointima formation. <i>Cardiovascular Research</i> , 2014, 101, 503-512.	3.8	15
63	The P110 subunit of PI3-K is a therapeutic target of acacetin in skin cancer. <i>Carcinogenesis</i> , 2014, 35, 123-130.	2.8	33
64	Curcumin Suppresses Proliferation of Colon Cancer Cells by Targeting CDK2. <i>Cancer Prevention Research</i> , 2014, 7, 466-474.	1.5	86
65	ERK1 phosphorylates Nanog to regulate protein stability and stem cell self-renewal. <i>Stem Cell Research</i> , 2014, 13, 1-11.	0.7	91
66	The Ginsenoside 20-O- β -D-Glucopyranosyl-20(S)-Protopanaxadiol Induces Autophagy and Apoptosis in Human Melanoma via AMPK/JNK Phosphorylation. <i>PLoS ONE</i> , 2014, 9, e104305.	2.5	31
67	Physiological Properties of <i>Sarcodon aspratus</i> Extracts by Ethanol Concentration. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2014, 43, 656-660.	0.9	12
68	Raf and PI3K are the Molecular Targets for the Anti-metastatic Effect of Luteolin. <i>Phytotherapy Research</i> , 2013, 27, 1481-1488.	5.8	35
69	Persimmon peel extract attenuates PDGF-BB-induced human aortic smooth muscle cell migration and invasion through inhibition of c-Src activity. <i>Food Chemistry</i> , 2013, 141, 3309-3316.	8.2	13
70	MLK3 is a direct target of biochanin A, which plays a role in solar UV-induced COX-2 expression in human keratinocytes. <i>Biochemical Pharmacology</i> , 2013, 86, 896-903.	4.4	20
71	Structural and Functional Analysis of the Natural JNK1 Inhibitor Quercetagenin. <i>Journal of Molecular Biology</i> , 2013, 425, 411-423.	4.2	40
72	Cyanidin-3-O-(β -xylosyl)-glucoside, an anthocyanin from Siberian ginseng (<i>Acanthopanax senticosus</i>) fruits, inhibits UVB-induced COX-2 expression and AP-1 transactivation. <i>Food Science and Biotechnology</i> , 2013, 22, 507-513.	2.6	6

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73	<sc>NADPH</sc> oxidase is a novel target of delphinidin for the inhibition of <sc>UVB</sc>-induced <sc>MMP</sc> expression in human dermal fibroblasts. <i>Experimental Dermatology</i> , 2013, 22, 428-430.	2.9	38
74	Esculetin Suppresses Proliferation of Human Colon Cancer Cells by Directly Targeting β -Catenin. <i>Cancer Prevention Research</i> , 2013, 6, 1356-1364.	1.5	56
75	Discovery of the Novel mTOR Inhibitor and Its Antitumor Activities <i>In Vitro</i> and <i>In Vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2013, 12, 950-958.	4.1	19
76	Anthriscin Isolated from <i>Anthriscus sylvestris</i> (L.) Hoffm. Inhibits the Growth of Breast Cancer Cells by Inhibiting Akt/mTOR Signaling, and Its Apoptotic Effects Are Enhanced by Autophagy Inhibition. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	1.2	27
77	Abstract 2589: The P110 subunit of PI3-K is a therapeutic target of acacetin in skin cancer.. , 2013, , .		0
78	Abstract 2235: Epigallocatechin-gallate suppresses tumorigenesis by directly targeting Pin1.. , 2013, , .		0
79	The Role of Heterodimeric AP-1 Protein Comprised of JunD and c-Fos Proteins in Hematopoiesis. <i>Journal of Biological Chemistry</i> , 2012, 287, 31342-31348.	3.4	35
80	Identification of mammalian target of rapamycin as a direct target of fenretinide both in vitro and in vivo. <i>Carcinogenesis</i> , 2012, 33, 1814-1821.	2.8	17
81	Bioactivities and action mechanisms of <i>Acanthopanax</i> species. <i>Food Science and Biotechnology</i> , 2012, 21, 1227-1233.	2.6	7
82	Inhibitory effect of ERK1/2 and AP-1 by hyperoside isolated from <i>Acanthopanax sessiliflorus</i> . <i>Food Chemistry</i> , 2012, 130, 915-920.	8.2	13
83	Abstract 167: Myricetin suppresses UVB-induced photoaging, skin cancer, and angiogenesis by targeting multiple kinases. <i>Cancer Research</i> , 2012, 72, 167-167.	0.9	1
84	Epigallocatechin-gallate Suppresses Tumorigenesis by Directly Targeting Pin1. <i>Cancer Prevention Research</i> , 2011, 4, 1366-1377.	1.5	99
85	Acrylamide up-regulates cyclooxygenase-2 expression through the MEK/ERK signaling pathway in mouse epidermal cells. <i>Food and Chemical Toxicology</i> , 2011, 49, 1249-1254.	3.6	14
86	Myricetin is a potent chemopreventive phytochemical in skin carcinogenesis. <i>Annals of the New York Academy of Sciences</i> , 2011, 1229, 124-132.	3.8	71
87	Black soybean (<i>Glycine max</i> 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. <i>Food Science and Biotechnology</i> , 2011, 20, 1735-1741.	2.6	4
88	Isorhamnetin Suppresses Skin Cancer through Direct Inhibition of MEK1 and PI3-K. <i>Cancer Prevention Research</i> , 2011, 4, 582-591.	1.5	90
89	Luteolin, a Novel Natural Inhibitor of Tumor Progression Locus 2 Serine/Threonine Kinase, Inhibits Tumor Necrosis Factor- α -Induced Cyclooxygenase-2 Expression in JB6 Mouse Epidermis Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 338, 1013-1022.	2.5	29
90	6,7,4'-Trihydroxyisoflavone inhibits HCT-116 human colon cancer cell proliferation by targeting CDK1 and CDK2. <i>Carcinogenesis</i> , 2011, 32, 629-635.	2.8	50

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91	7,3â€²,4â€²-Trihydroxyisoflavone, a Metabolite of the Soy Isoflavone Daidzein, Suppresses Ultraviolet B-induced Skin Cancer by Targeting Cot and MKK4. <i>Journal of Biological Chemistry</i> , 2011, 286, 14246-14256.	3.4	68
92	Myricetin suppresses UVB-induced wrinkle formation and MMP-9 expression by inhibiting Raf. <i>Biochemical Pharmacology</i> , 2010, 79, 1455-1461.	4.4	98
93	Cyanidin suppresses ultraviolet B-induced COX-2 expression in epidermal cells by targeting MKK4, MEK1, and Raf-1. <i>Biochemical Pharmacology</i> , 2010, 79, 1473-1482.	4.4	62
94	Kaempferol inhibits UVB-induced COX-2 expression by suppressing Src kinase activity. <i>Biochemical Pharmacology</i> , 2010, 80, 2042-2049.	4.4	108
95	Myricetin inhibits UVB-induced angiogenesis by regulating PI-3 kinase in vivo. <i>Carcinogenesis</i> , 2010, 31, 911-917.	2.8	70
96	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. <i>British Journal of Nutrition</i> , 2010, 104, 957-964.	2.3	51
97	5-Deoxykaempferol Plays a Potential Therapeutic Role by Targeting Multiple Signaling Pathways in Skin Cancer. <i>Cancer Prevention Research</i> , 2010, 3, 454-465.	1.5	29
98	Luteolin Inhibits Protein Kinase CÎ¼ and c-Src Activities and UVB-Induced Skin Cancer. <i>Cancer Research</i> , 2010, 70, 2415-2423.	0.9	112
99	Delphinidin suppresses ultraviolet B-induced cyclooxygenases-2 expression through inhibition of MAPKK4 and PI-3 kinase. <i>Carcinogenesis</i> , 2009, 30, 1932-1940.	2.8	95
100	Myricetin Suppresses UVB-Induced Skin Cancer by Targeting Fyn. <i>Cancer Research</i> , 2008, 68, 6021-6029.	0.9	145
101	Caffeic acid, a phenolic phytochemical in coffee, directly inhibits Fyn kinase activity and UVB-induced COX-2 expression. <i>Carcinogenesis</i> , 2008, 30, 321-330.	2.8	176
102	Capsicum annuum L. cv. DANGJO ameliorated hyperglycemia in type 2 diabetes animal model induced by high-fat diet and streptozotocin. <i>Food Science and Biotechnology</i> , 0, , 1.	2.6	0