

Jiyoung Kim

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,944
citations

186265
28
h-index

161849
54
g-index

57
all docs

57
docs citations

57
times ranked

5396
citing authors

#	ARTICLE	IF	CITATIONS
1	A protective role of nuclear factor-erythroid 2-related factor-2 (Nrf2) in inflammatory disorders. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 690, 12-23.	1.0	559
2	Naturally occurring phytochemicals for the prevention of Alzheimer's disease. Journal of Neurochemistry, 2010, 112, 1415-1430.	3.9	298
3	Microbial community and metabolomic comparison of irritable bowel syndrome faeces. Journal of Medical Microbiology, 2011, 60, 817-827.	1.8	195
4	Inhibition of p38 and ERK MAP kinases blocks endotoxin-induced nitric oxide production and differentially modulates cytokine expression. Pharmacological Research, 2004, 49, 433-439.	7.1	108
5	Caffeinated coffee, decaffeinated coffee, and the phenolic phytochemical chlorogenic acid up-regulate NQO1 expression and prevent H2O2-induced apoptosis in primary cortical neurons. Neurochemistry International, 2012, 60, 466-474.	3.8	100
6	Increased expression of the receptor for advanced glycation end products in neurons and astrocytes in a triple transgenic mouse model of Alzheimer's disease. Experimental and Molecular Medicine, 2014, 46, e75-e75.	7.7	93
7	Cocoa polyphenols suppress adipogenesis in vitro and obesity in vivo by targeting insulin receptor. International Journal of Obesity, 2013, 37, 584-592.	3.4	92
8	Calcium-Mediated Activation of c-Jun NH2-Terminal Kinase (JNK) and Apoptosis in Response to Cadmium in Murine Macrophages. Toxicological Sciences, 2004, 81, 518-527.	3.1	77
9	Cocoa Phytochemicals: Recent Advances in Molecular Mechanisms on Health. Critical Reviews in Food Science and Nutrition, 2014, 54, 1458-1472.	10.3	68
10	Sulforaphane alleviates scopolamine-induced memory impairment in mice. Pharmacological Research, 2014, 85, 23-32.	7.1	64
11	Decaffeinated coffee prevents scopolamine-induced memory impairment in rats. Behavioural Brain Research, 2013, 245, 113-119.	2.2	56
12	Correlation between Antioxidative Activities and Metabolite Changes during Cheonggukjang Fermentation. Bioscience, Biotechnology and Biochemistry, 2011, 75, 732-739.	1.3	54
13	Cadmium-induced Apoptosis in Murine Macrophages is Antagonized by Antioxidants and Caspase Inhibitors. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2006, 69, 1181-1201.	2.3	53
14	Silymarin Protects Against Liver Damage in BALB/c Mice Exposed to Fumonisin B1 Despite Increasing Accumulation of Free Sphingoid Bases. Toxicological Sciences, 2004, 80, 335-342.	3.1	51
15	tBHQ inhibits LPS-induced microglial activation via Nrf2-mediated suppression of p38 phosphorylation. Biochemical and Biophysical Research Communications, 2009, 380, 449-453.	2.1	51
16	Sulforaphane Upregulates the Heat Shock Protein Co-chaperone CHIP and Clears Amyloid β and Tau in a Mouse Model of Alzheimer's Disease. Molecular Nutrition and Food Research, 2018, 62, e1800240.	3.3	51
17	GC-TOF-MS- and CE-TOF-MS-Based Metabolic Profiling of Cheonggukjang (Fast-Fermented Bean Paste) during Fermentation and Its Correlation with Metabolic Pathways. Journal of Agricultural and Food Chemistry, 2012, 60, 9746-9753.	5.2	50
18	7,8-Dihydroxyisoflavone Attenuates DNCB-Induced Atopic Dermatitis-Like Symptoms in NC/Nga Mice. PLoS ONE, 2014, 9, e104938.	2.5	50

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19	Sulforaphane epigenetically enhances neuronal BDNF expression and TrkB signaling pathways. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600194.	3.3	47
20	Kaempferol Attenuates 4-Hydroxynonenal-Induced Apoptosis in PC12 Cells by Directly Inhibiting NADPH Oxidase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 337, 747-754.	2.5	44
21	Quercetin, the active phenolic component in kiwifruit, prevents hydrogen peroxide-induced inhibition of gap-junction intercellular communication. <i>British Journal of Nutrition</i> , 2010, 104, 164-170.	2.3	39
22	Functional characterization of naturally occurring melittin peptide isoforms in two honey bee species, <i>Apis mellifera</i> and <i>Apis cerana</i> . <i>Peptides</i> , 2014, 53, 185-193.	2.4	37
23	Dihydroceramide is a key metabolite that regulates autophagy and promotes fibrosis in hepatic steatosis model. <i>Biochemical and Biophysical Research Communications</i> , 2017, 494, 460-469.	2.1	37
24	Transcription factor Nrf2 suppresses LPS-induced hyperactivation of BV-2 microglial cells. <i>Journal of Neuroimmunology</i> , 2011, 233, 160-167.	2.3	35
25	3,3'-Diindolylmethane Inhibits Lipopolysaccharide-Induced Microglial Hyperactivation and Attenuates Brain Inflammation. <i>Toxicological Sciences</i> , 2014, 137, 158-167.	3.1	35
26	EXTRACELLULAR SIGNAL-REGULATED KINASE-SIGNALING-DEPENDENT G2/M ARREST AND CELL DEATH IN MURINE MACROPHAGES BY CADMIUM. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 3069.	4.3	32
27	Effect of fermented soybean product (Cheonggukjang) intake on metabolic parameters in mice fed a high-fat diet. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1886-1891.	3.3	32
28	Cyanidin-3-glucoside suppresses B[a]PDE-induced cyclooxygenase-2 expression by directly inhibiting Fyn kinase activity. <i>Biochemical Pharmacology</i> , 2011, 82, 167-174.	4.4	31
29	Pre-Clinical Neuroprotective Evidences and Plausible Mechanisms of Sulforaphane in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2929.	4.1	31
30	CDK2 and mTOR are direct molecular targets of isoangustone A in the suppression of human prostate cancer cell growth. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 12-20.	2.8	30
31	cdc-25.2, a <i>C. elegans</i> ortholog of cdc25, is required to promote oocyte maturation. <i>Journal of Cell Science</i> , 2010, 123, 993-1000.	2.0	29
32	Alantolactone and Isoalantolactone Prevent Amyloid β -Induced Toxicity in Mouse Cortical Neurons and Scopolamine-Induced Cognitive Impairment in Mice. <i>Phytotherapy Research</i> , 2017, 31, 801-811.	5.8	29
33	Eupatilin, a Major Flavonoid of <i>Artemisia</i> , Attenuates Aortic Smooth Muscle Cell Proliferation and Migration by Inhibiting PI3K, MKK3/6, and MKK4 Activities. <i>Planta Medica</i> , 2013, 79, 1009-1016.	1.3	27
34	Rutin inhibits B[a]PDE-induced cyclooxygenase-2 expression by targeting EGFR kinase activity. <i>Biochemical Pharmacology</i> , 2013, 86, 1468-1475.	4.4	26
35	Rg3-enriched ginseng extract ameliorates scopolamine-induced learning deficits in mice. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 66.	3.7	25
36	Ca ²⁺ -permeable TRPV1 pain receptor knockout rescues memory deficits and reduces amyloid- β and tau in a mouse model of Alzheimer's disease. <i>Human Molecular Genetics</i> , 2020, 29, 228-237.	2.9	23

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37	20-O-β-D-glucopyranosyl-20(S)-protopanaxadiol-fortified ginseng extract attenuates the development of atopic dermatitis-like symptoms in NC/Nga mice. <i>Journal of Ethnopharmacology</i> , 2014, 151, 365-371.	4.1	22
38	Fumonisin B1 hepatotoxicity in mice is attenuated by depletion of Kupffer cells by gadolinium chloride. <i>Toxicology</i> , 2005, 207, 137-147.	4.2	21
39	CDC-25.2, a <i>C. elegans</i> ortholog of <i>cdc25</i> , is essential for the progression of intestinal divisions. <i>Cell Cycle</i> , 2016, 15, 654-666.	2.6	21
40	The Anti-Inflammatory Effect of Sulforaphane in Mice with Experimental Autoimmune Encephalomyelitis. <i>Journal of Korean Medical Science</i> , 2019, 34, e197.	2.5	21
41	Suppression of Allergic Diarrhea in Murine Ovalbumin-Induced Allergic Diarrhea Model by PG102, a Water-Soluble Extract Prepared from <i>Actinidia arguta</i> . <i>International Archives of Allergy and Immunology</i> , 2009, 150, 164-171.	2.1	20
42	Licorice-derived dehydroglyasperin C increases MKP-1 expression and suppresses inflammation-mediated neurodegeneration. <i>Neurochemistry International</i> , 2013, 63, 732-740.	3.8	20
43	Lysophospholipid profile in serum and liver by high-fat diet and tumor induction in obesity-resistant BALB/c mice. <i>Nutrition</i> , 2014, 30, 1433-1441.	2.4	19
44	A Mutation of <i>cdc-25.1</i> Causes Defects in Germ Cells But Not in Somatic Tissues in <i>C. elegans</i> . <i>Molecules and Cells</i> , 2009, 28, 43-48.	2.6	17
45	Cocoa (<i>Theobroma cacao</i>) Seeds and Phytochemicals in Human Health. , 2011, , 351-360.		15
46	The Novel Neuroprotective Compound KMS99220 Has an Early Anti-neuroinflammatory Effect via AMPK and HO-1, Independent of Nrf2. <i>Experimental Neurobiology</i> , 2018, 27, 408-418.	1.6	15
47	The Atopic Dermatitis-Like Symptoms Induced by MC903 Were Alleviated in JNK1 Knockout Mice. <i>Toxicological Sciences</i> , 2013, 136, 443-449.	3.1	14
48	LC-MS/MS profiling-based secondary metabolite screening of <i>Myxococcus xanthus</i> . <i>Journal of Microbiology and Biotechnology</i> , 2009, 19, 51-4.	2.1	14
49	The Role of Nrf2 in Cellular Innate Immune Response to Inflammatory Injury. <i>Toxicological Research</i> , 2009, 25, 159-173.	2.1	13
50	Differential regulation of the hydrogen-peroxide-induced inhibition of gap-junction intercellular communication by resveratrol and butylated hydroxyanisole. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 671, 40-44.	1.0	12
51	A Correlation between Antioxidant Activity and Metabolite Release during the Blanching of <i>Chrysanthemum coronarium</i> L. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 674-680.	1.3	11
52	Polyphenols Suppress and Modulate Inflammation. , 2014, , 393-408.		9
53	PG201 downregulates the production of nitrite by upregulating heme oxygenase-1 expression through the control of phosphatidylinositol 3-kinase and NF-E2-related factor 2. <i>Nitric Oxide - Biology and Chemistry</i> , 2013, 33, 42-55.	2.7	7
54	Divalent metal ion-based catalytic mechanism of the Nudix hydrolase Orf153 (YmfB) from <i>Escherichia coli</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 1297-1310.	2.5	5

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55	Coffee and its Active Compounds are Neuroprotective. , 2015, , 423-427.		5
56	Evaluation of the tongue for oscillometric measurement of arterial pressure in anesthetized Beagle dogs. Veterinary Anaesthesia and Analgesia, 2022, 49, 149-155.	0.6	3
57	Effective suppression of nitric oxide production by HX106N through transcriptional control of heme oxygenase-1. Experimental Biology and Medicine, 2015, 240, 1136-1146.	2.4	1