

# Jiyoung Kim

## List of Publications by Year in descending order

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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	Evaluation of the tongue for oscillometric measurement of arterial pressure in anesthetized Beagle dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2022, 49, 149-155.	0.6	3
2	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
3	Ca <sup>2+</sup> -permeable TRPV1 pain receptor knockout rescues memory deficits and reduces amyloid- $\beta$ and tau in a mouse model of Alzheimer's disease. <i>Human Molecular Genetics</i> , 2020, 29, 228-237.	2.9	23
4	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
5	Sulforaphane Upregulates the Heat Shock Protein Co-chaperone CHIP and Clears Amyloid- $\beta$ and Tau in a Mouse Model of Alzheimer's Disease. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800240.	3.3	51
6	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
7	Alantolactone and Isoalantolactone Prevent Amyloid $\beta$ -induced Toxicity in Mouse Cortical Neurons and Scopolamine-induced Cognitive Impairment in Mice. <i>Phytotherapy Research</i> , 2017, 31, 801-811.	5.8	29
8	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
9	Sulforaphane epigenetically enhances neuronal BDNF expression and TrkB signaling pathways. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600194.	3.3	47
10	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
11	Rg3-enriched ginseng extract ameliorates scopolamine-induced learning deficits in mice. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 66.	3.7	25
12	Coffee and its Active Compounds are Neuroprotective. , 2015, , 423-427.		5
13	Effective suppression of nitric oxide production by HX106N through transcriptional control of heme oxygenase-1. <i>Experimental Biology and Medicine</i> , 2015, 240, 1136-1146.	2.4	1
14	7,8-Dihydroxyisoflavone Attenuates DNCB-Induced Atopic Dermatitis-Like Symptoms in NC/Nga Mice. <i>PLoS ONE</i> , 2014, 9, e104938.	2.5	50
15	Increased expression of the receptor for advanced glycation end products in neurons and astrocytes in a triple transgenic mouse model of Alzheimer's disease. <i>Experimental and Molecular Medicine</i> , 2014, 46, e75-e75.	7.7	93
16	Cocoa Phytochemicals: Recent Advances in Molecular Mechanisms on Health. <i>Critical Reviews in Food Science and Nutrition</i> , 2014, 54, 1458-1472.	10.3	68
17	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
18	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

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19	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
20	Polyphenols Suppress and Modulate Inflammation. , 2014, , 393-408.		9
21	3,3'-Diindolylmethane Inhibits Lipopolysaccharide-Induced Microglial Hyperactivation and Attenuates Brain Inflammation. <i>Toxicological Sciences</i> , 2014, 137, 158-167.	3.1	35
22	Sulforaphane alleviates scopolamine-induced memory impairment in mice. <i>Pharmacological Research</i> , 2014, 85, 23-32.	7.1	64
23	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
24	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
25	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
26	Licorice-derived dehydroglyasperin C increases MKP-1 expression and suppresses inflammation-mediated neurodegeneration. <i>Neurochemistry International</i> , 2013, 63, 732-740.	3.8	20
27	Decaffeinated coffee prevents scopolamine-induced memory impairment in rats. <i>Behavioural Brain Research</i> , 2013, 245, 113-119.	2.2	56
28	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
29	Cocoa polyphenols suppress adipogenesis in vitro and obesity in vivo by targeting insulin receptor. <i>International Journal of Obesity</i> , 2013, 37, 584-592.	3.4	92
30	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
31	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
32	Eupatilin, a Major Flavonoid of Artemisia, 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
33	GC-TOF-MS- and CE-TOF-MS-Based Metabolic Profiling of Cheonggukjang (Fast-Fermented Bean Paste) during Fermentation and Its Correlation with Metabolic Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 9746-9753.	5.2	50
34	Caffeinated coffee, decaffeinated coffee, and the phenolic phytochemical chlorogenic acid up-regulate NQO1 expression and prevent H2O2-induced apoptosis in primary cortical neurons. <i>Neurochemistry International</i> , 2012, 60, 466-474.	3.8	100
35	Correlation between Antioxidative Activities and Metabolite Changes during Cheonggukjang Fermentation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 732-739.	1.3	54
36	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

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37	Transcription factor Nrf2 suppresses LPS-induced hyperactivation of BV-2 microglial cells. <i>Journal of Neuroimmunology</i> , 2011, 233, 160-167.	2.3	35
38	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
39	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
40	Microbial community and metabolomic comparison of irritable bowel syndrome faeces. <i>Journal of Medical Microbiology</i> , 2011, 60, 817-827.	1.8	195
41	Cocoa ( <i>Theobroma cacao</i> ) Seeds and Phytochemicals in Human Health. , 2011, , 351-360.		15
42	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
43	A protective role of nuclear factor-erythroid 2-related factor-2 (Nrf2) in inflammatory disorders. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 690, 12-23.	1.0	559
44	Naturally occurring phytochemicals for the prevention of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2010, 112, 1415-1430.	3.9	298
45	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
46	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
47	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
48	A Mutation of cdc-25.1 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
49	tBHQ inhibits LPS-induced microglial activation via Nrf2-mediated suppression of p38 phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 449-453.	2.1	51
50	The Role of Nrf2 in Cellular Innate Immune Response to Inflammatory Injury. <i>Toxicological Research</i> , 2009, 25, 159-173.	2.1	13
51	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
52	Cadmium-induced Apoptosis in Murine Macrophages is Antagonized by Antioxidants and Caspase Inhibitors. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 1181-1201.	2.3	53
53	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
54	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

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55	Silymarin Protects Against Liver Damage in BALB/c Mice Exposed to Fumonisin B1 Despite Increasing Accumulation of Free Sphingoid Bases. <i>Toxicological Sciences</i> , 2004, 80, 335-342.	3.1	51
56	Calcium-Mediated Activation of c-Jun NH2-Terminal Kinase (JNK) and Apoptosis in Response to Cadmium in Murine Macrophages. <i>Toxicological Sciences</i> , 2004, 81, 518-527.	3.1	77
57	Inhibition of p38 and ERK MAP kinases blocks endotoxin-induced nitric oxide production and differentially modulates cytokine expression. <i>Pharmacological Research</i> , 2004, 49, 433-439.	7.1	108