

Nam Joo Kang

List of Publications by Year in descending order

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67
papers

2,830
citations

136740

32
h-index

174990

52
g-index

68
all docs

68
docs citations

68
times ranked

3866
citing authors

#	ARTICLE	IF	CITATIONS
1	Disordered development of gut microbiome interferes with the establishment of the gut ecosystem during early childhood with atopic dermatitis. <i>Gut Microbes</i> , 2022, 14, 2068366.	4.3	20
2	Diet-Induced Host-Microbe Interactions: Personalized Diet Strategies for Improving Inflammatory Bowel Disease. <i>Current Developments in Nutrition</i> , 2022, 6, nzac110.	0.1	7
3	A Genomics-Based Semirational Approach for Expanding the Postbiotic Potential of Collagen Peptides Using Lactobacillaceae. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8365-8376.	2.4	4
4	In Vitro Prebiotic and Anti-Colon Cancer Activities of Agar-Derived Sugars from Red Seaweeds. <i>Marine Drugs</i> , 2021, 19, 213.	2.2	18
5	Acetylated Resveratrol and Oxysresveratrol Suppress UVB-Induced MMP-1 Expression in Human Dermal Fibroblasts. <i>Antioxidants</i> , 2021, 10, 1252.	2.2	8
6	New approaches towards the discovery and evaluation of bioactive peptides from natural resources. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 72-103.	6.6	28
7	7,3,4-Trihydroxyisoflavone, a Metabolite of the Soy Isoflavone Daidzein, Suppresses α -Melanocyte-Stimulating Hormone-Induced Melanogenesis by Targeting Melanocortin 1 Receptor. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 577284.	1.6	12
8	Identification of the MMP-1 regulation mechanism of benzopyrene, polycyclic aromatic hydrocarbons in foods. <i>Korean Journal of Food Preservation</i> , 2020, 27, 627-634.	0.2	0
9	3,6-Anhydro-L-galactose increases hyaluronic acid production via the EGFR and AMPK signaling pathway in HaCaT keratinocytes. <i>Journal of Dermatological Science</i> , 2019, 96, 90-98.	1.0	15
10	Fluorescence-based Quantification of Bioactive Keratin Peptides from Feathers for Optimizing Large-scale Anaerobic Fermentation and Purification. <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 240-249.	1.4	7
11	Penta-1,2,3,4,6-O-Galloyl-D-Glucose Inhibits UVB-Induced Photoaging by Targeting PAK1 and JNK1. <i>Antioxidants</i> , 2019, 8, 561.	2.2	9
12	Ginsenosides Rg5 and Rk1, the skin-whitening agents in black ginseng. <i>Journal of Functional Foods</i> , 2018, 45, 67-74.	1.6	18
13	Low-molecular weight keratins with anti-skin aging activity produced by anaerobic digestion of poultry feathers with <i>Fervidobacterium islandicum</i> AW-1. <i>Journal of Biotechnology</i> , 2018, 271, 17-25.	1.9	34
14	Identification of Matrix Metalloproteinase-1-Suppressive Peptides in Feather Keratin Hydrolysate. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 12719-12729.	2.4	21
15	Beneficial Effects of Marine Algae-Derived Carbohydrates for Skin Health. <i>Marine Drugs</i> , 2018, 16, 459.	2.2	54
16	Effect of 3,6-Anhydro-L-galactose on α -melanocyte stimulating hormone-induced melanogenesis in human melanocytes and a skin-equivalent model. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7643-7656.	1.2	13
17	Different Levels of Skin Whitening Activity among 3,6-Anhydro-L-galactose, Agarooligosaccharides, and Neagarooligosaccharides. <i>Marine Drugs</i> , 2017, 15, 321.	2.2	68
18	A Combination of Soybean and Haematococcus Extract Alleviates Ultraviolet B-Induced Photoaging. <i>International Journal of Molecular Sciences</i> , 2017, 18, 682.	1.8	18

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19	Development of a keratinase activity assay using recombinant chicken feather keratin substrates. PLoS ONE, 2017, 12, e0172712.	1.1	46
20	20-O- β -D-glucopyranosyl-20(S)-protopanaxadiol, a metabolite of ginsenoside Rb1, enhances the production of hyaluronic acid through the activation of ERK and Akt mediated by Src tyrosin kinase in human keratinocytes. International Journal of Molecular Medicine, 2015, 35, 1388-1394.	1.8	28
21	Ginsenoside F1 attenuates hyperpigmentation in B16F10 melanoma cells by inducing dendrite retraction and activating Rho signalling. Experimental Dermatology, 2015, 24, 150-152.	1.4	30
22	3,4-Dihydroxytoluene Inhibits Epidermal Growth Factor-induced Cell Transformation in JB6 P+ Mouse Epidermal Cells by Suppressing Raf-1. The Korean Journal of Food and Nutrition, 2015, 28, 111-118.	0.3	0
23	생체활성 펩티드 기반의 천연물 유래 항산화제. Korean Journal of Food Preservation, 2015, 22, 607-612.	0.2	0
24	Rutin Suppresses Neoplastic Cell Transformation by Inhibiting ERK and JNK Signaling Pathways. The Korean Journal of Food and Nutrition, 2015, 28, 579-585.	0.3	0
25	Quercetin suppresses invasion and migration of H-Ras-transformed MCF10A human epithelial cells by inhibiting phosphatidylinositol 3-kinase. Food Chemistry, 2014, 142, 66-71.	4.2	36
26	20-O- β -D-glucopyranosyl-20(S)-protopanaxadiol Suppresses UVB-induced MMP-1 Expression Through AMPK-mediated mTOR Inhibition as a Downstream of the PKA-LKB1 Pathway. Journal of Cellular Biochemistry, 2014, 115, 1702-1711.	1.2	34
27	Rutin inhibits B[a]PDE-induced cyclooxygenase-2 expression by targeting EGFR kinase activity. Biochemical Pharmacology, 2013, 86, 1468-1475.	2.0	26
28	Enzymatic production of 3,6-anhydro-l-galactose from agarose and its purification and in vitro skin whitening and anti-inflammatory activities. Applied Microbiology and Biotechnology, 2013, 97, 2961-2970.	1.7	96
29	Structural and Functional Analysis of the Natural JNK1 Inhibitor Quercetagenin. Journal of Molecular Biology, 2013, 425, 411-423.	2.0	40
30	Protective effect of rutin against ultraviolet b-induced cyclooxygenase-2 expression in mouse epidermal cells. Food Science and Biotechnology, 2013, 22, 1-6.	1.2	0
31	Cyanidin suppresses neoplastic cell transformation by directly targeting phosphatidylinositol 3-kinase. Food Chemistry, 2012, 133, 658-664.	4.2	22
32	Coffee phenolic phytochemicals suppress colon cancer metastasis by targeting MEK and TOPK. Carcinogenesis, 2011, 32, 921-928.	1.3	107
33	Myricetin is a potent chemopreventive phytochemical in skin carcinogenesis. Annals of the New York Academy of Sciences, 2011, 1229, 124-132.	1.8	71
34	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. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 1013-1022.	1.3	29
35	7,3,4-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.	1.6	68
36	Quercetin, the active phenolic component in kiwifruit, prevents hydrogen peroxide-induced inhibition of gap-junction intercellular communication. British Journal of Nutrition, 2010, 104, 164-170.	1.2	39

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37	Myricetin suppresses UVB-induced wrinkle formation and MMP-9 expression by inhibiting Raf. <i>Biochemical Pharmacology</i> , 2010, 79, 1455-1461.	2.0	98
38	Cocoa polyphenols attenuate hydrogen peroxide-induced inhibition of gap-junction intercellular communication by blocking phosphorylation of connexin 43 via the MEK/ERK signaling pathway. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 680-686.	1.9	21
39	7,3,4-Trihydroxyisoflavone Inhibits Epidermal Growth Factor-induced Proliferation and Transformation of JB6 P+ Mouse Epidermal Cells by Suppressing Cyclin-dependent Kinases and Phosphatidylinositol 3-Kinase. <i>Journal of Biological Chemistry</i> , 2010, 285, 21458-21466.	1.6	40
40	Cocoa polyphenols suppress TNF- α -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.	1.2	51
41	Improved assay for determining the total radical-scavenging capacity of antioxidants and foods. <i>International Journal of Food Sciences and Nutrition</i> , 2009, 60, 12-20.	1.3	7
42	Delphinidin suppresses ultraviolet B-induced cyclooxygenase-2 expression through inhibition of MAPKK4 and PI-3 kinase. <i>Carcinogenesis</i> , 2009, 30, 1932-1940.	1.3	95
43	MKK4 is a novel target for the inhibition of tumor necrosis factor- α -induced vascular endothelial growth factor expression by myricetin. <i>Biochemical Pharmacology</i> , 2009, 77, 412-421.	2.0	51
44	Fyn kinase is a direct molecular target of delphinidin for the inhibition of cyclooxygenase-2 expression induced by tumor necrosis factor- α . <i>Biochemical Pharmacology</i> , 2009, 77, 1213-1222.	2.0	51
45	Cocoa procyanidins attenuate 4-hydroxynonenal-induced apoptosis of PC12 cells by directly inhibiting mitogen-activated protein kinase kinase 4 activity. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1319-1327.	1.3	36
46	Phloretin Induces Apoptosis in H-Ras MCF10A Human Breast Tumor Cells through the Activation of p53 via JNK and p38 Mitogen-Activated Protein Kinase Signaling. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 479-483.	1.8	49
47	Protective Effects of Red Wine Flavonols on 4-Hydroxynonenal-Induced Apoptosis in PC12 Cells. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 170-175.	1.8	12
48	Piceatannol Attenuates 4-Hydroxynonenal-Induced Apoptosis of PC12 Cells by Blocking Activation of c-Jun N-Terminal Kinase. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 176-182.	1.8	35
49	Gallic Acid Induces Neuronal Cell Death through Activation of c-Jun N-Terminal Kinase and Downregulation of Bcl-2. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 514-520.	1.8	26
50	Activation of phosphatidylinositol 3-kinase is required for tumor necrosis factor- α -induced upregulation of matrix metalloproteinase-9: Its direct inhibition by quercetin. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1592-1600.	1.2	78
51	Caffeic acid phenethyl ester inhibits invasion and expression of matrix metalloproteinase in SK-Hep1 human hepatocellular carcinoma cells by targeting nuclear factor kappa B. <i>Genes and Nutrition</i> , 2008, 2, 319-322.	1.2	61
52	The resveratrol analogue 3,5,4'-trihydroxy- <i>trans</i> -stilbene inhibits cell transformation via MEK. <i>International Journal of Cancer</i> , 2008, 123, 2487-2496.	2.3	28
53	Inhibition of Gap Junctional Intercellular Communication by the Green Tea Polyphenol (γ -Epigallocatechin Gallate in Normal Rat Liver Epithelial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 10422-10427.	2.4	27
54	Myricetin Suppresses UVB-Induced Skin Cancer by Targeting Fyn. <i>Cancer Research</i> , 2008, 68, 6021-6029.	0.4	145

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55	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.	1.3	176
56	Mitogen- and Stress-Activated Kinase 1-Mediated Histone H3 Phosphorylation Is Crucial for Cell Transformation. <i>Cancer Research</i> , 2008, 68, 2538-2547.	0.4	88
57	Delphinidin Attenuates Neoplastic Transformation in JB6 Cl41 Mouse Epidermal Cells by Blocking Raf/Mitogen-Activated Protein Kinase Kinase/Extracellular Signal-Regulated Kinase Signaling. <i>Cancer Prevention Research</i> , 2008, 1, 522-531.	0.7	48
58	Cocoa Procyanidins Suppress Transformation by Inhibiting Mitogen-activated Protein Kinase Kinase. <i>Journal of Biological Chemistry</i> , 2008, 283, 20664-20673.	1.6	71
59	Inhibitory effects of caffeine analogues on neoplastic transformation: structure-activity relationship. <i>Carcinogenesis</i> , 2008, 29, 1228-1234.	1.3	16
60	Cocoa procyanidins inhibit expression and activation of MMP-2 in vascular smooth muscle cells by direct inhibition of MEK and MT1-MMP activities. <i>Cardiovascular Research</i> , 2008, 79, 34-41.	1.8	37
61	Raf and MEK Protein Kinases Are Direct Molecular Targets for the Chemopreventive Effect of Quercetin, a Major Flavonol in Red Wine. <i>Cancer Research</i> , 2008, 68, 946-955.	0.4	178
62	Myricetin is a novel natural inhibitor of neoplastic cell transformation and MEK1. <i>Carcinogenesis</i> , 2007, 28, 1918-1927.	1.3	115
63	Equol, a Metabolite of the Soybean Isoflavone Daidzein, Inhibits Neoplastic Cell Transformation by Targeting the MEK/ERK/p90RSK/Activator Protein-1 Pathway. <i>Journal of Biological Chemistry</i> , 2007, 282, 32856-32866.	1.6	60
64	Myricetin Down-Regulates Phorbol Ester-Induced Cyclooxygenase-2 Expression in Mouse Epidermal Cells by Blocking Activation of Nuclear Factor Kappa B. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 9678-9684.	2.4	31
65	H-Ras selectively up-regulates MMP-9 and COX-2 through activation of ERK1/2 and NF- κ B: An implication for invasive phenotype in rat liver epithelial cells. <i>International Journal of Cancer</i> , 2006, 119, 1767-1775.	2.3	32
66	Extraction and chromatographic separation of anticarcinogenic fractions from cacao bean husk. <i>BioFactors</i> , 2005, 23, 141-150.	2.6	10
67	Effects of phenolics in Empire apples on hydrogen peroxide-induced inhibition of gap-junctional intercellular communication. <i>BioFactors</i> , 2004, 21, 361-365.	2.6	25