

Yong Pil Hwang

List of Publications by Year in descending order

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48
papers

2,195
citations

218677

26
h-index

223800

46
g-index

48
all docs

48
docs citations

48
times ranked

3538
citing authors

#	ARTICLE	IF	CITATIONS
1	Ginsenoside Rb1 protects against 6-hydroxydopamine-induced oxidative stress by increasing heme oxygenase-1 expression through an estrogen receptor-related PI3K/Akt/Nrf2-dependent pathway in human dopaminergic cells. <i>Toxicology and Applied Pharmacology</i> , 2010, 242, 18-28.	2.8	178
2	Anthocyanins from purple sweet potato attenuate dimethylnitrosamine-induced liver injury in rats by inducing Nrf2-mediated antioxidant enzymes and reducing COX-2 and iNOS expression. <i>Food and Chemical Toxicology</i> , 2011, 49, 93-99.	3.6	133
3	Purple sweet potato anthocyanins attenuate hepatic lipid accumulation through activating adenosine monophosphate-activated protein kinase in human HepG2 cells and obese mice. <i>Nutrition Research</i> , 2011, 31, 896-906.	2.9	131
4	The coffee diterpene kahweol induces heme oxygenase-1 via the PI3K and p38/Nrf2 pathway to protect human dopaminergic neurons from 6-hydroxydopamine-derived oxidative stress. <i>FEBS Letters</i> , 2008, 582, 2655-2662.	2.8	129
5	The flavonoids apigenin and luteolin suppress ultraviolet A-induced matrix metalloproteinase-1 expression via MAPKs and AP-1-dependent signaling in HaCaT cells. <i>Journal of Dermatological Science</i> , 2011, 61, 23-31.	1.9	105
6	Suppression of PMA-induced tumor cell invasion by dihydroartemisinin via inhibition of PKC β /Raf/MAPKs and NF- κ B/AP-1-dependent mechanisms. <i>Biochemical Pharmacology</i> , 2010, 79, 1714-1726.	4.4	98
7	Immunostimulatory activity of aqueous extract isolated from <i>Prunella vulgaris</i> . <i>Food and Chemical Toxicology</i> , 2009, 47, 62-69.	3.6	96
8	Mechanism of phytoestrogen puerarin-mediated cytoprotection following oxidative injury: Estrogen receptor-dependent up-regulation of PI3K/Akt and HO-1. <i>Toxicology and Applied Pharmacology</i> , 2008, 233, 371-381.	2.8	90
9	Protective mechanisms of anthocyanins from purple sweet potato against tert-butyl hydroperoxide-induced hepatotoxicity. <i>Food and Chemical Toxicology</i> , 2011, 49, 2081-2089.	3.6	88
10	Suppression of EGF-induced tumor cell migration and matrix metalloproteinase-9 expression by capsaicin via the inhibition of EGFR-mediated FAK/Akt, PKC/Raf/ERK, p38 MAPK, and AP-1 signaling. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 594-605.	3.3	88
11	Suppression of phorbol-12-myristate-13-acetate-induced tumor cell invasion by piperine via the inhibition of PKC β /ERK1/2-dependent matrix metalloproteinase-9 expression. <i>Toxicology Letters</i> , 2011, 203, 9-19.	0.8	82
12	Protective effects of puerarin on carbon tetrachloride-induced hepatotoxicity. <i>Archives of Pharmacal Research</i> , 2007, 30, 1309-1317.	6.3	62
13	Metallothionein-III protects against 6-hydroxydopamine-induced oxidative stress by increasing expression of heme oxygenase-1 in a PI3K and ERK/Nrf2-dependent manner. <i>Toxicology and Applied Pharmacology</i> , 2008, 231, 318-327.	2.8	59
14	Puerarin activates endothelial nitric oxide synthase through estrogen receptor-dependent PI3-kinase and calcium-dependent AMP-activated protein kinase. <i>Toxicology and Applied Pharmacology</i> , 2011, 257, 48-58.	2.8	59
15	Protective effect of the <i>Aralia continentalis</i> root extract against carbon tetrachloride-induced hepatotoxicity in mice. <i>Food and Chemical Toxicology</i> , 2009, 47, 75-81.	3.6	53
16	Platycodon grandiflorum root-derived saponins attenuate atopic dermatitis-like skin lesions via suppression of NF- κ B and STAT1 and activation of Nrf2/ARE-mediated heme oxygenase-1. <i>Phytomedicine</i> , 2014, 21, 1053-1061.	5.3	49
17	Protective effect of rutaecarpine against t-BHP-induced hepatotoxicity by upregulating antioxidant enzymes via the CaMKII-Akt and Nrf2/ARE pathways. <i>Food and Chemical Toxicology</i> , 2017, 100, 138-148.	3.6	49
18	Protective mechanisms of 3-caffeoyl, 4-dihydrocaffeoyl quinic acid from <i>Salicornia herbacea</i> against tert-butyl hydroperoxide-induced oxidative damage. <i>Chemico-Biological Interactions</i> , 2009, 181, 366-376.	4.0	48

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19	Inhibitory effects of l-theanine on airway inflammation in ovalbumin-induced allergic asthma. <i>Food and Chemical Toxicology</i> , 2017, 99, 162-169.	3.6	43
20	S-Allyl cysteine attenuates free fatty acid-induced lipogenesis in human HepG2 cells through activation of the AMP-activated protein kinase-dependent pathway. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1469-1478.	4.2	41
21	Suppression of phorbol-12-myristate-13-acetate-induced tumor cell invasion by bergamottin <i>via</i> the inhibition of protein kinase C β /p38 mitogen-activated protein kinase and JNK/nuclear factor- κ B-dependent matrix metalloproteinase-9 expression. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 977-990.	3.3	40
22	Saponins, especially platycodin D, from <i>Platycodon grandiflorum</i> modulate hepatic lipogenesis in high-fat diet-fed rats and high glucose-exposed HepG2 cells. <i>Toxicology and Applied Pharmacology</i> , 2013, 267, 174-183.	2.8	36
23	3-Caffeoyl, 4-dihydrocaffeoylquinic acid from <i>Salicornia herbacea</i> attenuates high glucose-induced hepatic lipogenesis in human HepG2 cells through activation of the liver kinase B1 and silent information regulator 1-dependent pathway. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 471-482.	3.3	31
24	Acteoside inhibits PMA-induced matrix metalloproteinase-9 expression <i>via</i> CaMK/ERK and JNK/NF κ B-dependent signaling. <i>Molecular Nutrition and Food Research</i> , 2011, 55, S103-16.	3.3	30
25	Cultivated ginseng suppresses ultraviolet B-induced collagenase activation via mitogen-activated protein kinases and nuclear factor κ B/activator protein-1-dependent signaling in human dermal fibroblasts. <i>Nutrition Research</i> , 2012, 32, 428-438.	2.9	29
26	Betulonic Acid Increases eNOS Phosphorylation and NO Synthesis via the Calcium-Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 785-791.	5.2	27
27	N-Acetylglucosamine suppress collagenases activation in ultraviolet B-irradiated human dermal fibroblasts: Involvement of calcium ions and mitogen-activated protein kinases. <i>Journal of Dermatological Science</i> , 2011, 63, 93-103.	1.9	26
28	Kahweol inhibits proliferation and induces apoptosis by suppressing fatty acid synthase in HER2-overexpressing cancer cells. <i>Food and Chemical Toxicology</i> , 2018, 121, 326-335.	3.6	26
29	Inhibitory effect of Psidium guajava water extract in the development of 2,4-dinitrochlorobenzene-induced atopic dermatitis in NC/Nga mice. <i>Food and Chemical Toxicology</i> , 2012, 50, 2923-2929.	3.6	25
30	Saponins from <i>Platycodon grandiflorum</i> inhibit hepatic lipogenesis through induction of SIRT1 and activation of AMP-activated protein kinase in high-glucose-induced HepG2 cells. <i>Food Chemistry</i> , 2013, 140, 115-123.	8.2	25
31	Protective mechanisms of <i>Aralia continentalis</i> extract against tert-butyl hydroperoxide-induced hepatotoxicity: In vivo and in vitro studies. <i>Food and Chemical Toxicology</i> , 2008, 46, 3512-3521.	3.6	24
32	3-Caffeoyl, 4-dihydrocaffeoylquinic acid from <i>Salicornia herbacea</i> inhibits tumor cell invasion by regulating protein kinase C β -dependent matrix metalloproteinase-9 expression. <i>Toxicology Letters</i> , 2010, 198, 200-209.	0.8	23
33	Saponins from the roots of <i>Platycodon grandiflorum</i> suppress ultraviolet A-induced matrix metalloproteinase-1 expression via MAPKs and NF- κ B/AP-1-dependent signaling in HaCaT cells. <i>Food and Chemical Toxicology</i> , 2011, 49, 3374-3382.	3.6	21
34	Immunomodulatory Activity of <i>Lactococcus lactis</i> GCWB1176 in Cyclophosphamide-Induced Immunosuppression Model. <i>Microorganisms</i> , 2020, 8, 1175.	3.6	17
35	Rutaecarpine Increases Nitric Oxide Synthesis via eNOS Phosphorylation by TRPV1-Dependent CaMKII and CaMKK β /AMPK Signaling Pathway in Human Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9407.	4.1	16
36	Suppression of PMA-induced human fibrosarcoma HT-1080 invasion and metastasis by kahweol <i>via</i> inhibiting Akt/JNK1/2/p38 MAPK signal pathway and NF- κ B dependent transcriptional activities. <i>Food and Chemical Toxicology</i> , 2019, 125, 1-9.	3.6	15

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37	Chemopreventive effects of Furan-2-yl-3-pyridin-2-yl-propenone against 7,12-dimethylbenz[a]anthracene-inducible genotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2008, 228, 343-350.	2.8	14
38	Effects of isometric exercise using biofeedback on maximum voluntary isometric contraction, pain, and muscle thickness in patients with knee osteoarthritis. <i>Journal of Physical Therapy Science</i> , 2015, 27, 149-153.	0.6	14
39	Rutaecarpine Protects against Acetaminophen-Induced Acute Liver Injury in Mice by Activating Antioxidant Enzymes. <i>Antioxidants</i> , 2021, 10, 86.	5.1	14
40	WY-14643 Regulates CYP1B1 Expression through Peroxisome Proliferator-Activated Receptor α -Mediated Signaling in Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5928.	4.1	12
41	Micronized, Heat-Treated <i>Lactobacillus plantarum</i> LM1004 Alleviates Cyclophosphamide-Induced Immune Suppression. <i>Journal of Medicinal Food</i> , 2019, 22, 896-906.	1.5	11
42	Lactic Acid Bacteria Ameliorate Diesel Exhaust Particulate Matter-Exacerbated Allergic Inflammation in a Murine Model of Asthma. <i>Life</i> , 2020, 10, 260.	2.4	9
43	Effect of Porcine Whole Blood Protein Hydrolysate on Slow-Twitch Muscle Fiber Expression and Mitochondrial Biogenesis via the AMPK/SIRT1 Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1229.	4.1	7
44	Immune-Enhancing Effect of Submerged Culture of <i>Ceriporia lacerata</i> Mycelia on Cyclophosphamide-Induced Immunosuppressed Mice and the Underlying Mechanisms in Macrophages. <i>International Journal of Molecular Sciences</i> , 2022, 23, 597.	4.1	7
45	Hepatoprotective Effects of <i>Streptococcus thermophilus</i> LM1012 in Mice Exposed to Air Pollutants. <i>Journal of Medicinal Food</i> , 2020, 23, 852-861.	1.5	6
46	Impressic Acid Ameliorates Atopic Dermatitis-Like Skin Lesions by Inhibiting ERK1/2-Mediated Phosphorylation of NF- κ B and STAT1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2334.	4.1	6
47	Effects of Porcine Whole-Blood Protein Hydrolysate on Exercise Function and Skeletal Muscle Differentiation. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 17.	2.5	2
48	Effect of 3-caffeoyl, 4-dihydrocaffeoylquinic acid from <i>Salicornia herbacea</i> on endothelial nitric oxide synthase activation via calcium signaling pathway. <i>Toxicological Research</i> , 2022, 38, 355-364.	2.1	1