

Woo-Sik Jeong

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73
papers

3,683
citations

30
h-index

60
g-index

74
ext. papers

4,115
ext. citations

4.3
avg, IF

5.38
L-index

#	Paper	IF	Citations
73	Activation of Nrf2-antioxidant signaling attenuates NFkappaB-inflammatory response and elicits apoptosis. <i>Biochemical Pharmacology</i> , 2008 , 76, 1485-9	6	545
72	Nrf2: a potential molecular target for cancer chemoprevention by natural compounds. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 99-106	8.4	307
71	Chemoprevention by isothiocyanates and their underlying molecular signaling mechanisms. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004 , 555, 191-202	3.3	212
70	Modulatory properties of various natural chemopreventive agents on the activation of NF-kappaB signaling pathway. <i>Pharmaceutical Research</i> , 2004 , 21, 661-70	4.5	210
69	Antioxidative phenolic compounds isolated from almond skins (<i>Prunus amygdalus</i> Batsch). <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 2459-63	5.7	209
68	Role of resveratrol in regulation of cellular defense systems against oxidative stress. <i>BioFactors</i> , 2018 , 44, 36-49	6.1	152
67	Cancer chemoprevention of intestinal polyposis in ApcMin/+ mice by sulforaphane, a natural product derived from cruciferous vegetable. <i>Carcinogenesis</i> , 2006 , 27, 2038-46	4.6	137
66	Antioxidants: an integrative approach. <i>Nutrition</i> , 2001 , 17, 835-8	4.8	87
65	Antioxidant and hepatoprotective effects of the red ginseng essential oil in H ₂ O ₂ -treated hepG2 cells and CCl ₄ -treated mice. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 2314-30	6.3	86
64	Pharmacodynamics of dietary phytochemical indoles I3C and DIM: Induction of Nrf2-mediated phase II drug metabolizing and antioxidant genes and synergism with isothiocyanates. <i>Biopharmaceutics and Drug Disposition</i> , 2011 , 32, 289-300	1.7	83
63	Regulation of Nrf2, NF-kappaB, and AP-1 signaling pathways by chemopreventive agents. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 1648-63	8.4	83
62	Differential expression and stability of endogenous nuclear factor E2-related factor 2 (Nrf2) by natural chemopreventive compounds in HepG2 human hepatoma cells. <i>BMB Reports</i> , 2005 , 38, 167-76	5.5	81
61	p-Coumaric acid and ursolic acid from Corni fructus attenuated Amyloid(25-35)-induced toxicity through regulation of the NF-B signaling pathway in PC12 cells. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 4911-6	5.7	77
60	Phytosterols and Fatty Acids in Fig (<i>Ficus carica</i> , var. Mission) Fruit and Tree Components. <i>Journal of Food Science</i> , 2001 , 66, 278-281	3.4	75
59	Modulation of AP-1 by natural chemopreventive compounds in human colon HT-29 cancer cell line. <i>Pharmaceutical Research</i> , 2004 , 21, 649-60	4.5	71
58	Chemopreventive functions of isothiocyanates. <i>Drug News and Perspectives</i> , 2005 , 18, 445-51		70
57	6-shogaol-rich extract from ginger up-regulates the antioxidant defense systems in cells and mice. <i>Molecules</i> , 2012 , 17, 8037-55	4.8	65

56	Characterization of emissions composition for selected household products available in Korea. <i>Journal of Hazardous Materials</i> , 2007 , 148, 192-8	12.8	65
55	Red ginseng marc oil inhibits iNOS and COX-2 via NFB and p38 pathways in LPS-stimulated RAW 264.7 macrophages. <i>Molecules</i> , 2012 , 17, 13769-86	4.8	61
54	Protective effects of the key compounds isolated from Corni fructus against β amyloid-induced neurotoxicity in PC12 cells. <i>Molecules</i> , 2012 , 17, 10831-45	4.8	56
53	Anti-inflammatory effect of procyanidins from wild grape (<i>Vitis amurensis</i>) seeds in LPS-induced RAW 264.7 cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 409321	6.7	55
52	Pharmacogenomics of cancer chemopreventive isothiocyanate compound sulforaphane in the intestinal polyps of ApcMin/+ mice. <i>Biopharmaceutics and Drug Disposition</i> , 2006 , 27, 407-20	1.7	47
51	Procyanidins from wild grape (<i>Vitis amurensis</i>) seeds regulate ARE-mediated enzyme expression via Nrf2 coupled with p38 and PI3K/Akt pathway in HepG2 cells. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 801-18	6.3	46
50	Biological Properties of Monomeric and Polymeric Catechins: Green Tea Catechins and Procyanidins. <i>Pharmaceutical Biology</i> , 2004 , 42, 84-93	3.8	44
49	Volatile pollutants emitted from selected liquid household products. <i>Environmental Science and Pollution Research</i> , 2008 , 15, 521-6	5.1	43
48	Optimization of Extraction Conditions for the 6-Shogaol-rich Extract from Ginger (<i>Zingiber officinale</i> Roscoe). <i>Preventive Nutrition and Food Science</i> , 2012 , 17, 166-71	2.4	41
47	Induction of Nrf2/ARE-mediated cytoprotective genes by red ginseng oil through ASK1-MKK4/7-JNK and p38 MAPK signaling pathways in HepG2 cells. <i>Journal of Ginseng Research</i> , 2016 , 40, 423-430	5.8	41
46	Detoxifying effect of fermented black ginseng on H ₂ O ₂ -induced oxidative stress in HepG2 cells. <i>International Journal of Molecular Medicine</i> , 2014 , 34, 1516-22	4.4	34
45	Oleic acid and linoleic acid from <i>Tenebrio molitor</i> larvae inhibit BACE1 activity in vitro: molecular docking studies. <i>Journal of Medicinal Food</i> , 2014 , 17, 284-9	2.8	32
44	Neuroprotective effect of loganin against A β 5-35-induced injury via the NF- κ B-dependent signaling pathway in PC12 cells. <i>Food and Function</i> , 2015 , 6, 1108-16	6.1	30
43	Antioxidant and Hepatoprotective Effects of Procyanidins from Wild Grape (<i>Vitis amurensis</i>) Seeds in Ethanol-Induced Cells and Rats. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	28
42	Polymethoxyflavones: Novel β Secretase (BACE1) Inhibitors from Citrus Peels. <i>Nutrients</i> , 2017 , 9,	6.7	26
41	Oleic acid ameliorates A β -induced inflammation by downregulation of COX-2 and iNOS via NFB signaling pathway. <i>Journal of Functional Foods</i> , 2015 , 14, 1-11	5.1	25
40	Fatty Acid Composition and Volatile Constituents of <i>Protaetia brevitarsis</i> Larvae. <i>Preventive Nutrition and Food Science</i> , 2013 , 18, 150-6	2.4	25
39	Suppression of arachidonic acid metabolism and nitric oxide formation by kudzu isoflavones in murine macrophages. <i>Molecular Nutrition and Food Research</i> , 2005 , 49, 1154-9	5.9	24

38	Quercitrin from <i>Toona sinensis</i> (Juss.) M.Roem. Attenuates Acetaminophen-Induced Acute Liver Toxicity in HepG2 Cells and Mice through Induction of Antioxidant Machinery and Inhibition of Inflammation. <i>Nutrients</i> , 2016 , 8,	6.7	24
37	Antioxidant defense and hepatoprotection by procyanidins from almond (<i>Prunus amygdalus</i>) skins. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 8668-78	5.7	23
36	Hair Regenerative Mechanisms of Red Ginseng Oil and Its Major Components in the Testosterone-Induced Delay of Anagen Entry in C57BL/6 Mice. <i>Molecules</i> , 2017 , 22,	4.8	23
35	β-Secretase (BACE1) inhibitory property of loganin isolated from <i>Corni fructus</i> . <i>Natural Product Research</i> , 2013 , 27, 1471-4	2.3	22
34	Lactobacillus Strains Alleviated Aging Symptoms and Aging-Induced Metabolic Disorders in Aged Rats. <i>Journal of Medicinal Food</i> , 2019 , 22, 1-13	2.8	21
33	Antioxidant Properties of Flavone C-Glycosides from <i>Atractylodes japonica</i> Leaves in Human Low-density Lipoprotein Oxidation. <i>Journal of Food Science</i> , 2006 , 70, S575-S580	3.4	20
32	Safety of red ginseng oil for single oral administration in Sprague-Dawley rats. <i>Journal of Ginseng Research</i> , 2014 , 38, 78-81	5.8	18
31	Anti-inflammatory Activities of Coumarins Isolated from <i>Angelica gigas</i> Nakai on LPS-stimulated RAW 264.7 Cells. <i>Preventive Nutrition and Food Science</i> , 2009 , 14, 179-187	2.4	18
30	The Identification of Biochanin A as a Potent and Selective β-Site App-Cleaving Enzyme 1 (Bace1) Inhibitor. <i>Nutrients</i> , 2016 , 8,	6.7	18
29	BACE1 Inhibition by Genistein: Biological Evaluation, Kinetic Analysis, and Molecular Docking Simulation. <i>Journal of Medicinal Food</i> , 2018 , 21, 416-420	2.8	16
28	Protective Role of Corilagin on Aβ-Induced Neurotoxicity: Suppression of NF-κB Signaling Pathway. <i>Journal of Medicinal Food</i> , 2016 , 19, 901-911	2.8	16
27	Change of ginsenoside composition in red ginseng processed with citric acid. <i>Food Science and Biotechnology</i> , 2010 , 19, 647-653	3	16
26	<i>Cedrela sinensis</i> Leaves Suppress Oxidative Stress and Expressions of iNOS and COX-2 via MAPK Signaling Pathways in RAW 264.7 Cells. <i>Preventive Nutrition and Food Science</i> , 2009 , 14, 269-276	2.4	16
25	Metabolomic understanding of intrinsic physiology in during whole growing seasons. <i>Journal of Ginseng Research</i> , 2019 , 43, 654-665	5.8	14
24	β-Pinene triggers oxidative stress and related signaling pathways in A549 and HepG2 cells. <i>Food Science and Biotechnology</i> , 2010 , 19, 1325-1332	3	14
23	Protective Effects of Red Ginseng Oil against Aβ-Induced Neuronal Apoptosis and Inflammation in PC12 Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	13
22	Negligible pharmacokinetic interaction of red ginseng and antihypertensive agent amlodipine in Sprague-Dawley rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014 , 77, 1372-83	3.2	12
21	Effects of solvent fractions of <i>Allomyrina dichotoma</i> larvae through the inhibition of in vitro BACE1 and β-Amyloid(25B5)-induced toxicity in rat pheochromocytoma PC12 cells. <i>Entomological Research</i> , 2014 , 44, 23-30	1.3	12

20	Biological evaluation and in silico docking study of Linolenic acid as a potential BACE1 inhibitor. <i>Journal of Functional Foods</i> , 2014 , 10, 187-191	5.1	10
19	Inhibition of Amyloid peptide-induced neurotoxicity by kaempferol 3-O-(6'-acetyl)- β -glucopyranoside from butterbur (<i>Petasites japonicus</i>) leaves in B103 cells. <i>Food Science and Biotechnology</i> , 2012 , 21, 845-851	3	10
18	Naphthalene emissions from moth repellents or toilet deodorant blocks determined using head-space and small-chamber tests. <i>Journal of Environmental Sciences</i> , 2008 , 20, 1012-7	6.4	10
17	Cellular Defensive Mechanisms of Tea Polyphenols: Structure-Activity Relationship. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	10
16	Chemopreventive Activity of Red Ginseng Oil in a Mouse Model of Azoxymethane/Dextran Sulfate Sodium-Induced Inflammation-Associated Colon Carcinogenesis. <i>Journal of Medicinal Food</i> , 2019 , 22, 578-586	2.8	9
15	Stimulation of activity and expression of antioxidant enzymes by solvent fractions and isolated compound from <i>Cedrela sinensis</i> leaves in HepG2 cells. <i>Journal of Medicinal Food</i> , 2011 , 14, 405-12	2.8	9
14	Kinetic modeling of active chlorine generation by low-amperage pulsating direct current in a circulating brine solution. <i>Journal of Food Engineering</i> , 2009 , 92, 461-466	6	7
13	Red Ginseng Oil Inhibits TPA-Induced Transformation of Skin Epidermal JB6 Cells. <i>Journal of Medicinal Food</i> , 2018 , 21, 380-389	2.8	6
12	Effect of <i>Hericium erinaceus</i> Mycelia Supplementation on the Oxidative Stress and Inflammation Processes Stimulated by LPS and Their Mechanisms in BALB/C Mice. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2010 , 39, 227-236	1.5	6
11	Anti-inflammatory effect of unripe apple polyphenols-chitooligosaccharides microcapsule against LPS-induced RAW 264.7 cells. <i>Applied Biological Chemistry</i> , 2020 , 63,	2.9	4
10	Red ginseng oil promotes hair growth and protects skin against UVC radiation. <i>Journal of Ginseng Research</i> , 2021 , 45, 498-509	5.8	4
9	Antioxidant and anti-inflammatory roles of tea polyphenols in inflammatory bowel diseases. <i>Food Science and Human Wellness</i> , 2022 , 11, 502-511	8.3	3
8	Biological Properties of Monomeric and Polymeric Catechins: Green Tea Catechins and Procyanidins. <i>Archives of Physiology and Biochemistry</i> , 2004 , 42, 84-93	2.2	2
7	Regulation of Antioxidant Response Element Pathways by Natural Chemopreventive Compounds. <i>ACS Symposium Series</i> , 2007 , 118-124	0.4	1
6	Study on a New Response Function Estimation Method Using Neural Network. <i>Journal of the Korean Society for Quality Management</i> , 2013 , 41, 249-260		1
5	Antioxidant and Anti-Inflammatory Activities of Oil in HepG2 Cells and Lipopolysaccharide-Stimulated RAW 264.7 Macrophages. <i>Journal of Medicinal Food</i> , 2021 , 24, 595-605	2.8	1
4	Hair Growth-Promoting Mechanisms of Red Ginseng Extract through Stimulating Dermal Papilla Cell Proliferation and Enhancing Skin Health. <i>Preventive Nutrition and Food Science</i> , 2021 , 26, 275-284	2.4	1
3	Phytochemical and Over-The-Counter Drug Interactions: Involvement of Phase I and II Drug-Metabolizing Enzymes and Phase III Transporters. <i>Journal of Medicinal Food</i> , 2021 , 24, 786-805	2.8	0

- 2 Red ginseng (Meyer) oil: A comprehensive review of extraction technologies, chemical composition, health benefits, molecular mechanisms, and safety.. *Journal of Ginseng Research*, **2022**, 46, 214-224 5.8 0
- 1 Physicochemical Properties and Volatile Flavor Compounds of Unripe Peach Sugaring Solutions with Pectinase. *Journal of the Korean Society of Food Science and Nutrition*, **2021**, 50, 1197-1202 1.5