

Woo-Sik Jeong

List of Publications by Year in descending order

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74
papers

4,632
citations

109264

35
h-index

98753

67
g-index

74
all docs

74
docs citations

74
times ranked

6778
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of Nrf2-antioxidant signaling attenuates NF- κ B-inflammatory response and elicits apoptosis. <i>Biochemical Pharmacology</i> , 2008, 76, 1485-1489.	2.0	658
2	Nrf2: A Potential Molecular Target for Cancer Chemoprevention by Natural Compounds. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 99-106.	2.5	337
3	Chemoprevention by isothiocyanates and their underlying molecular signaling mechanisms. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 555, 191-202.	0.4	249
4	Antioxidative Phenolic Compounds Isolated from Almond Skins (<i>Prunus amygdalus</i> Batsch). <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 2459-2463.	2.4	247
5	Role of resveratrol in regulation of cellular defense systems against oxidative stress. <i>BioFactors</i> , 2018, 44, 36-49.	2.6	243
6	Modulatory Properties of Various Natural Chemopreventive Agents on the Activation of NF- κ B Signaling Pathway. <i>Pharmaceutical Research</i> , 2004, 21, 661-670.	1.7	238
7	Cancer chemoprevention of intestinal polyposis in <i>ApcMin/+</i> mice by sulforaphane, a natural product derived from cruciferous vegetable. <i>Carcinogenesis</i> , 2006, 27, 2038-2046.	1.3	153
8	<i>p</i> -Coumaric Acid and Ursolic Acid from <i>Corni fructus</i> Attenuated β -Amyloid ₂₅₋₃₅ -Induced Toxicity through Regulation of the NF- κ B Signaling Pathway in PC12 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4911-4916.	2.4	104
9	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, 2314-2330.	1.8	103
10	Antioxidants: an integrative approach. <i>Nutrition</i> , 2001, 17, 835-838.	1.1	99
11	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.	1.1	95
12	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, 167-176.	1.1	94
13	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.	1.5	93
14	Regulation of Nrf2, NF- κ B, and AP-1 Signaling Pathways by Chemopreventive Agents. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 1648-1663.	2.5	93
15	6-Shogaol-Rich Extract from Ginger Up-Regulates the Antioxidant Defense Systems in Cells and Mice. <i>Molecules</i> , 2012, 17, 8037-8055.	1.7	93
16	Chemopreventive functions of isothiocyanates. <i>Drug News and Perspectives</i> , 2005, 18, 445.	1.9	83
17	Modulation of AP-1 by Natural Chemopreventive Compounds in Human Colon HT-29 Cancer Cell Line. <i>Pharmaceutical Research</i> , 2004, 21, 649-660.	1.7	81
18	Characterization of emissions composition for selected household products available in Korea. <i>Journal of Hazardous Materials</i> , 2007, 148, 192-198.	6.5	80

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19	Red Ginseng Marc Oil Inhibits iNOS and COX-2 via NF κ B and p38 Pathways in LPS-Stimulated RAW 264.7 Macrophages. <i>Molecules</i> , 2012, 17, 13769-13786.	1.7	71
20	Protective Effects of the Key Compounds Isolated from Corni fructus against β -Amyloid-Induced Neurotoxicity in PC12 Cells. <i>Molecules</i> , 2012, 17, 10831-10845.	1.7	68
21	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, 1-11.	1.9	64
22	Optimization of Extraction Conditions for the 6-Shogaol-rich Extract from Ginger (<i>Zingiber</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Tc	0.7	57
23	Antioxidant and anti-inflammatory roles of tea polyphenols in inflammatory bowel diseases. <i>Food Science and Human Wellness</i> , 2022, 11, 502-511.	2.2	54
24	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, 801-818.	1.8	53
25	Biological Properties of Monomeric and Polymeric Catechins: Green Tea Catechins and Procyanidins. <i>Pharmaceutical Biology</i> , 2004, 42, 84-93.	1.3	52
26	Pharmacogenomics of cancer chemopreventive isothiocyanate compound sulforaphane in the intestinal polyps of ApcMin/+ mice. <i>Biopharmaceutics and Drug Disposition</i> , 2006, 27, 407-420.	1.1	50
27	Induction of Nrf2/ARE-mediated cytoprotective genes by red ginseng oil through ASK1 \rightarrow MKK4/7 \rightarrow JNK and p38 MAPK signaling pathways in HepG2 cells. <i>Journal of Ginseng Research</i> , 2016, 40, 423-430.	3.0	47
28	Volatile pollutants emitted from selected liquid household products. <i>Environmental Science and Pollution Research</i> , 2008, 15, 521-526.	2.7	46
29	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, 1516-1522.	1.8	46
30	Cellular Defensive Mechanisms of Tea Polyphenols: Structure-Activity Relationship. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9109.	1.8	45
31	Oleic Acid and Linoleic Acid from <i>Tenebrio molitor</i> Larvae Inhibit BACE1 Activity <i>in vitro</i> : Molecular Docking Studies. <i>Journal of Medicinal Food</i> , 2014, 17, 284-289.	0.8	42
32	Neuroprotective effect of loganin against β -amyloid ₂₅₋₃₅ -induced injury via the NF- κ B-dependent signaling pathway in PC12 cells. <i>Food and Function</i> , 2015, 6, 1108-1116.	2.1	41
33	Fatty Acid Composition and Volatile Constituents of <i>Protaetia brevitarsis</i> Larvae. <i>Preventive Nutrition and Food Science</i> , 2013, 18, 150-156.	0.7	41
34	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, 1505.	1.7	39
35	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, 758.	1.8	38
36	Polymethoxyflavones: Novel β -Secretase (BACE1) Inhibitors from Citrus Peels. <i>Nutrients</i> , 2017, 9, 973.	1.7	38

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37	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, 431.	1.7	36
38	<i>Lactobacillus</i> Strains Alleviated Aging Symptoms and Aging-Induced Metabolic Disorders in Aged Rats. <i>Journal of Medicinal Food</i> , 2019, 22, 1-13.	0.8	34
39	Oleic acid ameliorates A β -induced inflammation by downregulation of COX-2 and iNOS via NF κ B signaling pathway. <i>Journal of Functional Foods</i> , 2015, 14, 1-11.	1.6	33
40	The Identification of Biochanin A as a Potent and Selective β -Site App-Cleaving Enzyme 1 (Bace1) Inhibitor. <i>Nutrients</i> , 2016, 8, 637.	1.7	33
41	BACE1 Inhibition by Genistein: Biological Evaluation, Kinetic Analysis, and Molecular Docking Simulation. <i>Journal of Medicinal Food</i> , 2018, 21, 416-420.	0.8	32
42	Suppression of arachidonic acid metabolism and nitric oxide formation by kudzu isoflavones in murine macrophages. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 1154-1159.	1.5	28
43	Antioxidant Defense and Hepatoprotection by Procyanidins from Almond (<i>Prunus amygdalus</i>) Skins. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 8668-8678.	2.4	28
44	β -Secretase (BACE1) inhibitory property of loganin isolated from <i>Corni fructus</i> . <i>Natural Product Research</i> , 2013, 27, 1471-1474.	1.0	26
45	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.	0.7	23
46	Antioxidant Properties of Flavone C-Glycosides from <i>Atractylodes japonica</i> Leaves in Human Low-density Lipoprotein Oxidation. <i>Journal of Food Science</i> , 2005, 70, S575-S580.	1.5	22
47	Metabolomic understanding of intrinsic physiology in <i>Panax ginseng</i> during whole growing seasons. <i>Journal of Ginseng Research</i> , 2019, 43, 654-665.	3.0	21
48	β -pinene triggers oxidative stress and related signaling pathways in A549 and HepG2 cells. <i>Food Science and Biotechnology</i> , 2010, 19, 1325-1332.	1.2	20
49	Safety of red ginseng oil for single oral administration in Sprague-Dawley rats. <i>Journal of Ginseng Research</i> , 2014, 38, 78-81.	3.0	20
50	Change of ginsenoside composition in red ginseng processed with citric acid. <i>Food Science and Biotechnology</i> , 2010, 19, 647-653.	1.2	19
51	Protective Role of Corilagin on A β ₂₅₋₃₅ -Induced Neurotoxicity: Suppression of NF- κ B Signaling Pathway. <i>Journal of Medicinal Food</i> , 2016, 19, 901-911.	0.8	19
52	<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.	0.7	19
53	Protective Effects of Red Ginseng Oil against A β ₂₅₋₃₅ -Induced Neuronal Apoptosis and Inflammation in PC12 Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2218.	1.8	18
54	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, 1372-1383.	1.1	15

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55	Inhibition of β -amyloid peptide-induced neurotoxicity by kaempferol 3-O-(6-acetyl)- β -D-glucopyranoside from butterbur (<i>Petasites japonicus</i>) leaves in B103 cells. <i>Food Science and Biotechnology</i> , 2012, 21, 845-851.	1.2	14
56	Biological evaluation and in silico docking study of β -linolenic acid as a potential BACE1 inhibitor. <i>Journal of Functional Foods</i> , 2014, 10, 187-191.	1.6	14
57	Effects of solvent fractions of <i>Acanthomyrina dichotoma</i> larvae through the inhibition of <i>in vitro</i> BACE1 and β -amyloid(25-35)-induced toxicity in rat pheochromocytoma PC12 cells. <i>Entomological Research</i> , 2014, 44, 23-30.	0.6	13
58	Red ginseng oil promotes hair growth and protects skin against UVC radiation. <i>Journal of Ginseng Research</i> , 2021, 45, 498-509.	3.0	13
59	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, 1012-1017.	3.2	12
60	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.	0.8	11
61	Red ginseng (<i>Panax ginseng</i> Meyer) oil: A comprehensive review of extraction technologies, chemical composition, health benefits, molecular mechanisms, and safety. <i>Journal of Ginseng Research</i> , 2022, 46, 214-224.	3.0	11
62	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, 405-412.	0.8	10
63	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.	2.7	7
64	Red Ginseng Oil Inhibits TPA-Induced Transformation of Skin Epidermal JB6 Cells. <i>Journal of Medicinal Food</i> , 2018, 21, 380-389.	0.8	7
65	Anti-inflammatory effect of unripe apple polyphenols-chitoooligosaccharides microcapsule against LPS-induced RAW 264.7 cells. <i>Applied Biological Chemistry</i> , 2020, 63, .	0.7	7
66	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.	0.8	6
67	Synthesis, characterization, and antioxidant activity in vitro of selenium-Euryale ferox Salisb. polysaccharide. <i>Applied Biological Chemistry</i> , 2021, 64, .	0.7	6
68	Effect of <i>Herichium 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.	0.2	6
69	Antioxidant and Anti-Inflammatory Activities of <i>Zingiber montanum</i> Oil in HepG2 Cells and Lipopolysaccharide-Stimulated RAW 264.7 Macrophages. <i>Journal of Medicinal Food</i> , 2021, 24, 595-605.	0.8	5
70	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.	0.7	5
71	Biological Properties of Monomeric and Polymeric Catechins: Green Tea Catechins and Procyanidins. <i>Archives of Physiology and Biochemistry</i> , 2004, 42, 84-93.	1.0	2
72	Regulation of Antioxidant Response Element Pathways by Natural Chemopreventive Compounds. <i>ACS Symposium Series</i> , 2007, , 118-124.	0.5	1

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73	Study on a New Response Function Estimation Method Using Neural Network. Journal of the Korean Society for Quality Management, 2013, 41, 249-260.	0.1	1
74	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.	0.2	0