

Jin-Won Hyun

List of Publications by Year in descending order

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232
papers

8,200
citations

50170

46
h-index

74018

75
g-index

235
all docs

235
docs citations

235
times ranked

11426
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver nanoparticles induce oxidative cell damage in human liver cells through inhibition of reduced glutathione and induction of mitochondria-involved apoptosis. <i>Toxicology Letters</i> , 2011, 201, 92-100.	0.4	582
2	($\hat{\alpha}$)-Epigallocatechin gallate induces Nrf2-mediated antioxidant enzyme expression via activation of PI3K and ERK in human mammary epithelial cells. <i>Archives of Biochemistry and Biophysics</i> , 2008, 476, 171-177.	1.4	254
3	Particulate matter 2.5 damages skin cells by inducing oxidative stress, subcellular organelle dysfunction, and apoptosis. <i>Archives of Toxicology</i> , 2018, 92, 2077-2091.	1.9	230
4	Eckol isolated from <i>Ecklonia cava</i> attenuates oxidative stress induced cell damage in lung fibroblast cells. <i>FEBS Letters</i> , 2005, 579, 6295-6304.	1.3	149
5	Cytoprotective effect of phloroglucinol on oxidative stress induced cell damage via catalase activation. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 609-620.	1.2	142
6	Up-regulation of Nrf2-mediated heme oxygenase-1 expression by eckol, a phlorotannin compound, through activation of Erk and PI3K/Akt. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 297-305.	1.2	142
7	Cyanidin and Malvidin from <i>Oryza sativa</i> cv. Heugjinjubyeo Mediate Cytotoxicity against Human Monocytic Leukemia Cells by Arrest of G2/M Phase and Induction of Apoptosis. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2213-2217.	2.4	141
8	Endoplasmic reticulum stress signaling is involved in silver nanoparticles-induced apoptosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 224-232.	1.2	135
9	Effect of Compound K, a Metabolite of Ginseng Saponin, Combined with $\hat{\beta}$ -Ray Radiation in Human Lung Cancer Cells in Vitro and in Vivo. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 5777-5782.	2.4	112
10	Luteolin induces apoptotic cell death via antioxidant activity in human colon cancer cells. <i>International Journal of Oncology</i> , 2017, 51, 1169-1178.	1.4	103
11	Triphlorethol-A from <i>Ecklonia cava</i> protects V79-4 lung fibroblast against hydrogen peroxide induced cell damage. <i>Free Radical Research</i> , 2005, 39, 883-892.	1.5	102
12	Epigenetic changes induced by oxidative stress in colorectal cancer cells: methylation of tumor suppressor RUNX3. <i>Tumor Biology</i> , 2012, 33, 403-412.	0.8	101
13	Hyperoside prevents oxidative damage induced by hydrogen peroxide in lung fibroblast cells via an antioxidant effect. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 1448-1457.	1.1	97
14	Myricetin Protects Cells against Oxidative Stress-Induced Apoptosis via Regulation of PI3K/Akt and MAPK Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2010, 11, 4348-4360.	1.8	97
15	Particulate matter induces inflammatory cytokine production via activation of NF $\hat{\kappa}$ B by TLR5-NOX4-ROS signaling in human skin keratinocyte and mouse skin. <i>Redox Biology</i> , 2019, 21, 101080.	3.9	97
16	Luteolin promotes apoptotic cell death via upregulation of Nrf2 expression by DNA demethylase and the interaction of Nrf2 with p53 in human colon cancer cells. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-14.	3.2	95
17	Protective effect of esculetin against oxidative stress-induced cell damage via scavenging reactive oxygen species. <i>Acta Pharmacologica Sinica</i> , 2008, 29, 1319-1326.	2.8	91
18	The Polyphenol Chlorogenic Acid Attenuates UVB-mediated Oxidative Stress in Human HaCaT Keratinocytes. <i>Biomolecules and Therapeutics</i> , 2014, 22, 136-142.	1.1	86

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19	Myricetin suppresses oxidative stress-induced cell damage via both direct and indirect antioxidant action. <i>Environmental Toxicology and Pharmacology</i> , 2010, 29, 12-18.	2.0	84
20	Oxidative Stress, Nrf2, and Epigenetic Modification Contribute to Anticancer Drug Resistance. <i>Toxicological Research</i> , 2017, 33, 1-5.	1.1	80
21	Cellular protection of morin against the oxidative stress induced by hydrogen peroxide. <i>Chemico-Biological Interactions</i> , 2009, 177, 21-27.	1.7	72
22	Oxidative stress causes epigenetic alteration of CDX1 expression in colorectal cancer cells. <i>Gene</i> , 2013, 524, 214-219.	1.0	72
23	Particulate matter-induced senescence of skin keratinocytes involves oxidative stress-dependent epigenetic modifications. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-14.	3.2	71
24	Rosmarinic Acid Attenuates Cell Damage against UVB Radiation-Induced Oxidative Stress via Enhancing Antioxidant Effects in Human HaCaT Cells. <i>Biomolecules and Therapeutics</i> , 2016, 24, 75-84.	1.1	71
25	Triphlorethol-A induces heme oxygenase-1 via activation of ERK and NF-E2 related factor 2 transcription factor. <i>FEBS Letters</i> , 2007, 581, 2000-2008.	1.3	70
26	Radioprotective properties of eckol against ionizing radiation in mice. <i>FEBS Letters</i> , 2008, 582, 925-930.	1.3	70
27	Silver nanoparticles down-regulate Nrf2-mediated 8-oxoguanine DNA glycosylase 1 through inactivation of extracellular regulated kinase and protein kinase B in human Chang liver cells. <i>Toxicology Letters</i> , 2011, 207, 143-148.	0.4	67
28	Protective effect of phlorotannin components phloroglucinol and eckol on radiation-induced intestinal injury in mice. <i>Phytotherapy Research</i> , 2008, 22, 238-242.	2.8	65
29	Baicalein inhibits oxidative stress-induced cellular damage via antioxidant effects. <i>Toxicology and Industrial Health</i> , 2012, 28, 412-421.	0.6	64
30	Hepatoprotective effects of Lycium chinense Miller fruit and its constituent betaine in CCl ₄ -induced hepatic damage in rats. <i>Acta Histochemica</i> , 2014, 116, 1104-1112.	0.9	64
31	Phloroglucinol (1,3,5-trihydroxybenzene) protects against ionizing radiation-induced cell damage through inhibition of oxidative stress in vitro and in vivo. <i>Chemico-Biological Interactions</i> , 2010, 185, 215-226.	1.7	62
32	Anti-inflammatory effect of sargachromanol G isolated from <i>Sargassum siliquastrum</i> in RAW 264.7 cells. <i>Archives of Pharmacal Research</i> , 2012, 35, 1421-1430.	2.7	61
33	G1 phase arrest of the cell cycle by a ginseng metabolite, compound K, in U937 human monocytic leukemia cells. <i>Archives of Pharmacal Research</i> , 2005, 28, 685-690.	2.7	59
34	Eckol suppresses maintenance of stemness and malignancies in glioma stem-like cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 254, 32-40.	1.3	57
35	Eckol protects V79-4 lung fibroblast cells against ¹³⁷ CS-radiation-induced apoptosis via the scavenging of reactive oxygen species and inhibiting of the c-Jun NH ₂ -terminal kinase pathway. <i>European Journal of Pharmacology</i> , 2008, 591, 114-123.	1.7	56
36	Hyperoside Induces Endogenous Antioxidant System to Alleviate Oxidative Stress. <i>Journal of Cancer Prevention</i> , 2016, 21, 41-47.	0.8	55

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37	Timosaponin <i>Alli</i> inhibits melanoma cell migration by suppressing COX-2 and <i>in vivo</i> tumor metastasis. <i>Cancer Science</i> , 2016, 107, 181-188.	1.7	55
38	Phloroglucinol Attenuates the Cognitive Deficits of the 5XFAD Mouse Model of Alzheimer's Disease. <i>PLoS ONE</i> , 2015, 10, e0135686.	1.1	54
39	Phylogenetic analysis of the genera <i>Streptomyces</i> and <i>Kitasatospora</i> based on partial RNA polymerase β -subunit gene (<i>rpoB</i>) sequences. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 593-598.	0.8	52
40	The cytoprotective effect of butin against oxidative stress is mediated by the up-regulation of manganese superoxide dismutase expression through a PI3K/Akt/Nrf2-dependent pathway. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1987-1997.	1.2	52
41	Fisetin induces apoptosis in human nonsmall lung cancer cells via a mitochondria-mediated pathway. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 300-309.	0.7	52
42	Fisetin induces apoptosis and endoplasmic reticulum stress in human non-small cell lung cancer through inhibition of the MAPK signaling pathway. <i>Tumor Biology</i> , 2016, 37, 9615-9624.	0.8	52
43	Leukemic cell line, KG-1 has a functional loss of hOGG1 enzyme due to a point mutation and 8-hydroxydeoxyguanosine can kill KG-1. <i>Oncogene</i> , 2000, 19, 4476-4479.	2.6	51
44	Cytoprotective effect of the fruits of <i>Lycium chinense</i> Miller against oxidative stress-induced hepatotoxicity. <i>Journal of Ethnopharmacology</i> , 2010, 130, 299-306.	2.0	51
45	Compound K, a Metabolite of Ginseng Saponin, Induces Mitochondria-Dependent and Caspase-Dependent Apoptosis via the Generation of Reactive Oxygen Species in Human Colon Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2010, 11, 4916-4931.	1.8	50
46	Mitochondria protection of baicalein against oxidative damage via induction of manganese superoxide dismutase. <i>Environmental Toxicology and Pharmacology</i> , 2011, 31, 233-241.	2.0	49
47	Interaction of DNA demethylase and histone methyltransferase upregulates Nrf2 in 5-fluorouracil-resistant colon cancer cells. <i>Oncotarget</i> , 2016, 7, 40594-40620.	0.8	49
48	Phloroglucinol Attenuates Motor Functional Deficits in an Animal Model of Parkinson's Disease by Enhancing Nrf2 Activity. <i>PLoS ONE</i> , 2013, 8, e71178.	1.1	48
49	Compound K, a metabolite of ginseng saponin, inhibits colorectal cancer cell growth and induces apoptosis through inhibition of histone deacetylase activity. <i>International Journal of Oncology</i> , 2013, 43, 1907-1914.	1.4	47
50	Ginseng saponin metabolite induces apoptosis in MCF-7 breast cancer cells through the modulation of AMP-activated protein kinase. <i>Environmental Toxicology and Pharmacology</i> , 2010, 30, 134-140.	2.0	46
51	Antioxidant marine algae phlorotannins and radioprotection: A review of experimental evidence. <i>Acta Histochemica</i> , 2014, 116, 669-674.	0.9	46
52	Protective Effect of Triphlorethol-A from <i>Ecklonia cava</i> against Ionizing Radiation <i>in vitro</i> . <i>Journal of Radiation Research</i> , 2006, 47, 61-68.	0.8	45
53	Morin (2,3,4,5,7-Pentahydroxyflavone) Protected Cells against β -Radiation-Induced Oxidative Stress. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 108, 63-72.	1.2	45
54	The green algae <i>Ulva fasciata</i> Delile extract induces apoptotic cell death in human colon cancer cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013, 49, 74-81.	0.7	45

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55	7,8-Dihydroxyflavone protects human keratinocytes against oxidative stress-induced cell damage via the ERK and PI3K/Akt-mediated Nrf2/HO-1 signaling pathways. <i>International Journal of Molecular Medicine</i> , 2014, 33, 964-970.	1.8	45
56	Fucoxanthin Enhances the Level of Reduced Glutathione via the Nrf2-Mediated Pathway in Human Keratinocytes. <i>Marine Drugs</i> , 2014, 12, 4214-4230.	2.2	44
57	Downregulation of NO and PGE2 in LPS-stimulated BV2 microglial cells by trans-isoferulic acid via suppression of PI3K/Akt-dependent NF- κ B and activation of Nrf2-mediated HO-1. <i>International Immunopharmacology</i> , 2014, 18, 203-211.	1.7	44
58	DUOX2-mediated production of reactive oxygen species induces epithelial mesenchymal transition in 5-fluorouracil resistant human colon cancer cells. <i>Redox Biology</i> , 2018, 17, 224-235.	3.9	44
59	Preventive Effect of 7,8-Dihydroxyflavone against Oxidative Stress Induced Genotoxicity. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 166-171.	0.6	43
60	Involvement of glutathione and glutathione metabolizing enzymes in human colorectal cancer cell lines and tissues. <i>Molecular Medicine Reports</i> , 2015, 12, 4314-4319.	1.1	43
61	Novel anticancer activity of phloroglucinol against breast cancer stem-like cells. <i>Toxicology and Applied Pharmacology</i> , 2015, 286, 143-150.	1.3	43
62	PM2.5 Exposure in the Respiratory System Induces Distinct Inflammatory Signaling in the Lung and the Liver of Mice. <i>Journal of Immunology Research</i> , 2019, 2019, 1-11.	0.9	43
63	RUNX3 regulates cell cycle-dependent chromatin dynamics by functioning as a pioneer factor of the restriction-point. <i>Nature Communications</i> , 2019, 10, 1897.	5.8	42
64	Diesel particulate matter _{2.5} promotes epithelial-mesenchymal transition of human retinal pigment epithelial cells via generation of reactive oxygen species. <i>Environmental Pollution</i> , 2020, 262, 114301.	3.7	42
65	Fucoxanthin Protects Cultured Human Keratinocytes against Oxidative Stress by Blocking Free Radicals and Inhibiting Apoptosis. <i>Biomolecules and Therapeutics</i> , 2013, 21, 270-276.	1.1	41
66	Diphlorethohydroxycarmalol Inhibits Interleukin-6 Production by Regulating NF- κ B, STAT5 and SOCS1 in Lipopolysaccharide-Stimulated RAW264.7 Cells. <i>Marine Drugs</i> , 2015, 13, 2141-2157.	2.2	40
67	Esculetin induces death of human colon cancer cells via the reactive oxygen species-mediated mitochondrial apoptosis pathway. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 982-989.	2.0	40
68	Cytoprotective Effect of Eckol Against Oxidative Stress-Induced Mitochondrial Dysfunction: Involvement of the FoxO3a/AMPK Pathway. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1403-1411.	1.2	37
69	Apo-9 β -Fucoxanthinone, Isolated from <i>Sargassum muticum</i> , Inhibits CpG-Induced Inflammatory Response by Attenuating the Mitogen-Activated Protein Kinase Pathway. <i>Marine Drugs</i> , 2013, 11, 3272-3287.	2.2	36
70	Endoplasmic reticulum stress induces 5-fluorouracil resistance in human colon cancer cells. <i>Environmental Toxicology and Pharmacology</i> , 2016, 44, 128-133.	2.0	36
71	Reduced Autophagy in 5-Fluorouracil Resistant Colon Cancer Cells. <i>Biomolecules and Therapeutics</i> , 2017, 25, 315-320.	1.1	35
72	Diphlorethohydroxycarmalol, isolated from the brown algae <i>Ishige okamurae</i> , protects against radiation-induced cell damage in mice. <i>Food and Chemical Toxicology</i> , 2011, 49, 864-870.	1.8	34

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73	7,8-Dihydroxyflavone exhibits anti-inflammatory properties by downregulating the NF- κ B and MAPK signaling pathways in lipopolysaccharide-treated RAW264.7 cells. <i>International Journal of Molecular Medicine</i> , 2012, 29, 1146-52.	1.8	34
74	Non-thermal gas plasma-induced endoplasmic reticulum stress mediates apoptosis in human colon cancer cells. <i>Oncology Reports</i> , 2016, 36, 2268-2274.	1.2	33
75	Eckol Inhibits Particulate Matter 2.5-Induced Skin Keratinocyte Damage via MAPK Signaling Pathway. <i>Marine Drugs</i> , 2019, 17, 444.	2.2	33
76	18 β -Glycyrrhetic acid suppresses TNF- α induced matrix metalloproteinase-9 and vascular endothelial growth factor by suppressing the Akt-dependent NF- κ B pathway. <i>Toxicology in Vitro</i> , 2014, 28, 751-758.	1.1	32
77	Diallyl trisulfide exerts anti-inflammatory effects in lipopolysaccharide-stimulated RAW 264.7 macrophages by suppressing the Toll-like receptor 4/nuclear factor- κ B pathway. <i>International Journal of Molecular Medicine</i> , 2015, 35, 487-495.	1.8	32
78	Diphlorethohydroxycarmalol Attenuates Fine Particulate Matter-Induced Subcellular Skin Dysfunction. <i>Marine Drugs</i> , 2019, 17, 95.	2.2	32
79	Fucodiphlorethol G Purified from <i>Ecklonia cava</i> Suppresses Ultraviolet B Radiation-Induced Oxidative Stress and Cellular Damage. <i>Biomolecules and Therapeutics</i> , 2014, 22, 301-307.	1.1	32
80	Hesperidin Attenuates Ultraviolet B-Induced Apoptosis by Mitigating Oxidative Stress in Human Keratinocytes. <i>Biomolecules and Therapeutics</i> , 2016, 24, 312-319.	1.1	32
81	Auranofin Enhances Sulforaphane-Mediated Apoptosis in Hepatocellular Carcinoma Hep3B Cells through Inactivation of the PI3K/Akt Signaling Pathway. <i>Biomolecules and Therapeutics</i> , 2020, 28, 443-455.	1.1	32
82	Radioprotective effect of geraniin via the inhibition of apoptosis triggered by β -radiation-induced oxidative stress. <i>Cell Biology and Toxicology</i> , 2011, 27, 83-94.	2.4	31
83	Fisetin attenuates hydrogen peroxide-induced cell damage by scavenging reactive oxygen species and activating protective functions of cellular glutathione system. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014, 50, 66-74.	0.7	31
84	Anti-wrinkle effects of <i>Sargassum muticum</i> ethyl acetate fraction on ultraviolet B-irradiated hairless mouse skin and mechanistic evaluation in the human HaCaT keratinocyte cell line. <i>Molecular Medicine Reports</i> , 2016, 14, 2937-2944.	1.1	31
85	Thioridazine enhances sensitivity to carboplatin in human head and neck cancer cells through downregulation of c-FLIP and Mcl-1 expression. <i>Cell Death and Disease</i> , 2017, 8, e2599-e2599.	2.7	31
86	Morin Induces Heme Oxygenase-1 via ERK-Nrf2 Signaling Pathway. <i>Journal of Cancer Prevention</i> , 2013, 18, 249-256.	0.8	31
87	8-hydroxydeoxyguanosine causes death of human leukemia cells deficient in 8-oxoguanine glycosylase 1 activity by inducing apoptosis. <i>Molecular Cancer Research</i> , 2003, 1, 290-9.	1.5	31
88	Protective effect of butin against hydrogen peroxide-induced apoptosis by scavenging reactive oxygen species and activating antioxidant enzymes. <i>Molecular and Cellular Biochemistry</i> , 2008, 318, 33-42.	1.4	30
89	Camptothecin sensitizes human hepatoma Hep3B cells to TRAIL-mediated apoptosis via ROS-dependent death receptor 5 upregulation with the involvement of MAPKs. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 959-967.	2.0	30
90	Anti-inflammatory and antioxidant activities of phenolic compounds from <i>Desmodium caudatum</i> leaves and stems. <i>Archives of Pharmacal Research</i> , 2014, 37, 721-727.	2.7	30

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91	Undariopsis peterseniana Promotes Hair Growth by the Activation of Wnt/ β -Catenin and ERK Pathways. <i>Marine Drugs</i> , 2017, 15, 130.	2.2	30
92	Dieckol, a Component of <i>Ecklonia cava</i> , Suppresses the Production of MDC/CCL22 via Down-Regulating STAT1 Pathway in Interferon- β Stimulated HaCaT Human Keratinocytes. <i>Biomolecules and Therapeutics</i> , 2015, 23, 238-244.	1.1	30
93	Inhibitory effects of glycitein on hydrogen peroxide induced cell damage by scavenging reactive oxygen species and inhibiting c-Jun N-terminal kinase. <i>Free Radical Research</i> , 2007, 41, 720-729.	1.5	29
94	Protective Effect of the Ethyl Acetate Fraction of <i>Sargassum muticum</i> against Ultraviolet B-Irradiated Damage in Human Keratinocytes. <i>International Journal of Molecular Sciences</i> , 2011, 12, 8146-8160.	1.8	29
95	Phloroglucinol Exerts Protective Effects Against Oxidative Stress-Induced Cell Damage in SH-SY5Y Cells. <i>Journal of Pharmacological Sciences</i> , 2012, 119, 186-192.	1.1	29
96	Over-activation of AKT signaling leading to 5-Fluorouracil resistance in SNU-C5/5-FU cells. <i>Oncotarget</i> , 2018, 9, 19911-19928.	0.8	29
97	Galangin Activates the ERK/AKT-Driven Nrf2 Signaling Pathway to Increase the Level of Reduced Glutathione in Human Keratinocytes. <i>Biomolecules and Therapeutics</i> , 2017, 25, 427-433.	1.1	29
98	Niacinamide Protects Skin Cells from Oxidative Stress Induced by Particulate Matter. <i>Biomolecules and Therapeutics</i> , 2019, 27, 562-569.	1.1	29
99	Induction of Endoplasmic Reticulum Stress via Reactive Oxygen Species Mediated by Luteolin in Melanoma Cells. <i>Anticancer Research</i> , 2016, 36, 2281-9.	0.5	29
100	Phloroglucinol ameliorates cognitive impairments by reducing the amyloid β peptide burden and pro-inflammatory cytokines in the hippocampus of 5XFAD mice. <i>Free Radical Biology and Medicine</i> , 2018, 126, 221-234.	1.3	28
101	Effect of Fermented Fish Oil on Fine Particulate Matter-Induced Skin Aging. <i>Marine Drugs</i> , 2019, 17, 61.	2.2	28
102	7,8-Dihydroxyflavone Protects High Glucose-Damaged Neuronal Cells against Oxidative Stress. <i>Biomolecules and Therapeutics</i> , 2019, 27, 85-91.	1.1	28
103	Shikonin induces mitochondria-mediated apoptosis and attenuates epithelial-mesenchymal transition in cisplatin-resistant human ovarian cancer cells. <i>Oncology Letters</i> , 2018, 15, 5417-5424.	0.8	27
104	Phloroglucinol protects human keratinocytes from ultraviolet B radiation by attenuating oxidative stress. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2012, 28, 322-331.	0.7	26
105	Phloroglucinol Attenuates Ultraviolet B Radiation-Induced Matrix Metalloproteinase-1 Production in Human Keratinocytes via Inhibitory Actions against Mitogen-Activated Protein Kinases and Activator Protein-1. <i>Photochemistry and Photobiology</i> , 2012, 88, 381-388.	1.3	26
106	Neuritin Attenuates Cognitive Function Impairments in Tg2576 Mouse Model of Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e104121.	1.1	26
107	Protective Effect of Fisetin (3,7,3',4'-Tetrahydroxyflavone) against β -Irradiation-Induced Oxidative Stress and Cell Damage. <i>Biomolecules and Therapeutics</i> , 2013, 21, 210-215.	1.1	26
108	Eckol Inhibits Ultraviolet B-Induced Cell Damage in Human Keratinocytes & Decrease in Oxidative Stress. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 873-880.	0.6	25

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109	Oxidative stress induces proliferation of colorectal cancer cells by inhibiting RUNX3 and activating the Akt signaling pathway. <i>International Journal of Oncology</i> , 2013, 43, 1511-1516.	1.4	25
110	Camptothecin suppresses expression of matrix metalloproteinase-9 and vascular endothelial growth factor in DU145 cells through PI3K/Akt-mediated inhibition of NF- κ B activity and Nrf2-dependent induction of HO-1 expression. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 1189-1198.	2.0	25
111	Baicalein Protects Human Skin Cells against Ultraviolet B-Induced Oxidative Stress. <i>Biomolecules and Therapeutics</i> , 2016, 24, 616-622.	1.1	25
112	Potential for tyndalized <i>Lactobacillus acidophilus</i> as an effective component in moisturizing skin and anti-wrinkle products. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 759-764.	0.8	25
113	Cytoprotective Effects of KIOM-79 on Streptozotocin Induced Cell Damage by Inhibiting ERK and AP-1. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 852-858.	0.6	24
114	Inhibitory Effects of Triphlorethol-A on MMP-1 Induced by Oxidative Stress in Human Keratinocytes via ERK and AP-1 Inhibition. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008, 71, 992-999.	1.1	24
115	Baicalein (5,6,7-trihydroxyflavone) reduces oxidative stress-induced DNA damage by upregulating the DNA repair system. <i>Cell Biology and Toxicology</i> , 2012, 28, 421-433.	2.4	24
116	Shikonin Exerts Cytotoxic Effects in Human Colon Cancers by Inducing Apoptotic Cell Death via the Endoplasmic Reticulum and Mitochondria-Mediated Pathways. <i>Biomolecules and Therapeutics</i> , 2019, 27, 41-47.	1.1	24
117	Diphlorethohydroxycarmalol attenuated cell damage against UVB radiation via enhancing antioxidant effects and absorbing UVB ray in human HaCaT keratinocytes. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 680-688.	2.0	23
118	The Anti-obesity Effect of Natural Vanadium-Containing Jeju Ground Water. <i>Biological Trace Element Research</i> , 2013, 151, 294-300.	1.9	23
119	Antioxidant effect of homogenetic acid on hydrogen peroxide induced oxidative stress in human lung fibroblast cells. <i>Biotechnology and Bioprocess Engineering</i> , 2005, 10, 556-563.	1.4	22
120	Baicalein Attenuates Oxidative Stress-Induced Expression of Matrix Metalloproteinase-1 by Regulating the ERK/JNK/AP-1 Pathway in Human Keratinocytes. <i>Biomolecules and Therapeutics</i> , 2012, 20, 57-61.	1.1	22
121	Protective Effect of Diphlorethohydroxycarmalol against Ultraviolet B Radiation-Induced DNA Damage by Inducing the Nucleotide Excision Repair System in HaCaT Human Keratinocytes. <i>Marine Drugs</i> , 2015, 13, 5629-5641.	2.2	22
122	Particulate Matter 2.5 Mediates Cutaneous Cellular Injury by Inducing Mitochondria-Associated Endoplasmic Reticulum Stress: Protective Effects of Ginsenoside Rb1. <i>Antioxidants</i> , 2019, 8, 383.	2.2	22
123	Galangin (3,5,7-Trihydroxyflavone) Shields Human Keratinocytes from Ultraviolet B-Induced Oxidative Stress. <i>Biomolecules and Therapeutics</i> , 2015, 23, 165-173.	1.1	22
124	(1 <i>S</i> ,2 <i>S</i> ,3 <i>E</i> ,7 <i>E</i> ,11 <i>E</i>)-3,7,11,15-Cembratetraen-17,20-diol, a Cembrenolide Diterpene from Soft Coral <i>Lobophytum</i> sp., Inhibits Growth and Induces Apoptosis in Human Colon Cancer Cells through Reactive Oxygen Species Generation. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1054-1063.	0.6	21
125	Photo-protection by 3-bromo-4, 5-dihydroxybenzaldehyde against ultraviolet B-induced oxidative stress in human keratinocytes. <i>Ecotoxicology and Environmental Safety</i> , 2012, 83, 71-78.	2.9	21
126	Phloroglucinol inhibits ultraviolet B radiation-induced oxidative stress in the mouse skin. <i>International Journal of Radiation Biology</i> , 2014, 90, 928-935.	1.0	21

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127	Esculetin induces apoptosis in human colon cancer cells by inducing endoplasmic reticulum stress. <i>Cell Biochemistry and Function</i> , 2015, 33, 487-494.	1.4	21
128	Effects of dihydrotestosterone on rat dermal papilla cells in vitro. <i>European Journal of Pharmacology</i> , 2015, 757, 74-83.	1.7	21
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