Jin-Won Hyun

List of Publications by Year
in descending order

232	8,200	50170	74018
papers	citations	46 h-index	75 g-index

235	235	235	11426
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Natural Compound Shikonin Induces Apoptosis and Attenuates Epithelial to Mesenchymal Transition in Radiation-Resistant Human Colon Cancer Cells. Biomolecules and Therapeutics, 2022, 30, 137-144.	1.1	9
2	The Endoplasmic Reticulum Stress Response Mediates Shikonin-Induced Apoptosis of 5-Fluorouracil-Resistant Colorectal Cancer Cells. Biomolecules and Therapeutics, 2022, 30, 265-273.	1.1	7
3	Medicarpin Increases Antioxidant Genes by Inducing NRF2 Transcriptional Level in HeLa Cells. Antioxidants, 2022, 11, 421.	2.2	10
4	5-Bromo-3,4-dihydroxybenzaldehyde Promotes Hair Growth through Activation of Wnt/Î²-Catenin and Autophagy Pathways and Inhibition of TGF-Î² Pathways in Dermal Papilla Cells. Molecules, 2022, 27, 2176.	1.7	9
5	Comparative Study of Autophagy in Oxaliplatin-Sensitive and Resistant SNU-C5 Colon Cancer Cells. Biomolecules and Therapeutics, 2022, 30, 447-454.	1.1	1
6	Hesperidin Protects Human HaCaT Keratinocytes from Particulate Matter 2.5-Induced Apoptosis via the Inhibition of Oxidative Stress and Autophagy. Antioxidants, 2022, 11, 1363.	2.2	3
7	Inhibition of oxidative stress induced-cytotoxicity by coptisine in V79-4 Chinese hamster lung fibroblasts through the induction of Nrf-2 mediated HO-1 expression. Genes and Genomics, 2021, 43, 17-31.	0.5	9
8	Urban Aerosol Particulate Matter Promotes Necrosis and Autophagy via Reactive Oxygen Species-Mediated Cellular Disorders that Are Accompanied by Cell Cycle Arrest in Retinal Pigment Epithelial Cells. Antioxidants, 2021, 10, 149.	2.2	14
9	Phloroglucinol Attenuates Ultraviolet B-Induced 8-Oxoguanine Formation in Human HaCaT Keratinocytes through Akt and ErkMediated Nrf2/Ogg1 Signaling Pathways. Biomolecules and Therapeutics, 2021, 29, 90-97.	1.1	9
10	Myristoleic Acid Promotes Anagen Signaling by Autophagy through Activating Wnt/Î²-Catenin and ERK Pathways in Dermal Papilla Cells. Biomolecules and Therapeutics, 2021, 29, 211-219.	1.1	8
11	Suppression of Lipopolysaccharide-Induced Inflammatory and Oxidative Response by 5-Aminolevulinic Acid in RAW 264.7 Macrophages and Zebrafish Larvae. Biomolecules and Therapeutics, 2021, 29, 685-696.	1.1	21
12	The Protective Effect of Topical Spermidine on Dry Eye Disease with Retinal Damage Induced by Diesel Particulate Matter2.5. Pharmaceutics, 2021, 13, 1439.	2.0	7
13	Non-thermal dielectric-barrier discharge plasma induces reactive oxygen species by epigenetically modifying the expression of NADPH oxidase family genes in keratinocytes. Redox Biology, 2020, 37, 101698.	3.9	10
14	Anti-tumor Properties of Picrasma quassioides Extracts in H-Ras^{G12V} Liver Cancer Are Mediated Through ROS-dependent Mitochondrial Dysfunction. Anticancer Research, 2020, 40, 3819-3830.	0.5	10
15	Peroxiredoxin II Inhibits Alcohol-induced Apoptosis in L02 Hepatocytes Through AKT/Î²-Catenin Signaling Pathway. Anticancer Research, 2020, 40, 4491-4504.	0.5	7
16	Peroxiredoxin I deficiency increases keratinocyte apoptosis in a skin tumor model via the ROS-p38 MAPK pathway. Biochemical and Biophysical Research Communications, 2020, 529, 635-641.	1.0	10
17	Hemistepsin A protects human keratinocytes against hydrogen peroxide-induced oxidative stress through activation of the Nrf2/HO-1 signaling pathway. Archives of Biochemistry and Biophysics, 2020, 691, 108512.	1.4	15
18	Inhibitory effect of particulate matter on toll-like receptor 9 stimulated dendritic cells by downregulating mitogen-activated protein kinase and NF-ÎºB pathway. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2020, 83, 341-350.	1.1	10

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19	L-Ascorbic Acid Inhibits Breast Cancer Growth by Inducing IRE/JNK/CHOP-Related Endoplasmic Reticulum Stress-Mediated p62/SQSTM1 Accumulation in the Nucleus. Nutrients, 2020, 12, 1351.	1.7	12
20	Diesel particulate matter2.5 promotes epithelial-mesenchymal transition of human retinal pigment epithelial cells via generation of reactive oxygen species. Environmental Pollution, 2020, 262, 114301.	3.7	42
21	HNG, A Humanin Analogue, Promotes Hair Growth by Inhibiting Anagen-to-Catagen Transition. International Journal of Molecular Sciences, 2020, 21, 4553.	1.8	5
22	Extract of Cornus officinalis Protects Keratinocytes from Particulate Matter-induced Oxidative Stress. International Journal of Medical Sciences, 2020, 17, 63-70.	1.1	16
23	Auranofin Enhances Sulforaphane-Mediated Apoptosis in Hepatocellular Carcinoma Hep3B Cells through Inactivation of the PI3K/Akt Signaling Pathway. Biomolecules and Therapeutics, 2020, 28, 443-455.	1.1	32
24	Vanillic Acid Stimulates Anagen Signaling via the PI3K/Akt/ Î²-Catenin Pathway in Dermal Papilla Cells. Biomolecules and Therapeutics, 2020, 28, 354-360.	1.1	17
25	Esculetin Prevents the Induction of Matrix Metalloproteinase-1 by Hydrogen Peroxide in Skin Keratinocytes. Journal of Cancer Prevention, 2019, 24, 123-128.	0.8	5
26	Synthesis of Clitocybin A, B and C and their Biological Evaluation for Antioxidant Activities. Bulletin of the Korean Chemical Society, 2019, 40, 803-806.	1.0	1
27	Fermented Sea Tangle (Laminaria japonica Aresch) Suppresses RANKL-Induced Osteoclastogenesis by Scavenging ROS in RAW 264.7 Cells. Foods, 2019, 8, 290.	1.9	4
28	Eckol Inhibits Particulate Matter 2.5-Induced Skin Keratinocyte Damage via MAPK Signaling Pathway. Marine Drugs, 2019, 17, 444.	2.2	33
29	Particulate Matter 2.5 Mediates Cutaneous Cellular Injury by Inducing Mitochondria-Associated Endoplasmic Reticulum Stress: Protective Effects of Ginsenoside Rb1. Antioxidants, 2019, 8, 383.	2.2	22
30	Particulate matter-induced senescence of skin keratinocytes involves oxidative stress-dependent epigenetic modifications. Experimental and Molecular Medicine, 2019, 51, 1-14.	3.2	71
31	Effect of Fermented Fish Oil on Fine Particulate Matter-Induced Skin Aging. Marine Drugs, 2019, 17, 61.	2.2	28
32	3,4-Dicaffeoylquinic acid protects human keratinocytes against environmental oxidative damage. Journal of Functional Foods, 2019, 52, 430-441.	1.6	11
33	Protective effect of diphlorethohydroxycarmalol against oxidative stress-induced DNA damage and apoptosis in retinal pigment epithelial cells. Cutaneous and Ocular Toxicology, 2019, 38, 298-308.	0.5	20
34	Marine Compound 3-bromo-4,5-dihydroxybenzaldehyde Protects Skin Cells against Oxidative Damage via the Nrf2/HO-1 Pathway. Marine Drugs, 2019, 17, 234.	2.2	14
35	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. Experimental and Molecular Medicine, 2019, 51, 1-14.	3.2	95
36	RUNX3 regulates cell cycle-dependent chromatin dynamics by functioning as a pioneer factor of the restriction-point. Nature Communications, 2019, 10, 1897.	5.8	42

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37	Horse Oil Mitigates Oxidative Damage to Human HaCaT Keratinocytes Caused by Ultraviolet B Irradiation. International Journal of Molecular Sciences, 2019, 20, 1490.	1.8	5
38	Diphlorethohydroxycarmalol Attenuates Fine Particulate Matter-Induced Subcellular Skin Dysfunction. Marine Drugs, 2019, 17, 95.	2.2	32
39	PM2.5 Exposure in the Respiratory System Induces Distinct Inflammatory Signaling in the Lung and the Liver of Mice. Journal of Immunology Research, 2019, 2019, 1-11.	0.9	43
40	Particulate matter induces inflammatory cytokine production via activation of NFÎºB by TLR5-NOX4-ROS signaling in human skin keratinocyte and mouse skin. Redox Biology, 2019, 21, 101080.	3.9	97
41	Norgalanthamine Stimulates Proliferation of Dermal Papilla Cells <i>via</i> Anagen-Activating Signaling Pathways. Biological and Pharmaceutical Bulletin, 2019, 42, 139-143.	0.6	6
42	Shikonin Exerts Cytotoxic Effects in Human Colon Cancers by Inducing Apoptotic Cell Death via the Endoplasmic Reticulum and Mitochondria-Mediated Pathways. Biomolecules and Therapeutics, 2019, 27, 41-47.	1.1	24
43	Purpurogallin Protects Keratinocytes from Damage and Apoptosis Induced by Ultraviolet B Radiation and Particulate Matter 2.5. Biomolecules and Therapeutics, 2019, 27, 395-403.	1.1	17
44	7,8-Dihydroxyflavone Protects High Glucose-Damaged Neuronal Cells against Oxidative Stress. Biomolecules and Therapeutics, 2019, 27, 85-91.	1.1	28
45	Niacinamide Protects Skin Cells from Oxidative Stress Induced by Particulate Matter. Biomolecules and Therapeutics, 2019, 27, 562-569.	1.1	29
46	DUOX2-mediated production of reactive oxygen species induces epithelial mesenchymal transition in 5-fluorouracil resistant human colon cancer cells. Redox Biology, 2018, 17, 224-235.	3.9	44
47	Particulate matter 2.5 damages skin cells by inducing oxidative stress, subcellular organelle dysfunction, and apoptosis. Archives of Toxicology, 2018, 92, 2077-2091.	1.9	230
48	Shikonin induces mitochondria-mediated apoptosis and attenuates epithelial-mesenchymal transition in cisplatin-resistant human ovarian cancer cells. Oncology Letters, 2018, 15, 5417-5424.	0.8	27
49	Mackerel-Derived Fermented Fish Oil Promotes Hair Growth by Anagen-Stimulating Pathways. International Journal of Molecular Sciences, 2018, 19, 2770.	1.8	18
50	Mackerel-derived fermented fish oil protects skin against UVB-induced cellular damage by inhibiting oxidative stress. Journal of Functional Foods, 2018, 46, 147-158.	1.6	10
51	Phloroglucinol ameliorates cognitive impairments by reducing the amyloid Î² peptide burden and pro-inflammatory cytokines in the hippocampus of 5XFAD mice. Free Radical Biology and Medicine, 2018, 126, 221-234.	1.3	28
52	Over-activation of AKT signaling leading to 5-Fluorouracil resistance in SNU-C5/5-FU cells. Oncotarget, 2018, 9, 19911-19928.	0.8	29
53	3-Hydroxy-4,7-megastigmadien-9-one, isolated from Ulva pertusa, attenuates TLR9-mediated inflammatory response by down-regulating mitogen-activated protein kinase and NF-ÎºB pathways. Pharmaceutical Biology, 2017, 55, 435-440.	1.3	15
54	Thioridazine enhances sensitivity to carboplatin in human head and neck cancer cells through downregulation of c-FLIP and Mcl-1 expression. Cell Death and Disease, 2017, 8, e2599-e2599.	2.7	31

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55	Monoolein, isolated from Ishige sinicola, inhibits lipopolysaccharide-induced inflammatory response by attenuating mitogen-activated protein kinase and NF-Î¹B pathways. Food Science and Biotechnology, 2017, 26, 507-511.	1.2	11
56	Cytoplasmic Localization of RUNX3 via Histone Deacetylaseâ€Mediated SRC Expression in Oxidativeâ€Stressed Colon Cancer Cells. Journal of Cellular Physiology, 2017, 232, 1914-1921.	2.0	15
57	Oxidative Stress, Nrf2, and Epigenetic Modification Contribute to Anticancer Drug Resistance. Toxicological Research, 2017, 33, 1-5.	1.1	80
58	Undariopsis peterseniana Promotes Hair Growth by the Activation of Wnt/Î²-Catenin and ERK Pathways. Marine Drugs, 2017, 15, 130.	2.2	30
59	The Red Algae Compound 3-Bromo-4,5-dihydroxybenzaldehyde Protects Human Keratinocytes on Oxidative Stress-Related Molecules and Pathways Activated by UVB Irradiation. Marine Drugs, 2017, 15, 268.	2.2	14
60	Luteolin induces apoptotic cell death via antioxidant activity in human colon cancer cells. International Journal of Oncology, 2017, 51, 1169-1178.	1.4	103
61	Exposure of keratinocytes to non-thermal dielectric barrier discharge plasma increases the level of 8-oxoguanine via inhibition of its repair enzyme. Molecular Medicine Reports, 2017, 16, 6870-6875.	1.1	5
62	3-Bromo-4,5-dihydroxybenzaldehyde Enhances the Level of Reduced Glutathione via the Nrf2-Mediated Pathway in Human Keratinocytes. Marine Drugs, 2017, 15, 291.	2.2	17
63	Reduced Autophagy in 5-Fluorouracil Resistant Colon Cancer Cells. Biomolecules and Therapeutics, 2017, 25, 315-320.	1.1	35
64	Galangin Activates the ERK/AKT-Driven Nrf2 Signaling Pathway to Increase the Level of Reduced Glutathione in Human Keratinocytes. Biomolecules and Therapeutics, 2017, 25, 427-433.	1.1	29
65	A Benzylideneacetophenone Derivative Induces Apoptosis of Radiation-Resistant Human Breast Cancer Cells via Oxidative Stress. Biomolecules and Therapeutics, 2017, 25, 404-410.	1.1	9
66	PIG3 Regulates p53 Stability by Suppressing Its MDM2-Mediated Ubiquitination. Biomolecules and Therapeutics, 2017, 25, 396-403.	1.1	6
67	External Application of Apo-9'-fucoxanthinone, Isolated from Sargassum muticum, Suppresses Inflammatory Responses in a Mouse Model of Atopic Dermatitis. Toxicological Research, 2016, 32, 109-114.	1.1	14
68	4-Hydroxy-2,3-Dimethyl-2-Nonen-4-Olide Has an Inhibitory Effect on Pro-Inflammatory Cytokine Production in CpG-Stimulated Bone Marrow-Derived Dendritic Cells. Marine Drugs, 2016, 14, 88.	2.2	7
69	Baicalein Protects Human Skin Cells against Ultraviolet B-Induced Oxidative Stress. Biomolecules and Therapeutics, 2016, 24, 616-622.	1.1	25
70	Interaction of DNA demethylase and histone methyltransferase upregulates Nrf2 in 5-fluorouracil-resistant colon cancer cells. Oncotarget, 2016, 7, 40594-40620.	0.8	49
71	Hyperoside Induces Endogenous Antioxidant System to Alleviate Oxidative Stress. Journal of Cancer Prevention, 2016, 21, 41-47.	0.8	55
72	Non-thermal gas plasma-induced endoplasmic reticulum stress mediates apoptosis in human colon cancer cells. Oncology Reports, 2016, 36, 2268-2274.	1.2	33

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73	Hwang-Heuk-San induces apoptosis in HCT116 human colorectal cancer cells through the ROS-mediated activation of caspases and the inactivation of the PI3K/Akt signaling pathway. Oncology Reports, 2016, 36, 205-214.	1.2	13
74	Endoplasmic reticulum stress induces 5-fluorouracil resistance in human colon cancer cells. Environmental Toxicology and Pharmacology, 2016, 44, 128-133.	2.0	36
75	Phloroglucinol Reduces Photodamage in Hairless Mice via Matrix Metalloproteinase Activity Through <scp>MAPK</scp> Pathway. Photochemistry and Photobiology, 2016, 92, 173-179.	1.3	12
76	Potential for tyndalized Lactobacillus acidophilus as an effective component in moisturizing skin and anti-wrinkle products. Experimental and Therapeutic Medicine, 2016, 12, 759-764.	0.8	25
77	Timosaponin <scp>AIII</scp> inhibits melanoma cell migration by suppressing <scp>COX</scp>â€2 and in vivo tumor metastasis. Cancer Science, 2016, 107, 181-188.	1.7	55
78	Promotion Effect of Apo-9â€²-fucoxanthinone from Sargassum muticum on Hair Growth via the Activation of Wnt/Î²-Catenin and VEGF-R2. Biological and Pharmaceutical Bulletin, 2016, 39, 1273-1283.	0.6	20
79	Anti-wrinkle effects of Sargassum muticum ethyl acetate fraction on ultraviolet B-irradiated hairless mouse skin and mechanistic evaluation in the human HaCaT keratinocyte cell line. Molecular Medicine Reports, 2016, 14, 2937-2944.	1.1	31
80	Orally administered betaine reduces photodamage caused by UVB irradiation through the regulation of matrix metalloproteinase-9 activity in hairless mice. Molecular Medicine Reports, 2016, 13, 823-828.	1.1	8
81	Effect of irradiation on cytokine secretion and nitric oxide production by inflammatory macrophages. Genes and Genomics, 2016, 38, 717-722.	0.5	0
82	Fisetin induces apoptosis and endoplasmic reticulum stress in human non-small cell lung cancer through inhibition of the MAPK signaling pathway. Tumor Biology, 2016, 37, 9615-9624.	0.8	52
83	Photo-protective effect of sargachromenol against UVB radiation-induced damage through modulating cellular antioxidant systems and apoptosis in human keratinocytes. Environmental Toxicology and Pharmacology, 2016, 43, 112-119.	2.0	16
84	Non-thermal dielectric-barrier discharge plasma damages human keratinocytes by inducing oxidative stress. International Journal of Molecular Medicine, 2016, 37, 29-38.	1.8	21
85	Role of atmospheric pressure plasma (APP) in wound healing: APP-induced antifibrotic process in human dermal fibroblasts. Experimental Dermatology, 2016, 25, 159-161.	1.4	3
86	Rosmarinic Acid Attenuates Cell Damage against UVB Radiation-Induced Oxidative Stress via Enhancing Antioxidant Effects in Human HaCaT Cells. Biomolecules and Therapeutics, 2016, 24, 75-84.	1.1	71
87	Hesperidin Attenuates Ultraviolet B-Induced Apoptosis by Mitigating Oxidative Stress in Human Keratinocytes. Biomolecules and Therapeutics, 2016, 24, 312-319.	1.1	32
88	The Effect of (1S,2S,3E,7E,11E)-3,7,11,15-Cembratetraen-17,2-Olide (LS-1) from Lobophyyum sp. on the Apoptosis Induction of SNU-C5 Human Colorectal Cancer Cells. Biomolecules and Therapeutics, 2016, 24, 623-629.	1.1	5
89	Induction of Endoplasmic Reticulum Stress via Reactive Oxygen Species Mediated by Luteolin in Melanoma Cells. Anticancer Research, 2016, 36, 2281-9.	0.5	29
90	Involvement of glutathione and glutathione metabolizing enzymes in human colorectal cancer cell lines and tissues. Molecular Medicine Reports, 2015, 12, 4314-4319.	1.1	43

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91	Esculetin induces apoptosis in human colon cancer cells by inducing endoplasmic reticulum stress. Cell Biochemistry and Function, 2015, 33, 487-494.	1.4	21
92	Diphlorethohydroxycarmalol Inhibits Interleukin-6 Production by Regulating NF-Î²B, STAT5 and SOCS1 in Lipopolysaccharide-Stimulated RAW264.7 Cells. Marine Drugs, 2015, 13, 2141-2157.	2.2	40
93	The Anticancer Effect of (1S,2S,3E,7E,11E)-3,7,11, 15-Cembratetraen-17,2-olide(LS-1) through the Activation of TGF-Î² Signaling in SNU-C5/5-FU, Fluorouracil-Resistant Human Colon Cancer Cells. Marine Drugs, 2015, 13, 1340-1359.	2.2	9
94	Protective Effect of Diphlorethohydroxycarmalol against Ultraviolet B Radiation-Induced DNA Damage by Inducing the Nucleotide Excision Repair System in HaCaT Human Keratinocytes. Marine Drugs, 2015, 13, 5629-5641.	2.2	22
95	Phloroglucinol Attenuates the Cognitive Deficits of the 5XFAD Mouse Model of Alzheimerâ€™s Disease. PLoS ONE, 2015, 10, e0135686.	1.1	54
96	Generation of Reactive Oxygen Species and Endoplasmic Reticulum Stress by Dictyopteris undulata Extract Leads to Apoptosis in Human Melanoma Cells. Journal of Environmental Pathology, Toxicology and Oncology, 2015, 34, 191-200.	0.6	5
97	Phloroglucinol enhances the repair of UVB radiation-induced DNA damage via promotion of the nucleotide excision repair system in vitro and in vivo. DNA Repair, 2015, 28, 131-138.	1.3	16
98	Diallyl trisulfide exerts anti-inflammatory effects in lipopolysaccharide-stimulated RAW 264.7 macrophages by suppressing the Toll-like receptor 4/nuclear factor-Î²B pathway. International Journal of Molecular Medicine, 2015, 35, 487-495.	1.8	32
99	Fisetin induces apoptosis in human nonsmall lung cancer cells via a mitochondria-mediated pathway. In Vitro Cellular and Developmental Biology - Animal, 2015, 51, 300-309.	0.7	52
100	Camptothecin suppresses expression of matrix metalloproteinase-9 and vascular endothelial growth factor in DU145 cells through PI3K/Akt-mediated inhibition of NF-Î²B activity and Nrf2-dependent induction of HO-1 expression. Environmental Toxicology and Pharmacology, 2015, 39, 1189-1198.	2.0	25
101	Esculetin induces death of human colon cancer cells via the reactive oxygen species-mediated mitochondrial apoptosis pathway. Environmental Toxicology and Pharmacology, 2015, 39, 982-989.	2.0	40
102	Effects of dihydrotestosterone on rat dermal papilla cells in vitro. European Journal of Pharmacology, 2015, 757, 74-83.	1.7	21
103	Novel anticancer activity of phloroglucinol against breast cancer stem-like cells. Toxicology and Applied Pharmacology, 2015, 286, 143-150.	1.3	43
104	Galangin (3,5,7-Trihydroxyflavone) Shields Human Keratinocytes from Ultraviolet B-Induced Oxidative Stress. Biomolecules and Therapeutics, 2015, 23, 165-173.	1.1	22
105	Dieckol, a Component of Ecklonia cava, Suppresses the Production of MDC/CCL22 via Down-Regulating STAT1 Pathway in Interferon-Î³ Stimulated HaCaT Human Keratinocytes. Biomolecules and Therapeutics, 2015, 23, 238-244.	1.1	30
106	Isorhamnetin Protects Human Keratinocytes against Ultraviolet B-Induced Cell Damage. Biomolecules and Therapeutics, 2015, 23, 357-366.	1.1	8
107	Diphlorethohydroxycarmalol Suppresses Ultraviolet B-Induced Matrix Metalloproteinases via Inhibition of JNK and ERK Signaling in Human Keratinocytes. Biomolecules and Therapeutics, 2015, 23, 557-563.	1.1	12
108	Fucoxanthin Enhances the Level of Reduced Glutathione via the Nrf2-Mediated Pathway in Human Keratinocytes. Marine Drugs, 2014, 12, 4214-4230.	2.2	44

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109	Triphlorethol-A from Ecklonia cava Up-Regulates the Oxidant Sensitive 8-Oxoguanine DNA Glycosylase 1. Marine Drugs, 2014, 12, 5357-5371.	2.2	9
110	Dictyopteris undulata Extract Induces Apoptosis via Induction of Endoplasmic Reticulum Stress in Human Colon Cancer Cells. Journal of Cancer Prevention, 2014, 19, 118-124.	0.8	10
111	The Polyphenol Chlorogenic Acid Attenuates UVB-mediated Oxidative Stress in Human HaCaT Keratinocytes. Biomolecules and Therapeutics, 2014, 22, 136-142.	1.1	86
112	Antioxidant marine algae phlorotannins and radioprotection: A review of experimental evidence. Acta Histochemica, 2014, 116, 669-674.	0.9	46
113	Downregulation of NO and PGE2 in LPS-stimulated BV2 microglial cells by trans-isoferulic acid via suppression of PI3K/Akt-dependent NF-Î²B and activation of Nrf2-mediated HO-1. International Immunopharmacology, 2014, 18, 203-211.	1.7	44
114	Protective Effect of 3,4-Dihydroxybenzoic Acid Isolated from Cladophora wrightiana Harvey Against Ultraviolet B Radiation-Induced Cell Damage in Human HaCaT Keratinocytes. Applied Biochemistry and Biotechnology, 2014, 172, 2582-2592.	1.4	10
115	Extracts of the seaweed Sargassum macrocarpum inhibit the CpG-induced inflammatory response by attenuating the NF-Î²B pathway. Food Science and Biotechnology, 2014, 23, 293-297.	1.2	13
116	Cytoprotective Effect of Eckol Against Oxidative Stressâ€induced Mitochondrial Dysfunction: Involvement of the FoxO3a/AMPK Pathway. Journal of Cellular Biochemistry, 2014, 115, 1403-1411.	1.2	37
117	7,8-Dihydroxyflavone protects human keratinocytes against oxidative stress-induced cell damage via the ERK and PI3K/Akt-mediated Nrf2/HO-1 signaling pathways. International Journal of Molecular Medicine, 2014, 33, 964-970.	1.8	45
118	Camptothecin sensitizes human hepatoma Hep3B cells to TRAIL-mediated apoptosis via ROS-dependent death receptor 5 upregulation with the involvement of MAPKs. Environmental Toxicology and Pharmacology, 2014, 38, 959-967.	2.0	30
119	Phloroglucinol inhibits ultraviolet B radiation-induced oxidative stress in the mouse skin. International Journal of Radiation Biology, 2014, 90, 928-935.	1.0	21
120	Photo-protective effect of americanin B against ultraviolet B-induced damage in cultured human keratinocytes. Environmental Toxicology and Pharmacology, 2014, 38, 891-900.	2.0	11
121	The ethyl acetate fraction ofSargassum muticumattenuates ultraviolet B radiation-induced apoptotic cell death via regulation of MAPK- and caspase-dependent signaling pathways in human HaCaT keratinocytes. Pharmaceutical Biology, 2014, 52, 1110-1118.	1.3	15
122	Hepatoprotective effects of Lycium chinense Miller fruit and its constituent betaine in CCl4-induced hepatic damage in rats. Acta Histochemica, 2014, 116, 1104-1112.	0.9	64
123	Dictyopteris undulata extract induces apoptosis in human colon cancer cells. Biotechnology and Bioprocess Engineering, 2014, 19, 419-425.	1.4	6
124	Effect of 7, 8-dihydroxyflavone on the up-regulation of Nrf2-mediated heme oxygenase-1 expression in hamster lung fibroblasts. In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 549-554.	0.7	11
125	Cytoprotective effects of 6â€²-O-galloylpaeoniflorin against ultraviolet B radiation-induced cell damage in human keratinocytes. In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 664-674.	0.7	8
126	Americanin B protects cultured human keratinocytes against oxidative stress by exerting antioxidant effects. In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 766-777.	0.7	4

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127	Anti-inflammatory and antioxidant activities of phenolic compounds from Desmodium caudatum leaves and stems. Archives of Pharmacal Research, 2014, 37, 721-727.	2.7	30
128	Fisetin attenuates hydrogen peroxide-induced cell damage by scavenging reactive oxygen species and activating protective functions of cellular glutathione system. In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 66-74.	0.7	31
129	18Î²-Glycyrrhetinic acid suppresses TNF-Î± induced matrix metalloproteinase-9 and vascular endothelial growth factor by suppressing the Akt-dependent NF-Î¹B pathway. Toxicology in Vitro, 2014, 28, 751-758.	1.1	32
130	Neuritin Attenuates Cognitive Function Impairments in Tg2576 Mouse Model of Alzheimer's Disease. PLoS ONE, 2014, 9, e104121.	1.1	26
131	Epigenetic alterations are involved in the overexpression of glutathione S-transferase Ï€-1 in human colorectal cancers. International Journal of Oncology, 2014, 45, 1275-1283.	1.4	17
132	Gracilaria bursa-pastoris (Gmelin) Silva Extract Attenuates Ultraviolet B Radiation-Induced Oxidative Stress in Human Keratinocytes. Journal of Environmental Pathology, Toxicology and Oncology, 2014, 33, 33-43.	0.6	2
133	Fucodiphlorethol G Purified from Ecklonia cava Suppresses Ultraviolet B Radiation-Induced Oxidative Stress and Cellular Damage. Biomolecules and Therapeutics, 2014, 22, 301-307.	1.1	32
134	Sea lettuce (Ulva fasciata) extract has an inhibitory effect on proinflammatory cytokine production in CpG-stimulated bone marrow-derived macrophages and dendritic cells. Food Science and Biotechnology, 2013, 22, 781-786.	1.2	7
135	Isolation of xanthones from adventitious roots of St. Johnâ€™s Wort (Hypericum perforatum L.) and their antioxidant and cytotoxic activities. Food Science and Biotechnology, 2013, 22, 945-949.	1.2	15
136	Photoprotective effect of Undaria crenata against ultraviolet B-induced damage to keratinocytes. Journal of Bioscience and Bioengineering, 2013, 116, 256-264.	1.1	10
137	Diphlorethohydroxycarmalol attenuated cell damage against UVB radiation via enhancing antioxidant effects and absorbing UVB ray in human HaCaT keratinocytes. Environmental Toxicology and Pharmacology, 2013, 36, 680-688.	2.0	23
138	The green algae Ulva fasciata Delile extract induces apoptotic cell death in human colon cancer cells. In Vitro Cellular and Developmental Biology - Animal, 2013, 49, 74-81.	0.7	45
139	The Anti-obesity Effect of Natural Vanadium-Containing Jeju Ground Water. Biological Trace Element Research, 2013, 151, 294-300.	1.9	23
140	Oxidative stress causes epigenetic alteration of CDX1 expression in colorectal cancer cells. Gene, 2013, 524, 214-219.	1.0	72
141	Compound K, a metabolite of ginseng saponin, inhibits colorectal cancer cell growth and induces apoptosis through inhibition of histone deacetylase activity. International Journal of Oncology, 2013, 43, 1907-1914.	1.4	47
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