

Hsin-Ling Yang

List of Publications by Year in descending order

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83
papers

3,700
citations

109264

35
h-index

143943

57
g-index

84
all docs

84
docs citations

84
times ranked

4534
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#	ARTICLE	IF	CITATIONS
1	Ellagic acid protects human keratinocyte (HaCaT) cells against UVA-induced oxidative stress and apoptosis through the upregulation of the HO-1 and Nrf-2 antioxidant genes. <i>Food and Chemical Toxicology</i> , 2012, 50, 1245-1255.	1.8	200
2	Antioxidant activities of <i>Toona Sinensis</i> leaves extracts using different antioxidant models. <i>Food and Chemical Toxicology</i> , 2008, 46, 105-114.	1.8	165
3	Growth inhibition and induction of apoptosis in MCF-7 breast cancer cells by <i>Antrodia camphorata</i> . <i>Cancer Letters</i> , 2006, 231, 215-227.	3.2	162
4	Anti-inflammatory potential of <i>Antrodia Camphorata</i> through inhibition of iNOS, COX-2 and cytokines via the NF- κ B pathway. <i>International Immunopharmacology</i> , 2005, 5, 1914-1925.	1.7	159
5	Antioxidant and Anti-Inflammatory Potential of Hesperetin Metabolites Obtained from Hesperetin-Administered Rat Serum: An Ex Vivo Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 522-532.	2.4	127
6	<i>Toona sinensis</i> and its major bioactive compound gallic acid inhibit LPS-induced inflammation in nuclear factor- κ B transgenic mice as evaluated by in vivo bioluminescence imaging. <i>Food Chemistry</i> , 2013, 136, 426-434.	4.2	112
7	Protection of oxidative damage by aqueous extract from <i>Antrodia camphorata</i> mycelia in normal human erythrocytes. <i>Life Sciences</i> , 2002, 71, 469-482.	2.0	110
8	Protection from oxidative damage using <i>Bidens pilosa</i> extracts in normal human erythrocytes. <i>Food and Chemical Toxicology</i> , 2006, 44, 1513-1521.	1.8	100
9	The Chalcone Flavokawain B Induces G ₂ /M Cell-Cycle Arrest and Apoptosis in Human Oral Carcinoma HSC-3 Cells through the Intracellular ROS Generation and Downregulation of the Akt/p38 MAPK Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2385-2397.	2.4	97
10	Anti-EMT properties of CoQ0 attributed to PI3K/AKT/NF κ B/MMP-9 signaling pathway through ROS-mediated apoptosis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 186.	3.5	94
11	Dermato-protective properties of ergothioneine through induction of Nrf2/ARE-mediated antioxidant genes in UVA-irradiated Human keratinocytes. <i>Free Radical Biology and Medicine</i> , 2015, 86, 102-117.	1.3	87
12	<i>Toona sinensis</i> extracts induces apoptosis via reactive oxygen species in human premyelocytic leukemia cells. <i>Food and Chemical Toxicology</i> , 2006, 44, 1978-1988.	1.8	75
13	Induction of Apoptosis by <i>Antrodia camphorata</i> in Human Premyelocytic Leukemia HL-60 Cells. <i>Nutrition and Cancer</i> , 2004, 48, 189-197.	0.9	73
14	<i>Antrodia camphorata</i> inhibits proliferation of human breast cancer cells in vitro and in vivo. <i>Food and Chemical Toxicology</i> , 2008, 46, 2680-2688.	1.8	68
15	Anti-metastatic activities of <i>Antrodia camphorata</i> against human breast cancer cells mediated through suppression of the MAPK signaling pathway. <i>Food and Chemical Toxicology</i> , 2011, 49, 290-298.	1.8	66
16	<i>Toona sinensis</i> (leaf extracts) inhibit vascular endothelial growth factor (VEGF)-induced angiogenesis in vascular endothelial cells. <i>Journal of Ethnopharmacology</i> , 2011, 134, 111-121.	2.0	60
17	<i>In vitro</i> and <i>in vivo</i> studies disclosed the depigmenting effects of gallic acid: A novel skin lightening agent for hyperpigmentary skin diseases. <i>BioFactors</i> , 2013, 39, 259-270.	2.6	59
18	Flavokawain B inhibits growth of human squamous carcinoma cells: Involvement of apoptosis and cell cycle dysregulation in vitro and in vivo. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 368-378.	1.9	51

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19	Trans-cinnamic acid attenuates UVA-induced photoaging through inhibition of AP-1 activation and induction of Nrf2-mediated antioxidant genes in human skin fibroblasts. <i>Journal of Dermatological Science</i> , 2018, 90, 123-134.	1.0	51
20	Zerumbone protects human skin keratinocytes against UVA-irradiated damages through Nrf2 induction. <i>Biochemical Pharmacology</i> , 2018, 148, 130-146.	2.0	51
21	Inhibition of cyclooxygenase-2 and induction of apoptosis in estrogen-nonresponsive breast cancer cells by <i>Antrodia camphorata</i> . <i>Food and Chemical Toxicology</i> , 2007, 45, 1107-1115.	1.8	48
22	Antioxidant activity of <i>Antrodia camphorata</i> on free radical-induced endothelial cell damage. <i>Journal of Ethnopharmacology</i> , 2008, 118, 237-245.	2.0	45
23	Lucidone protects human skin keratinocytes against free radical-induced oxidative damage and inflammation through the up-regulation of HO-1/Nrf2 antioxidant genes and down-regulation of NF- κ B signaling pathway. <i>Food and Chemical Toxicology</i> , 2013, 59, 55-66.	1.8	45
24	Coenzyme Q 0 regulates NF- κ B/AP-1 activation and enhances Nrf2 stabilization in attenuation of LPS-induced inflammation and redox imbalance: Evidence from in vitro and in vivo studies. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 246-261.	0.9	45
25	<i>Antrodia salmonea</i> suppresses invasion and metastasis in triple-negative breast cancer cells by reversing EMT through the NF- κ B and Wnt/ β -catenin signaling pathway. <i>Food and Chemical Toxicology</i> , 2019, 124, 219-230.	1.8	45
26	Inhibitory effects of <i>Physalis angulata</i> on tumor metastasis and angiogenesis. <i>Journal of Ethnopharmacology</i> , 2011, 135, 762-771.	2.0	44
27	Induction of Nrf2-mediated genes by <i>Antrodia salmonea</i> inhibits ROS generation and inflammatory effects in lipopolysaccharide-stimulated RAW264.7 macrophages. <i>Food and Function</i> , 2015, 6, 229-240.	2.1	43
28	<i>In vitro</i> and <i>in vivo</i> anti-tumor activity of CoQ0 against melanoma cells: inhibition of metastasis and induction of cell-cycle arrest and apoptosis through modulation of Wnt/ β -catenin signaling pathways. <i>Oncotarget</i> , 2016, 7, 22409-22426.	0.8	42
29	Inhibition of ROS production, autophagy or apoptosis signaling reversed the anticancer properties of <i>Antrodia salmonea</i> in triple-negative breast cancer (MDA-MB-231) cells. <i>Food and Chemical Toxicology</i> , 2017, 103, 1-17.	1.8	41
30	<i>Antrodia Camphorata</i> in Submerged Culture Protects Low Density Lipoproteins Against Oxidative Modification. <i>The American Journal of Chinese Medicine</i> , 2006, 34, 217-231.	1.5	40
31	The <i>in vitro</i> and <i>in vivo</i> depigmenting activity of pterostilbene through induction of autophagy in melanocytes and inhibition of UVA-irradiated α -MSH in keratinocytes via Nrf2-mediated antioxidant pathways. <i>Redox Biology</i> , 2021, 44, 102007.	3.9	40
32	<i>Alpinia pricei</i> rhizome extracts induce apoptosis of human carcinoma KB cells via a mitochondria-dependent apoptotic pathway. <i>Food and Chemical Toxicology</i> , 2008, 46, 3318-3324.	1.8	39
33	Chalcone flavokawain B induces autophagic-cell death via reactive oxygen species-mediated signaling pathways in human gastric carcinoma and suppresses tumor growth in nude mice. <i>Archives of Toxicology</i> , 2017, 91, 3341-3364.	1.9	39
34	Antioxidant activities of aqueous leaf extracts of <i>Toona sinensis</i> on free radical-induced endothelial cell damage. <i>Journal of Ethnopharmacology</i> , 2011, 137, 669-680.	2.0	37
35	Anti-angiogenic properties of coenzyme Q0 through downregulation of MMP-9/NF- κ B and upregulation of HO-1 signaling in TNF- α -activated human endothelial cells. <i>Biochemical Pharmacology</i> , 2015, 98, 144-156.	2.0	37
36	The Antiaging Activity of Ergothioneine in UVA-Irradiated Human Dermal Fibroblasts via the Inhibition of the AP-1 Pathway and the Activation of Nrf2-Mediated Antioxidant Genes. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	1.9	37

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37	Antitumor properties of Coenzyme Q0 against human ovarian carcinoma cells via induction of ROS-mediated apoptosis and cytoprotective autophagy. <i>Scientific Reports</i> , 2017, 7, 8062.	1.6	36
38	<i>Toona sinensis</i> Inhibits LPS-Induced Inflammation and Migration in Vascular Smooth Muscle Cells via Suppression of Reactive Oxygen Species and NF- κ B Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-16.	1.9	35
39	<i>Antrodia salmonea</i> inhibits TNF- α -induced angiogenesis and atherogenesis in human endothelial cells through the down-regulation of NF- κ B and up-regulation of Nrf2 signaling pathways. <i>Journal of Ethnopharmacology</i> , 2014, 151, 394-406.	2.0	34
40	Antihemolytic and antioxidant properties of pearl powder against 2,2'-azobis(2-amidinopropane) dihydrochloride-induced hemolysis and oxidative damage to erythrocyte membrane lipids and proteins. <i>Journal of Food and Drug Analysis</i> , 2017, 25, 898-907.	0.9	33
41	<i>Antrodia camphorata</i> inhibits metastasis and epithelial-to-mesenchymal transition via the modulation of claudin-1 and Wnt/ β -catenin signaling pathways in human colon cancer cells. <i>Journal of Ethnopharmacology</i> , 2017, 208, 72-83.	2.0	33
42	Anticancer activities of chalcone flavokawain B from <i>Alpinia pricei</i> Hayata in human lung adenocarcinoma (A549) cells via induction of reactive oxygen species-mediated apoptotic and autophagic cell death. <i>Journal of Cellular Physiology</i> , 2019, 234, 17514-17526.	2.0	32
43	In vitro and in vivo activity of gallic acid and <i>Toona sinensis</i> leaf extracts against HL-60 human promyelocytic leukemia. <i>Food and Chemical Toxicology</i> , 2012, 50, 3489-3497.	1.8	31
44	The anti-cancer activity of <i>Antrodia camphorata</i> against human ovarian carcinoma (SKOV-3) cells via modulation of HER-2/neu signaling pathway. <i>Journal of Ethnopharmacology</i> , 2013, 148, 254-265.	2.0	31
45	VAV3 Oncogene Expression in Colorectal Cancer: Clinical Aspects and Functional Characterization. <i>Scientific Reports</i> , 2015, 5, 9360.	1.6	31
46	Cardenolides and Bufadienolide Glycosides from <i>Kalanchoe tubiflora</i> and Evaluation of Cytotoxicity. <i>Planta Medica</i> , 2013, 79, 1362-1369.	0.7	30
47	Zerumbone Exhibits Antiphotaging and Dermatoprotective Properties in Ultraviolet A-Irradiated Human Skin Fibroblast Cells via the Activation of Nrf2/ARE Defensive Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	30
48	The Skin-Whitening Effects of Ectoine via the Suppression of α -MSH-Stimulated Melanogenesis and the Activation of Antioxidant Nrf2 Pathways in UVA-Irradiated Keratinocytes. <i>Antioxidants</i> , 2020, 9, 63.	2.2	30
49	Anti- <i>Helicobacter pylori</i> activity of fermented milk with lactic acid bacteria. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 1424-1431.	1.7	29
50	The In Vitro and In Vivo Anticancer Properties of Chalcone Flavokawain B through Induction of ROS-Mediated Apoptotic and Autophagic Cell Death in Human Melanoma Cells. <i>Cancers</i> , 2020, 12, 2936.	1.7	29
51	The anti-tumor activity of <i>Antrodia salmonea</i> in human promyelocytic leukemia (HL-60) cells is mediated via the induction of G1 cell-cycle arrest and apoptosis in vitro or in vivo. <i>Journal of Ethnopharmacology</i> , 2014, 153, 499-510.	2.0	27
52	Coenzyme Q ₀ Enhances Ultraviolet B-Induced Apoptosis in Human Estrogen Receptor-Positive Breast (MCF-7) Cancer Cells. <i>Integrative Cancer Therapies</i> , 2017, 16, 385-396.	0.8	26
53	CoQ0-induced mitochondrial PTP opening triggers apoptosis via ROS-mediated VDAC1 upregulation in HL-60 leukemia cells and suppresses tumor growth in athymic nude mice/xenografted nude mice. <i>Archives of Toxicology</i> , 2018, 92, 301-322.	1.9	26
54	<i>Ganoderma tsugae</i> induced ROS-independent apoptosis and cytoprotective autophagy in human chronic myeloid leukemia cells. <i>Food and Chemical Toxicology</i> , 2019, 124, 30-44.	1.8	26

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55	Inhibition of Cell Growth and Induction of Apoptosis by <i>Antrodia camphorata</i> in HER-2/neu-Overexpressing Breast Cancer Cells through the Induction of ROS, Depletion of HER-2/neu, and Disruption of the PI3K/Akt Signaling Pathway. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-15.	0.5	25
56	Suppression of LPS-Induced Inflammation by Chalcone Flavokawain A through Activation of Nrf2/ARE-Mediated Antioxidant Genes and Inhibition of ROS/NF- κ B Signaling Pathways in Primary Splenocytes. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	1.9	25
57	Humic acid induces the generation of nitric oxide in human umbilical vein endothelial cells: stimulation of nitric oxide synthase during cell injury. Free Radical Biology and Medicine, 2002, 32, 619-629.	1.3	24
58	Chalcone flavokawain A attenuates TGF- β 1-induced fibrotic pathology via inhibition of ROS/Smad3 signaling pathways and induction of Nrf2/ARE-mediated antioxidant genes in vascular smooth muscle cells. Journal of Cellular and Molecular Medicine, 2019, 23, 775-788.	1.6	24
59	Flavokawain B and Doxorubicin Work Synergistically to Impede the Propagation of Gastric Cancer Cells via ROS-Mediated Apoptosis and Autophagy Pathways. Cancers, 2020, 12, 2475.	1.7	24
60	Clinical Significance of Increased Guanine Nucleotide Exchange Factor Vav3 Expression in Human Gastric Cancer. Molecular Cancer Research, 2012, 10, 750-759.	1.5	23
61	Humic acid in drinking well water induces inflammation through reactive oxygen species generation and activation of nuclear factor- κ B/activator protein-1 signaling pathways: A possible role in atherosclerosis. Toxicology and Applied Pharmacology, 2014, 274, 249-262.	1.3	23
62	The anti-melanogenic effects of ellagic acid through induction of autophagy in melanocytes and suppression of UVA-activated α -MSH pathways via Nrf2 activation in keratinocytes. Biochemical Pharmacology, 2021, 185, 114454.	2.0	23
63	The in vitro and in vivo depigmenting activity of Coenzyme Q10 through the down-regulation of α -MSH signaling pathways and induction of Nrf2/ARE-mediated antioxidant genes in UVA-irradiated skin keratinocytes. Biochemical Pharmacology, 2019, 164, 299-310.	2.0	21
64	<i>Antrodia salmonea</i> in submerged culture exhibits antioxidant activities in vitro and protects human erythrocytes and low-density lipoproteins from oxidative modification. Food and Chemical Toxicology, 2014, 66, 150-157.	1.8	20
65	Kalantuboside B induced apoptosis and cytoprotective autophagy in human melanoma A2058 cells: An in vitro and in vivo study. Free Radical Biology and Medicine, 2019, 143, 397-411.	1.3	20
66	The anti-melanogenic effects of 3-O-ethyl ascorbic acid via Nrf2-mediated α -MSH inhibition in UVA-irradiated keratinocytes and autophagy induction in melanocytes. Free Radical Biology and Medicine, 2021, 173, 151-169.	1.3	20
67	Zerumbone attenuates TGF- β 1-mediated epithelial-mesenchymal transition via upregulated E-cadherin expression and downregulated Smad2 signalling pathways in non-small cell lung cancer (A549) cells. Journal of Functional Foods, 2015, 18, 58-72.	1.6	19
68	Improved Wound Healing by Naringin Associated with MMP and the VEGF Pathway. Molecules, 2022, 27, 1695.	1.7	19
69	<i>Hericium erinaceus</i> Inhibits TNF- α -Induced Angiogenesis and ROS Generation through Suppression of MMP-9/NF- κ B Signaling and Activation of Nrf2-Mediated Antioxidant Genes in Human EA.hy926 Endothelial Cells. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-15.	1.9	18
70	Induction of autophagic cell death in human ovarian carcinoma cells by <i>Antrodia salmonea</i> through increased reactive oxygen species generation. Journal of Cellular Physiology, 2019, 234, 10747-10760.	2.0	18
71	<i>Antrodia salmonea</i> induces apoptosis and enhances cytoprotective autophagy in colon cancer cells. Aging, 2021, 13, 15964-15989.	1.4	18
72	The Antitumor Activity of <i>Antrodia camphorata</i> in Melanoma Cells: Modulation of Wnt/ β -Catenin Signaling Pathways. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-14.	0.5	17

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73	Coenzyme Q0 Inhibits NLRP3 Inflammasome Activation through Mitophagy Induction in LPS/ATP-Stimulated Macrophages. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	17
74	<i>Antrodia salmonea</i> induces G2 cell-cycle arrest in human triple-negative breast cancer (MDA-MB-231) cells and suppresses tumor growth in athymic nude mice. <i>Journal of Ethnopharmacology</i> , 2017, 196, 9-19.	2.0	16
75	<i>Antrodia camphorata</i> induces G ₁ cell-cycle arrest in human premyelocytic leukemia (HL-60) cells and suppresses tumor growth in athymic nude mice. <i>Food and Function</i> , 2014, 5, 2278-2288.	2.1	15
76	<i>Antrodia camphorata</i> attenuates cigarette smoke-induced ROS production, DNA damage, apoptosis, and inflammation in vascular smooth muscle cells, and atherosclerosis in ApoE-deficient mice. <i>Environmental Toxicology</i> , 2017, 32, 2070-2084.	2.1	14
77	<i>Antrodia camphorata</i> inhibits epithelial-mesenchymal transition by targeting multiple pathways in triple-negative breast cancers. <i>Journal of Cellular Physiology</i> , 2019, 234, 4125-4139.	2.0	14
78	Coenzyme Q0, a novel quinone derivative of <i>Antrodia camphorata</i> , induces ROS-mediated cytotoxic autophagy and apoptosis against human glioblastoma cells in vitro and in vivo. <i>Food and Chemical Toxicology</i> , 2021, 155, 112384.	1.8	14
79	The dermato-protective effects of lucidone from <i>Lindera erythrocarpa</i> through the induction of Nrf2-mediated antioxidant genes in UVA-irradiated human skin keratinocytes. <i>Journal of Functional Foods</i> , 2015, 12, 303-318.	1.6	12
80	Humic acid induces G1 phase arrest and apoptosis in cultured vascular smooth muscle cells. <i>Environmental Toxicology</i> , 2009, 24, 243-258.	2.1	10
81	<i>Toona sinensis</i> Inhibits Murine Leukemia WEHI-3 Cells and Promotes Immune Response In Vivo. <i>Integrative Cancer Therapies</i> , 2017, 16, 308-318.	0.8	8
82	<i>Antrodia salmonea</i> -induced oxidative stress abrogates HER2 signaling cascade and enhanced apoptosis in ovarian carcinoma cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 3029-3042.	2.0	8
83	The Leaf Extracts of <i>Toona sinensis</i> and Fermented Culture Broths of <i>Antrodia camphorata</i> Synergistically Cause Apoptotic Cell Death in Promyelocytic Leukemia Cells. <i>Integrative Cancer Therapies</i> , 2020, 19, 153473542092373.	0.8	4