

# Hsiu-Mei Chiang

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,170  
citations

361413

20  
h-index

395702

33  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodiola plants: Chemistry and biological activity. <i>Journal of Food and Drug Analysis</i> , 2015, 23, 359-369.	1.9	132
2	Coffea arabica extract and its constituents prevent photoaging by suppressing MMPs expression and MAP kinase pathway. <i>Food and Chemical Toxicology</i> , 2011, 49, 309-318.	3.6	96
3	Michelia alba extract attenuates UVB-induced expression of matrix metalloproteinases via MAP kinase pathway in human dermal fibroblasts. <i>Food and Chemical Toxicology</i> , 2012, 50, 4260-4269.	3.6	76
4	Hydroalcoholic extract of Rhodiola rosea L. (Crassulaceae) and its hydrolysate inhibit melanogenesis in B16FO cells by regulating the CREB/MITF/tyrosinase pathway. <i>Food and Chemical Toxicology</i> , 2014, 65, 129-139.	3.6	64
5	Nanoscale ZnO Induces Cytotoxicity and DNA Damage in Human Cell Lines and Rat Primary Neuronal Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2126-2135.	0.9	55
6	Fisetin Ameliorated Photodamage by Suppressing the Mitogen-Activated Protein Kinase/Matrix Metalloproteinase Pathway and Nuclear Factor- $\kappa$ B Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4551-4560.	5.2	47
7	<i>Neonauclea reticulata</i> (Havil.) Merr Stimulates Skin Regeneration after UVB Exposure via ROS Scavenging and Modulation of the MAPK/MMPs/Collagen Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	1.2	46
8	Tyrosol and Its Analogues Inhibit Alpha-Melanocyte-Stimulating Hormone Induced Melanogenesis. <i>International Journal of Molecular Sciences</i> , 2013, 14, 23420-23440.	4.1	44
9	Fisetin Regulates Nrf2 Expression and the Inflammation-Related Signaling Pathway to Prevent UVB-Induced Skin Damage in Hairless Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2118.	4.1	42
10	Protective Effects of Sesamin Against UVB-Induced Skin Inflammation and Photodamage In Vitro and In Vivo. <i>Biomolecules</i> , 2019, 9, 479.	4.0	42
11	Alleviation of Ultraviolet B-Induced Photodamage by Coffea arabica Extract in Human Skin Fibroblasts and Hairless Mouse Skin. <i>International Journal of Molecular Sciences</i> , 2017, 18, 782.	4.1	40
12	Sesamol Inhibited Melanogenesis by Regulating Melanin-Related Signal Transduction in B16F10 Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1108.	4.1	37
13	<i>Ixora parviflora</i> Protects against UVB-Induced Photoaging by Inhibiting the Expression of MMPs, MAP Kinases, and COX-2 and by Promoting Type I Procollagen Synthesis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	1.2	32
14	Antioxidant Activity of <i>Ixora parviflora</i> in a Cell/Cell-Free System and in UV-Exposed Human Fibroblasts. <i>Molecules</i> , 2011, 16, 5735-5752.	3.8	30
15	Antiinflammatory and Antiphotodamaging Effects of Ergostatrien-3 $\beta$ -ol, Isolated from <i>Antrodia camphorata</i> , on Hairless Mouse Skin. <i>Molecules</i> , 2016, 21, 1213.	3.8	28
16	Sesamin reduces acute hepatic injury induced by lead coupled with lipopolysaccharide. <i>Journal of the Chinese Medical Association</i> , 2014, 77, 227-233.	1.4	27
17	In Vitro and In Vivo Studies on Protective Action of N-Phenethyl Caffeamide against Photodamage of Skin. <i>PLoS ONE</i> , 2015, 10, e0136777.	2.5	25
18	Isoflavonoid-Rich <i>Flemingia macrophylla</i> Extract Attenuates UVB-Induced Skin Damage by Scavenging Reactive Oxygen Species and Inhibiting MAP Kinase and MMP Expression. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-12.	1.2	24

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19	Hydrolysates of citrus plants stimulate melanogenesis protecting against UV-induced dermal damage. <i>Phytotherapy Research</i> , 2011, 25, 569-576.	5.8	22
20	Inhibitory Effects of <i>Terminalia catappa</i> on UVB-Induced Photodamage in Fibroblast Cell Line. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-9.	1.2	22
21	N-phenethyl caffeamide and photodamage: Protecting skin by inhibiting type I procollagen degradation and stimulating collagen synthesis. <i>Food and Chemical Toxicology</i> , 2014, 72, 154-161.	3.6	20
22	Protective effects and mechanisms of <i>Terminalia catappa</i> L. methenolic extract on hydrogen-peroxide-induced oxidative stress in human skin fibroblasts. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 266.	3.7	19
23	Comparison of <i>Puerariae Radix</i> and Its Hydrolysate on Stimulation of Hyaluronic Acid Production in NHEK Cells. <i>The American Journal of Chinese Medicine</i> , 2010, 38, 143-155.	3.8	18
24	Analysis of Volatile Compounds from Different Parts of <i>Citrus grandis</i> (L.) Osbeck Flowers by Headspace Solid-Phase Microextraction-Gas Chromatography-Mass Spectrometry. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 1057-1065.	1.9	15
25	Sesamol Inhibited Ultraviolet Radiation-Induced Hyperpigmentation and Damage in C57BL/6 Mouse Skin. <i>Antioxidants</i> , 2019, 8, 207.	5.1	14
26	Protective Effects and Mechanisms of N-Phenethyl Caffeamide from UVA-Induced Skin Damage in Human Epidermal Keratinocytes through Nrf2/HO-1 Regulation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 164.	4.1	14
27	Headspace Solid-Phase Microextraction Analysis of Volatile Components in <i>Phalaenopsis Nobby</i> Pacific Sunset. <i>Molecules</i> , 2014, 19, 14080-14093.	3.8	13
28	New diterpenes leojaponins G-L from <i>Leonurus japonicus</i> . <i>Fytochemistry</i> , 2018, 130, 125-133.	2.2	13
29	1,2-Bis[(3-Methoxyphenyl)Methyl]Ethane-1,2-Dicarboxylic Acid Reduces UVB-Induced Photodamage In Vitro and In Vivo. <i>Antioxidants</i> , 2019, 8, 452.	5.1	12
30	N-(4-bromophenethyl) Caffeamide Inhibits Melanogenesis by Regulating AKT/Glycogen Synthase Kinase 3 Beta/Microphthalmia-associated Transcription Factor and Tyrosinase-related Protein 1/Tyrosinase. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 1111-1119.	1.6	12
31	N-(4-methoxyphenyl) caffeamide-induced melanogenesis inhibition mechanisms. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 71.	3.7	11
32	Computer-Aided Detection (CADE) System with Optical Coherent Tomography for Melanin Morphology Quantification in Melasma Patients. <i>Diagnostics</i> , 2021, 11, 1498.	2.6	11
33	Protection against Ultraviolet A-Induced Skin Apoptosis and Carcinogenesis through the Oxidative Stress Reduction Effects of N-(4-bromophenethyl) Caffeamide, A Propolis Derivative. <i>Antioxidants</i> , 2020, 9, 335.	5.1	9
34	Photoaging Reversibility in Asian Patients With Melasma Treated Using Picosecond Lasers With a Diffractive Lens Array: A 1-Year Prospective Observational Cohort Study. <i>Dermatologic Surgery</i> , 2021, 47, e10-e14.	0.8	9
35	N-(4-bromophenethyl) Caffeamide Protects Skin from UVB-Induced Inflammation Through MAPK/IL-6/NF- $\kappa$ B-Dependent Signaling in Human Skin Fibroblasts and Hairless Mouse Skin. <i>Molecules</i> , 2017, 22, 1639.	3.8	8
36	The Anti-Melanogenesis Effect of 3,4-Dihydroxybenzalacetone through Downregulation of Melanosome Maturation and Transportation in B16F10 and Human Epidermal Melanocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2823.	4.1	7

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37	Protective Effect of Djulis ( <i>Chenopodium formosanum</i> ) Extract against UV- and AGEs-Induced Skin Aging via Alleviating Oxidative Stress and Collagen Degradation. <i>Molecules</i> , 2022, 27, 2332.	3.8	7
38	Jelly Fig ( <i>Ficus awkeotsang</i> Makino) Exhibits Antioxidative and Anti-Inflammatory Activities by Regulating Reactive Oxygen Species Production via NF- $\kappa$ B Signaling Pathway. <i>Antioxidants</i> , 2022, 11, 981.	5.1	7
39	Characteristics of Carbon Material Formation on SBA-15 and Ni-SBA-15 Templates by Acetylene Decomposition and Their Bioactivity Effects. <i>Materials</i> , 2016, 9, 350.	2.9	6
40	Quantitative Outcome Assessment of Color Match and the Extent of Repigmentation after Pixel Array Epidermal Grafting for Head and Neck Stable Vitiligo: A Prospective Cohort Study. <i>Dermatology</i> , 2021, 237, 835-842.	2.1	5
41	Quantitative and objective measurements of facial aging process with anatomical landmarks. <i>Journal of Cosmetic Dermatology</i> , 2022, 21, 1317-1320.	1.6	4
42	Photoaging and Sequential Function Reversal with Cellular-Resolution Optical Coherence Tomography in a Nude Mice Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7009.	4.1	3
43	Cephalometric analysis following combined Sub- $\infty$ SMAS hyaluronic acid injection and subdermal and suprapariosteal poly- $\infty$ -lactic acid injections in Asian women. <i>Journal of Cosmetic Dermatology</i> , 2021, , .	1.6	2