

Ming-Jiuan Wu

List of Publications by Year in descending order

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67
papers

2,789
citations

136885

32
h-index

182361

51
g-index

67
all docs

67
docs citations

67
times ranked

4181
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinctive Antioxidant and Antiinflammatory Effects of Flavonols. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 9798-9804.	2.4	311
2	Neurotrophic and Cytoprotective Action of Luteolin in PC12 Cells through ERK-Dependent Induction of Nrf2-Driven HO-1 Expression. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 4477-4486.	2.4	136
3	Î±-Lipoic acid inhibits liver fibrosis through the attenuation of ROS-triggered signaling in hepatic stellate cells activated by PDGF and TGF-Î². <i>Toxicology</i> , 2011, 282, 39-46.	2.0	105
4	Curcuminoids Promote Neurite Outgrowth in PC12 Cells through MAPK/ERK- and PKC-Dependent Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 433-443.	2.4	101
5	Curcumin enhances cell surface LDLR level and promotes LDL uptake through downregulation of PCSK9 gene expression in HepG2 cells. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 2133-2145.	1.5	93
6	Arsenic modulates heme oxygenase-1, interleukin-6, and vascular endothelial growth factor expression in endothelial cells: roles of ROS, NF-Î²B, and MAPK pathways. <i>Archives of Toxicology</i> , 2012, 86, 879-896.	1.9	81
7	Regulation of heme oxygenase-1 expression and MAPK pathways in response to kaempferol and rhamnocitrin in PC12 cells. <i>Toxicology and Applied Pharmacology</i> , 2009, 237, 59-68.	1.3	79
8	Antiatherogenic Effects of Kaempferol and Rhamnocitrin. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 9969-9976.	2.4	69
9	Antioxidant Activity of Methanol Extract of the Lotus Leaf (<i>Nelumbo nucifera</i> Gertn.). <i>The American Journal of Chinese Medicine</i> , 2003, 31, 687-698.	1.5	66
10	Lipid peroxidation end product 4-hydroxy-trans-2-nonenal triggers unfolded protein response and heme oxygenase-1 expression in PC12 cells: Roles of ROS and MAPK pathways. <i>Toxicology</i> , 2014, 315, 24-37.	2.0	66
11	Solasodine inhibits invasion of human lung cancer cell through downregulation of miR-21 and MMPs expression. <i>Chemico-Biological Interactions</i> , 2017, 268, 129-135.	1.7	65
12	<i>Ganoderma lucidum</i> mycelia enhance innate immunity by activating NF-Î²B. <i>Journal of Ethnopharmacology</i> , 2006, 103, 217-222.	2.0	64
13	Fisetin, morin and myricetin attenuate CD36 expression and oxLDL uptake in U937-derived macrophages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2008, 1781, 601-609.	1.2	63
14	Immunomodulatory Properties of <i>Grifola frondosain</i> Submerged Culture. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2906-2914.	2.4	58
15	Identification of phenolic antioxidants from Sword Brake fern (<i>Pteris ensiformis</i> Burm.). <i>Food Chemistry</i> , 2007, 105, 48-56.	4.2	56
16	<i>Glossogyne tenuifolia</i> acts to inhibit inflammatory mediator production in a macrophage cell line by downregulating LPS-induced NF-Î²B. <i>Journal of Biomedical Science</i> , 2004, 11, 186-199.	2.6	53
17	3,4-Didemethylnobiletin induces phase II detoxification gene expression and modulates PI3K/Akt signaling in PC12 cells. <i>Free Radical Biology and Medicine</i> , 2012, 52, 126-141.	1.3	52
18	Luteolin Modulates 6-Hydroxydopamine-Induced Transcriptional Changes of Stress Response Pathways in PC12 Cells. <i>PLoS ONE</i> , 2014, 9, e97880.	1.1	52

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19	Anti-inflammatory Activity of 8-Hydroxydaidzein in LPS-Stimulated BV2 Microglial Cells via Activation of Nrf2-Antioxidant and Attenuation of Akt/NF- κ B-Inflammatory Signaling Pathways, as Well As Inhibition of COX-2 Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 5790-5801.	2.4	52
20	Luteolin and Apigenin Attenuate 4-Hydroxy-2-Nonenal-Mediated Cell Death through Modulation of UPR, Nrf2-ARE and MAPK Pathways in PC12 Cells. <i>PLoS ONE</i> , 2015, 10, e0130599.	1.1	50
21	Fisetin Protects PC12 Cells from Tunicamycin-Mediated Cell Death via Reactive Oxygen Species Scavenging and Modulation of Nrf2-Driven Gene Expression, SIRT1 and MAPK Signaling in PC12 Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 852.	1.8	50
22	New Benzoyl Glucosides and Cytotoxic Pterisin Sesquiterpenes from <i>Pteris ensiformis</i> Burm.. <i>Molecules</i> , 2008, 13, 255-266.	1.7	49
23	Luteolin Induces microRNA-132 Expression and Modulates Neurite Outgrowth in PC12 Cells. <i>PLoS ONE</i> , 2012, 7, e43304.	1.1	48
24	Neurotrophic Effect of Citrus 5-Hydroxy-3,6,7,8,3,4-Hexamethoxyflavone: Promotion of Neurite Outgrowth via cAMP/PKA/CREB Pathway in PC12 Cells. <i>PLoS ONE</i> , 2011, 6, e28280.	1.1	46
25	Curcuminoids distinctly exhibit antioxidant activities and regulate expression of scavenger receptors and heme oxygenase-1. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1598-1610.	1.5	45
26	Antioxidant Activity of <i>Glossogyne tenuifolia</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6305-6312.	2.4	42
27	Anti-inflammatory and antiviral effects of <i>Glossogyne tenuifolia</i> . <i>Life Sciences</i> , 2005, 76, 1135-1146.	2.0	42
28	Arsenic trioxide induces unfolded protein response in vascular endothelial cells. <i>Archives of Toxicology</i> , 2014, 88, 213-226.	1.9	41
29	Immunomodulatory effect of <i>Glossogyne tenuifolia</i> in murine peritoneal macrophages and splenocytes. <i>Journal of Ethnopharmacology</i> , 2006, 107, 116-125.	2.0	39
30	Immunomodulatory effect of exo-polysaccharides from submerged cultured <i>Cordyceps sinensis</i> : enhancement of cytokine synthesis, CD11b expression, and phagocytosis. <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 769-775.	1.7	38
31	Citrus flavonoid 5-demethylnobiletin suppresses scavenger receptor expression in THP-1 cells and alters lipid homeostasis in HepG2 liver cells. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 733-748.	1.5	38
32	Abnormal glucose tolerance and insulin resistance in polycystic ovary syndrome amongst the Taiwanese population- not correlated with insulin receptor substrate-1 Gly972Arg/Ala513Pro polymorphism. <i>BMC Medical Genetics</i> , 2006, 7, 36.	2.1	35
33	Sinomenine Inhibits Migration and Invasion of Human Lung Cancer Cell through Downregulating Expression of miR-21 and MMPs. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3080.	1.8	35
34	Cytoprotective effects of fisetin against hypoxia-induced cell death in PC12 cells. <i>Food and Function</i> , 2015, 6, 286-295.	2.1	33
35	Tanshinone IIA Modulates Low Density Lipoprotein Uptake via Down-Regulation of PCSK9 Gene Expression in HepG2 Cells. <i>PLoS ONE</i> , 2016, 11, e0162414.	1.1	32
36	Neurotrophic Action of 5-Hydroxylated Polymethoxyflavones: 5-Demethylnobiletin and Gardenin A Stimulate Neuritogenesis in PC12 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9453-9463.	2.4	31

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37	Nobiletin metabolite, 3,4-dihydroxy-5,6,7,8-tetramethoxyflavone, inhibits LDL oxidation and down-regulates scavenger receptor expression and activity in THP-1 cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 114-126.	1.2	30
38	Immunomodulatory mechanism of the aqueous extract of sword brake fern (<i>Pteris ensiformis</i> Burm.). <i>Journal of Ethnopharmacology</i> , 2005, 98, 73-81.	2.0	27
39	Angiotensin-Like Protein 3 (ANGPTL3) Modulates Lipoprotein Metabolism and Dyslipidemia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7310.	1.8	26
40	Immunomodulatory effect of <i>Antrodia camphorata</i> mycelia and culture filtrate. <i>Journal of Ethnopharmacology</i> , 2008, 120, 196-203.	2.0	25
41	Nobiletin Promotes Megakaryocytic Differentiation through the MAPK/ERK-Dependent EGR1 Expression and Exerts Anti-Leukemic Effects in Human Chronic Myeloid Leukemia (CML) K562 Cells. <i>Cells</i> , 2020, 9, 877.	1.8	25
42	Lipoic acid ameliorates arsenic trioxide-induced HO-1 expression and oxidative stress in THP-1 monocytes and macrophages. <i>Chemico-Biological Interactions</i> , 2011, 190, 129-138.	1.7	23
43	Identification of antioxidants from rhizome of <i>Davallia solida</i> . <i>Food Chemistry</i> , 2008, 107, 684-691.	4.2	20
44	Antioxidant Activity of Porcelainberry (<i>Ampelopsis brevipedunculata</i> (Maxim.) Trautv.). <i>The American Journal of Chinese Medicine</i> , 2004, 32, 681-693.	1.5	19
45	Effects of citrus flavonoids, 5-hydroxy-3,6,7,8,3,4-hexamethoxyflavone and 3,5,6,7,8,3,4-heptamethoxyflavone, on the activities of macrophage scavenger receptors and the hepatic LDL receptor. <i>Food and Function</i> , 2013, 4, 602.	2.1	19
46	Curcuminoids Modulate the PKC β /NADPH Oxidase/Reactive Oxygen Species Signaling Pathway and Suppress Matrix Invasion during Monocyte \rightarrow Macrophage Differentiation. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8838-8848.	2.4	19
47	Nobiletin Down-Regulates c-KIT Gene Expression and Exerts Antileukemic Effects on Human Acute Myeloid Leukemia Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 13423-13434.	2.4	19
48	Pinostrobin Inhibits Proprotein Convertase Subtilisin/Kexin-type 9 (PCSK9) Gene Expression through the Modulation of FoxO3a Protein in HepG2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6083-6093.	2.4	19
49	8-Hydroxydaidzein, an Isoflavone from Fermented Soybean, Induces Autophagy, Apoptosis, Differentiation, and Degradation of Oncoprotein BCR-ABL in K562 Cells. <i>Biomedicines</i> , 2020, 8, 506.	1.4	18
50	Inhibition of Low-Density Lipoprotein Oxidation and Oxidative Burst in Polymorphonuclear Neutrophils by Caffeic Acid and Hispidin Derivatives Isolated from Sword Brake Fern (<i>Pteris ensiformis</i>) <i>Tj ETQq0 0 0. BT /Overlock 10 T</i>		
51	Preventive Effects of <i>Monascus</i> on Androgen-Related Diseases: Androgenetic Alopecia, Benign Prostatic Hyperplasia, and Prostate Cancer. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4379-4386.	2.4	15
52	Up-Regulation of miR-34a Expression in Response to the Luteolin-Induced Neurite Outgrowth of PC12 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4148-4159.	2.4	15
53	Xanthohumol Suppresses Mylip/Idol Gene Expression and Modulates LDLR Abundance and Activity in HepG2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7908-7918.	2.4	14
54	The Cholesterol-Modulating Effect of Methanol Extract of Pigeon Pea (<i>Cajanus cajan</i> (L.) Millsp.) Leaves on Regulating LDLR and PCSK9 Expression in HepG2 Cells. <i>Molecules</i> , 2019, 24, 493.	1.7	14

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55	The Lipid-Modulating Effect of Tangeretin on the Inhibition of Angiopoietin-like 3 (ANGPTL3) Gene Expression through Regulation of LXRI± Activation in Hepatic Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9853.	1.8	14
56	Tanshinone IIA Downregulates Lipogenic Gene Expression and Attenuates Lipid Accumulation through the Modulation of LXRI±/SREBP1 Pathway in HepG2 Cells. <i>Biomedicines</i> , 2021, 9, 326.	1.4	13
57	Cleome rutidosperma and Euphorbia thymifolia Suppress Inflammatory Response via Upregulation of Phase II Enzymes and Modulation of NF-Î±B and JNK Activation in LPS-Stimulated BV2 Microglia. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1420.	1.8	11
58	8-Hydroxydaidzein Downregulates JAK/STAT, MMP, Oxidative Phosphorylation, and PI3K/AKT Pathways in K562 Cells. <i>Biomedicines</i> , 2021, 9, 1907.	1.4	11
59	Response of Myeloid Leukemia Cells to Luteolin is Modulated by Differentially Expressed Pituitary Tumor-Transforming Gene 1 (PTTG1) Oncoprotein. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1173.	1.8	10
60	Amplification of GAA/TTC triplet repeat in vitro: preferential expansion of (TTC)n strand. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1998, 1407, 155-162.	1.8	9
61	Anti-Inflammatory Effect and Mechanism of the Green Fruit Extract of <i>Solanum integrifolium</i> Poir.. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	8
62	Antioxidant, Anti-Tyrosinase and Anti-Inflammatory Activities of Oil Production Residues from <i>Camellia tenuiflora</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 29522-29541.	1.8	8
63	<i>Glossogyne tenuifolia</i> Acts to Inhibit Inflammatory Mediator Production in a Macrophage Cell Line by Downregulating LPS-Induced NF-Î±B. <i>Journal of Biomedical Science</i> , 2004, 11, 186-199.	2.6	7
64	Xanthohumol Suppresses NPC1L1 Gene Expression through Downregulation of HNF-4Î± and Inhibits Cholesterol Uptake in Caco-2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11119-11128.	2.4	7
65	<i>Vernonia patula</i> (Dryand.) Merr. and <i>Leucas chinensis</i> (Retz.) R. Brown exert anti-inflammatory activities and relieve oxidative stress via Nrf2 activation. <i>Journal of Ethnopharmacology</i> , 2020, 262, 113155.	2.0	6
66	5-Demethylnobiletin Inhibits Cell Proliferation, Downregulates ID1 Expression, Modulates the NF-Î±B/TNF-Î± Pathway and Exerts Antileukemic Effects in AML Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7392.	1.8	3
67	Oral administration of submerged cultivated <i>Grifola frondosa</i> enhances phagocytic activity in normal mice. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 237-243.	1.2	2