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	5-Demethylnobiletin Inhibits Cell Proliferation, Downregulates ID1 Expression, Modulates the NF-Î²B/TNF-Î± Pathway and Exerts Antileukemic Effects in AML Cells. International Journal of Molecular Sciences, 2022, 23, 7392.	1.8	3
2	Tanshinone IIA Downregulates Lipogenic Gene Expression and Attenuates Lipid Accumulation through the Modulation of LXRÎ±/SREBP1 Pathway in HepG2 Cells. Biomedicines, 2021, 9, 326.	1.4	13
3	Angiopoietin-Like Protein 3 (ANGPTL3) Modulates Lipoprotein Metabolism and Dyslipidemia. International Journal of Molecular Sciences, 2021, 22, 7310.	1.8	26
4	The Lipid-Modulating Effect of Tangeretin on the Inhibition of Angiopoietin-like 3 (ANGPTL3) Gene Expression through Regulation of LXRÎ± Activation in Hepatic Cells. International Journal of Molecular Sciences, 2021, 22, 9853.	1.8	14
5	8-Hydroxydaidzein Downregulates JAK/STAT, MMP, Oxidative Phosphorylation, and PI3K/AKT Pathways in K562 Cells. Biomedicines, 2021, 9, 1907.	1.4	11
6	8-Hydroxydaidzein, an Isoflavone from Fermented Soybean, Induces Autophagy, Apoptosis, Differentiation, and Degradation of Oncoprotein BCR-ABL in K562 Cells. Biomedicines, 2020, 8, 506.	1.4	18
7	Vernonia patula (Dryand.) Merr. and Leucas chinensis (Retz.) R. Brown exert anti-inflammatory activities and relieve oxidative stress via Nrf2 activation. Journal of Ethnopharmacology, 2020, 262, 113155.	2.0	6
8	Sinomenine Inhibits Migration and Invasion of Human Lung Cancer Cell through Downregulating Expression of miR-21 and MMPs. International Journal of Molecular Sciences, 2020, 21, 3080.	1.8	35
9	Nobiletin Promotes Megakaryocytic Differentiation through the MAPK/ERK-Dependent EGR1 Expression and Exerts Anti-Leukemic Effects in Human Chronic Myeloid Leukemia (CML) K562 Cells. Cells, 2020, 9, 877.	1.8	25
10	Xanthohumol Suppresses NPC1L1 Gene Expression through Downregulation of HNF-4Î± and Inhibits Cholesterol Uptake in Caco-2 Cells. Journal of Agricultural and Food Chemistry, 2019, 67, 11119-11128.	2.4	7
11	The Cholesterol-Modulating Effect of Methanol Extract of Pigeon Pea (Cajanus cajan (L.) Millsp.) Leaves on Regulating LDLR and PCSK9 Expression in HepG2 Cells. Molecules, 2019, 24, 493.	1.7	14
12	Nobiletin Down-Regulates c-KIT Gene Expression and Exerts Antileukemic Effects on Human Acute Myeloid Leukemia Cells. Journal of Agricultural and Food Chemistry, 2018, 66, 13423-13434.	2.4	19
13	Anti-inflammatory Activity of 8-Hydroxydaidzein in LPS-Stimulated BV2 Microglial Cells via Activation of Nrf2-Antioxidant and Attenuation of Akt/NF-Î²B-Inflammatory Signaling Pathways, as Well As Inhibition of COX-2 Activity. Journal of Agricultural and Food Chemistry, 2018, 66, 5790-5801.	2.4	52
14	Response of Myeloid Leukemia Cells to Luteolin is Modulated by Differentially Expressed Pituitary Tumor-Transforming Gene 1 (PTTG1) Oncoprotein. International Journal of Molecular Sciences, 2018, 19, 1173.	1.8	10
15	Pinostrobin Inhibits Proprotein Convertase Subtilisin/Kexin-type 9 (PCSK9) Gene Expression through the Modulation of FoxO3a Protein in HepG2 Cells. Journal of Agricultural and Food Chemistry, 2018, 66, 6083-6093.	2.4	19
16	Solasodine inhibits invasion of human lung cancer cell through downregulation of miR-21 and MMPs expression. Chemico-Biological Interactions, 2017, 268, 129-135.	1.7	65
17	Xanthohumol Suppresses Mylip/Idol Gene Expression and Modulates LDLR Abundance and Activity in HepG2 Cells. Journal of Agricultural and Food Chemistry, 2017, 65, 7908-7918.	2.4	14
18	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. International Journal of Molecular Sciences, 2017, 18, 852.	1.8	50

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19	Cleome rutidosperma and Euphorbia thymifolia Suppress Inflammatory Response via Upregulation of Phase II Enzymes and Modulation of NF-ÎºB and JNK Activation in LPS-Stimulated BV2 Microglia. International Journal of Molecular Sciences, 2016, 17, 1420.	1.8	11
20	Tanshinone IIA Modulates Low Density Lipoprotein Uptake via Down-Regulation of PCSK9 Gene Expression in HepG2 Cells. PLoS ONE, 2016, 11, e0162414.	1.1	32
21	Antioxidant, Anti-Tyrosinase and Anti-Inflammatory Activities of Oil Production Residues from Camellia tenuifloria. International Journal of Molecular Sciences, 2015, 16, 29522-29541.	1.8	8
22	Luteolin and Apigenin Attenuate 4-Hydroxy-2-Nonenal-Mediated Cell Death through Modulation of UPR, Nrf2-ARE and MAPK Pathways in PC12 Cells. PLoS ONE, 2015, 10, e0130599.	1.1	50
23	Curcuminoids Modulate the PKCÎ´/NADPH Oxidase/Reactive Oxygen Species Signaling Pathway and Suppress Matrix Invasion during Monocyteâ€“Macrophage Differentiation. Journal of Agricultural and Food Chemistry, 2015, 63, 8838-8848.	2.4	19
24	Up-Regulation of miR-34a Expression in Response to the Luteolin-Induced Neurite Outgrowth of PC12 Cells. Journal of Agricultural and Food Chemistry, 2015, 63, 4148-4159.	2.4	15
25	Cytoprotective effects of fisetin against hypoxia-induced cell death in PC12 cells. Food and Function, 2015, 6, 286-295.	2.1	33
26	Luteolin Modulates 6-Hydroxydopamine-Induced Transcriptional Changes of Stress Response Pathways in PC12 Cells. PLoS ONE, 2014, 9, e97880.	1.1	52
27	Anti-Inflammatory Effect and Mechanism of the Green Fruit Extract ofSolanum integrifoliumPoir.. BioMed Research International, 2014, 2014, 1-11.	0.9	8
28	Arsenic trioxide induces unfolded protein response in vascular endothelial cells. Archives of Toxicology, 2014, 88, 213-226.	1.9	41
29	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. Toxicology, 2014, 315, 24-37.	2.0	66
30	Curcumin enhances cellâ€surface LDLR level and promotes LDL uptake through downregulation of PCSK9 gene expression in HepG2 cells. Molecular Nutrition and Food Research, 2014, 58, 2133-2145.	1.5	93
31	Neurotrophic Action of 5-Hydroxylated Polymethoxyflavones: 5-Demethylnobiletin and Gardenin A Stimulate Neuritogenesis in PC12 Cells. Journal of Agricultural and Food Chemistry, 2013, 61, 9453-9463.	2.4	31
32	Curcuminoids distinctly exhibit antioxidant activities and regulate expression of scavenger receptors and heme oxygenaseâ€1. Molecular Nutrition and Food Research, 2013, 57, 1598-1610.	1.5	45
33	Preventive Effects of Monascus on Androgen-Related Diseases: Androgenetic Alopecia, Benign Prostatic Hyperplasia, and Prostate Cancer. Journal of Agricultural and Food Chemistry, 2013, 61, 4379-4386.	2.4	15
34	Effects of citrus flavonoids, 5-hydroxy-3,6,7,8,3â€²,4â€²-hexamethoxyflavone and 3,5,6,7,8,3â€²,4â€²-heptamethoxyflavone, on the activities of macrophage scavenger receptors and the hepatic LDL receptor. Food and Function, 2013, 4, 602.	2.1	19
35	Luteolin Induces microRNA-132 Expression and Modulates Neurite Outgrowth in PC12 Cells. PLoS ONE, 2012, 7, e43304.	1.1	48
36	Curcuminoids Promote Neurite Outgrowth in PC12 Cells through MAPK/ERK- and PKC-Dependent Pathways. Journal of Agricultural and Food Chemistry, 2012, 60, 433-443.	2.4	101

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37	Arsenic modulates heme oxygenase-1, interleukin-6, and vascular endothelial growth factor expression in endothelial cells: roles of ROS, NF-ÎºB, and MAPK pathways. Archives of Toxicology, 2012, 86, 879-896.	1.9	81
38	3â€²,4â€²-Didemethylnobiletin induces phase II detoxification gene expression and modulates PI3K/Akt signaling in PC12 cells. Free Radical Biology and Medicine, 2012, 52, 126-141.	1.3	52
39	Lipoic acid ameliorates arsenic trioxide-induced HO-1 expression and oxidative stress in THP-1 monocytes and macrophages. Chemico-Biological Interactions, 2011, 190, 129-138.	1.7	23
40	Citrus flavonoid 5â€demethylnobiletin suppresses scavenger receptor expression in THPâ€1 cells and alters lipid homeostasis in HepG2 liver cells. Molecular Nutrition and Food Research, 2011, 55, 733-748.	1.5	38
41	Î±-Lipoic acid inhibits liver fibrosis through the attenuation of ROS-triggered signaling in hepatic stellate cells activated by PDGF and TGF-Î². Toxicology, 2011, 282, 39-46.	2.0	105
42	Neurotrophic Effect of Citrus 5-Hydroxy-3,6,7,8,3â€²,4â€²-Hexamethoxyflavone: Promotion of Neurite Outgrowth via cAMP/PKA/CREB Pathway in PC12 Cells. PLoS ONE, 2011, 6, e28280.	1.1	46
43	Oral administration of submerged cultivated Grifola frondosa enhances phagocytic activity in normal mice. Journal of Pharmacy and Pharmacology, 2010, 60, 237-243.	1.2	2
44	Neurotrophic and Cytoprotective Action of Luteolin in PC12 Cells through ERK-Dependent Induction of Nrf2-Driven HO-1 Expression. Journal of Agricultural and Food Chemistry, 2010, 58, 4477-4486.	2.4	136
45	Nobiletin metabolite, 3â€²,4â€²-dihydroxy-5,6,7,8-tetramethoxyflavone, inhibits LDL oxidation and down-regulates scavenger receptor expression and activity in THP-1 cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 114-126.	1.2	30
46	Regulation of heme oxygenase-1 expression and MAPK pathways in response to kaempferol and rhamnocitrin in PC12 cells. Toxicology and Applied Pharmacology, 2009, 237, 59-68.	1.3	79
47	Identification of antioxidants from rhizome of Davallia solida. Food Chemistry, 2008, 107, 684-691.	4.2	20
48	Immunomodulatory effect of Antrodia camphorata mycelia and culture filtrate. Journal of Ethnopharmacology, 2008, 120, 196-203.	2.0	25
49	Fisetin, morin and myricetin attenuate CD36 expression and oxLDL uptake in U937-derived macrophages. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 601-609.	1.2	63
50	New Benzoyl Glucosides and Cytotoxic Pterosin Sesquiterpenes from Pteris ensiformis Burm.. Molecules, 2008, 13, 255-266.	1.7	49
51	Antiatherogenic Effects of Kaempferol and Rhamnocitrin. Journal of Agricultural and Food Chemistry, 2007, 55, 9969-9976.	2.4	69
52	Inhibition of Low-Density Lipoprotein Oxidation and Oxidative Burst in Polymorphonuclear Neutrophils by Caffeic Acid and Hispidin Derivatives Isolated from Sword Brake Fern (Pteris ensiformis) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.4	17
53	Identification of phenolic antioxidants from Sword Brake fern (Pteris ensiformis Burm.). Food Chemistry, 2007, 105, 48-56.	4.2	56
54	Immunomodulatory effect of exo-polysaccharides from submerged cultured Cordyceps sinensis: enhancement of cytokine synthesis, CD11b expression, and phagocytosis. Applied Microbiology and Biotechnology, 2007, 75, 769-775.	1.7	38

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55	Distinctive Antioxidant and Antiinflammatory Effects of Flavonols. Journal of Agricultural and Food Chemistry, 2006, 54, 9798-9804.	2.4	311
56	Immunomodulatory Properties ofGrifola frondosain Submerged Culture. Journal of Agricultural and Food Chemistry, 2006, 54, 2906-2914.	2.4	58
57	Ganoderma lucidum mycelia enhance innate immunity by activating NF-ÎºB. Journal of Ethnopharmacology, 2006, 103, 217-222.	2.0	64
58	Immunomodulatory effect of Glossogyne tenuifolia in murine peritoneal macrophages and splenocytes. Journal of Ethnopharmacology, 2006, 107, 116-125.	2.0	39
59	Abnormal glucose tolerance and insulin resistance in polycystic ovary syndrome amongst the Taiwanese population- not correlated with insulin receptor substrate-1 Gly972Arg/Ala513Pro polymorphism. BMC Medical Genetics, 2006, 7, 36.	2.1	35
60	Antioxidant Activity ofGlossogyne tenuifolia. Journal of Agricultural and Food Chemistry, 2005, 53, 6305-6312.	2.4	42
61	Immunomodulatory mechanism of the aqueous extract of sword brake fern (Pteris ensiformis Burm.). Journal of Ethnopharmacology, 2005, 98, 73-81.	2.0	27
62	Anti-inflammatory and antiviral effects of Glossogyne tenuifolia. Life Sciences, 2005, 76, 1135-1146.	2.0	42
63	Antioxidant Activity of Porcelainberry (Ampelopsis brevipedunculata(Maxim.) Trautv.). The American Journal of Chinese Medicine, 2004, 32, 681-693.	1.5	19
64	Glossogyne tenuifolia Acts to Inhibit Inflammatory Mediator Production in a Macrophage Cell Line by Downregulating LPS-Induced NF-κB. Journal of Biomedical Science, 2004, 11, 186-199.	2.6	7
65	Glossogyne tenuifolia acts to inhibit inflammatory mediator production in a macrophage cell line by downregulating LPS-induced NF-ÎºB. Journal of Biomedical Science, 2004, 11, 186-199.	2.6	53
66	Antioxidant Activity of Methanol Extract of the Lotus Leaf (Nelumbo nucifera Gertn.). The American Journal of Chinese Medicine, 2003, 31, 687-698.	1.5	66
67	Amplification of GAA/TTC triplet repeat in vitro: preferential expansion of (TTC)n strand. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1998, 1407, 155-162.	1.8	9