

Wen-Chi Hou

List of Publications by Year in descending order

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127
papers

5,466
citations

61984

43
h-index

91884

69
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129
all docs

129
docs citations

129
times ranked

6866
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of nitric oxide synthase inhibitors and lipopolysaccharide induced inducible NOS and cyclooxygenase-2 gene expressions by rutin, quercetin, and quercetin pentaacetate in RAW 264.7 macrophages. <i>Journal of Cellular Biochemistry</i> , 2001, 82, 537-548.	2.6	213
2	Wogonin and fisetin induce apoptosis in human promyeloleukemic cells, accompanied by a decrease of reactive oxygen species, and activation of caspase 3 and Ca ²⁺ -dependent endonuclease. <i>Biochemical Pharmacology</i> , 2002, 63, 225-236.	4.4	210
3	Quercetin inhibition of tumor invasion via suppressing PKC \hat{A} /ERK/AP-1-dependent matrix metalloproteinase-9 activation in breast carcinoma cells. <i>Carcinogenesis</i> , 2008, 29, 1807-1815.	2.8	200
4	Kinetics of the inhibition of renin and angiotensin I-converting enzyme by flaxseed protein hydrolysate fractions. <i>Journal of Functional Foods</i> , 2009, 1, 199-207.	3.4	188
5	Antioxidant Activities of Dioscorin, the Storage Protein of Yam (<i>Dioscorea batatas</i> Decne) Tuber. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 4956-4960.	5.2	163
6	Anti-Inflammatory Activities of <i>Cinnamomum cassia</i> Constituents <i>In Vitro</i> and <i>In Vivo</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-12.	1.2	152
7	Suppression of endotoxin-induced proinflammatory responses by citrus pectin through blocking LPS signaling pathways. <i>Biochemical Pharmacology</i> , 2006, 72, 1001-1009.	4.4	134
8	Flaxseed protein-derived peptide fractions: Antioxidant properties and inhibition of lipopolysaccharide-induced nitric oxide production in murine macrophages. <i>Food Chemistry</i> , 2009, 116, 277-284.	8.2	131
9	Antioxidant, anti-semicarbazide-sensitive amine oxidase, and anti-hypertensive activities of geraniin isolated from <i>Phyllanthus urinaria</i> . <i>Food and Chemical Toxicology</i> , 2008, 46, 2485-2492.	3.6	114
10	Heme oxygenase-1 inhibits breast cancer invasion via suppressing the expression of matrix metalloproteinase-9. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1195-1206.	4.1	113
11	Patatin, the Tuber Storage Protein of Potato (<i>Solanum tuberosum</i> L.), Exhibits Antioxidant Activity in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4389-4393.	5.2	106
12	Antinociceptive Activities and the Mechanisms of Anti-Inflammation of Asiatic Acid in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-10.	1.2	102
13	Antioxidant Peptides with Angiotensin Converting Enzyme Inhibitory Activities and Applications for Angiotensin Converting Enzyme Purification. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 1706-1709.	5.2	96
14	Antioxidant and anti-inflammatory properties of <i>Cardiospermum halicacabum</i> and its reference compounds ex vivo and in vivo. <i>Journal of Ethnopharmacology</i> , 2011, 133, 743-750.	4.1	94
15	Both Dioscorin, the Tuber Storage Protein of Yam (<i>Dioscorea alata</i> cv. Tainong No. 1), and Its Peptic Hydrolysates Exhibited Angiotensin Converting Enzyme Inhibitory Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 6109-6113.	5.2	93
16	Yam (<i>Dioscorea batatas</i>) Tuber Mucilage Exhibited Antioxidant Activities in Vitro. <i>Planta Medica</i> , 2002, 68, 1072-1076.	1.3	92
17	Inducible Nitric Oxide Synthase and Cyclooxygenase-2 Participate in Anti-inflammatory Activity of Imperatorin from <i>Glehnia littoralis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1673-1681.	5.2	87
18	Immunomodulatory activity of dioscorin, the storage protein of yam (<i>Dioscorea alata</i> cv. Tainong No.) <i>Tj ETQq0 0 0,rgBT /Overlock 10 Tj</i>	3.8	82

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19	Comparative anti-inflammatory characterization of wild fruiting body, liquid-state fermentation, and solid-state culture of <i>Taiwanofungus camphoratus</i> in microglia and the mechanism of its action. <i>Journal of Ethnopharmacology</i> , 2007, 113, 45-53.	4.1	80
20	Analgesic Effects and the Mechanisms of Anti-inflammation of Ergostatrien-3 β -ol from <i>Antrodia camphorata</i> Submerged Whole Broth in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7445-7452.	5.2	79
21	Monoamine oxidase B (MAO-B) inhibition by active principles from <i>Uncaria rhynchophylla</i> . <i>Journal of Ethnopharmacology</i> , 2005, 100, 216-220.	4.1	77
22	Dioscorin, the Major Tuber Storage Protein of Yam (<i>Dioscorea batatas</i> Decne) with Carbonic Anhydrase and Trypsin Inhibitor Activities. <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 2168-2172.	5.2	75
23	Dipeptidyl peptidase-4 inhibitor improves neovascularization by increasing circulating endothelial progenitor cells. <i>British Journal of Pharmacology</i> , 2012, 167, 1506-1519.	5.4	75
24	Antioxidant Activities of Trypsin Inhibitor, a 33 kDa Root Storage Protein of Sweet Potato (<i>Ipomoea</i>)	5.2	74
25	Hispolon Suppresses SK-Hep1 Human Hepatoma Cell Metastasis by Inhibiting Matrix Metalloproteinase-2/9 and Urokinase-Plasminogen Activator through the PI3K/Akt and ERK Signaling Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 9468-9475.	5.2	74
26	Dioscorins, the major tuber storage proteins of yam (<i>Dioscorea batatas</i> Decne), with dehydroascorbate reductase and monodehydroascorbate reductase activities. <i>Plant Science</i> , 1999, 149, 151-156.	3.6	73
27	Monoamine Oxidase B and Free Radical Scavenging Activities of Natural Flavonoids in <i>Melastoma candidum</i> D. Don. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 5551-5555.	5.2	72
28	Antioxidant and anti-inflammatory activities of aqueous extract of <i>Centipeda minima</i> . <i>Journal of Ethnopharmacology</i> , 2013, 147, 395-405.	4.1	72
29	Antioxidant and anti-inflammatory properties of taiwanese yam (<i>Dioscorea japonica</i> Thunb. var.)	8.2	67
30	Synthesis and Biological Evaluation of ortho-Aryl N-Hydroxycinnamides as Potent Histone Deacetylase (HDAC) Isoform-Selective Inhibitors. <i>ChemMedChem</i> , 2012, 7, 1815-1824.	3.2	66
31	Hepatoprotective effects of eburicoic acid and dehydroeburicoic acid from <i>Antrodia camphorata</i> in a mouse model of acute hepatic injury. <i>Food Chemistry</i> , 2013, 141, 3020-3027.	8.2	64
32	Activity staining of glutathione peroxidase after electrophoresis on native and sodium dodecyl sulfate polyacrylamide gels. <i>Electrophoresis</i> , 2002, 23, 513-516.	2.4	63
33	Dioscorin isolated from <i>Dioscorea alata</i> activates TLR4-signaling pathways and induces cytokine expression in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 137-144.	2.1	62
34	Flavanones structure-related inhibition on TPA-induced tumor promotion through suppression of extracellular signal-regulated protein kinases: Involvement of prostaglandin E2 in anti-promotive process. <i>Journal of Cellular Physiology</i> , 2002, 193, 93-102.	4.1	55
35	Molecular cloning of two metallothionein-like protein genes with differential expression patterns from sweet potato (<i>Ipomoea batatas</i>) leaves. <i>Journal of Plant Physiology</i> , 2003, 160, 547-555.	3.5	55
36	Anti-inflammatory activities of tormentic acid from suspension cells of <i>Eriobotrya Japonica</i> ex vivo and in vivo. <i>Food Chemistry</i> , 2011, 127, 1131-1137.	8.2	55

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37	The phenolic constituents and free radical scavenging activities of <i>Gynura formosana</i> Kiamnra. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 615-621.	3.5	54
38	Dehydroascorbate reductase and monodehydroascorbate reductase activities of trypsin inhibitors, the major sweet potato (<i>Ipomoea batatas</i> [L.] Lam) root storage protein. <i>Plant Science</i> , 1997, 128, 151-158.	3.6	53
39	Pro-oxidant and cytotoxic activities of atractylenolide I in human promyeloleukemic HL-60 cells. <i>Food and Chemical Toxicology</i> , 2006, 44, 1308-1315.	3.6	50
40	Liposome encapsulation reduces cantharidin toxicity. <i>Food and Chemical Toxicology</i> , 2008, 46, 3116-3121.	3.6	50
41	Analgesic and Anti-Inflammatory Bioactivities of Eburicoic Acid and Dehydroeburicoic Acid Isolated from <i>Antrodia camphorata</i> on the Inflammatory Mediator Expression in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 5064-5071.	5.2	50
42	Anti-tumor potential of 15,16-dihydrotanshinone I against breast adenocarcinoma through inducing G1 arrest and apoptosis. <i>Biochemical Pharmacology</i> , 2007, 74, 1575-1586.	4.4	48
43	Interactions of Lipid Metabolism and Intestinal Physiology with <i>Tremella fuciformis</i> Berk Edible Mushroom in Rats Fed a High-Cholesterol Diet with or without Nebacitin. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 7438-7443.	5.2	45
44	Molecular cloning and characterization of a granulin-containing cysteine protease SPCP3 from sweet potato (<i>Ipomoea batatas</i>) senescent leaves. <i>Journal of Plant Physiology</i> , 2006, 163, 863-876.	3.5	44
45	Anti- α -glucosidase and Anti-dipeptidyl Peptidase-IV Activities of Extracts and Purified Compounds from <i>Vitis thunbergii</i> var. <i>taiwaniana</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6393-6401.	5.2	43
46	Antihypertensive Activities of a Solid-State Culture of <i>Taiwanofungus camphoratus</i> (Chang-Chih) in Spontaneously Hypertensive Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 23-30.	1.3	42
47	Hepatoprotective effect of the ethanol extract of <i>Vitis thunbergii</i> on carbon tetrachloride-induced acute hepatotoxicity in rats through anti-oxidative activities. <i>Journal of Ethnopharmacology</i> , 2012, 142, 795-803.	4.1	39
48	Astaxanthin Protects against Oxidative Stress and Calcium-Induced Porcine Lens Protein Degradation. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2418-2423.	5.2	38
49	The Effects of Antibiotics Combined with Natural Polyphenols against Clinical Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA). <i>Planta Medica</i> , 2008, 74, 840-846.	1.3	35
50	Biological Activities and Applications of Dioscorins, the Major Tuber Storage Proteins of Yam. <i>Journal of Traditional and Complementary Medicine</i> , 2012, 2, 41-46.	2.7	35
51	PECTINESTERASE-CATALYZED FIRING EFFECTS DURING PRECOOKING OF VEGETABLES. <i>Journal of Food Biochemistry</i> , 1996, 20, 397-416.	2.9	33
52	Pectin Hydroxamic Acids Exhibit Antioxidant Activities in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 4270-4273.	5.2	33
53	Evaluation of Antioxidant and Free Radical Scavenging Capacities of Polyphenolics from Pods of <i>Caesalpinia pulcherrima</i> . <i>International Journal of Molecular Sciences</i> , 2012, 13, 6073-6088.	4.1	33
54	Antioxidant and antiglycation activities of the synthesised dipeptide, Asn-Trp, derived from computer-aided simulation of yam dioscorin hydrolysis and its analogue, Gln-Trp. <i>Food Chemistry</i> , 2014, 147, 195-202.	8.2	33

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55	Polyhydroxycurcuminoids but not curcumin upregulate neprilysin and can be applied to the prevention of Alzheimer's disease. <i>Scientific Reports</i> , 2016, 6, 29760.	3.3	33
56	Antioxidant activities of the synthesized thiol-contained peptides derived from computer-aided pepsin hydrolysis of yam tuber storage protein, dioscorin. <i>Food Chemistry</i> , 2013, 138, 923-930.	8.2	32
57	Effects of tuber storage protein of yam (<i>Dioscorea alata</i> cv. Tainong No. 1) and its peptic hydrolyzates on spontaneously hypertensive rats. <i>Journal of the Science of Food and Agriculture</i> , 2006, 86, 1489-1494.	3.5	31
58	Detection of glutathione reductase after electrophoresis on native or sodium dodecyl sulfate polyacrylamide gels. <i>Electrophoresis</i> , 2004, 25, 2926-2931.	2.4	30
59	Preventive effects of rice bran oil on 1,2-dimethylhydrazine/dextran sodium sulphate-induced colon carcinogenesis in rats. <i>Food Chemistry</i> , 2011, 126, 562-567.	8.2	28
60	Effects of nicotinic acid derivatives on tyrosinase inhibitory and antioxidant activities. <i>Food Chemistry</i> , 2012, 132, 2074-2080.	8.2	28
61	Effects of yam tuber protein, dioscorin, on attenuating oxidative status and learning dysfunction in d-galactose-induced BALB/c mice. <i>Food and Chemical Toxicology</i> , 2014, 65, 356-363.	3.6	27
62	Monohydroxamates of Aspartic Acid and Glutamic Acid Exhibit Antioxidant and Angiotensin Converting Enzyme Inhibitory Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2386-2390.	5.2	26
63	Storage proteins of two cultivars of sweet potato (<i>Ipomoea batatas</i> L.) and their protease hydrolysates exhibited antioxidant activity in vitro. <i>Plant Science</i> , 2005, 168, 449-456.	3.6	25
64	Antioxidant and nitric oxide production inhibitory activities of galacturonyl hydroxamic acid. <i>Food Chemistry</i> , 2008, 109, 159-166.	8.2	25
65	Effects of Oral Administration of Yam Tuber Storage Protein, Dioscorin, to BALB/c Mice for 21-Days on Immune Responses. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 9274-9279.	5.2	25
66	Nicotinic Acid Hydroxamate Downregulated the Melanin Synthesis and Tyrosinase Activity through Activating the MEK/ERK and AKT/GSK3 β Signaling Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4859-4864.	5.2	25
67	Protective Effects of Minor Components of Curcuminoids on Hydrogen Peroxide-Treated Human HaCaT Keratinocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 3598-3608.	5.2	24
68	Polyamine-bound trypsin inhibitors in sweet potato (<i>Ipomoea batatas</i> [L.] Lam cv. Tainong 57) storage roots, sprouted roots and sprouts. <i>Plant Science</i> , 1997, 126, 11-19.	3.6	23
69	Active Recombinant Thioredoxin Protein with Antioxidant Activities from Sweet Potato (<i>Ipomoea</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 4720-4724.	5.2	23
70	Chemical Compositions, Anti-Inflammatory, Antiproliferative and Radical-Scavenging Activities of <i>Actinidia callosa</i> var. <i>ephippioides</i> . <i>The American Journal of Chinese Medicine</i> , 2012, 40, 1047-1062.	3.8	23
71	Synthesized Peptides from Yam Dioscorin Hydrolysis in Silico Exhibit Dipeptidyl Peptidase-IV Inhibitory Activities and Oral Glucose Tolerance Improvements in Normal Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6451-6458.	5.2	23
72	Effects of Different Types of Yam (<i>Dioscorea alata</i>) Products on the Blood Pressure of Spontaneously Hypertensive Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 1371-1376.	1.3	22

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73	Sweet potato (<i>Ipomoea batatas</i> [L.] Lam "Tainong 57"™) storage root mucilage with antioxidant activities in vitro. <i>Food Chemistry</i> , 2006, 98, 774-781.	8.2	21
74	Antioxidant and heme oxygenase-1 (HO-1)-induced effects of selected Taiwanese plants. <i>Food Chemistry</i> , 2006, 77, 109-115.	2.2	21
75	Ethanol Extracts and Isolated Compounds from Small-Leaf Grape (<i>Vitis thunbergii</i> var.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 60, 7435-7441.	5.2	21
76	Activity staining on polyacrylamide gels of trypsin inhibitors from leaves of sweet potato (<i>Ipomoea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2.4	2.4	20
77	Improving abnormal hemorheological parameters in aging guinea pigs by water-soluble extracts of <i>Salvia miltiorrhiza</i> Bunge. <i>Journal of Ethnopharmacology</i> , 2007, 111, 483-489.	4.1	19
78	In vitro and in vivo evaluation of the neuroprotective activity of <i>Uncaria hirsuta</i> Haviland. <i>Journal of Food and Drug Analysis</i> , 2020, 28, 147-158.	1.9	19
79	Inhibitory activities of acteoside, isoacteoside, and its structural constituents against protein glycation in vitro. , 2013, 54, 6.		18
80	Asn-Trp dipeptides improve the oxidative stress and learning dysfunctions ind-galactose-induced BALB/c mice. <i>Food and Function</i> , 2014, 5, 2228-2236.	4.6	18
81	Isolation and characterization of an isocitrate lyase gene from senescent leaves of sweet potato (<i>Ipomoea batatas</i> cv. Tainong 57). <i>Journal of Plant Physiology</i> , 2000, 157, 669-676.	3.5	17
82	Sweet potato (<i>Ipomoea batatas</i> (L.) Lam) trypsin inhibitors, the major root storage proteins, inhibit one endogenous serine protease activity. <i>Plant Science</i> , 2002, 163, 733-739.	3.6	16
83	Molecular cloning and characterization of a cDNA encoding asparaginyl endopeptidase from sweet potato (<i>Ipomoea batatas</i> (L.) Lam) senescent leaves. <i>Journal of Experimental Botany</i> , 2004, 55, 825-835.	4.8	16
84	Neuroprotective Activity of <i>Vitis thunbergii</i> var. <i>taiwaniana</i> Extracts in vitro and in vivo. <i>Journal of Medicinal Food</i> , 2010, 13, 170-178.	1.5	16
85	Effects of yam dioscorin interventions on improvements of the metabolic syndrome in high-fat diet-induced obese rats. , 2015, 56, 4.		16
86	Activity staining of pectinesterase on polyacrylamide gels after acidic or sodium dodecyl sulfate electrophoresis. <i>Electrophoresis</i> , 1998, 19, 692-694.	2.4	15
87	Hepatoprotective Effect of the Aqueous Extract of <i>Flemingia macrophylla</i> on Carbon Tetrachloride-Induced Acute Hepatotoxicity in Rats Through Anti-Oxidative Activities. <i>The American Journal of Chinese Medicine</i> , 2011, 39, 349-365.	3.8	15
88	Defensin protein from sweet potato (<i>Ipomoea batatas</i> [L.] Lam "Tainong 57"™) storage roots exhibits antioxidant activities in vitro and ex vivo. <i>Food Chemistry</i> , 2012, 135, 861-867.	8.2	15
89	Acetylcholinesterase inhibitory activity and neuroprotection in vitro, molecular docking, and improved learning and memory functions of demethylcurcumin in scopolamine-induced amnesia ICR mice. <i>Food and Function</i> , 2020, 11, 2328-2338.	4.6	14
90	Activity staining of plasma amine oxidase after polyacrylamide gel electrophoresis and its application to natural inhibitor screening. <i>Electrophoresis</i> , 2002, 23, 2369-2372.	2.4	13

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91	Inhibitory Activities of Semicarbazide-Sensitive Amine Oxidase and Angiotensin Converting Enzyme of Pectin Hydroxamic Acid. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 6362-6366.	5.2	13
92	Antioxidant Iridoid Glucosides From <i>Wendlandia Formosana</i> . <i>Natural Product Research</i> , 2004, 18, 357-364.	1.8	13
93	Ancordin, the major rhizome protein of madeira-vine, with trypsin inhibitory and stimulatory activities in nitric oxide productions. <i>Peptides</i> , 2007, 28, 1311-1316.	2.4	13
94	Feeding trial of instant food containing lyophilised yam powder in hypertensive subjects. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 138-143.	3.5	13
95	Glycine hydroxamate inhibits tyrosinase activity and melanin contents through downregulating cAMP/PKA signaling pathways. <i>Amino Acids</i> , 2015, 47, 617-625.	2.7	13
96	Effects of hot-water extracts from <i>Ganoderma lucidum</i> residues and solid-state fermentation residues on prebiotic and immune-stimulatory activities in vitro and the powdered residues used as broiler feed additives in vivo. , 2015, 56, 17.		13
97	Hot-Water Extracts from Roots of <i>Vitis thunbergii</i> var. <i>taiwaniana</i> and Identified Îµ-Viniferin Improve Obesity in High-Fat Diet-Induced Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2521-2529.	5.2	13
98	Baicalin Induces Differential Expression of Cytochrome COxidase in Human Lung H441 Cell. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 7276-7279.	5.2	12
99	Expression and function of a cysteine proteinase cDNA from sweet potato (<i>Ipomoea batatas</i> [L.] Lam) Tj ETQq1 1 0,784314 rgBT /Over	3.6	12
100	A high-resistance-starch rice diet reduces glycosylated hemoglobin levels and improves the antioxidant status in diabetic rats. <i>Food Research International</i> , 2007, 40, 842-847.	6.2	12
101	Antioxidant and semicarbazide-sensitive amine oxidase inhibitory activities of alginic acid hydroxamates. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 138-146.	3.5	12
102	Antioxidant and Amine Oxidase Inhibitory Activities of Hydroxyurea. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 1256-1260.	1.3	12
103	Involvement of Heme Oxygenase-1 Participates in Anti-Inflammatory and Analgesic Effects of Aqueous Extract of <i>Hibiscus taiwanensis</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-13.	1.2	12
104	Glutathione peroxidase-like activity of 33 kDa trypsin inhibitor from roots of sweet potato (<i>Ipomoea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.6	11
105	Detection of protease activities using specific aminoacyl or peptidylp-nitroanilides after sodium dodecyl sulfate " polyacrylamide gel electrophoresis and its applications. <i>Electrophoresis</i> , 1999, 20, 486-490.	2.4	10
106	Isolation and characterization of thioredoxin h cDNA from sweet potato (<i>Ipomoea batatas</i> [L.] Lam) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.6	10
107	Switch activation of PI-PLC downstream signals in activated macrophages with wortmannin. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 869-879.	4.1	10
108	Antioxidant and semicarbazide-sensitive amine oxidase inhibitory activities of glucuronic acid hydroxamate. <i>Food Chemistry</i> , 2011, 129, 423-428.	8.2	10

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109	Vasorelaxing and antihypertensive activities of synthesized peptides derived from computer-aided simulation of pepsin hydrolysis of yam dioscorin. , 2014, 55, 49.		10
110	In vitro reduction of trypsin inhibitor by purified NADPH/thioredoxin system from sprouts of sweet potato (<i>Ipomoea batatas</i> (L) Lam.) storage roots. <i>Plant Science</i> , 2004, 166, 435-441.	3.6	9
111	Taiwanofungus camphoratus Activates Peroxisome Proliferator-Activated Receptors and Induces Hypotriglyceride in Hypercholesterolemic Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 1704-1713.	1.3	8
112	Design of Diarylheptanoid Derivatives as Dual Inhibitors Against Class IIa Histone Deacetylase and β -amyloid Aggregation. <i>Frontiers in Pharmacology</i> , 2018, 9, 708.	3.5	8
113	Immobilized Zinc Affinity Chromatography of Pectin Hydroxamic Acids for Purification of Trypsin Inhibitors from Soybean and Sweet Potato. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 10219-10223.	5.2	7
114	Antioxidant, Antinociceptive, and Anti-Inflammatory Activities from <i>Actinidia callosa</i> var. <i>callosa</i> In Vitro and In Vivo. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-14.	1.2	7
115	Anti-glycation, anti-hemolysis, and ORAC activities of demethylcurcumin and tetrahydrocurcumin in vitro and reductions of oxidative stress in d-galactose-induced BALB/c mice in vivo. , 2019, 60, 9.		7
116	A new β -lactone from the leaves of <i>Cinnamomum kotoense</i> . <i>Natural Product Research</i> , 2006, 20, 1246-1250.	1.8	6
117	<i>Vitis thunbergii</i> var. <i>taiwaniana</i> Extracts and Purified Compounds Ameliorate Obesity in High-Fat Diet-Induced Obese Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 9286-9294.	5.2	6
118	135-Day Interventions of Yam Dioscorin and the Dipeptide Asn-Trp (NW) To Reduce Weight Gains and Improve Impaired Glucose Tolerances in High-Fat Diet-Induced C57BL/6 Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 645-652.	5.2	6
119	Activity staining of isocitrate lyase after electrophoresis on either native or sodium dodecyl sulfate polyacrylamide gels. <i>Electrophoresis</i> , 2001, 22, 2653-2655.	2.4	5
120	DPPH Radical Scavenging and Semicarbazide-Sensitive Amine Oxidase Inhibitory and Cytotoxic Activities of <i>Taiwanofungus camphoratus</i> (Chang-Chih). <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 1873-1878.	1.3	5
121	Hydrolysable Tannins Exhibit Acetylcholinesterase Inhibitory and Anti-Glycation Activities In Vitro and Learning and Memory Function Improvements in Scopolamine-Induced Amnesiac Mice. <i>Biomedicines</i> , 2021, 9, 1066.	3.2	5
122	Egg White Lysozyme Purification with Sweet Potato [<i>Ipomoea batatas</i> (L.) Lam] Leaf Preparations. <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 4487-4489.	5.2	4
123	Antiglycation, radical scavenging, and semicarbazide-sensitive amine oxidase inhibitory activities of acetohydroxamic acid in vitro. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 2139-2147.	4.3	4
124	Vitisin A, a Resveratrol Tetramer, Improves Scopolamine-Induced Impaired Learning and Memory Functions in Amnesiac ICR Mice. <i>Biomedicines</i> , 2022, 10, 273.	3.2	4
125	Reductions of copper ion-mediated low-density lipoprotein (LDL) oxidations of trypsin inhibitors, the sweet potato root major proteins, and LDL binding capacities. , 2020, 61, 26.		1
126	Anti-obesogenic activities of pheophorbide <i>a</i> and pyropheophorbide <i>a</i> isolated from wild bitter melon (<i>Momordica charantia</i> L. var. <i>abbreviata</i> Seringe) in vitro. <i>Journal of the Science of Food and Agriculture</i> , 0, , .	3.5	1

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