Jeng-Leun Mau

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122
papers6,114
citations45
h-index76
g-index122
ext. papers6,746
ext. citations4.5
avg, IF5.83
L-index

#	Paper	IF	Citations
122	Comparison of Single and Combined Use of Ergothioneine, Ferulic Acid, and Glutathione as Antioxidants for the Prevention of Ultraviolet B Radiation-Induced Photoaging Damage in Human Skin Fibroblasts. <i>Processes</i> , 2021 , 9, 1204	2.9	3
121	Instrumental texture and sensory preference of vacuum-fried shiitake crisps as affected by isomalto-oligosaccharide pretreatment. <i>International Journal of Food Properties</i> , 2021 , 24, 859-870	3	1
120	Composition, enzyme and antioxidant activities of pineapple. <i>International Journal of Food Properties</i> , 2021 , 24, 1244-1251	3	1
119	Chemical Composition and Antioxidant Properties of Different Combinations of Submerged Cultured Mycelia of Medicinal Mushrooms. <i>International Journal of Medicinal Mushrooms</i> , 2021 , 23, 1-24	1.3	1
118	Effect of the King Oyster Culinary-Medicinal Mushroom Pleurotus eryngii (Agaricomycetes) Basidiocarps Powder to Ameliorate Memory and Learning Deficit in Ability in Allnduced Alzheimer's Disease C57BL/6J Mice Model. <i>International Journal of Medicinal Mushrooms</i> , 2020 , 22, 145-	1.3 159	4
117	Antioxidant Activities of Selected Medicinal Mushroom Submerged Cultivated Mycelia. <i>International Journal of Medicinal Mushrooms</i> , 2020 , 22, 367-377	1.3	1
116	Morphological Characteristics, Molecular Identification and Antioxidant Activities of Phallus atrovolvatus (Agaricomycetes) Isolated from Thailand. <i>International Journal of Medicinal Mushrooms</i> , 2020 , 22, 743-753	1.3	1
115	Effect of Ethanolic Extracts from Taiwanofungus camphoratus and T. salmoneus (Agaricomycetes) Mycelia on Osteoporosis Recovery. <i>International Journal of Medicinal Mushrooms</i> , 2020 , 22, 277-287	1.3	
114	Physicochemical, antioxidant and sensory characteristics of bread partially substituted with aerial parts of sweet potato. <i>LWT - Food Science and Technology</i> , 2020 , 117, 108602	5.4	11
113	Quality Characteristics of Wood Ear Icebox Cookie. Food Science and Technology Research, 2019, 25, 373	s-3 & 1	O
112	Composition of Mycelia and Basidiomata of the Culinary-Medicinal Golden Oyster Mushroom, Pleurotus citrinopileatus (Agaricomycetes) by Nuclear Magnetic Resonance Spectroscopy. <i>International Journal of Medicinal Mushrooms</i> , 2019 , 21, 965-977	1.3	
111	Quality characteristics of centrifuged broth from blanched Pleurotus eryngii and its application as instant drink. <i>Journal of Food Processing and Preservation</i> , 2018 , 42, e13356	2.1	1
110	Extraction of Ergothioneine from Pleurotus eryngii and P. citrinopileatus (Agaricomycetes) and Preparation of Its Product. <i>International Journal of Medicinal Mushrooms</i> , 2018 , 20, 381-392	1.3	1
109	Taste Quality of the Hot Water Extract from Flammulina velutipes and its Application in Umami Seasoning. <i>Food Science and Technology Research</i> , 2018 , 24, 201-208	0.8	2
108	Anti-Inflammatory and Antioxidant Properties of Pulsed Light Irradiated Lentinula edodes. <i>Journal of Food Processing and Preservation</i> , 2017 , 41, e13045	2.1	9
107	Anti-Inflammation and Lipogenic Inhibition of Taiwanofungus salmonea Mycelium and Grifola frondosa Fruiting Body. <i>International Journal of Medicinal Mushrooms</i> , 2017 , 19, 629-640	1.3	4
106	Apoptotic Effect of Taiwanofungus salmoneus (Agaricomycetes) Mycelia and Solid-State Fermented Products on Cancer Cells. <i>International Journal of Medicinal Mushrooms</i> , 2017 , 19, 777-495	1.3	1

(2014-2016)

105	Anti-Inflammation Properties of Fruiting Bodies and Submerged Cultured Mycelia of Culinary-Medicinal Higher Basidiomycetes Mushrooms. <i>International Journal of Medicinal Mushrooms</i> , 2016 , 18, 999-1009	1.3	7
104	Antimicrobial and antitumor activities of chitosan from shiitake stipes, compared to commercial chitosan from crab shells. <i>Carbohydrate Polymers</i> , 2016 , 138, 259-64	10.3	152
103	Quantification of Water-Soluble Metabolites in Medicinal Mushrooms Using Proton NMR Spectroscopy. <i>International Journal of Medicinal Mushrooms</i> , 2016 , 18, 413-24	1.3	6
102	Nonvolatile Taste Components and Antioxidant Properties of Fruiting Body and Mycelium with High Ergothioneine Content from the Culinary-Medicinal Golden Oyster Mushroom Pleurotus citrinopileatus (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2016 , 18, 689-698	1.3	9
101	Quality of Bread Supplemented with -Fermented Grains. <i>Food Technology and Biotechnology</i> , 2016 , 54, 180-188	2.1	4
100	A steroid like phytochemical Antcin M is an anti-aging reagent that eliminates hyperglycemia-accelerated premature senescence in dermal fibroblasts by direct activation of Nrf2 and SIRT-1. <i>Oncotarget</i> , 2016 , 7, 62836-62861	3.3	26
99	Chemical characteristics and anti-proliferation activities of Ganoderma tsugae polysaccharides. <i>Carbohydrate Polymers</i> , 2015 , 128, 90-8	10.3	25
98	Physicochemical, Antioxidant and Sensory Characteristics of Chiffon Cakes Fortified with Various Tea Powders. <i>Journal of Food Processing and Preservation</i> , 2015 , 39, 443-450	2.1	9
97	Nonvolatile Taste Components and Functional Compounds of Commercial Soy Sauce Products. Journal of Food Processing and Preservation, 2015, 39, 2680-2686	2.1	7
96	Antioxidant and Anti-Inflammatory Properties of Solid-State Fermented Products from a Medicinal Mushroom, Taiwanofungus salmoneus (Higher Basidiomycetes) from Taiwan. <i>International Journal of Medicinal Mushrooms</i> , 2015 , 17, 21-32	1.3	8
95	Enhancement of Vitamin D2 Content in Pleurotus Mushrooms Using Pulsed Light. <i>Journal of Food Processing and Preservation</i> , 2015 , 39, 2027-2034	2.1	6
94	Effect of UV-B Irradiation on Physiologically Active Substance Content and Antioxidant Properties of the Medicinal Caterpillar Fungus Cordyceps militaris (Ascomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2015 , 17, 241-53	1.3	14
93	Consumption of vitamin D2 enhanced mushrooms is associated with improved bone health. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 696-703	6.3	20
92	Antrodin C inhibits epithelial-to-mesenchymal transition and metastasis of breast cancer cells via suppression of Smad2/3 and Eatenin signaling pathways. <i>PLoS ONE</i> , 2015 , 10, e0117111	3.7	29
91	Antiproliferative Activities of Hot Water Extracts from Culinary-Medicinal Mushrooms, Ganoderma tsugae and Agrocybe cylindracea (Higher Basidiomycetes) on Cancer Cells. <i>International Journal of Medicinal Mushrooms</i> , 2015 , 17, 453-62	1.3	8
90	Apoptotic Effect of Extract from Medicinal Mushroom from Taiwan Taiwanofungus salmoneus (Higher Basidiomycetes) Mycelium Combined with or without Cisplatin on Hepatocellular Carcinoma Cells. <i>International Journal of Medicinal Mushrooms</i> , 2015 , 17, 567-77	1.3	4
89	Submerged Cultivation of Mycelium with High Ergothioneine Content from the Culinary-Medicinal Golden Oyster Mushroom, Pleurotus citrinopileatus (Higher Basidiomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2015 , 17, 749-61	1.3	10
88	Quality and Antioxidant Property of Three Types of Tea Infusions. <i>Journal of Food Processing and Preservation</i> , 2014 , 38, 1401-1408	2.1	7

87	Chemical composition and nutritional and medicinal value of fruit bodies and submerged cultured mycelia of culinary-medicinal higher Basidiomycetes mushrooms. <i>International Journal of Medicinal Mushrooms</i> , 2014 , 16, 273-91	1.3	70
86	An NMR metabolomic study on the effect of alendronate in ovariectomized mice. <i>PLoS ONE</i> , 2014 , 9, e106559	3.7	12
85	Effect of Different Brewing Methods on Quality of Green Tea. <i>Journal of Food Processing and Preservation</i> , 2014 , 38, 1234-1243	2.1	25
84	Enhancement of antioxidant properties and increase of content of vitamin D2 and non-volatile components in fresh button mushroom, Agaricus bisporus (higher Basidiomycetes) by 🛘 Irradiation. International Journal of Medicinal Mushrooms, 2014, 16, 137-47	1.3	10
83	CHANGES IN BUCKWHEAT BREAD DURING STORAGE. <i>Journal of Food Processing and Preservation</i> , 2013 , 37, 285-290	2.1	10
82	Quality of bread supplemented with mushroom mycelia. <i>Food Chemistry</i> , 2013 , 138, 70-6	8.5	68
81	Antcin C from Antrodia cinnamomea Protects Liver Cells Against Free Radical-Induced Oxidative Stress and Apoptosis In Vitro and In Vivo through Nrf2-Dependent Mechanism. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 296082	2.3	37
80	Bioactive components and antioxidant properties of Eminobutyric acid (GABA) tea leaves. <i>LWT - Food Science and Technology</i> , 2012 , 46, 64-70	5.4	21
79	Contents of lovastatin, Elminobutyric acid and ergothioneine in mushroom fruiting bodies and mycelia. <i>LWT - Food Science and Technology</i> , 2012 , 47, 274-278	5.4	103
78	Comparative study of contents of several bioactive components in fruiting bodies and mycelia of culinary-medicinal mushrooms. <i>International Journal of Medicinal Mushrooms</i> , 2012 , 14, 357-63	1.3	29
77	QUALITY OF WHITE BREAD MADE FROM LACTIC ACID BACTERIA-ENRICHED DOUGH. <i>Journal of Food Processing and Preservation</i> , 2012 , 36, 553-559	2.1	4
76	Immunomodulatory effects of dead Lactobacillus on murine splenocytes and macrophages. <i>Food and Agricultural Immunology</i> , 2012 , 23, 183-202	2.9	14
75	Preparation of culinary-medicinal king oyster mushroom Pleurotus eryngii-fermented products with high ergothioneine content and their taste quality. <i>International Journal of Medicinal Mushrooms</i> , 2012 , 14, 85-93	1.3	11
74	Nutrient compositions of culinary-medicinal mushroom fruiting bodies and mycelia. <i>International Journal of Medicinal Mushrooms</i> , 2011 , 13, 343-9	1.3	58
73	QUALITY AND ANTIOXIDANT PROPERTIES OF ANKA-ENRICHED BREAD. <i>Journal of Food Processing and Preservation</i> , 2011 , 35, 518-523	2.1	6
72	QUALITY OF FUNGAL CHITIN BREAD. Journal of Food Processing and Preservation, 2011, 35, 708-713	2.1	4
71	Isolation and characterization of a strain of Klebsiella pneumoniae with citrinin-degrading activity. <i>World Journal of Microbiology and Biotechnology</i> , 2011 , 27, 487-493	4.4	8
7º	ANTIOXIDANT PROPERTIES OF WATER EXTRACTS FROM PARCHING GREEN TEA. Journal of Food Biochemistry, 2010 , 34, 477	3.3	7

69	QUALITY OF BREAD SUPPLEMENTED WITH SILVER EAR. Journal of Food Quality, 2010, 33, 59-71	2.7	8
68	Pivotal role of curcuminoids on the antimutagenic activity of Curcuma zedoaria extracts. <i>Drug and Chemical Toxicology</i> , 2010 , 33, 64-76	2.3	10
67	A novel alcoholic beverage developed from shiitake stipe extract and cane sugar with various Saccharomyces strains. <i>LWT - Food Science and Technology</i> , 2010 , 43, 971-976	5.4	14
66	Quality and antioxidant property of green tea sponge cake. <i>Food Chemistry</i> , 2010 , 119, 1090-1095	8.5	140
65	ANTIOXIDANT PROPERTIES OF COPRINUS COMATUS. Journal of Food Biochemistry, 2009, 33, 368-389	3.3	12
64	ANTIOXIDANT PROPERTIES OF ETHANOLIC AND METHANOLIC EXTRACTS FROM MONASCUS-FERMENTED SOYBEANS. <i>Journal of Food Biochemistry</i> , 2009 , 33, 707-727	3.3	4
63	Quality and antioxidant property of buckwheat enhanced wheat bread. Food Chemistry, 2009, 112, 987-	- 99 .ჭ	126
62	Flavour components and antioxidant properties of several cultivated mushrooms. <i>Food Chemistry</i> , 2009 , 113, 578-584	8.5	97
61	Antioxidant properties of solid-state fermented adlay and rice by Phellinus linteus. <i>Food Chemistry</i> , 2009 , 116, 841-845	8.5	38
60	Physicochemical characterization of chitin and chitosan from crab shells. <i>Carbohydrate Polymers</i> , 2009 , 75, 15-21	10.3	340
59	Composition and non-volatile taste components of Hypsizigus marmoreus. <i>LWT - Food Science and Technology</i> , 2009 , 42, 594-598	5.4	31
58			
	Nonvolatile taste components of solid-state fermented adlay and rice by Phellinus linteus. <i>LWT</i> - Food Science and Technology, 2009 , 42, 1738-1743	5.4	9
57		5·4 5·4	9 47
57 56	Food Science and Technology, 2009 , 42, 1738-1743 Effect of different brewing methods on antioxidant properties of steaming green tea. <i>LWT - Food</i>		
	Food Science and Technology, 2009, 42, 1738-1743 Effect of different brewing methods on antioxidant properties of steaming green tea. LWT - Food Science and Technology, 2008, 41, 1616-1623 Antioxidant properties of extracts from a white mutant of the mushroom Hypsizigus marmoreus.	5.4	47
56	Effect of different brewing methods on antioxidant properties of steaming green tea. LWT - Food Science and Technology, 2008, 41, 1616-1623 Antioxidant properties of extracts from a white mutant of the mushroom Hypsizigus marmoreus. Journal of Food Composition and Analysis, 2008, 21, 116-124	5.4 4.1 10.3	47 50
56 55	Effect of different brewing methods on antioxidant properties of steaming green tea. LWT - Food Science and Technology, 2008, 41, 1616-1623 Antioxidant properties of extracts from a white mutant of the mushroom Hypsizigus marmoreus. Journal of Food Composition and Analysis, 2008, 21, 116-124 Antioxidant properties of chitosan from crab shells. Carbohydrate Polymers, 2008, 74, 840-844	5.4 4.1 10.3	47 50 334

51	Antioxidant properties of various extracts from Hypsizigus marmoreus. <i>Food Chemistry</i> , 2007 , 104, 1-9	8.5	104
50	Nonvolatile taste components of Agaricus bisporus harvested at different stages of maturity. <i>Food Chemistry</i> , 2007 , 103, 1457-1464	8.5	95
49	ANTIOXIDANT PROPERTIES OF ETHANOLIC AND HOT WATER EXTRACTS FROM THE RHIZOME OF CURCUMA AROMATICA. <i>Journal of Food Biochemistry</i> , 2007 , 31, 757-771	3.3	10
48	Antioxidant properties of fungal chitosan from shiitake stipes. <i>LWT - Food Science and Technology</i> , 2007 , 40, 255-261	5.4	61
47	Selected physical properties of chitin prepared from shiitake stipes. <i>LWT - Food Science and Technology</i> , 2007 , 40, 558-563	5.4	53
46	Physico-chemical characterization of fungal chitosan from shiitake stipes. <i>LWT - Food Science and Technology</i> , 2007 , 40, 472-479	5.4	66
45	Antioxidant properties of three extracts from Pleurotus citrinopileatus. <i>LWT - Food Science and Technology</i> , 2007 , 40, 823-833	5.4	126
44	Antioxidant properties of Agaricus blazei, Agrocybe cylindracea, and Boletus edulis. <i>LWT - Food Science and Technology</i> , 2007 , 40, 1392-1402	5.4	96
43	Nonvolatile Taste Components of Fruit Bodies and Mycelia of Shaggy Ink Cap Mushroom Coprinus comatus (O.F. Ml.: Fr.) Pers. (Agaricomycetideae). <i>International Journal of Medicinal Mushrooms</i> , 2007 , 9, 47-55	1.3	10
42	Antioxidant properties of methanolic extracts from monascal rice. <i>LWT - Food Science and Technology</i> , 2006 , 39, 740-747	5.4	38
41	Antioxidant properties of methanolic extracts from Agrocybe cylindracea. <i>LWT - Food Science and Technology</i> , 2006 , 39, 379-387	5.4	15
40	Nonvolatile taste components of fruit bodies and mycelia of Cordyceps militaris. <i>LWT - Food Science and Technology</i> , 2006 , 39, 577-583	5.4	31
39	Antioxidant properties of methanolic extracts from Agaricus blazei with various doses of Erradiation. <i>LWT - Food Science and Technology</i> , 2006 , 39, 707-716	5.4	49
38	Antioxidant properties of aqueous extracts from Terminalia catappa leaves. <i>LWT - Food Science and Technology</i> , 2006 , 39, 1099-1108	5.4	27
37	Nonvolatile taste components of Grifola frondosa, Morchella esculenta and Termitomyces albuminosus mycelia. <i>LWT - Food Science and Technology</i> , 2006 , 39, 1066-1071	5.4	27
36	Antioxidant properties of methanolic extracts from monascal adlay. Food Chemistry, 2006, 97, 375-381	8.5	31
35	Non-volatile taste components of canned mushrooms. <i>Food Chemistry</i> , 2006 , 97, 431-437	8.5	46
34	Antioxidant properties of hot water extracts from Agrocybe cylindracea. <i>Food Chemistry</i> , 2006 , 98, 670-	- 68 7.₹	89

(2001-2005)

33	Antioxidant properties of hot water extracts from Ganoderma tsugae Murrill. <i>LWT - Food Science and Technology</i> , 2005 , 38, 589-597	5.4	68
32	Storage stability of monascal adlay. <i>Food Chemistry</i> , 2005 , 90, 303-309	8.5	17
31	Non-volatile flavour components of Ganoderma tsugae. <i>Food Chemistry</i> , 2005 , 90, 409-415	8.5	65
30	The Umami Taste of Edible and Medicinal Mushrooms. <i>International Journal of Medicinal Mushrooms</i> , 2005 , 7, 119-126	1.3	85
29	Antioxidant properties of methanolic extracts from two kinds of Antrodia camphorata mycelia. <i>Food Chemistry</i> , 2004 , 86, 25-31	8.5	53
28	Antioxidant properties of methanolic extracts from Grifola frondosa, Morchella esculenta and Termitomyces albuminosus mycelia. <i>Food Chemistry</i> , 2004 , 87, 111-118	8.5	225
27	Taste quality of monascal adlay. Journal of Agricultural and Food Chemistry, 2004, 52, 2297-300	5.7	5
26	Aroma characterization and antioxidant activity of supercritical carbon dioxide extracts from Terminalia catappa leaves. <i>Food Research International</i> , 2003 , 36, 97-104	7	35
25	Antioxidant properties of several commercial mushrooms. <i>Food Chemistry</i> , 2002 , 77, 229-235	8.5	267
24	Antioxidant properties of solvent extracts from Terminalia catappa leaves. <i>Food Chemistry</i> , 2002 , 78, 483-488	8.5	48
23	Antioxidant properties of several specialty mushrooms. <i>Food Research International</i> , 2002 , 35, 519-526	7	291
22	Antioxidant properties of several medicinal mushrooms. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 6072-7	5.7	233
21	Non-volatile taste components of several commercial mushrooms. <i>Food Chemistry</i> , 2001 , 72, 465-471	8.5	173
20	Non-volatile taste components of several speciality mushrooms. <i>Food Chemistry</i> , 2001 , 73, 461-466	8.5	74
19	Non-volatile taste components of Agaricus blazei, Antrodia camphorata and Cordyceps militaris mycelia. <i>Food Chemistry</i> , 2001 , 74, 203-207	8.5	49
18	Effects of various oils on volatile compounds of deep-fried shallot flavouring. <i>Food Chemistry</i> , 2001 , 74, 41-46	8.5	19
17	Antimicrobial effect of extracts from Chinese chive, cinnamon, and corni fructus. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 183-8	5.7	122
16	Antioxidant properties of methanolic extracts from several ear mushrooms. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 5461-7	5.7	193

15	Non-volatile components of several medicinal mushrooms. <i>Food Research International</i> , 2001 , 34, 521-5	2 / 6	72
14	Antioxidant properties of fermented soybean broth. <i>Food Chemistry</i> , 2000 , 71, 249-254	8.5	104
13	Contents of sugars, free amino acids and free 5?-nucleotides in mushrooms, Agaricus bisporus, during post-harvest storage. <i>Journal of the Science of Food and Agriculture</i> , 1999 , 79, 1519-1523	4.3	66
12	Nonvolatile Taste Components of Three Strains of Agrocybe cylindracea. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 2071-2074	5.7	44
11	Flavor Compounds in King Oyster Mushrooms Pleurotus eryngii. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 4587-4591	5.7	62
10	Ultraviolet Irradiation Increased Vitamin D2 Content in Edible Mushrooms. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 5269-5272	5.7	83
9	Nonvolatile Taste Components of Ear Mushrooms. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 4583-4586	5.7	32
8	Storage Stability of Deep-Fried Shallot Flavoring. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 3211-3215	5.7	6
7	Effect of Erradiation on Flavor Compounds of Fresh Mushrooms. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 1849-1852	5.7	12
6	Flavor Compounds in Straw MushroomsVolvariellavolvaceaHarvested at Different Stages of Maturity. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 4726-4729	5.7	115
5	Factors Affecting 1-Octen-3-ol in Mushrooms at Harvest and During Postharvest Storage. <i>Journal of Food Science</i> , 1993 , 58, 331-334	3.4	29
4	PREPARATION, PURIFICATION AND IDENTIFICATION OF 10-OXO-TRANS-8-DECENOIC ACID FROM THE CULTIVATED MUSHROOM, AGARICUS BISPORUS. <i>Journal of Food Biochemistry</i> , 1992 , 16, 371-388	3.3	2
3	Stipe Trimming at Harvest Increases Shelf Life of Fresh Mushrooms (Agaricus bisporus). <i>Journal of Food Science</i> , 1992 , 57, 1361-1363	3.4	14
2	1-Octen-3-ol in the Cultivated Mushroom, Agaricus bisporus. <i>Journal of Food Science</i> , 1992 , 57, 704-706	3.4	56
1	Effect of Nutrient Supplementation on Flavor, Quality, and Shelf Life of the Cultivated Mushroom, Agaricus bisporus. <i>Mycologia</i> , 1991 , 83, 142	2.4	10