

Yi Chen Chen

List of Publications by Year in Descending Order

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Version: 2024-04-20

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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.

98
papers

2,872
citations

32
h-index

49
g-index

100
ext. papers

3,171
ext. citations

5
avg, IF

5.05
L-index

#	Paper	IF	Citations
98	Functional chicken-liver hydrolysates ameliorate insulin resistance and cognitive decline in streptozotocin-induced diabetic mice.. <i>Poultry Science</i> , 2022 , 101, 101887	3.9	1
97	Effects of washing step and salt-addition levels on textural and quality properties in the chicken-surimi products.. <i>Poultry Science</i> , 2022 , 101, 101885	3.9	0
96	Suppressive effects of an apoptotic mimicry prepared from jumbo-flying squid-skin phospholipids on the osteoclastogenesis in receptor activator of nuclear factor kappa B ligand/macrophage colony-stimulating factor-induced RAW 264.7 cells. <i>Journal of the Chinese Medical Association</i> , 2021 , 84, 51-60	2.8	1
95	Ameliorative effects of functional crude-chalaza hydrolysates on the hepatosteatosis development induced by a high-fat diet. <i>Poultry Science</i> , 2021 , 100, 101009	3.9	1
94	Effects of wheat fiber addition on emulsion and lipid/protein stabilities of an omega-3 fatty acid-fortified chicken surimi product. <i>Poultry Science</i> , 2021 , 100, 1319-1327	3.9	6
93	Protective effects of crude chalaza hydrolysates against liver fibrogenesis via antioxidation, anti-inflammation/anti-fibrogenesis, and apoptosis promotion of damaged hepatocytes. <i>Poultry Science</i> , 2021 , 100, 101175	3.9	1
92	Ameliorative effects of functional chalaza hydrolysates prepared from protease-A digestion on cognitive dysfunction and brain oxidative damages. <i>Poultry Science</i> , 2020 , 99, 2819-2832	3.9	5
91	Modulations of growth performance, gut microbiota, and inflammatory cytokines by trehalose on Salmonella Typhimurium-challenged broilers. <i>Poultry Science</i> , 2020 , 99, 4034-4043	3.9	3
90	Antiobesity and hypolipidemic effects of protease A-digested crude-chalaza hydrolysates in a high-fat diet. <i>Journal of Functional Foods</i> , 2020 , 66, 103788	5.1	5
89	Cardiac protection of functional chicken-liver hydrolysates on the high-fat diet induced cardio-renal damages via sustaining autophagy homeostasis. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 2443-2452	4.3	5
88	Modulation effects of black-vinegar-based supplement against a high-fat dietary habit: antiobesity/hypolipidemic, antioxidative, and energy-metabolism effects. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 2380-2388	4.3	3
87	Effects of rosemary (<i>Rosmarinus officinalis</i> L.) extracts and dry ice on the physicochemical stability of omega-3 fatty-acid-fortified surimi-like meat products. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 3843-3851	4.3	8
86	Litchi (<i>Litchi chinensis</i> Sonn.) flower proanthocyanidin fraction exhibited protective efficacy to suppress nickel-induced expression for vascular endothelial growth factor in HepG2 cells. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12882	3.3	2
85	Protective effects of antioxidant egg-chalaza hydrolysates against chronic alcohol consumption-induced liver steatosis in mice. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 2300-2310	4.3	7
84	Nutritional composition in the chia seed and its processing properties on restructured ham-like products. <i>Journal of Food and Drug Analysis</i> , 2018 , 26, 124-134	7	43
83	Preventive effects of taurine against d-galactose-induced cognitive dysfunction and brain damage. <i>Food and Function</i> , 2018 , 9, 124-133	6.1	17
82	Manufacture and characterization of anti-inflammatory liposomes from jumbo flying squid (<i>Dosidicus gigas</i>) skin phospholipid extraction. <i>Food and Function</i> , 2018 , 9, 3986-3996	6.1	8

81	Protective effect and mechanism of <i>Muntingia calabura</i> Linn. fruit ethanolic extract against vascular endothelial growth factor production in nickel-stimulated hepatocellular carcinoma cells. <i>Journal of Functional Foods</i> , 2018 , 47, 343-349	5.1	3
80	Effects of a natural antioxidant, polyphenol-rich rosemary (<i>Rosmarinus officinalis</i> L.) extract, on lipid stability of plant-derived omega-3 fatty-acid rich oil. <i>LWT - Food Science and Technology</i> , 2018 , 89, 210-216	5.4	52
79	Molecular mechanisms of the effects of the ethanolic extract of <i>Muntingia calabura</i> Linn. fruit on lipopolysaccharide-induced pro-inflammatory mediators in macrophages. <i>Food and Function</i> , 2017 , 8, 1245-1253	6.1	20
78	Effects of antrosterol from <i>Antrodia camphorata</i> submerged whole broth on lipid homeostasis, antioxidation, alcohol clearance, and anti-inflammation in livers of chronic-alcohol fed mice. <i>Journal of Ethnopharmacology</i> , 2017 , 202, 200-207	5	22
77	Preventive effects of <i>Ophiocordyceps sinensis</i> mycelium on the liver fibrosis induced by thioacetamide. <i>Environmental Toxicology</i> , 2017 , 32, 1792-1800	4.2	6
76	Hepatoprotective effects of naturally fermented noni juice against thioacetamide-induced liver fibrosis in rats. <i>Journal of the Chinese Medical Association</i> , 2017 , 80, 212-221	2.8	16
75	Protective Effects of Functional Chicken Liver Hydrolysates against Liver Fibrogenesis: Antioxidation, Anti-inflammation, and Antifibrosis. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 4961-4969	5.7	12
74	Ameliorative effects of pepsin-digested chicken liver hydrolysates on development of alcoholic fatty livers in mice. <i>Food and Function</i> , 2017 , 8, 1763-1774	6.1	23
73	Effective compounds in the fruit of <i>Muntingia calabura</i> Linn. cultivated in Taiwan evaluated with scavenging free radicals and suppressing LDL oxidation. <i>Food and Function</i> , 2017 , 8, 1504-1511	6.1	7
72	Lychee flower extract inhibits proliferation and viral replication of HSV-1-infected corneal epithelial cells. <i>Molecular Vision</i> , 2016 , 22, 129-37	2.3	6
71	Chicken surimi fortified by omega-3 fatty acid addition: manufacturing and quality properties. <i>Journal of the Science of Food and Agriculture</i> , 2016 , 96, 1609-17	4.3	11
70	L-carnitine ameliorates dyslipidemic and hepatic disorders induced by a high-fat diet via regulating lipid metabolism, self-antioxidant capacity, and inflammatory response. <i>Journal of Functional Foods</i> , 2015 , 15, 497-508	5.1	23
69	Induction of apoptotic death of human hepatocellular carcinoma (HepG2) cells by ethanolic extract from litchi (<i>Litchi chinensis</i> Sonn.) flower. <i>Journal of Functional Foods</i> , 2015 , 19, 100-109	5.1	5
68	Taurine Attenuates Hepatic Inflammation in Chronic Alcohol-Fed Rats Through Inhibition of TLR4/MyD88 Signaling. <i>Journal of Medicinal Food</i> , 2015 , 18, 1291-8	2.8	32
67	Alleviative effects of litchi (<i>Litchi chinensis</i> Sonn.) flower on lipid peroxidation and protein degradation in emulsified pork meatballs. <i>Journal of Food and Drug Analysis</i> , 2015 , 23, 501-508	7	18
66	Amino acid, mineral, and polyphenolic profiles of black vinegar, and its lipid lowering and antioxidant effects in vivo. <i>Food Chemistry</i> , 2015 , 168, 63-9	8.5	62
65	Three Pathways Assess Anti-Inflammatory Response of Epicatechin with Lipopolysaccharide-Mediated Macrophage RAW264.7 Cells. <i>Journal of Food Biochemistry</i> , 2015 , 39, 334-343	3.3	17
64	Ameliorative effects of D-glucuronolactone on oxidative stress and inflammatory/fibrogenic responses in livers of thioacetamide-treated rats. <i>Journal of Functional Foods</i> , 2015 , 14, 154-162	5.1	10

63	Methanolic extract of black garlic ameliorates diet-induced obesity via regulating adipogenesis, adipokine biosynthesis, and lipolysis. <i>Journal of Functional Foods</i> , 2014 , 9, 98-108	5.1	42
62	Regulation of virus-induced inflammatory response by <i>Dunaliella salina</i> alga extract in macrophages. <i>Food and Chemical Toxicology</i> , 2014 , 71, 159-65	4.7	15
61	Inhibitory effect of litchi (<i>Litchi chinensis</i> Sonn.) flower on lipopolysaccharide-induced expression of proinflammatory mediators in RAW264.7 cells through NF- κ B, ERK, and JAK2/STAT3 inactivation. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 3458-65	5.7	28
60	Cytotoxic and apoptotic effects of caffeate derivatives on A549 human lung carcinoma cells. <i>Journal of the Chinese Medical Association</i> , 2014 , 77, 535-43	2.8	6
59	Antioxidant activities of chicken liver hydrolysates by pepsin treatment. <i>International Journal of Food Science and Technology</i> , 2014 , 49, 1654-1662	3.8	27
58	Chemical composition, antioxidant and anti-inflammatory properties for ethanolic extracts from <i>Pleurotus eryngii</i> fruiting bodies harvested at different time. <i>LWT - Food Science and Technology</i> , 2014 , 55, 374-382	5.4	22
57	Investigation of the Protective Effects of Taurine against Alloxan-Induced Diabetic Retinal Changes via Electroretinogram and Retinal Histology with New Zealand White Rabbits. <i>International Journal of Endocrinology</i> , 2014 , 2014, 631549	2.7	4
56	Effects of chicken-liver hydrolysates on lipid metabolism in a high-fat diet. <i>Food Chemistry</i> , 2014 , 160, 148-56	8.5	35
55	Alleviative effects of deep-seawater drinking water on hepatic lipid accumulation and oxidation induced by a high-fat diet. <i>Journal of the Chinese Medical Association</i> , 2013 , 76, 95-101	2.8	19
54	Beneficial effects of noni (<i>Morinda citrifolia</i> L.) juice on livers of high-fat dietary hamsters. <i>Food Chemistry</i> , 2013 , 140, 31-8	8.5	48
53	<i>Antrodia camphorata</i> ameliorates high-fat-diet induced hepatic steatosis via improving lipid metabolism and antioxidative status. <i>Journal of Functional Foods</i> , 2013 , 5, 1317-1325	5.1	15
52	Suppressive effect of carotenoid extract of <i>Dunaliella salina</i> alga on production of LPS-stimulated pro-inflammatory mediators in RAW264.7 cells via NF- κ B and JNK inactivation. <i>Journal of Functional Foods</i> , 2013 , 5, 607-615	5.1	48
51	Inhibitory effects of litchi (<i>Litchi chinensis</i> Sonn.) flower-water extracts on lipase activity and diet-induced obesity. <i>Journal of Functional Foods</i> , 2013 , 5, 923-929	5.1	53
50	Antioxidative and anti-inflammatory effects of polyphenol-rich litchi (<i>Litchi chinensis</i> Sonn.)-flower-water-extract on livers of high-fat-diet fed hamsters. <i>Journal of Functional Foods</i> , 2013 , 5, 44-52	5.1	40
49	Hepatoprotection of noni juice against chronic alcohol consumption: lipid homeostasis, antioxidation, alcohol clearance, and anti-inflammation. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 11016-24	5.7	36
48	Hypolipidemic and antioxidative effects of noni (<i>Morinda citrifolia</i> L.) juice on high-fat/cholesterol-dietary hamsters. <i>Plant Foods for Human Nutrition</i> , 2012 , 67, 294-302	3.9	25
47	Protective effects of taurine against alloxan-induced diabetic cataracts and refraction changes in New Zealand White rabbits. <i>Experimental Eye Research</i> , 2012 , 103, 71-7	3.7	10
46	Antioxidant, anti-proliferative and cyclooxygenase-2 inhibitory activities of ethanolic extracts from lemon balm (<i>Melissa officinalis</i> L.) leaves. <i>LWT - Food Science and Technology</i> , 2012 , 49, 1-7	5.4	40

45	Antioxidant effect and active components of litchi (<i>Litchi chinensis</i> Sonn.) flower. <i>Food and Chemical Toxicology</i> , 2012 , 50, 3056-61	4.7	25
44	Effects of taurine on hepatic lipid metabolism and anti-inflammation in chronic alcohol-fed rats. <i>Food Chemistry</i> , 2012 , 135, 24-30	8.5	16
43	Polyphenol-rich longan (<i>Dimocarpus longan</i> Lour.)-flower-water-extract attenuates nonalcoholic fatty liver via decreasing lipid peroxidation and downregulating matrix metalloproteinases-2 and -9. <i>Food Research International</i> , 2012 , 45, 444-449	7	14
42	The influence of sorafenib on hepatic encephalopathy and the mechanistic survey in cirrhotic rats. <i>European Journal of Clinical Investigation</i> , 2012 , 42, 1309-16	4.6	10
41	Curcumin protects against thioacetamide-induced hepatic fibrosis by attenuating the inflammatory response and inducing apoptosis of damaged hepatocytes. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 1352-66	6.3	70
40	Hepatoprotection of silymarin against thioacetamide-induced chronic liver fibrosis. <i>Journal of the Science of Food and Agriculture</i> , 2012 , 92, 1441-7	4.3	80
39	EFFECTS OF DEEP-SEA WATER ON CARDIAC ABNORMALITY IN HIGH-CHOLESTEROL DIETARY MICE. <i>Journal of Food Biochemistry</i> , 2012 , 36, 1-11	3.3	5
38	EFFECT OF SILYMARIN ON LIPID AND ALCOHOL METABOLISM IN MICE FOLLOWING LONG-TERM ALCOHOL CONSUMPTION. <i>Journal of Food Biochemistry</i> , 2012 , 36, 369-377	3.3	11
37	Caffeate derivatives induce apoptosis in COLO 205 human colorectal carcinoma cells through Fas- and mitochondria-mediated pathways. <i>Food Chemistry</i> , 2012 , 131, 1460-1465	8.5	12
36	Regulation of virus-induced inflammatory response by β -carotene in RAW264.7 cells. <i>Food Chemistry</i> , 2012 , 134, 2169-75	8.5	36
35	Hypoxia regulates cell proliferation and steroidogenesis through protein kinase A signaling in bovine corpus luteum. <i>Animal Reproduction Science</i> , 2011 , 129, 152-61	2.1	30
34	Taurine ameliorates alcoholic steatohepatitis via enhancing self-antioxidant capacity and alcohol metabolism. <i>Food Research International</i> , 2011 , 44, 3105-3110	7	27
33	Effects of polyphenolic compounds on tumor necrosis factor- α -induced changes of adipokines and oxidative stress in 3T3-L1 adipocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 546-51	5.7	62
32	EFFECTS OF DEEP-SEAWATER ON BLOOD LIPIDS AND PRESSURE IN HIGH-CHOLESTEROL DIETARY MICE. <i>Journal of Food Biochemistry</i> , 2011 , 35, 241-259	3.3	9
31	Cardiovascular protection of deep-seawater drinking water in high-fat/cholesterol fed hamsters. <i>Food Chemistry</i> , 2011 , 127, 1146-52	8.5	21
30	Preventive effects of taurine on development of hepatic steatosis induced by a high-fat/cholesterol dietary habit. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 450-7	5.7	83
29	Effects of <i>Antrodia camphorata</i> on alcohol clearance and antifibrosis in livers of rats continuously fed alcohol. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 4248-54	5.7	30
28	Significantly elevated concentration of plasma monocyte chemotactic protein 1 of patients with pelvic inflammatory disease. <i>Reproductive Sciences</i> , 2010 , 17, 549-55	3	7

27	Fruiting body of Niuchangchih (<i>Antrodia camphorata</i>) protects livers against chronic alcohol consumption damage. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 3859-66	5.7	54
26	Color improvement by titanium dioxide and its effect on gelation and texture of proteins recovered from whole fish using isoelectric solubilization/precipitation. <i>LWT - Food Science and Technology</i> , 2010 , 43, 401-408	5.4	29
25	Relationship of insulin-like growth factors system gene polymorphisms with the susceptibility and pathological development of hepatocellular carcinoma. <i>Annals of Surgical Oncology</i> , 2010 , 17, 1808-15	3.1	54
24	Evaluation of the association of urokinase plasminogen activator system gene polymorphisms with susceptibility and pathological development of hepatocellular carcinoma. <i>Annals of Surgical Oncology</i> , 2010 , 17, 3394-401	3.1	25
23	Antiobesity and hypolipidemic effects of polyphenol-rich longan (<i>Dimocarpus longans</i> Lour.) flower water extract in hypercaloric-dietary rats. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 2020-7	5.7	66
22	Hypoxia inducible factor-1alpha gene polymorphism G1790A and its interaction with tobacco and alcohol consumptions increase susceptibility to hepatocellular carcinoma. <i>Journal of Surgical Oncology</i> , 2010 , 102, 163-9	2.8	42
21	Genetic polymorphism of CCR2-64I increased the susceptibility of hepatocellular carcinoma. <i>Journal of Surgical Oncology</i> , 2010 , 102, 264-70	2.8	23
20	Protective effects of taurine against hepatic abnormality in NZB/W F1 mice fed a hypercholesterolemic diet. <i>Food Chemistry</i> , 2010 , 119, 62-68	8.5	9
19	Protective effect of a litchi (<i>Litchi chinensis</i> Sonn.)-flower-water-extract on cardiovascular health in a high-fat/cholesterol-dietary hamsters. <i>Food Chemistry</i> , 2010 , 119, 1457-1464	8.5	41
18	Taurine alleviates dyslipidemia and liver damage induced by a high-fat/cholesterol-dietary habit. <i>Food Chemistry</i> , 2010 , 120, 156-162	8.5	26
17	Elevated erythrocyte carbonic anhydrase activity is a novel clinical marker in hyperventilation syndrome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 441-5	5.9	6
16	Stromal cell-derived factor-1 but not its receptor, CXCR4, gene variants increase susceptibility and pathological development of hepatocellular carcinoma. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 412-8	5.9	35
15	Texture and colour properties of proteins recovered from whole gutted silver carp (<i>Hypophthalmichthys molitrix</i>) using isoelectric solubilisation/precipitation. <i>Journal of the Science of Food and Agriculture</i> , 2009 , 89, 349-358	4.3	55
14	Effects of dietary flaxseed oil on cholesterol metabolism of hamsters. <i>Food Chemistry</i> , 2009 , 114, 1450-1455	4.5	70
13	Compositional characteristics of materials recovered from whole gutted silver carp (<i>Hypophthalmichthys molitrix</i>) using isoelectric solubilization/precipitation. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 4259-66	5.7	55
12	Functional properties of proteins recovered from silver carp (<i>Hypophthalmichthys molitrix</i>) by isoelectric solubilization/precipitation. <i>LWT - Food Science and Technology</i> , 2009 , 42, 1082-1089	5.4	53
11	Effects of mulberry (<i>Morus alba</i> L.) extracts on lipid homeostasis in vitro and in vivo. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 7605-11	5.7	65
10	Flaxseed oil attenuates nonalcoholic fatty liver of hyperlipidemic hamsters. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 5078-83	5.7	28

9	Beneficial effects of treatment with cystamine on brain in NZB/W F1 mice. <i>European Journal of Pharmacology</i> , 2008 , 591, 307-14	5.3	20
8	Effects of dietary alpha-tocopheryl acetate on lipid oxidation and alpha-tocopherol content of novel omega-3-enhanced farmed rainbow trout (<i>Oncorhynchus mykiss</i>) fillets. <i>LWT - Food Science and Technology</i> , 2008 , 41, 244-253	5.4	23
7	Chemical changes in omega-3-enhanced farmed rainbow trout (<i>Oncorhynchus mykiss</i>) fillets during abusive-temperature storage. <i>Food Control</i> , 2008 , 19, 599-608	6.2	24
6	Treatment with taurine attenuates hepatic apoptosis in NZB/W F1 mice fed with a high-cholesterol diet. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 9685-91	5.7	17
5	Plasma interleukin-1beta, -6, -8 and tumor necrosis factor-alpha as highly informative markers of pelvic inflammatory disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 997-1003	5.9	18
4	Krill for human consumption: nutritional value and potential health benefits. <i>Nutrition Reviews</i> , 2007 , 65, 63-77	6.4	232
3	Protein recovery from rainbow trout (<i>Oncorhynchus mykiss</i>) processing byproducts via isoelectric solubilization/precipitation and its gelation properties as affected by functional additives. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 9079-88	5.7	132
2	Gelation of protein recovered from whole Antarctic krill (<i>Euphausia superba</i>) by isoelectric solubilization/precipitation as affected by functional additives. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 1814-22	5.7	77
1	Antimetastatic activities of <i>Selaginella tamariscina</i> (Beauv.) on lung cancer cells in vitro and in vivo. <i>Journal of Ethnopharmacology</i> , 2007 , 110, 483-9	5	71