

C-Y Oliver Chen

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.

71
papers

1,209
citations

21
h-index

33
g-index

77
ext. papers

1,508
ext. citations

3.7
avg. IF

4.61
L-index

#	Paper	IF	Citations
71	Effect of COVID-19 Pandemic-Induced Dietary and Lifestyle Changes and Their Associations with Perceived Health Status and Self-Reported Body Weight Changes in India: A Cross-Sectional Survey. <i>Nutrients</i> , 2021 , 13,	6.7	2
70	The Role of Oat Nutrients in the Immune System: A Narrative Review. <i>Nutrients</i> , 2021 , 13,	6.7	12
69	Tolerability and Safety of a Novel Ketogenic Ester, Bis-Hexanoyl (R)-1,3-Butanediol: A Randomized Controlled Trial in Healthy Adults. <i>Nutrients</i> , 2021 , 13,	6.7	3
68	Effects of daily almond consumption for six months on cognitive measures in healthy middle-aged to older adults: a randomized control trial. <i>Nutritional Neuroscience</i> , 2021 , 1-11	3.6	7
67	Association of beverage consumption types with weight, height, and body mass index in grade 3 children in northern Taiwan: A cross-sectional study. <i>Nutrition</i> , 2021 , 90, 111173	4.8	
66	The Effect of Multi-Vitamin/Multi-Mineral Supplementation on Nutritional Status in Older Adults Receiving Drug Therapies: A Double-Blind, Placebo-Controlled Trial. <i>Journal of Dietary Supplements</i> , 2020 , 1-14	2.3	0
65	Ubiquinol (Reduced Coenzyme Q10) and Cellular Oxygen Consumption in Patients Undergoing Coronary Artery Bypass Grafting. <i>Journal of Intensive Care Medicine</i> , 2020 , 35, 797-804	3.3	1
64	Fruits, vegetables, and health: A comprehensive narrative, umbrella review of the science and recommendations for enhanced public policy to improve intake. <i>Critical Reviews in Food Science and Nutrition</i> , 2020 , 60, 2174-2211	11.5	125
63	Lycopene Inhibits Smoke-Induced Chronic Obstructive Pulmonary Disease and Lung Carcinogenesis by Modulating Reverse Cholesterol Transport in Ferrets. <i>Cancer Prevention Research</i> , 2019 , 12, 421-432	3.2	13
62	Phenolic Acids 2019 , 357-382		2
61	Chronic consumption of a low calorie, high polyphenol cranberry beverage attenuates inflammation and improves glucoregulation and HDL cholesterol in healthy overweight humans: a randomized controlled trial. <i>European Journal of Nutrition</i> , 2019 , 58, 1223-1235	5.2	39
60	The effect of almonds on vitamin E status and cardiovascular risk factors in Korean adults: a randomized clinical trial. <i>European Journal of Nutrition</i> , 2018 , 57, 2069-2079	5.2	27
59	Identification of methylated metabolites of oat avenanthramides in human plasma using UHPLC QToF-MS. <i>International Journal of Food Sciences and Nutrition</i> , 2018 , 69, 377-383	3.7	6
58	Non-Provitamin A and Provitamin A Carotenoids as Immunomodulators: Recommended Dietary Allowance, Therapeutic Index, or Personalized Nutrition?. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4637861	6.7	68
57	Detrimental effects detected in exfoliated buccal cells from anesthesiology medical residents occupationally exposed to inhalation anesthetics: An observational study. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018 , 832-833, 61-64	3	8
56	Arthrospira (Spirulina) platensis extract improves oxidative stability and product quality of Chinese-style pork sausage. <i>Journal of Applied Phycology</i> , 2018 , 30, 1667-1677	3.2	3
55	Cranberries attenuate animal-based diet-induced changes in microbiota composition and functionality: a randomized crossover controlled feeding trial. <i>Journal of Nutritional Biochemistry</i> , 2018 , 62, 76-86	6.3	51

54	Gastrointestinal interactions, absorption, splanchnic metabolism and pharmacokinetics of orally ingested phenolic compounds. <i>Food and Function</i> , 2017 , 8, 15-38	6.1	93
53	Gigantol from <i>Dendrobium chrysotoxum</i> Lindl. binds and inhibits aldose reductase gene to exert its anti-cataract activity: An in vitro mechanistic study. <i>Journal of Ethnopharmacology</i> , 2017 , 198, 255-261	5	14
52	Photoprotection by pistachio bioactives in a 3-dimensional human skin equivalent tissue model. <i>International Journal of Food Sciences and Nutrition</i> , 2017 , 68, 712-718	3.7	7
51	Collagen peptides ameliorate intestinal epithelial barrier dysfunction in immunostimulatory Caco-2 cell monolayers via enhancing tight junctions. <i>Food and Function</i> , 2017 , 8, 1144-1151	6.1	36
50	Polysaccharides in <i>Spirulina platensis</i> Improve Antioxidant Capacity of Chinese-Style Sausage. <i>Journal of Food Science</i> , 2017 , 82, 2591-2597	3.4	23
49	Silkworm pupae oil exerts hypercholesterolemic and antioxidant effects in high-cholesterol diet-fed rats. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 2050-2056	4.3	12
48	CYP2D6 and CYP2A6 biotransform dietary tyrosol into hydroxytyrosol. <i>Food Chemistry</i> , 2017 , 217, 716-785		21
47	Almonds ameliorate glycemic control in Chinese patients with better controlled type 2 diabetes: a randomized, crossover, controlled feeding trial. <i>Nutrition and Metabolism</i> , 2017 , 14, 51	4.6	21
46	Orange Pomace Improves Postprandial Glycemic Responses: An Acute, Randomized, Placebo-Controlled, Double-Blind, Crossover Trial in Overweight Men. <i>Nutrients</i> , 2017 , 9,	6.7	13
45	Avocado Consumption Increases Macular Pigment Density in Older Adults: A Randomized, Controlled Trial. <i>Nutrients</i> , 2017 , 9,	6.7	34
44	Processing 'Ataulfo' Mango into Juice Preserves the Bioavailability and Antioxidant Capacity of Its Phenolic Compounds. <i>Nutrients</i> , 2017 , 9,	6.7	23
43	Yacon () Leaf Extract Attenuates Hyperglycemia and Skeletal Muscle Oxidative Stress and Inflammation in Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 6418048	2.3	5
42	Bioavailability and biodistribution of nanodelivered lutein. <i>Food Chemistry</i> , 2016 , 192, 915-23	8.5	50
41	Characterization of chemical, biological, and antiproliferative properties of fermented black carrot juice, shalgam. <i>European Food Research and Technology</i> , 2016 , 242, 1355-1368	3.4	31
40	Hyperglycemia and Anthocyanin Inhibit Quercetin Metabolism in HepG2 Cells. <i>Journal of Medicinal Food</i> , 2016 , 19, 141-7	2.8	2
39	Acute orange pomace consumption diminishes postprandial glycemic responses in healthy men. <i>FASEB Journal</i> , 2016 , 30, 419.3	0.9	
38	Collagen peptides derived from Alaska pollock skin protect against TNF α induced dysfunction of tight junctions in Caco-2 cells. <i>FASEB Journal</i> , 2016 , 30, 125.5	0.9	
37	Identification of methylated avenanthramides in human plasma. <i>FASEB Journal</i> , 2016 , 30, 690.1	0.9	3

36	Liquid chromatography with tandem mass spectrometry quantification of urinary proanthocyanin A2 dimer and its potential use as a biomarker of cranberry intake. <i>Journal of Separation Science</i> , 2016 , 39, 342-9	3.4	7
35	Investigation of synergistic mechanism and identification of interaction site of aldose reductase with the combination of gigantol and syringic acid for prevention of diabetic cataract. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 286	4.7	11
34	Enzymatic biotransformation of polyphenolics increases antioxidant activity of red and white grape pomace. <i>Food Research International</i> , 2016 , 89, 533-539	7	59
33	Anti-osmotic and antioxidant activities of gigantol from <i>Dendrobium aurantiacum</i> var. <i>denneanum</i> against cataractogenesis in galactosemic rats. <i>Journal of Ethnopharmacology</i> , 2015 , 172, 238-46	5	21
32	The application of nanoencapsulation to enhance the bioavailability and distribution of polyphenols 2015 , 158-174		4
31	Effect of almond consumption on vascular function in patients with coronary artery disease: a randomized, controlled, cross-over trial. <i>Nutrition Journal</i> , 2015 , 14, 61	4.3	51
30	Diet- and Genetically-Induced Obesity Differentially Affect the Fecal Microbiome and Metabolome in Apc1638N Mice. <i>PLoS ONE</i> , 2015 , 10, e0135758	3.7	29
29	Synthesis and Biological Evaluation of Novel Gigantol Derivatives as Potential Agents in Prevention of Diabetic Cataract. <i>PLoS ONE</i> , 2015 , 10, e0141092	3.7	12
28	Phytochemical composition and antioxidant capacity of whole wheat products. <i>International Journal of Food Sciences and Nutrition</i> , 2015 , 66, 63-70	3.7	14
27	The effect of almond consumption on elements of endurance exercise performance in trained athletes. <i>Journal of the International Society of Sports Nutrition</i> , 2014 , 11, 18	4.5	9
26	Dietary modulators of statin efficacy in cardiovascular disease and cognition. <i>Molecular Aspects of Medicine</i> , 2014 , 38, 1-53	16.7	9
25	Bioavailability of plant pigment phytochemicals in <i>Angelica keiskei</i> in older adults: A pilot absorption kinetic study. <i>Nutrition Research and Practice</i> , 2014 , 8, 550-7	2.1	7
24	Glucose and cyanidin-3-glucose interrupt quercetin metabolism in HepG2 cells. <i>FASEB Journal</i> , 2013 , 27, 636.19	0.9	
23	Effects of polyphenolic-rich dark chocolate/cocoa and almonds on established and emerging cardiovascular risk factors: study design. <i>FASEB Journal</i> , 2013 , 27, 1078.13	0.9	1
22	Fiber decreases the antioxidant capacity of phenolic acids in an alkaline milieu in vitro. <i>FASEB Journal</i> , 2013 , 27, 862.25	0.9	1
21	Hepatic biotransformation of alkylresorcinols is mediated via cytochrome P450 and oxidation.. <i>FASEB Journal</i> , 2013 , 27, 125.2	0.9	
20	A pilot study examining the application of plasma alkylresorcinols (AR) and urinary AR metabolites as biomarkers of compliance. <i>FASEB Journal</i> , 2013 , 27, 125.1	0.9	
19	Bleaching augments lipid peroxidation products in pistachio oil and its cytotoxicity. <i>European Journal of Lipid Science and Technology</i> , 2012 , 114, 1362-1372	3	2

18	Determination of antioxidant activity in foods and beverages by reaction with 2,2'-diphenyl-1-picrylhydrazyl (DPPH): collaborative study First Action 2012.04. <i>Journal of AOAC INTERNATIONAL</i> , 2012 , 95, 1562-9	1.7	27
17	Determination of cranberry proanthocyanidin A2 in human plasma and urine using LC-MS/MS. <i>FASEB Journal</i> , 2012 , 26, 124.8	0.9	4
16	Tocopherol absorption into a three-dimensional human skin tissue model. <i>FASEB Journal</i> , 2012 , 26, 1019.2	0.9	
15	Effects of whole grain phytochemicals on biomarkers of postprandial metabolic dysregulation in overweight/obese adults following an oral glucose challenge. <i>FASEB Journal</i> , 2012 , 26, 646.12	0.9	
14	Phenolics in mulberry leaves protect Hep G2 cells against hyperglycemia-induced oxidative damage. <i>FASEB Journal</i> , 2012 , 26, 263.1	0.9	
13	Bioavailability and pharmacokinetics of whole grain phytochemicals in overweight/obese adults. <i>FASEB Journal</i> , 2012 , 26, 646.13	0.9	
12	The fetal programming of dietary fructose and saturated fat on hepatic quercetin glucuronidation in rats. <i>FASEB Journal</i> , 2012 , 26, 124.1	0.9	
11	The photoprotective effects of almond phytonutrients in a three-dimensional human skin tissue model. <i>FASEB Journal</i> , 2012 , 26, 823.23	0.9	
10	Acute bioavailability and pharmacokinetics of avenanthramides (AV) from false malted oat bran high in endogenous AV. <i>FASEB Journal</i> , 2012 , 26, 1b300	0.9	1
9	Almonds decreased inflammation and oxidative stress in patients with type 2 diabetes. <i>FASEB Journal</i> , 2011 , 25, 107.5	0.9	
8	Pharmacokinetics of avenanthramides (AV) from AV-enriched malted oats in healthy older adults. <i>FASEB Journal</i> , 2011 , 25, 1b235	0.9	
7	Fructose and saturated fats predispose hyperinsulinemia in lean male rat offspring. <i>European Journal of Nutrition</i> , 2010 , 49, 337-43	5.2	13
6	Polyphenol content and antioxidant activity of California almonds depend on cultivar and harvest year. <i>Food Chemistry</i> , 2010 , 122, 819-825	8.5	83
5	The influence of roasting, pasteurisation, and storage on the polyphenol content and antioxidant capacity of California almond skins. <i>Food Chemistry</i> , 2010 , 123, 1040-1047	8.5	57
4	Total antioxidant capacity of grape and pomegranate juices in vitro is dependent upon assay dilution factor. <i>FASEB Journal</i> , 2010 , 24, 921.2	0.9	
3	Contribution of polyphenols to the total antioxidant capacity of pomegranate and grape juices. <i>FASEB Journal</i> , 2010 , 24, 321.2	0.9	
2	Age-related increases in microsomal quercetin glucuronidation in rat small intestine.. <i>FASEB Journal</i> , 2009 , 23, 750.1	0.9	
1	Phytochemical composition of nuts. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2008 , 17 Suppl 1, 329-32	1	23

