

# C-Y Oliver Chen

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5398399/c-y-oliver-chen-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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> , <b>2020</b> , 60, 2174-2211	11.5	125
70	Gastrointestinal interactions, absorption, splanchnic metabolism and pharmacokinetics of orally ingested phenolic compounds. <i>Food and Function</i> , <b>2017</b> , 8, 15-38	6.1	93
69	Polyphenol content and antioxidant activity of California almonds depend on cultivar and harvest year. <i>Food Chemistry</i> , <b>2010</b> , 122, 819-825	8.5	83
68	Non-Provitamin A and Provitamin A Carotenoids as Immunomodulators: Recommended Dietary Allowance, Therapeutic Index, or Personalized Nutrition?. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 4637861	6.7	68
67	Enzymatic biotransformation of polyphenolics increases antioxidant activity of red and white grape pomace. <i>Food Research International</i> , <b>2016</b> , 89, 533-539	7	59
66	The influence of roasting, pasteurisation, and storage on the polyphenol content and antioxidant capacity of California almond skins. <i>Food Chemistry</i> , <b>2010</b> , 123, 1040-1047	8.5	57
65	Effect of almond consumption on vascular function in patients with coronary artery disease: a randomized, controlled, cross-over trial. <i>Nutrition Journal</i> , <b>2015</b> , 14, 61	4.3	51
64	Cranberries attenuate animal-based diet-induced changes in microbiota composition and functionality: a randomized crossover controlled feeding trial. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 62, 76-86	6.3	51
63	Bioavailability and biodistribution of nanodelivered lutein. <i>Food Chemistry</i> , <b>2016</b> , 192, 915-23	8.5	50
62	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> , <b>2019</b> , 58, 1223-1235	5.2	39
61	Collagen peptides ameliorate intestinal epithelial barrier dysfunction in immunostimulatory Caco-2 cell monolayers via enhancing tight junctions. <i>Food and Function</i> , <b>2017</b> , 8, 1144-1151	6.1	36
60	Avocado Consumption Increases Macular Pigment Density in Older Adults: A Randomized, Controlled Trial. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	34
59	Characterization of chemical, biological, and antiproliferative properties of fermented black carrot juice, shalgam. <i>European Food Research and Technology</i> , <b>2016</b> , 242, 1355-1368	3.4	31
58	Diet- and Genetically-Induced Obesity Differentially Affect the Fecal Microbiome and Metabolome in Apc1638N Mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135758	3.7	29
57	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> , <b>2018</b> , 57, 2069-2079	5.2	27
56	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> , <b>2012</b> , 95, 1562-9	1.7	27
55	Polysaccharides in <i>Spirulina platensis</i> Improve Antioxidant Capacity of Chinese-Style Sausage. <i>Journal of Food Science</i> , <b>2017</b> , 82, 2591-2597	3.4	23

54	Processing 'Ataulfo' Mango into Juice Preserves the Bioavailability and Antioxidant Capacity of Its Phenolic Compounds. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	23
53	Phytochemical composition of nuts. <i>Asia Pacific Journal of Clinical Nutrition</i> , <b>2008</b> , 17 Suppl 1, 329-32	1	23
52	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> , <b>2015</b> , 172, 238-46	5	21
51	CYP2D6 and CYP2A6 biotransform dietary tyrosol into hydroxytyrosol. <i>Food Chemistry</i> , <b>2017</b> , 217, 716-785	5	21
50	Almonds ameliorate glycemic control in Chinese patients with better controlled type 2 diabetes: a randomized, crossover, controlled feeding trial. <i>Nutrition and Metabolism</i> , <b>2017</b> , 14, 51	4.6	21
49	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> , <b>2017</b> , 198, 255-261	5	14
48	Phytochemical composition and antioxidant capacity of whole wheat products. <i>International Journal of Food Sciences and Nutrition</i> , <b>2015</b> , 66, 63-70	3.7	14
47	Lycopene Inhibits Smoke-Induced Chronic Obstructive Pulmonary Disease and Lung Carcinogenesis by Modulating Reverse Cholesterol Transport in Ferrets. <i>Cancer Prevention Research</i> , <b>2019</b> , 12, 421-432	3.2	13
46	Orange Pomace Improves Postprandial Glycemic Responses: An Acute, Randomized, Placebo-Controlled, Double-Blind, Crossover Trial in Overweight Men. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	13
45	Fructose and saturated fats predispose hyperinsulinemia in lean male rat offspring. <i>European Journal of Nutrition</i> , <b>2010</b> , 49, 337-43	5.2	13
44	Silkworm pupae oil exerts hypercholesterolemic and antioxidant effects in high-cholesterol diet-fed rats. <i>Journal of the Science of Food and Agriculture</i> , <b>2017</b> , 97, 2050-2056	4.3	12
43	Synthesis and Biological Evaluation of Novel Gigantol Derivatives as Potential Agents in Prevention of Diabetic Cataract. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141092	3.7	12
42	The Role of Oat Nutrients in the Immune System: A Narrative Review. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	12
41	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> , <b>2016</b> , 16, 286	4.7	11
40	The effect of almond consumption on elements of endurance exercise performance in trained athletes. <i>Journal of the International Society of Sports Nutrition</i> , <b>2014</b> , 11, 18	4.5	9
39	Dietary modulators of statin efficacy in cardiovascular disease and cognition. <i>Molecular Aspects of Medicine</i> , <b>2014</b> , 38, 1-53	16.7	9
38	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> , <b>2018</b> , 832-833, 61-64	3	8
37	Photoprotection by pistachio bioactives in a 3-dimensional human skin equivalent tissue model. <i>International Journal of Food Sciences and Nutrition</i> , <b>2017</b> , 68, 712-718	3.7	7

36	Bioavailability of plant pigment phytochemicals in <i>Angelica keiskei</i> in older adults: A pilot absorption kinetic study. <i>Nutrition Research and Practice</i> , <b>2014</b> , 8, 550-7	2.1	7
35	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> , <b>2016</b> , 39, 342-9	3.4	7
34	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> , <b>2021</b> , 1-11	3.6	7
33	Identification of methylated metabolites of oat avenanthramides in human plasma using UHPLC QToF-MS. <i>International Journal of Food Sciences and Nutrition</i> , <b>2018</b> , 69, 377-383	3.7	6
32	Yacon () Leaf Extract Attenuates Hyperglycemia and Skeletal Muscle Oxidative Stress and Inflammation in Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2017</b> , 2017, 6418048	3.3	5
31	The application of nanoencapsulation to enhance the bioavailability and distribution of polyphenols <b>2015</b> , 158-174		4
30	Determination of cranberry proanthocyanidin A2 in human plasma and urine using LC-MS/MS. <i>FASEB Journal</i> , <b>2012</b> , 26, 124.8	0.9	4
29	Identification of methylated avenanthramides in human plasma. <i>FASEB Journal</i> , <b>2016</b> , 30, 690.1	0.9	3
28	Tolerability and Safety of a Novel Ketogenic Ester, Bis-Hexanoyl (R)-1,3-Butanediol: A Randomized Controlled Trial in Healthy Adults. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	3
27	Arthrospira ( <i>Spirulina</i> ) platensis extract improves oxidative stability and product quality of Chinese-style pork sausage. <i>Journal of Applied Phycology</i> , <b>2018</b> , 30, 1667-1677	3.2	3
26	Phenolic Acids <b>2019</b> , 357-382		2
25	Hyperglycemia and Anthocyanin Inhibit Quercetin Metabolism in HepG2 Cells. <i>Journal of Medicinal Food</i> , <b>2016</b> , 19, 141-7	2.8	2
24	Bleaching augments lipid peroxidation products in pistachio oil and its cytotoxicity. <i>European Journal of Lipid Science and Technology</i> , <b>2012</b> , 114, 1362-1372	3	2
23	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> , <b>2021</b> , 13,	6.7	2
22	Acute bioavailability and pharmacokinetics of avenanthramides (AV) from false malted bat bran high in endogenous AV. <i>FASEB Journal</i> , <b>2012</b> , 26, 1b300	0.9	1
21	Effects of polyphenolic-rich dark chocolate/cocoa and almonds on established and emerging cardiovascular risk factors: study design. <i>FASEB Journal</i> , <b>2013</b> , 27, 1078.13	0.9	1
20	Fiber decreases the antioxidant capacity of phenolic acids in an alkaline milieu in vitro. <i>FASEB Journal</i> , <b>2013</b> , 27, 862.25	0.9	1
19	Ubiquinol (Reduced Coenzyme Q10) and Cellular Oxygen Consumption in Patients Undergoing Coronary Artery Bypass Grafting. <i>Journal of Intensive Care Medicine</i> , <b>2020</b> , 35, 797-804	3.3	1

18	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> , <b>2020</b> , 1-14	2.3	0
17	Acute orange pomace consumption diminishes postprandial glycemic responses in healthy men. <i>FASEB Journal</i> , <b>2016</b> , 30, 419.3	0.9	
16	Collagen peptides derived from Alaska pollock skin protect against TNF $\alpha$ induced dysfunction of tight junctions in Caco-2 cells. <i>FASEB Journal</i> , <b>2016</b> , 30, 125.5	0.9	
15	Age-related increases in microsomal quercetin glucuronidation in rat small intestine.. <i>FASEB Journal</i> , <b>2009</b> , 23, 750.1	0.9	
14	Total antioxidant capacity of grape and pomegranate juices in vitro is dependent upon assay dilution factor. <i>FASEB Journal</i> , <b>2010</b> , 24, 921.2	0.9	
13	Contribution of polyphenols to the total antioxidant capacity of pomegranate and grape juices. <i>FASEB Journal</i> , <b>2010</b> , 24, 321.2	0.9	
12	Almonds decreased inflammation and oxidative stress in patients with type 2 diabetes. <i>FASEB Journal</i> , <b>2011</b> , 25, 107.5	0.9	
11	Pharmacokinetics of avenanthramides (AV) from AV-enriched malted oats in healthy older adults. <i>FASEB Journal</i> , <b>2011</b> , 25, lb235	0.9	
10	Tocopherol absorption into a three-dimensional human skin tissue model. <i>FASEB Journal</i> , <b>2012</b> , 26, 1019.2	0.9	
9	Effects of whole grain phytochemicals on biomarkers of postprandial metabolic dysregulation in overweight/obese adults following an oral glucose challenge. <i>FASEB Journal</i> , <b>2012</b> , 26, 646.12	0.9	
8	Phenolics in mulberry leaves protect Hep G2 cells against hyperglycemia-induced oxidative damage. <i>FASEB Journal</i> , <b>2012</b> , 26, 263.1	0.9	
7	Bioavailability and pharmacokinetics of whole grain phytochemicals in overweight/obese adults. <i>FASEB Journal</i> , <b>2012</b> , 26, 646.13	0.9	
6	The fetal programming of dietary fructose and saturated fat on hepatic quercetin glucuronidation in rats. <i>FASEB Journal</i> , <b>2012</b> , 26, 124.1	0.9	
5	The photoprotective effects of almond phytonutrients in a three-dimensional human skin tissue model. <i>FASEB Journal</i> , <b>2012</b> , 26, 823.23	0.9	
4	Glucose and cyanidin-3-glucose interrupt quercetin metabolism in HepG2 cells. <i>FASEB Journal</i> , <b>2013</b> , 27, 636.19	0.9	
3	Hepatic biotransformation of alkylresorcinols is mediated via cytochrome P450 and oxidation.. <i>FASEB Journal</i> , <b>2013</b> , 27, 125.2	0.9	
2	A pilot study examining the application of plasma alkylresorcinols (AR) and urinary AR metabolites as biomarkers of compliance. <i>FASEB Journal</i> , <b>2013</b> , 27, 125.1	0.9	
1	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> , <b>2021</b> , 90, 111173	4.8	

