

C-Y Oliver Chen

List of Publications by Citations

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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.

56
papers

1,966
citations

24
h-index

43
g-index

56
ext. papers

2,269
ext. citations

5.1
avg, IF

4.88
L-index

#	Paper	IF	Citations
56	Tree nut phytochemicals: composition, antioxidant capacity, bioactivity, impact factors. A systematic review of almonds, Brazils, cashews, hazelnuts, macadamias, pecans, pine nuts, pistachios and walnuts. <i>Nutrition Research Reviews</i> , 2011 , 24, 244-75	7	225
55	Avenanthramides are bioavailable and have antioxidant activity in humans after acute consumption of an enriched mixture from oats. <i>Journal of Nutrition</i> , 2007 , 137, 1375-82	4.1	136
54	Almond consumption improved glycemic control and lipid profiles in patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2011 , 60, 474-9	12.7	135
53	Flavonoids and phenolic acids from cranberry juice are bioavailable and bioactive in healthy older adults. <i>Food Chemistry</i> , 2015 , 168, 233-40	8.5	110
52	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
51	In vitro activity of almond skin polyphenols for scavenging free radicals and inducing quinone reductase. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 4427-34	5.7	74
50	Almond consumption reduces oxidative DNA damage and lipid peroxidation in male smokers. <i>Journal of Nutrition</i> , 2007 , 137, 2717-22	4.1	74
49	Chronic and acute effects of walnuts on antioxidant capacity and nutritional status in humans: a randomized, cross-over pilot study. <i>Nutrition Journal</i> , 2010 , 9, 21	4.3	60
48	The effect of almonds on inflammation and oxidative stress in Chinese patients with type 2 diabetes mellitus: a randomized crossover controlled feeding trial. <i>European Journal of Nutrition</i> , 2013 , 52, 927-35	5.2	59
47	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
46	Health benefits of almonds beyond cholesterol reduction. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 6694-702	5.7	53
45	Substituting whole grains for refined grains in a 6-wk randomized trial favorably affects energy-balance metrics in healthy men and postmenopausal women. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 589-599	7	52
44	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
43	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
42	Composition and stability of phytochemicals in five varieties of black soybeans (<i>Glycine max</i>). <i>Food Chemistry</i> , 2010 , 123, 1176-1184	8.5	43
41	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
40	Concord Grape Juice Polyphenols and Cardiovascular Risk Factors: Dose-Response Relationships. <i>Nutrients</i> , 2015 , 7, 10032-52	6.7	31

39	Characterisation, extraction efficiency, stability and antioxidant activity of phytonutrients in <i>Angelica keiskei</i> . <i>Food Chemistry</i> , 2009 , 115, 227-232	8.5	30
38	Effects of Dark Chocolate and Almonds on Cardiovascular Risk Factors in Overweight and Obese Individuals: A Randomized Controlled-Feeding Trial. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	28
37	A high antioxidant spice blend attenuates postprandial insulin and triglyceride responses and increases some plasma measures of antioxidant activity in healthy, overweight men. <i>Journal of Nutrition</i> , 2011 , 141, 1451-7	4.1	28
36	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
35	Quantification and bioaccessibility of california pistachio bioactives. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 1550-6	5.7	25
34	Assay dilution factors confound measures of total antioxidant capacity in polyphenol-rich juices. <i>Journal of Food Science</i> , 2012 , 77, H69-75	3.4	24
33	Antioxidant activity and metabolite profile of quercetin in vitamin-E-depleted rats. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 467-74	6.3	24
32	Processing TaulfoTMango into Juice Preserves the Bioavailability and Antioxidant Capacity of Its Phenolic Compounds. <i>Nutrients</i> , 2017 , 9,	6.7	23
31	Phytochemical composition of nuts. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2008 , 17 Suppl 1, 329-32	1	23
30	A fluorometric assay to determine antioxidant activity of both hydrophilic and lipophilic components in plant foods. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 219-26	6.3	22
29	Supplementation with lutein or lutein plus green tea extracts does not change oxidative stress in adequately nourished older adults. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 544-9	6.3	22
28	Ubiquinol is superior to ubiquinone to enhance Coenzyme Q10 status in older men. <i>Food and Function</i> , 2018 , 9, 5653-5659	6.1	22
27	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
26	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
25	Contributions of phenolics and added vitamin C to the antioxidant capacity of pomegranate and grape juices: synergism and antagonism among constituents. <i>International Journal of Food Science and Technology</i> , 2013 , 48, 2650	3.8	20
24	Differential antioxidant and quinone reductase inducing activity of American, Asian, and Siberian ginseng?. <i>Food Chemistry</i> , 2010 , 119, 445-451	8.5	20
23	Polyphenols in Almond Skins after Blanching Modulate Plasma Biomarkers of Oxidative Stress in Healthy Humans. <i>Antioxidants</i> , 2019 , 8,	7.1	18
22	Carotenoids and total phenolic contents in plant foods commonly consumed in Korea. <i>Nutrition Research and Practice</i> , 2012 , 6, 481-90	2.1	18

21	Comparison of plasma alkylresorcinols (AR) and urinary AR metabolites as biomarkers of compliance in a short-term, whole-grain intervention study. <i>European Journal of Nutrition</i> , 2016 , 55, 1235-44	5.2	17
20	The kinetic basis for age-associated changes in quercetin and genistein glucuronidation by rat liver microsomes. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 498-503	6.3	17
19	Hepatic biotransformation of alkylresorcinols is mediated via cytochrome P450 and oxidation: a proof of concept study. <i>Food Chemistry</i> , 2013 , 139, 925-30	8.5	16
18	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
17	A pilot study of the photoprotective effect of almond phytochemicals in a 3D human skin equivalent. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013 , 126, 17-25	6.7	14
16	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
15	Constituents in purple sweet potato leaves inhibit in vitro angiogenesis with opposite effects ex vivo. <i>Nutrition</i> , 2011 , 27, 1177-82	4.8	14
14	Microsomal quercetin glucuronidation in rat small intestine depends on age and segment. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 1406-14	4	14
13	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
12	Mulberry leaf phenolics ameliorate hyperglycemia-induced oxidative stress and stabilize mitochondrial membrane potential in HepG2 cells. <i>International Journal of Food Sciences and Nutrition</i> , 2014 , 65, 960-6	3.7	11
11	Extraction methods determine the antioxidant capacity and induction of quinone reductase by soy products in vitro. <i>Food Chemistry</i> , 2009 , 116, 351-355	8.5	11
10	Consumption of purple sweet potato leaves decreases lipid peroxidation and DNA damage in humans. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2008 , 17, 408-14	1	11
9	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
8	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
7	Fetal programming of dietary fructose and saturated fat on hepatic quercetin glucuronidation in rats. <i>Nutrition</i> , 2012 , 28, 1165-71	4.8	7
6	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
5	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
4	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

- 3 Yacon () Leaf Extract Attenuates Hyperglycemia and Skeletal Muscle Oxidative Stress and Inflammation in Diabetic Rats. *Evidence-based Complementary and Alternative Medicine*, **2017**, 2017, 6418048 5
- 2 Hyperglycemia and Anthocyanin Inhibit Quercetin Metabolism in HepG2 Cells. *Journal of Medicinal Food*, **2016**, 19, 141-7 2.8 2
- 1 Bleaching augments lipid peroxidation products in pistachio oil and its cytotoxicity. *European Journal of Lipid Science and Technology*, **2012**, 114, 1362-1372 3 2