

Yi-Fang Chu

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.

76
papers

3,012
citations

23
h-index

54
g-index

79
ext. papers

3,330
ext. citations

5.5
avg. IF

5.14
L-index

#	Paper	IF	Citations
76	Antioxidant and antiproliferative activities of common fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 7449-54	5.7	1050
75	Antioxidant and antiproliferative activities of common vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 6910-6	5.7	628
74	Coffee Constituents 2012 , 21-58		100
73	Crude caffeine reduces memory impairment and amyloid (1-42) levels in an Alzheimer's mouse model. <i>Food Chemistry</i> , 2012 , 135, 2095-102	8.5	86
72	Roasted coffees high in lipophilic antioxidants and chlorogenic acid lactones are more neuroprotective than green coffees. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 9801-8	5.7	73
71	Cranberries inhibit LDL oxidation and induce LDL receptor expression in hepatocytes. <i>Life Sciences</i> , 2005 , 77, 1892-901	6.8	66
70	Whole grain oats, more than just a fiber: Role of unique phytochemicals. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600715	5.9	62
69	In vitro total antioxidant capacity and anti-inflammatory activity of three common oat-derived avenanthramides. <i>Food Chemistry</i> , 2014 , 160, 338-45	8.5	62
68	In vitro antioxidant capacity and anti-inflammatory activity of seven common oats. <i>Food Chemistry</i> , 2013 , 139, 426-31	8.5	59
67	Systematic review of the effect of processing of whole-grain oat cereals on glycaemic response. <i>British Journal of Nutrition</i> , 2015 , 114, 1256-62	3.6	50
66	The role of meal viscosity and oat β -glucan characteristics in human appetite control: a randomized crossover trial. <i>Nutrition Journal</i> , 2014 , 13, 49	4.3	47
65	Acute effect of oatmeal on subjective measures of appetite and satiety compared to a ready-to-eat breakfast cereal: a randomized crossover trial. <i>Journal of the American College of Nutrition</i> , 2013 , 32, 272-9	3.5	45
64	Immobilization of bioluminescent <i>Escherichia coli</i> cells using natural and artificial fibers treated with polyethyleneimine. <i>Bioresource Technology</i> , 2009 , 100, 3167-74	11	43
63	Type 2 diabetes-related bioactivities of coffee: Assessment of antioxidant activity, NF- κ B inhibition, and stimulation of glucose uptake. <i>Food Chemistry</i> , 2011 , 124, 914-920	8.5	43
62	Avenanthramide supplementation attenuates exercise-induced inflammation in postmenopausal women. <i>Nutrition Journal</i> , 2014 , 13, 21	4.3	36
61	Coffee, but not caffeine, has positive effects on cognition and psychomotor behavior in aging. <i>Age</i> , 2013 , 35, 2183-92		35
60	Phospholipases A2 from <i>Callosellasma rhodostoma</i> venom gland cloning and sequencing of 10 of the cDNAs, three-dimensional modelling and chemical modification of the major isozyme. <i>FEBS Journal</i> , 2000 , 267, 6684-91		34

59	Avenanthramide supplementation attenuates eccentric exercise-inflicted blood inflammatory markers in women. <i>European Journal of Applied Physiology</i> , 2016 , 116, 67-76	3.4	32
58	The effects of whole-grain compared with refined wheat, rice, and rye on the postprandial blood glucose response: a systematic review and meta-analysis of randomized controlled trials. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 759-774	7	29
57	Oat avenanthramides induce heme oxygenase-1 expression via Nrf2-mediated signaling in HK-2 cells. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2471-9	5.9	28
56	Increasing oat βglucan viscosity in a breakfast meal slows gastric emptying and reduces glycaemic and insulinemic responses but has no effect on appetite, food intake, or plasma ghrelin and PYY responses in healthy humans: a randomized, placebo-controlled, crossover trial. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 319-326	7	28
55	Effect of adding oat bran to instant oatmeal on glycaemic response in humans - a study to establish the minimum effective dose of oat βglucan. <i>Food and Function</i> , 2018 , 9, 1692-1700	6.1	23
54	Bioactivities of crude caffeine: Antioxidant activity, cyclooxygenase-2 inhibition, and enhanced glucose uptake. <i>Food Chemistry</i> , 2012 , 131, 564-568	8.5	23
53	Thinking critically about whole-grain definitions: summary report of an interdisciplinary roundtable discussion at the 2015 Whole Grains Summit. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 1508-1514	7	22
52	Instant Oatmeal Increases Satiety and Reduces Energy Intake Compared to a Ready-to-Eat Oat-Based Breakfast Cereal: A Randomized Crossover Trial. <i>Journal of the American College of Nutrition</i> , 2016 , 35, 41-9	3.5	21
51	Oatmeal consumption is associated with better diet quality and lower body mass index in adults: the National Health and Nutrition Examination Survey (NHANES), 2001-2010. <i>Nutrition Research</i> , 2015 , 35, 1052-9	4	19
50	Oat consumption reduced intestinal fat deposition and improved health span in <i>Caenorhabditis elegans</i> model. <i>Nutrition Research</i> , 2015 , 35, 834-43	4	18
49	Supercritical CO2 decaffeination of unroasted coffee beans produces melanoidins with distinct NF-κB inhibitory activity. <i>Journal of Food Science</i> , 2011 , 76, H182-6	3.4	18
48	Novel low-density lipoprotein (LDL) oxidation model: antioxidant capacity for the inhibition of LDL oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 6818-23	5.7	15
47	In vitro measurements of luminal viscosity and glucose/maltose bioaccessibility for oat bran, instant oats, and steel cut oats. <i>Food Hydrocolloids</i> , 2017 , 70, 293-303	10.6	14
46	Effect of serving size and addition of sugar on the glycaemic response elicited by oatmeal: A randomized, cross-over study. <i>Clinical Nutrition ESPEN</i> , 2016 , 16, 48-54	1.3	13
45	The Role of Oat Nutrients in the Immune System: A Narrative Review. <i>Nutrients</i> , 2021 , 13,	6.7	12
44	Rapid quantitation of avenanthramides in oat-containing products by high-performance liquid chromatography coupled with triple quadrupole mass spectrometry (HPLC-TQMS). <i>Food Chemistry</i> , 2017 , 224, 280-288	8.5	11
43	Cost-effectiveness of Maintaining Daily Intake of Oat βGlucan for Coronary Heart Disease Primary Prevention. <i>Clinical Therapeutics</i> , 2017 , 39, 804-818.e3	3.5	10
42	Impact of oat processing on glycaemic and insulinaemic responses in healthy humans: a randomised clinical trial. <i>British Journal of Nutrition</i> , 2019 , 121, 1264-1270	3.6	9

41	Reformulating cereal bars: high resistant starch reduces in vitro digestibility but not in vivo glucose or insulin response; whey protein reduces glucose but disproportionately increases insulin. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 995-1003	7	9
40	Effects of three intense sweeteners on fat storage in the <i>C. elegans</i> model. <i>Chemico-Biological Interactions</i> , 2014 , 215, 1-6	5	9
39	Avenanthramide supplementation reduces eccentric exercise-induced inflammation in young men and women. <i>Journal of the International Society of Sports Nutrition</i> , 2020 , 17, 41	4.5	9
38	Oat β -Glucans: Physicochemistry and Nutritional Properties 2013 , 123-169		8
37	Gastric viscosity and sugar bioaccessibility of instant and steel cut oat/milk protein blends. <i>Food Hydrocolloids</i> , 2018 , 82, 424-433	10.6	8
36	The Bioavailability and Metabolism of Phenolics, a Class of Antioxidants Found in Grains. <i>Cereal Foods World</i> , 2014 , 59, 52-58	2	7
35	Association of whole-grain and dietary fiber intake with cardiometabolic risk in children and adolescents. <i>Nutrition and Health</i> , 2020 , 26, 243-251	2.1	6
34	Global review of whole grain definitions and health claims. <i>Nutrition Reviews</i> , 2020 , 78, 98-106	6.4	6
33	Glycaemic and insulinaemic impact of oats soaked overnight in milk vs. cream of rice with and without sugar, nuts, and seeds: a randomized, controlled trial. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 86-93	5.2	6
32	An Optimized, Slowly Digested Savory Cluster Reduced Postprandial Glucose and Insulin Responses in Healthy Human Subjects. <i>Current Developments in Nutrition</i> , 2019 , 3, nzz006	0.4	5
31	Flaking process increases the NF- κ B inhibition activity and melanoidin extractability of coffee. <i>Food Science and Nutrition</i> , 2013 , 1, 363-8	3.2	5
30	Emerging science on whole grain intake and inflammation. <i>Nutrition Reviews</i> , 2020 , 78, 21-28	6.4	5
29	Oatmeal-Containing Breakfast is Associated with Better Diet Quality and Higher Intake of Key Food Groups and Nutrients Compared to Other Breakfasts in Children. <i>Nutrients</i> , 2019 , 11,	6.7	4
28	Bioavailability of Coffee Chlorogenic Acids 2012 , 59-76		4
27	Coffee and Alzheimer's Disease: Animal and Cellular Evidence 2012 , 77-96		4
26	The Prebiotic Effects of Oats on Blood Lipids, Gut Microbiota, and Short-Chain Fatty Acids in Mildly Hypercholesterolemic Subjects Compared With Rice: A Randomized, Controlled Trial.. <i>Frontiers in Immunology</i> , 2021 , 12, 787797	8.4	4
25	Assessment of Intakes and Patterns of Cooked Oatmeal Consumption in the U.S. Using Data from the National Health and Nutrition Examination Surveys. <i>Nutrients</i> , 2016 , 8,	6.7	4
24	Coffee and Cancers 2012 , 197-209		3

23	Furan in Coffee 2012 , 307-318		3
22	Coffee and Parkinson's Disease 2012 , 111-122		3
21	Coffee and Liver Health 2012 , 123-139		3
20	A Snack Formulated with Ingredients to Slow Carbohydrate Digestion and Absorption Reduces the Glycemic Response in Humans: A Randomized Controlled Trial. <i>Journal of Medicinal Food</i> , 2020 , 23, 21-28 ^{2.8}		3
19	A Systematic Review and Meta-Analysis of Randomized Controlled Trials on the Effects of Oats and Oat Processing on Postprandial Blood Glucose and Insulin Responses. <i>Journal of Nutrition</i> , 2021 , 151, 341-351	4.1	3
18	Effect of processing on oat βglucan viscosity, postprandial glycemic response and subjective measures of appetite. <i>Food and Function</i> , 2021 , 12, 3672-3679	6.1	3
17	In vitro assessment of oat βglucans nutritional properties: An inter-laboratory methodology evaluation. <i>Carbohydrate Polymers</i> , 2018 , 200, 271-277	10.3	2
16	Acrylamide in Coffee 2012 , 259-273		2
15	Coffee and Alzheimer's Disease Epidemiologic Evidence 2012 , 97-110		2
14	Coffee and Type 2 Diabetes Risk 2012 , 141-179		2
13	Foreword: Overview of symposium on whole grains, dietary fiber, and public health. <i>Nutrition Reviews</i> , 2020 , 78, 1-5	6.4	2
12	An Oat βGlucan Beverage Reduces LDL Cholesterol and Cardiovascular Disease Risk in Men and Women with Borderline High Cholesterol: A Double-Blind, Randomized, Controlled Clinical Trial. <i>Journal of Nutrition</i> , 2021 , 151, 2655-2666	4.1	2
11	Coffee Consumption and Mortality Risk 2012 , 211-226		1
10	Impact of Coffee on Gastric Acid Secretion 2012 , 275-291		1
9	Additional Positive Impacts on Health 2012 , 233-241		1
8	Epidemiological Evidence for Maternal Prenatal Coffee and Caffeine Consumption and Miscarriage Risk 2012 , 243-258		1
7	Potential Mental Risks 2012 , 293-306		1
6	Coffee and Cardiovascular Diseases 2012 , 181-195		1

5	The effect of cereal β -glucan on body weight and adiposity: A review of efficacy and mechanism of action. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-13	11.5	1
4	Effect of Two Oat-based Cereals on Subjective Ratings of Appetite. <i>Current Topics in Nutraceutical Research</i> , 2018 , 16, 113-120	0.2	1
3	Is Coffee the Next Red Wine? Coffee Polyphenol and Cholesterol Efflux 2012 , 227-231		0
2	Food Science and Technology from Wiley-Blackwell 2012 , 325-326		
1	Decreasing the RAG:SAG ratio of granola cereal predictably reduces postprandial glucose and insulin responses: a report of four randomised trials in healthy adults.. <i>Journal of Nutritional Science</i> , 2022 , 11, e21	2.7	