

Indika Edirisinghe

List of Publications by Year in descending order

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68
papers

2,003
citations

257101

24
h-index

243296

44
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70
all docs

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docs citations

70
times ranked

3012
citing authors

#	ARTICLE	IF	CITATIONS
1	Fruit Polyphenols: A Review of Anti-inflammatory Effects in Humans. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 419-444.	5.4	206
2	Strawberry anthocyanin and its association with postprandial inflammation and insulin. <i>British Journal of Nutrition</i> , 2011, 106, 913-922.	1.2	187
3	Red Raspberries and Their Bioactive Polyphenols: Cardiometabolic and Neuronal Health Links. <i>Advances in Nutrition</i> , 2016, 7, 44-65.	2.9	141
4	Protective activity of processed tomato products on postprandial oxidation and inflammation: A clinical trial in healthy weight men and women. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 622-631.	1.5	98
5	Attenuation of Meal-Induced Inflammatory and Thrombotic Responses in Overweight Men and Women After 6-Week Daily Strawberry (<i>Fragaria</i>) Intake. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011, 18, 318-327.	0.9	94
6	Effect of Black Currant Anthocyanins on the Activation of Endothelial Nitric Oxide Synthase (eNOS) in Vitro in Human Endothelial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 8616-8624.	2.4	79
7	Effects of grape seed extract beverage on blood pressure and metabolic indices in individuals with pre-hypertension: a randomised, double-blinded, two-arm, parallel, placebo-controlled trial. <i>British Journal of Nutrition</i> , 2016, 115, 226-238.	1.2	73
8	An exploratory study of red raspberry (<i>Rubus idaeus</i> L.) (poly)phenols/metabolites in human biological samples. <i>Food and Function</i> , 2018, 9, 806-818.	2.1	72
9	Anti-diabetic actions of Berry polyphenols – Review on proposed mechanisms of action. <i>Journal of Berry Research</i> , 2016, 6, 237-250.	0.7	68
10	A dose-response evaluation of freeze-dried strawberries independent of fiber content on metabolic indices in abdominally obese individuals with insulin resistance in a randomized, single-blinded, diet-controlled crossover trial. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 1099-1109.	1.5	68
11	Characterization of Wild Blueberry Polyphenols Bioavailability and Kinetic Profile in Plasma over 24h Period in Human Subjects. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700405.	1.5	65
12	Mangos and their bioactive components: adding variety to the fruit plate for health. <i>Food and Function</i> , 2017, 8, 3010-3032.	2.1	63
13	Metabolic fate of strawberry polyphenols after chronic intake in healthy older adults. <i>Food and Function</i> , 2018, 9, 96-106.	2.1	57
14	A Selective Role of Dietary Anthocyanins and Flavan-3-ols in Reducing the Risk of Type 2 Diabetes Mellitus: A Review of Recent Evidence. <i>Nutrients</i> , 2019, 11, 841.	1.7	49
15	Effect of High-Pressure Processing and Milk on the Anthocyanin Composition and Antioxidant Capacity of Strawberry-Based Beverages. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5795-5802.	2.4	45
16	Pharmacokinetic Characterization and Bioavailability of Strawberry Anthocyanins Relative to Meal Intake. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4891-4899.	2.4	44
17	Black Beans, Fiber, and Antioxidant Capacity Pilot Study: Examination of Whole Foods vs. Functional Components on Postprandial Metabolic, Oxidative Stress, and Inflammation in Adults with Metabolic Syndrome. <i>Nutrients</i> , 2015, 7, 6139-6154.	1.7	42
18	Cigarette smoke-mediated oxidative stress, shear stress, and endothelial dysfunction: role of VEGFR2. <i>Annals of the New York Academy of Sciences</i> , 2010, 1203, 66-72.	1.8	41

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19	Avocado Fruit on Postprandial Markers of Cardio-Metabolic Risk: A Randomized Controlled Dose Response Trial in Overweight and Obese Men and Women. <i>Nutrients</i> , 2018, 10, 1287.	1.7	37
20	A pilot study to investigate bioavailability of strawberry anthocyanins and characterize postprandial plasma polyphenols absorption patterns by Q-TOF LC/MS in humans. <i>Journal of Berry Research</i> , 2013, 3, 113-126.	0.7	36
21	Maximizing the health effects of strawberry anthocyanins: understanding the influence of the consumption timing variable. <i>Food and Function</i> , 2016, 7, 4745-4752.	2.1	36
22	Attenuation of Postmeal Metabolic Indices with Red Raspberries in Individuals at Risk for Diabetes: A Randomized Controlled Trial. <i>Obesity</i> , 2019, 27, 542-550.	1.5	36
23	Assessing beans as a source of intrinsic fiber on satiety in men and women with metabolic syndrome. <i>Appetite</i> , 2017, 118, 75-81.	1.8	30
24	Blueberry phenolics are associated with cognitive enhancement in supplemented healthy older adults. <i>Food and Function</i> , 2021, 12, 107-118.	2.1	27
25	Functional Deficits in Gut Microbiome of Young and Middle-Aged Adults with Prediabetes Apparent in Metabolizing Bioactive (Poly)phenols. <i>Nutrients</i> , 2020, 12, 3595.	1.7	25
26	Improved metabolic function and cognitive performance in middle-aged adults following a single dose of wild blueberry. <i>European Journal of Nutrition</i> , 2021, 60, 1521-1536.	1.8	25
27	Effects of Consuming Almonds on Insulin Sensitivity and Other Cardiometabolic Health Markers in Adults With Prediabetes. <i>Journal of the American College of Nutrition</i> , 2020, 39, 397-406.	1.1	21
28	The effect of dietary factors on strawberry anthocyanins oral bioavailability. <i>Food and Function</i> , 2017, 8, 3970-3979.	2.1	19
29	Ratios of soluble and insoluble dietary fibers on satiety and energy intake in overweight pre- and postmenopausal women. <i>Nutrition and Healthy Aging</i> , 2017, 4, 157-168.	0.5	19
30	Red Raspberry and Fructo-Oligosaccharide Supplementation, Metabolic Biomarkers, and the Gut Microbiota in Adults with Prediabetes: A Randomized Crossover Clinical Trial. <i>Journal of Nutrition</i> , 2022, 152, 1438-1449.	1.3	16
31	Low-Income Shoppers and Fruit and Vegetables. <i>Nutrition Today</i> , 2016, 51, 242-250.	0.6	13
32	Short-term effects of chewing gum on satiety and afternoon snack intake in healthy weight and obese women. <i>Physiology and Behavior</i> , 2016, 159, 64-71.	1.0	13
33	Using the Avocado to Test the Satiety Effects of a Fat-Fiber Combination in Place of Carbohydrate Energy in a Breakfast Meal in Overweight and Obese Men and Women: A Randomized Clinical Trial. <i>Nutrients</i> , 2019, 11, 952.	1.7	13
34	Plasma and Urinary (Poly)phenolic Profiles after 4-Week Red Raspberry (<i>Rubus idaeus</i> L.) Intake with or without Fructo-Oligosaccharide Supplementation. <i>Molecules</i> , 2020, 25, 4777.	1.7	13
35	Effect of grape seed extract on postprandial oxidative status and metabolic responses in men and women with the metabolic syndrome - randomized, cross-over, placebo-controlled study. <i>Functional Foods in Health and Disease</i> , 2012, 2, 508.	0.3	13
36	Pharmacokinetic Parameters of Watermelon (Rind, Flesh, and Seeds) Bioactive Components in Human Plasma: A Pilot Study to Investigate the Relationship to Endothelial Function. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7393-7403.	2.4	12

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37	Food prototype containing resistant starch type 4 on postprandial glycemic response in healthy adults. <i>Food and Function</i> , 2020, 11, 2231-2237.	2.1	12
38	Strawberry Consumption, Cardiometabolic Risk Factors, and Vascular Function: A Randomized Controlled Trial in Adults with Moderate Hypercholesterolemia. <i>Journal of Nutrition</i> , 2021, 151, 1517-1526.	1.3	12
39	Watermelon and l-Citrulline in Cardio-Metabolic Health: Review of the Evidence 2000â€“2020. <i>Current Atherosclerosis Reports</i> , 2021, 23, 81.	2.0	12
40	Comprehensive Characterization of Bile Acids in Human Biological Samples and Effect of 4-Week Strawberry Intake on Bile Acid Composition in Human Plasma. <i>Metabolites</i> , 2021, 11, 99.	1.3	7
41	Avocado Consumption for 12 Weeks and Cardiometabolic Risk Factors: A Randomized Controlled Trial in Adults with Overweight or Obesity and Insulin Resistance. <i>Journal of Nutrition</i> , 2022, 152, 1851-1861.	1.3	7
42	Age associated endothelial dysfunction: Role of oxidative stress, inflammation and Western Diet. <i>Nutrition and Aging (Amsterdam, Netherlands)</i> , 2014, 2, 197-211.	0.3	6
43	Enzyme-treated orange pomace alters acute glycemic response to orange juice. <i>Nutrition and Diabetes</i> , 2019, 9, 24.	1.5	5
44	Pharmacokinetic Evaluation of Red Raspberry (Poly)phenols from Two Doses and Association with Metabolic Indices in Adults with Prediabetes and Insulin Resistance. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 9238-9248.	2.4	5
45	A Lean Pork-Containing Breakfast Reduces Hunger and Glycemic Response Compared to a Refined Carbohydrate-Containing Breakfast in Adults with Prediabetes. <i>Journal of the American College of Nutrition</i> , 2018, 37, 293-301.	1.1	4
46	Pharmacokinetic Characterization of (Poly)phenolic Metabolites in Human Plasma and Urine after Acute and Short-Term Daily Consumption of Mango Pulp. <i>Molecules</i> , 2020, 25, 5522.	1.7	4
47	Strawberry extract attenuates oxidative stressâ€“induced impaired insulin signaling in vitro in Human Skeletal Muscle Cells. <i>FASEB Journal</i> , 2010, 24, .	0.2	4
48	Endothelial Function and Postprandial Glucose Control in Response to Test-Meals Containing Herbs and Spices in Adults With Overweight/Obesity. <i>Frontiers in Nutrition</i> , 2022, 9, 811433.	1.6	4
49	Assessing consumersâ€™ understanding of the term â€œNaturalâ€• on food labeling. <i>Journal of Food Science</i> , 2020, 85, 1891-1896.	1.5	3
50	Metabolic Fate of Blueberry Anthocyanins after Chronic Supplementation in Healthy Older Adults. <i>FASEB Journal</i> , 2017, 31, 646.20.	0.2	3
51	Processed tomato products and risk factors for cardiovascular disease. <i>Nutrition and Aging (Amsterdam, Netherlands)</i> , 2016, 3, 193-201.	0.3	2
52	Varying roles of glucoregulatory function measures in postprandial cognition following milk consumption. <i>European Journal of Nutrition</i> , 2021, 60, 1499-1510.	1.8	2
53	Addition of Orange Pomace Attenuates the Acute Glycemic Response to Orange Juice in Healthy Adults. <i>Journal of Nutrition</i> , 2021, 151, 1436-1442.	1.3	2
54	Strawberry extract attenuates glucose and free fatty acidâ€“mediated impaired insulin signaling in vitro in skeletal muscle cells. <i>FASEB Journal</i> , 2012, 26, 821.15.	0.2	2

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55	Effects of Daily Strawberry Intake (4 weeks) on Plasma Bile Acid Composition in Humans: A Randomized, Placebo-Controlled, Crossover Trial. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa055_038.	0.1	1
56	Microbiome, Pre-Diabetes and Polyphenol Metabolites: Insights and Interactions in Humans After 4-Week Dietary Intervention with Red Raspberries and Prebiotics. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa045_129.	0.1	0
57	Addition of Apple Pomace to 100% Apple Juice Delayed Time to Reach Maximal Glucose and Insulin Concentrations Compared to 100% Apple Juice and Whole Fruit in Healthy Adults. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa049_028.	0.1	0
58	Attenuation of Post-Meal Cardio-Metabolic Indices with Red Raspberries in Older Overweight/Obese Adults. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa040_091.	0.1	0
59	A Pilot Comparative Pharmacokinetic Study on Mango Polyphenols After Acute Intake of Fresh and Individual Quick Frozen Mango Pulp in Healthy Human Subjects. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa045_099.	0.1	0
60	Gut Microbiome Metagenomics in Lean and Obese Individuals with Prediabetes and After Dietary Supplementation with Red Raspberry Fruit and Fermentable Fibers. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa062_058.	0.1	0
61	Processing and matrix effects on the antioxidant capacity of fruit-based beverages. <i>FASEB Journal</i> , 2010, 24, lb248.	0.2	0
62	POSTPRANDIAL RESPONSE OF BEAN CONSUMPTION ON INFLAMMATION, OXIDATIVE STRESS, GLUCOSE, AND INSULIN IN ADULTS WITH METABOLIC SYNDROME. <i>FASEB Journal</i> , 2012, 26, 819.34.	0.2	0
63	Assessing beans as a source of intrinsic protein and fiber on satiety in men and women with the Metabolic Syndrome. <i>FASEB Journal</i> , 2012, 26, 639.11.	0.2	0
64	Grape seed extract attenuates oxidative stress induced by high fat/carbohydrate meal in metabolic syndrome patients. <i>FASEB Journal</i> , 2012, 26, 626.14.	0.2	0
65	Grape seed extract modifies insulin resistance induced by a high fat/carbohydrate meal in metabolic syndrome patients. <i>FASEB Journal</i> , 2012, 26, 387.6.	0.2	0
66	Short term effects of chewing gum on satiety and snack intake in healthy weight and obese women. <i>FASEB Journal</i> , 2012, 26, 40.8.	0.2	0
67	Effect of grape seed extract delivered in a beverage on blood pressure in individuals with pre-hypertension. <i>FASEB Journal</i> , 2013, 27, 359.4.	0.2	0
68	Assessing issue awareness and messaging on purchasing behavior of fresh fruits and vegetables in low-income populations. <i>FASEB Journal</i> , 2013, 27, 1065.21.	0.2	0