

Brenda Davy

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.

91
papers

2,661
citations

27
h-index

48
g-index

96
ext. papers

3,122
ext. citations

4
avg, IF

5.09
L-index

#	Paper	IF	Citations
91	A systematic literature review and meta-analysis: The Theory of Planned Behavior® application to understand and predict nutrition-related behaviors in youth. <i>Eating Behaviors</i> , 2015 , 18, 160-78	3	180
90	Dietary biomarkers: advances, limitations and future directions. <i>Nutrition Journal</i> , 2012 , 11, 109	4.3	161
89	Development of a brief questionnaire to assess habitual beverage intake (BEVQ-15): sugar-sweetened beverages and total beverage energy intake. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2012 , 112, 840-9	3.9	153
88	Water consumption increases weight loss during a hypocaloric diet intervention in middle-aged and older adults. <i>Obesity</i> , 2010 , 18, 300-7	8	131
87	Health literacy is associated with healthy eating index scores and sugar-sweetened beverage intake: findings from the rural Lower Mississippi Delta. <i>Journal of the American Dietetic Association</i> , 2011 , 111, 1012-20		110
86	The beverage intake questionnaire: determining initial validity and reliability. <i>Journal of the American Dietetic Association</i> , 2010 , 110, 1227-32		100
85	Beverage consumption and adult weight management: A review. <i>Eating Behaviors</i> , 2009 , 10, 237-46	3	99
84	Probiotic supplementation and trimethylamine-N-oxide production following a high-fat diet. <i>Obesity</i> , 2015 , 23, 2357-63	8	79
83	Large artery stiffening with weight gain in humans: role of visceral fat accumulation. <i>Hypertension</i> , 2008 , 51, 1519-24	8.5	75
82	Exploring the theory of planned behavior to explain sugar-sweetened beverage consumption. <i>Journal of Nutrition Education and Behavior</i> , 2012 , 44, 172-7	2	68
81	Effects of a behavioral and health literacy intervention to reduce sugar-sweetened beverages: a randomized-controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016 , 13, 38	8.4	68
80	Water consumption reduces energy intake at a breakfast meal in obese older adults. <i>Journal of the American Dietetic Association</i> , 2008 , 108, 1236-9		63
79	Mechanisms by which cocoa flavanols improve metabolic syndrome and related disorders. <i>Journal of Nutritional Biochemistry</i> , 2016 , 35, 1-21	6.3	61
78	Short-term high-fat diet increases postprandial trimethylamine-N-oxide in humans. <i>Nutrition Research</i> , 2015 , 35, 858-864	4	58
77	Initiating and maintaining resistance training in older adults: a social cognitive theory-based approach. <i>British Journal of Sports Medicine</i> , 2009 , 43, 114-9	10.3	56
76	Pre-meal water consumption reduces meal energy intake in older but not younger subjects. <i>Obesity</i> , 2007 , 15, 93-9	8	56
75	Body weight status, dietary habits, and physical activity levels of middle school-aged children in rural Mississippi. <i>Southern Medical Journal</i> , 2004 , 97, 571-7	0.6	56

74	Habitual physical activity differentially affects acute and short-term energy intake regulation in young and older adults. <i>International Journal of Obesity</i> , 2007 , 31, 1277-85	5.5	49
73	Probiotic supplementation attenuates increases in body mass and fat mass during high-fat diet in healthy young adults. <i>Obesity</i> , 2015 , 23, 2364-70	8	48
72	Daily self-monitoring of body weight, step count, fruit/vegetable intake, and water consumption: a feasible and effective long-term weight loss maintenance approach. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2012 , 112, 685-692.e2	3.9	40
71	Sex differences in acute energy intake regulation. <i>Appetite</i> , 2007 , 49, 141-7	4.5	38
70	The Hydration Equation: Update on Water Balance and Cognitive Performance. <i>ACSM's Health and Fitness Journal</i> , 2013 , 17, 21-28	0.9	37
69	Association of HbA1c in fingerstick blood with added-sugar and sugar-sweetened beverage intake. <i>Journal of the American Dietetic Association</i> , 2011 , 111, 874-8		37
68	Does Exercise Alter Gut Microbial Composition? A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 160-167	1.2	33
67	Talking health, a pragmatic randomized-controlled health literacy trial targeting sugar-sweetened beverage consumption among adults: rationale, design & methods. <i>Contemporary Clinical Trials</i> , 2014 , 37, 43-57	2.3	32
66	Dietary quality changes in response to a sugar-sweetened beverage-reduction intervention: results from the Talking Health randomized controlled clinical trial. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 824-833	7	30
65	The potential for a carbon stable isotope biomarker of dietary sugar intake. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 795-816	3.7	29
64	Skeletal muscle autophagy and mitophagy in endurance-trained runners before and after a high-fat meal. <i>Molecular Metabolism</i> , 2017 , 6, 1597-1609	8.8	26
63	Beverage Choices of Adolescents and Their Parents Using the Theory of Planned Behavior: A Mixed Methods Analysis. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2016 , 116, 226-239.e1	3.9	25
62	A rapid beverage intake questionnaire can detect changes in beverage intake. <i>Eating Behaviors</i> , 2013 , 14, 90-4	3	25
61	Dietary intake modification in response to a participation in a resistance training program for sedentary older adults with prediabetes: findings from the Resist Diabetes study. <i>Eating Behaviors</i> , 2014 , 15, 379-82	3	24
60	The Healthy Beverage Index Is Associated with Reduced Cardiometabolic Risk in US Adults: A Preliminary Analysis. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2015 , 115, 1682-9.e2	3.9	23
59	The effect of prebiotic supplementation with inulin on cardiometabolic health: Rationale, design, and methods of a controlled feeding efficacy trial in adults at risk of type 2 diabetes. <i>Contemporary Clinical Trials</i> , 2015 , 45, 328-337	2.3	23
58	Inulin Supplementation Does Not Reduce Plasma Trimethylamine -Oxide Concentrations in Individuals at Risk for Type 2 Diabetes. <i>Nutrients</i> , 2018 , 10,	6.7	22
57	Early skeletal muscle adaptations to short-term high-fat diet in humans before changes in insulin sensitivity. <i>Obesity</i> , 2015 , 23, 720-4	8	21

56	New markers of dietary added sugar intake. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2016 , 19, 282-8	3.8	20
55	Beverage intake in low-income parent-child dyads. <i>Eating Behaviors</i> , 2011 , 12, 313-6	3	20
54	Evaluation of a novel biomarker of added sugar intake (U13C) compared with self-reported added sugar intake and the Healthy Eating Index-2010 in a community-based, rural U.S. sample. <i>Public Health Nutrition</i> , 2016 , 19, 429-36	3.3	20
53	The resist diabetes trial: Rationale, design, and methods of a hybrid efficacy/effectiveness intervention trial for resistance training maintenance to improve glucose homeostasis in older prediabetic adults. <i>Contemporary Clinical Trials</i> , 2014 , 37, 19-32	2.3	18
52	The comparative validity of interactive multimedia questionnaires to paper-administered questionnaires for beverage intake and physical activity: pilot study. <i>JMIR Research Protocols</i> , 2013 , 2, e40	2	18
51	Dietary Intake, Body Composition, and Menstrual Cycle Changes during Competition Preparation and Recovery in a Drug-Free Figure Competitor: A Case Study. <i>Nutrients</i> , 2016 , 8,	6.7	17
50	Group-based lifestyle sessions for gestational weight gain management: a mixed method approach. <i>American Journal of Health Behavior</i> , 2014 , 38, 560-9	1.9	16
49	DASH to wellness: emphasizing self-regulation through e-health in adults with prehypertension. <i>Health Psychology</i> , 2014 , 33, 249-54	5	16
48	Angiotensin II receptor blockade and insulin sensitivity in overweight and obese adults with elevated blood pressure. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2013 , 7, 11-20	3.4	16
47	Size and mineral composition of airborne particles generated by an ultrasonic humidifier. <i>Indoor Air</i> , 2018 , 28, 80-88	5.4	16
46	An evaluation of the readability of drinking water quality reports: a national assessment. <i>Journal of Water and Health</i> , 2015 , 13, 645-53	2.2	15
45	Changes in the Healthy Beverage Index in Response to an Intervention Targeting a Reduction in Sugar-Sweetened Beverage Consumption as Compared to an Intervention Targeting Improvements in Physical Activity: Results from the Talking Health Trial. <i>Nutrients</i> , 2015 , 7, 10168-78	6.7	15
44	Prediabetes Phenotype Influences Improvements in Glucose Homeostasis with Resistance Training. <i>PLoS ONE</i> , 2016 , 11, e0148009	3.7	15
43	Resistance exercise training and in vitro skeletal muscle oxidative capacity in older adults. <i>Physiological Reports</i> , 2016 , 4, e12849	2.6	15
42	A Dual-Carbon-and-Nitrogen Stable Isotope Ratio Model Is Not Superior to a Single-Carbon Stable Isotope Ratio Model for Predicting Added Sugar Intake in Southwest Virginian Adults. <i>Journal of Nutrition</i> , 2015 , 145, 1362-9	4.1	14
41	Using response variation to develop more effective, personalized behavioral medicine?: evidence from the Resist Diabetes study. <i>Translational Behavioral Medicine</i> , 2014 , 4, 333-8	3.2	13
40	Impact of individual and worksite environmental factors on water and sugar-sweetened beverage consumption among overweight employees. <i>Preventing Chronic Disease</i> , 2014 , 11, E71	3.7	13
39	Design and methods of "diaBEAT-it!": a hybrid preference/randomized control trial design using the RE-AIM framework. <i>Contemporary Clinical Trials</i> , 2014 , 38, 383-96	2.3	12

38	Characterization of Non-Nutritive Sweetener Intake in Rural Southwest Virginian Adults Living in a Health-Disparate Region. <i>Nutrients</i> , 2017 , 9,	6.7	12
37	The Informal Networks in Food Procurement by Older People—A Cross European Comparison. <i>Ageing International</i> , 2010 , 35, 253-275	0.8	12
36	Theory-based approach for maintaining resistance training in older adults with prediabetes: adherence, barriers, self-regulation strategies, treatment fidelity, costs. <i>Translational Behavioral Medicine</i> , 2015 , 5, 149-59	3.2	11
35	Resist diabetes: A randomized clinical trial for resistance training maintenance in adults with prediabetes. <i>PLoS ONE</i> , 2017 , 12, e0172610	3.7	11
34	Urinary Excretion of Sodium, Nitrogen, and Sugar Amounts Are Valid Biomarkers of Dietary Sodium, Protein, and High Sugar Intake in Nonobese Adolescents. <i>Journal of Nutrition</i> , 2017 , 147, 2364-2373	4.1	11
33	Influence of an intervention targeting a reduction in sugary beverage intake on the $\delta^{13}C$ sugar intake biomarker in a predominantly obese, health-disparate sample. <i>Public Health Nutrition</i> , 2017 , 20, 25-29	3.3	10
32	Is Beverage Consumption Related to Specific Dietary Pattern Intakes?. <i>Current Nutrition Reports</i> , 2015 , 4, 72-81	6	10
31	Serum endotoxin, gut permeability and skeletal muscle metabolic adaptations following a short term high fat diet in humans. <i>Metabolism: Clinical and Experimental</i> , 2020 , 103, 154041	12.7	10
30	Update of the BEVQ-15, a beverage intake questionnaire for habitual beverage intake for adults: determining comparative validity and reproducibility. <i>Journal of Human Nutrition and Dietetics</i> , 2020 , 33, 729-737	3.1	9
29	Developing a new treatment paradigm for disease prevention and healthy aging. <i>Translational Behavioral Medicine</i> , 2014 , 4, 117-23	3.2	9
28	Associations among chronic disease status, participation in federal nutrition programs, food insecurity, and sugar-sweetened beverage and water intake among residents of a health-disparate region. <i>Journal of Nutrition Education and Behavior</i> , 2015 , 47, 196-205	2	8
27	The $\delta^{13}C$ Value of Fingerstick Blood Is a Valid, Reliable, and Sensitive Biomarker of Sugar-Sweetened Beverage Intake in Children and Adolescents. <i>Journal of Nutrition</i> , 2018 , 148, 147-152	4.1	8
26	In Reply—A Discussion of the Refutation of Memory-Based Dietary Assessment Methods (M-BMs): The Rhetorical Defense of Pseudoscientific and Inadmissible Evidence. <i>Mayo Clinic Proceedings</i> , 2015 , 90, 1739-1740	6.4	8
25	Resistance training is associated with spontaneous changes in aerobic physical activity but not overall diet quality in adults with prediabetes. <i>Physiology and Behavior</i> , 2017 , 177, 49-56	3.5	7
24	Advances in Nutrition Science and Integrative Physiology: Insights From Controlled Feeding Studies. <i>Frontiers in Physiology</i> , 2019 , 10, 1341	4.6	7
23	Assessing clarity of message communication for mandated USEPA drinking water quality reports. <i>Journal of Water and Health</i> , 2016 , 14, 223-35	2.2	7
22	Prebiotic Inulin Supplementation and Peripheral Insulin Sensitivity in adults at Elevated Risk for Type 2 Diabetes: A Pilot Randomized Controlled Trial. <i>Nutrients</i> , 2021 , 13,	6.7	7
21	Psychosocial mediators of a theory-based resistance training maintenance intervention for prediabetic adults. <i>Psychology and Health</i> , 2016 , 31, 1108-24	2.9	6

20	Questionnaires for outcome expectancy, self-regulation, and behavioral expectation for resistance training among young-old adults: development and preliminary validity. <i>Journal of Aging and Physical Activity</i> , 2015 , 23, 279-85	1.6	6
19	Validation of a Rapid Method to Assess Habitual Beverage Intake Patterns. <i>Nutrients</i> , 2018 , 10,	6.7	5
18	Beginning a patient-centered approach in the design of a diabetes prevention program. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 2003-13	4.6	5
17	Comparison of assessment techniques: plasma lipid and lipoproteins related to the metabolic syndrome. <i>Lipids in Health and Disease</i> , 2006 , 5, 3	4.4	5
16	Short-term changes in added sugar consumption by adolescents reflected in the carbon isotope ratio of fingerstick blood. <i>Nutrition and Health</i> , 2018 , 24, 251-259	2.1	5
15	Is increased water consumption among older adults associated with improvements in glucose homeostasis?. <i>Open Journal of Preventive Medicine</i> , 2013 , 03, 363-367	0.3	4
14	The Validity of Urine Color as a Hydration Biomarker within the General Adult Population and Athletes: A Systematic Review. <i>Journal of the American College of Nutrition</i> , 2021 , 40, 172-179	3.5	4
13	Pre-meal inulin consumption does not affect acute energy intake in overweight and obese middle-aged and older adults: A randomized controlled crossover pilot trial. <i>Nutrition and Health</i> , 2017 , 23, 75-81	2.1	3
12	The Impact of Health Literacy Status on the Comparative Validity and Sensitivity of an Interactive Multimedia Beverage Intake Questionnaire. <i>Nutrients</i> , 2016 , 9,	6.7	3
11	Supporting maintenance of sugar-sweetened beverage reduction using automated versus live telephone support: findings from a randomized control trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 97	8.4	3
10	Postprandial skeletal muscle metabolism following a high-fat diet in sedentary and endurance-trained males. <i>Journal of Applied Physiology</i> , 2020 , 128, 872-883	3.7	2
9	Angiotensin II receptor blockade and skeletal muscle metabolism in overweight and obese adults with elevated blood pressure. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2015 , 9, 45-50	3.4	2
8	Current Knowledge Base of Beverage Health Impacts, Trends, and Intake Recommendations for Children and Adolescents: Implications for Public Health. <i>Current Nutrition Reports</i> , 2021 , 1	6	2
7	Adolescents perceive a low added sugar adequate fiber diet to be more satiating and equally palatable compared to a high added sugar low fiber diet in a randomized-crossover design controlled feeding pilot trial. <i>Eating Behaviors</i> , 2018 , 30, 9-15	3	1
6	Changes in Non-Nutritive Sweetener Consumption Patterns in Response to a Sugar-Sweetened Beverage Reduction Intervention. <i>Nutrients</i> , 2020 , 12,	6.7	1
5	Fasting and postprandial trimethylamine N-oxide in sedentary and endurance-trained males following a short-term high-fat diet. <i>Physiological Reports</i> , 2021 , 9, e14970	2.6	1
4	Adapting the "Resist Diabetes" Resistance Training Intervention for Veterans. <i>Translational Journal of the American College of Sports Medicine</i> , 2020 , 5, 39-50	1.1	
3	Postprandial Skeletal Muscle Metabolism Following a High Fat Diet in Sedentary and Endurance Trained Males. <i>FASEB Journal</i> , 2019 , 33, 795.1	0.9	

- 2 Fasting and Postprandial Trimethylamine N-oxide in Sedentary and Endurance Trained Males. *FASEB Journal*, **2019**, 33, 536.18 0.9
- 1 Resistance Training and Mitochondrial Metabolism. *FASEB Journal*, **2015**, 29, LB363 0.9