

Brenda Davy

List of Publications by Year in descending order

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95
papers

3,498
citations

147801

31
h-index

155660

55
g-index

96
all docs

96
docs citations

96
times ranked

4773
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.8	18
2	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.	1.7	4
3	Preliminary Assessment of the Healthy Beverage Index for US Children and Adolescents: A Tool to Quantify the Overall Beverage Intake Quality of 2- to 19-Year Olds. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2021, , .	0.8	1
4	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, 3235.	4.1	24
5	A Single-Carbon Stable Isotope Ratio Model Prediction Equation Can Estimate Self-Reported Added Sugars Intake in an Adult Population Living in Southwest Virginia. <i>Nutrients</i> , 2021, 13, 3842.	4.1	1
6	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.	4.3	2
7	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.	3.4	20
8	Changes in Non-Nutritive Sweetener Consumption Patterns in Response to a Sugar-Sweetened Beverage Reduction Intervention. <i>Nutrients</i> , 2020, 12, 3428.	4.1	6
9	Overfeeding and Substrate Availability, But Not Age or BMI, Alter Human Satellite Cell Function. <i>Nutrients</i> , 2020, 12, 2215.	4.1	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.	2.5	4
11	Adapting the "Resist Diabetes" Resistance Training Intervention for Veterans. <i>Translational Journal of the American College of Sports Medicine</i> , 2020, 5, 39-50.	0.6	1
12	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.	2.5	23
13	Advances in Nutrition Science and Integrative Physiology: Insights From Controlled Feeding Studies. <i>Frontiers in Physiology</i> , 2019, 10, 1341.	2.8	13
14	Does Exercise Alter Gut Microbial Composition? A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 160-167.	0.4	64
15	Postprandial Skeletal Muscle Metabolism Following a High Fat Diet in Sedentary and Endurance Trained Males. <i>FASEB Journal</i> , 2019, 33, 795.1.	0.5	0
16	Fasting and Postprandial Trimethylamine N -oxide in Sedentary and Endurance Trained Males. <i>FASEB Journal</i> , 2019, 33, 536.18.	0.5	0
17	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.	2.9	12
18	Size and mineral composition of airborne particles generated by an ultrasonic humidifier. <i>Indoor Air</i> , 2018, 28, 80-88.	4.3	26

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19	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.	4.6	6
20	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.	1.5	7
21	Validation of a Rapid Method to Assess Habitual Beverage Intake Patterns. <i>Nutrients</i> , 2018, 10, 83.	4.1	6
22	Inulin Supplementation Does Not Reduce Plasma Trimethylamine N-Oxide Concentrations in Individuals at Risk for Type 2 Diabetes. <i>Nutrients</i> , 2018, 10, 793.	4.1	28
23	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.	2.0	3
24	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.	4.7	38
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.	2.1	15
26	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.	1.5	6
27	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.	2.2	18
28	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.	2.9	15
29	Skeletal muscle autophagy and mitophagy in endurance-trained runners before and after a high-fat meal. <i>Molecular Metabolism</i> , 2017, 6, 1597-1609.	6.5	36
30	Characterization of Non-Nutritive Sweetener Intake in Rural Southwest Virginian Adults Living in a Health-Disparate Region. <i>Nutrients</i> , 2017, 9, 757.	4.1	13
31	Resist diabetes: A randomized clinical trial for resistance training maintenance in adults with prediabetes. <i>PLoS ONE</i> , 2017, 12, e0172610.	2.5	16
32	The Impact of Health Literacy Status on the Comparative Validity and Sensitivity of an Interactive Multimedia Beverage Intake Questionnaire. <i>Nutrients</i> , 2017, 9, 5.	4.1	17
33	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, 740.	4.1	31
34	Prediabetes Phenotype Influences Improvements in Glucose Homeostasis with Resistance Training. <i>PLoS ONE</i> , 2016, 11, e0148009.	2.5	19
35	Assessing clarity of message communication for mandated USEPA drinking water quality reports. <i>Journal of Water and Health</i> , 2016, 14, 223-235.	2.6	11
36	Resistance exercise training and <i>in vitro</i> skeletal muscle oxidative capacity in older adults. <i>Physiological Reports</i> , 2016, 4, e12849.	1.7	21

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37	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.	4.6	99
38	Evaluation of a novel biomarker of added sugar intake (>13 C) compared with self-reported added sugar intake and the Healthy Eating Index-2010 in a community-based, rural US sample. <i>Public Health Nutrition</i> , 2016, 19, 429-436.	2.2	21
39	Psychosocial mediators of a theory-based resistance training maintenance intervention for prediabetic adults. <i>Psychology and Health</i> , 2016, 31, 1108-1124.	2.2	10
40	New markers of dietary added sugar intake. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2016, 19, 282-288.	2.5	25
41	Mechanisms by which cocoa flavanols improve metabolic syndrome and related disorders. <i>Journal of Nutritional Biochemistry</i> , 2016, 35, 1-21.	4.2	74
42	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.	0.8	31
43	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.	3.0	9
44	An evaluation of the readability of drinking water quality reports: a national assessment. <i>Journal of Water and Health</i> , 2015, 13, 645-653.	2.6	22
45	Probiotic supplementation attenuates increases in body mass and fat mass during high-fat diet in healthy young adults. <i>Obesity</i> , 2015, 23, 2364-2370.	3.0	63
46	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, 279-285.	1.0	8
47	Probiotic supplementation and trimethylamine N-oxide production following a high-fat diet. <i>Obesity</i> , 2015, 23, 2357-2363.	3.0	98
48	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, 10168-10178.	4.1	23
49	The Validity of Self-reported Dietary Intake Data: Focus on the "What We Eat In America" Component of the National Health and Nutrition Examination Survey Research Initiative. <i>Mayo Clinic Proceedings</i> , 2015, 90, 845-847.	3.0	25
50	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.	2.1	2
51	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, 149-159.	2.4	13
52	Is Beverage Consumption Related to Specific Dietary Pattern Intakes?. <i>Current Nutrition Reports</i> , 2015, 4, 72-81.	4.3	14
53	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.e1.	0.7	9
54	A systematic literature review and meta-analysis: The Theory of Planned Behavior's application to understand and predict nutrition-related behaviors in youth. <i>Eating Behaviors</i> , 2015, 18, 160-178.	2.0	232

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55	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, 1682-1689.e2.	0.8	38
56	Short-term high-fat diet increases postprandial trimethylamine- N -oxide in humans. <i>Nutrition Research</i> , 2015, 35, 858-864.	2.9	77
57	Early skeletal muscle adaptations to short-term high-fat diet in humans before changes in insulin sensitivity. <i>Obesity</i> , 2015, 23, 720-724.	3.0	29
58	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.	1.8	35
59	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, 1362-1369.	2.9	19
60	Resistance Training and Mitochondrial Metabolism. <i>FASEB Journal</i> , 2015, 29, LB363.	0.5	0
61	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, 2003-2013.	2.6	8
62	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.	3.4	17
63	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, 379-382.	2.0	29
64	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.	1.8	38
65	Developing a new treatment paradigm for disease prevention and healthy aging. <i>Translational Behavioral Medicine</i> , 2014, 4, 117-123.	2.4	11
66	The potential for a carbon stable isotope biomarker of dietary sugar intake. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 795-816.	3.0	34
67	Design and methods of "ediaBEAT-it": A hybrid preference/randomized control trial design using the RE-AIM framework. <i>Contemporary Clinical Trials</i> , 2014, 38, 383-396.	1.8	17
68	Using response variation to develop more effective, personalized behavioral medicine?: evidence from the Resist Diabetes study. <i>Translational Behavioral Medicine</i> , 2014, 4, 333-338.	2.4	15
69	Group-Based Lifestyle Sessions for Gestational Weight Gain Management: A Mixed Method Approach. <i>American Journal of Health Behavior</i> , 2014, 38, 560-569.	1.4	20
70	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.	1.8	19
71	Dash to wellness: Emphasizing self-regulation through e-health in adults with prehypertension.. <i>Health Psychology</i> , 2014, 33, 249-254.	1.6	24
72	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.	2.1	18

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73	A rapid beverage intake questionnaire can detect changes in beverage intake. <i>Eating Behaviors</i> , 2013, 14, 90-94.	2.0	31
74	The Hydration Equation. <i>ACSM's Health and Fitness Journal</i> , 2013, 17, 21-28.	0.6	54
75	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.	1.0	21
76	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	5
77	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.	0.8	54
78	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, 840-849.	0.8	204
79	Dietary biomarkers: advances, limitations and future directions. <i>Nutrition Journal</i> , 2012, 11, 109.	3.4	202
80	Exploring the Theory of Planned Behavior to Explain Sugar-sweetened Beverage Consumption. <i>Journal of Nutrition Education and Behavior</i> , 2012, 44, 172-177.	0.7	81
81	Beverage intake in low-income parent-child dyads. <i>Eating Behaviors</i> , 2011, 12, 313-316.	2.0	22
82	Association of $\delta^{13}C$ in Fingerstick Blood with Added-Sugar and Sugar-Sweetened Beverage Intake. <i>Journal of the American Dietetic Association</i> , 2011, 111, 874-878.	1.1	41
83	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, 1012-1020.	1.1	137
84	The Informal Networks in Food Procurement by Older People—A Cross European Comparison. <i>Ageing International</i> , 2010, 35, 253-275.	1.3	14
85	The Beverage Intake Questionnaire: Determining Initial Validity and Reliability. <i>Journal of the American Dietetic Association</i> , 2010, 110, 1227-1232.	1.1	137
86	Water Consumption Increases Weight Loss During a Hypocaloric Diet Intervention in Middle-aged and Older Adults. <i>Obesity</i> , 2010, 18, 300-307.	3.0	161
87	Beverage consumption and adult weight management: A review. <i>Eating Behaviors</i> , 2009, 10, 237-246.	2.0	116
88	Water Consumption Reduces Energy Intake at a Breakfast Meal in Obese Older Adults. <i>Journal of the American Dietetic Association</i> , 2008, 108, 1236-1239.	1.1	72
89	Initiating and maintaining resistance training in older adults: a social cognitive theory-based approach. <i>British Journal of Sports Medicine</i> , 2008, 43, 114-119.	6.7	70
90	Large Artery Stiffening With Weight Gain in Humans. <i>Hypertension</i> , 2008, 51, 1519-1524.	2.7	84

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91	Sex differences in acute energy intake regulation. <i>Appetite</i> , 2007, 49, 141-147.	3.7	41
92	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, 1277-1285.	3.4	55
93	Pre-meal Water Consumption Reduces Meal Energy Intake in Older but Not Younger Subjects. <i>Obesity</i> , 2007, 15, 93-99.	3.0	66
94	Comparison of assessment techniques: plasma lipid and lipoproteins related to the metabolic syndrome. <i>Lipids in Health and Disease</i> , 2006, 5, 3.	3.0	5
95	Body Weight Status, Dietary Habits, and Physical Activity Levels of Middle School-aged Children in Rural Mississippi. <i>Southern Medical Journal</i> , 2004, 97, 571-577.	0.7	71