

David J Baer

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

5,288
citations

147566

31
h-index

123241

61
g-index

80
all docs

80
docs citations

80
times ranked

6997
citing authors

#	ARTICLE	IF	CITATIONS
1	The US Department of Agriculture Automated Multiple-Pass Method reduces bias in the collection of energy intakes. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 324-332.	2.2	1,386
2	Dietary fatty acids affect plasma markers of inflammation in healthy men fed controlled diets: a randomized crossover study. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 969-973.	2.2	412
3	A controlled trial of reduced meal frequency without caloric restriction in healthy, normal-weight, middle-aged adults. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 981-988.	2.2	292
4	Phytosterols and their derivatives: Structural diversity, distribution, metabolism, analysis, and health-promoting uses. <i>Progress in Lipid Research</i> , 2018, 70, 35-61.	5.3	286
5	Comparison of self-reported dietary intakes from the Automated Self-Administered 24-h recall, 4-d food records, and food-frequency questionnaires against recovery biomarkers. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 80-93.	2.2	233
6	Effects of Ruminant trans Fatty Acids on Cardiovascular Disease and Cancer: A Comprehensive Review of Epidemiological, Clinical, and Mechanistic Studies. <i>Advances in Nutrition</i> , 2011, 2, 332-354.	2.9	216
7	Discrepancy between the Atwater factor predicted and empirically measured energy values of almonds in human diets. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 296-301.	2.2	165
8	Dietary Fiber Decreases the Metabolizable Energy Content and Nutrient Digestibility of Mixed Diets Fed to Humans. <i>Journal of Nutrition</i> , 1997, 127, 579-586.	1.3	148
9	Whey Protein but Not Soy Protein Supplementation Alters Body Weight and Composition in Free-Living Overweight and Obese Adults. <i>Journal of Nutrition</i> , 2011, 141, 1489-1494.	1.3	138
10	Black Tea Consumption Reduces Total and LDL Cholesterol in Mildly Hypercholesterolemic Adults. <i>Journal of Nutrition</i> , 2003, 133, 3298S-3302S.	1.3	127
11	Effects of almond and pistachio consumption on gut microbiota composition in a randomised cross-over human feeding study. <i>British Journal of Nutrition</i> , 2014, 111, 2146-2152.	1.2	120
12	Cranberry Juice Consumption Lowers Markers of Cardiometabolic Risk, Including Blood Pressure and Circulating C-Reactive Protein, Triglyceride, and Glucose Concentrations in Adults. <i>Journal of Nutrition</i> , 2015, 145, 1185-1193.	1.3	120
13	Dietary cis and trans monounsaturated and saturated FA and plasma lipids and lipoproteins in men. <i>Lipids</i> , 2002, 37, 123-131.	0.7	118
14	Walnut Consumption Alters the Gastrointestinal Microbiota, Microbially Derived Secondary Bile Acids, and Health Markers in Healthy Adults: A Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2018, 148, 861-867.	1.3	118
15	Effect of intermittent vs. daily calorie restriction on changes in weight and patient-reported outcomes in people with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 23, 33-39.	0.9	105
16	Measured energy value of pistachios in the human diet. <i>British Journal of Nutrition</i> , 2012, 107, 120-125.	1.2	91
17	Moderate alcohol consumption lowers risk factors for cardiovascular disease in postmenopausal women fed a controlled diet. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 593-599.	2.2	89
18	Almond Consumption and Processing Affects the Composition of the Gastrointestinal Microbiota of Healthy Adult Men and Women: A Randomized Controlled Trial. <i>Nutrients</i> , 2018, 10, 126.	1.7	86

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19	Vaccenic acid and trans fatty acid isomers from partially hydrogenated oil both adversely affect LDL cholesterol: a double-blind, randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1339-1346.	2.2	83
20	Walnuts Consumed by Healthy Adults Provide Less Available Energy than Predicted by the Atwater Factors. <i>Journal of Nutrition</i> , 2016, 146, 9-13.	1.3	80
21	Plant sterol esters lower plasma lipids and most carotenoids in mildly hypercholesterolemic adults. <i>Lipids</i> , 2002, 37, 33-42.	0.7	78
22	The Metabolizable Energy of Dietary Resistant Maltodextrin Is Variable and Alters Fecal Microbiota Composition in Adult Men. <i>Journal of Nutrition</i> , 2014, 144, 1023-1029.	1.3	61
23	Perspective: Design and Conduct of Human Nutrition Randomized Controlled Trials. <i>Advances in Nutrition</i> , 2021, 12, 4-20.	2.9	57
24	Blackberry Feeding Increases Fat Oxidation and Improves Insulin Sensitivity in Overweight and Obese Males. <i>Nutrients</i> , 2018, 10, 1048.	1.7	54
25	Progress and perspectives in plant sterol and plant stanol research. <i>Nutrition Reviews</i> , 2018, 76, 725-746.	2.6	54
26	Food processing and structure impact the metabolizable energy of almonds. <i>Food and Function</i> , 2016, 7, 4231-4238.	2.1	52
27	Stearic Acid Absorption and Its Metabolizable Energy Value Are Minimally Lower than Those of Other Fatty Acids in Healthy Men Fed Mixed Diets. <i>Journal of Nutrition</i> , 2003, 133, 4129-4134.	1.3	45
28	Understanding the Effect of Particle Size and Processing on Almond Lipid Bioaccessibility through Microstructural Analysis: From Mastication to Faecal Collection. <i>Nutrients</i> , 2018, 10, 213.	1.7	36
29	CYP7A1-rs3808607 and APOE isoform associate with LDL cholesterol lowering after plant sterol consumption in a randomized clinical trial. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 951-957.	2.2	34
30	The effect of obesity and repeated exposure on pharmacokinetic response to grape polyphenols in humans. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700043.	1.5	32
31	Metabolizable Energy from Cashew Nuts is Less than that Predicted by Atwater Factors. <i>Nutrients</i> , 2019, 11, 33.	1.7	32
32	Intermittent calorie restriction alters T cell subsets and metabolic markers in people with multiple sclerosis. <i>EBioMedicine</i> , 2022, 82, 104124.	2.7	29
33	Phytosterol Intake and Dietary Fat Reduction are Independent and Additive in their Ability to Reduce Plasma LDL Cholesterol. <i>Lipids</i> , 2009, 44, 273-281.	0.7	27
34	Fecal Bacteria as Biomarkers for Predicting Food Intake in Healthy Adults. <i>Journal of Nutrition</i> , 2021, 151, 423-433.	1.3	26
35	Lathosterol-to-cholesterol ratio in serum predicts cholesterol-lowering response to plant sterol consumption in a dual-center, randomized, single-blind placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 432-439.	2.2	23
36	Accuracy and precision of dual-energy X-ray absorptiometry for body composition measurements in rhesus monkeys*. <i>Journal of Medical Primatology</i> , 2001, 30, 94-99.	0.3	22

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37	Consumption of cashew nuts does not influence blood lipids or other markers of cardiovascular disease in humans: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 269-275.	2.2	20
38	An Anthocyanin-Rich Mixed-Berry Intervention May Improve Insulin Sensitivity in a Randomized Trial of Overweight and Obese Adults. <i>Nutrients</i> , 2019, 11, 2876.	1.7	20
39	Trans fatty acids and cholesterol levels: An evidence map of the available science. <i>Food and Chemical Toxicology</i> , 2016, 98, 269-281.	1.8	16
40	Measurement Error Affecting Web- and Paper-Based Dietary Assessment Instruments: Insights From the Multi-Cohort Eating and Activity Study for Understanding Reporting Error. <i>American Journal of Epidemiology</i> , 2022, 191, 1125-1139.	1.6	16
41	Effect of trans fatty acid isomers from ruminant sources on risk factors of cardiovascular disease: Study design and rationale. <i>Contemporary Clinical Trials</i> , 2011, 32, 569-576.	0.8	15
42	Effect of varying quantities of lean beef as part of a Mediterranean-style dietary pattern on lipids and lipoproteins: a randomized crossover controlled feeding trial. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1126-1136.	2.2	15
43	Common Genetic Variations Involved in the Inter-Individual Variability of Circulating Cholesterol Concentrations in Response to Diets: A Narrative Review of Recent Evidence. <i>Nutrients</i> , 2021, 13, 695.	1.7	13
44	Consumption of High-Oleic Soybean Oil Improves Lipid and Lipoprotein Profile in Humans Compared to a Palm Oil Blend: A Randomized Controlled Trial. <i>Lipids</i> , 2021, 56, 313-325.	0.7	12
45	High-dose administration of purified cyanidin-glucose or a blackberry extract causes improved mitochondrial function but reduced content in 3T3-L1 adipocytes. <i>Food Frontiers</i> , 2022, 3, 276-284.	3.7	12
46	Cholesterol ester transfer protein polymorphism <i>rs5882</i> is associated with triglyceride-lowering in response to plant sterol consumption. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 846-849.	0.9	10
47	Conducting dietary intervention trials in people with multiple sclerosis: Lessons learned and a path forward. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 37, 101478.	0.9	9
48	Energy Available from Corn Oil Is Not Different than that from Beef Tallow in High- or Low-Fiber Diets Fed to Humans. <i>Journal of Nutrition</i> , 1998, 128, 2374-2382.	1.3	8
49	Understanding the Extent and Sources of Variation in Gut Microbiota Studies; a Prerequisite for Establishing Associations with Disease. <i>Diversity</i> , 2010, 2, 1085-1096.	0.7	8
50	Targeting the Dietary Na:K Ratio—Considerations for Design of an Intervention Study to Impact Blood Pressure. <i>Advances in Nutrition</i> , 2021, , .	2.9	8
51	Gastrointestinal Microbial Changes Following Whole Grain Barley and Oat Consumption in Healthy Men and Women. <i>FASEB Journal</i> , 2016, 30, 406.1.	0.2	6
52	Whey protein decreases body weight and fat in supplemented overweight and obese adults. <i>FASEB Journal</i> , 2006, 20, A427.	0.2	5
53	Effects of low-to-moderate alcohol supplementation on urinary estrogen metabolites in postmenopausal women in a controlled feeding study. <i>Cancer Medicine</i> , 2017, 6, 2419-2423.	1.3	3
54	Applying Machine-Learning to Human Gastrointestinal Microbial Species to Predict Dietary Intake (P20-040-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz040.P20-040-19.	0.1	3

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55	Effect of cocoa and green tea consumption on gluco-regulatory biomarkers in insulin resistant men and women. FASEB Journal, 2007, 21, A1090.	0.2	3
56	Effect of a Mediterranean Diet with Varying Quantities of Lean Beef on non-HDL and HDL Lipid Particles: A Randomized Controlled Feeding Cross-Over Trial (OR36-05-19). Current Developments in Nutrition, 2019, 3, nzz035.OR36-05-19.	0.1	2
57	The Impact of Almond and Walnut Consumption on the Human Fecal Metabolome. Current Developments in Nutrition, 2021, 5, 1180.	0.1	2
58	Walnut Consumption Influences the Human Gut Microbiome. FASEB Journal, 2016, 30, 406.2.	0.2	2
59	Estimating Heterogeneous Treatment Effect on Multivariate Responses Using Random Forests. Statistics in Biosciences, 0, , 1.	0.6	1
60	A doseâ€response effect from cocoa consumption on biomarkers of oxidative stress and inflammation in adults at risk for insulin resistance. FASEB Journal, 2008, 22, 460.6.	0.2	1
61	Metabolizable energy value of resistant maltodextrin. FASEB Journal, 2009, 23, 541.4.	0.2	1
62	Pistachios reduce LDLâ€cholesterol when consumed as whole nuts as part of a controlled typical American diet in healthy normolipidemic individuals. FASEB Journal, 2011, 25, 971.35.	0.2	1
63	Intake of trans fatty acid isomers found in ruminant fat versus industrial sources differentially impact concentrations of fatty acids in erythrocytes (1025.17). FASEB Journal, 2014, 28, .	0.2	1
64	Effect of black tea consumption on plasma lipids, lipoproteins and markers of oxidative status in smokers. FASEB Journal, 2006, 20, A1016.	0.2	0
65	Effects of Green and Black Tea on Iron Uptake, Storage, and Availability for Free Radical Reactions. FASEB Journal, 2006, 20, A623.	0.2	0
66	Doseâ€dependent effect of soy protein intake on isoflavone and metabolite urinary excretion. FASEB Journal, 2007, 21, A371.	0.2	0
67	BodPod approximates corrected DEXA values more closely than BIA in overweight and obese adults. FASEB Journal, 2007, 21, A689.	0.2	0
68	Vitamin K kinetics in humans after consumption of 13 Câ€labeled phylloquinone from kale. FASEB Journal, 2008, 22, 1106.2.	0.2	0
69	Effect of oolong tea, oolong tea polyphenols and oolong tea catechins on gluco-regulatory control in overweight and obese men. FASEB Journal, 2009, 23, 563.18.	0.2	0
70	Effect of protein sources on glucose and insulin response in overweight and obese men. FASEB Journal, 2009, 23, 345.3.	0.2	0
71	Bioavailability of purple carrot anthocyanins is influenced by acylation but not plant matrix effects. FASEB Journal, 2009, 23, 729.6.	0.2	0
72	Effect of a controlledâ€diet supplemented with whey protein, soy protein, or carbohydrate on inflammationâ€related CVD risk factors. FASEB Journal, 2010, 24, 724.14.	0.2	0

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73	Macronutrient absorption from almonds: the measured energy value of almonds in the human diet. FASEB Journal, 2012, 26, 820.25.	0.2	0
74	Abstract 299: Low Calorie Cranberry Juice Lowers Blood Pressure in Healthy Adults. Hypertension, 2012, 60, .	1.3	0
75	Repeated dosing and BMI influence plasma polyphenol response in humans. FASEB Journal, 2013, 27, .	0.2	0
76	Lathosterol to cholesterol ratio in serum predicts cholesterol lowering response to plant sterol therapy in a dual center, randomized, single-blind placebo controlled trial.. FASEB Journal, 2013, 27, 1057.15.	0.2	0
77	Biochemical Profiling of Human Plasma and Urine From Cranberry Juice Consumption Identifies Potential Biomarkers of Consumption and Gut Flora Metabolites. FASEB Journal, 2015, 29, 249.2.	0.2	0
78	Impact of Almond Consumption on the Composition of the Gastrointestinal Microbiota of Healthy Adult Men and Women. FASEB Journal, 2016, 30, 406.5.	0.2	0
79	Dietary Fiber's Contribution to the Energy Needs of the Microbiota. FASEB Journal, 2017, 31, 654.5.	0.2	0
80	Seven Day Blackberry Feeding Lowers the Respiratory Quotient in Males And Improves Insulin Sensitivity. FASEB Journal, 2017, 31, 46.2.	0.2	0