

David J Baer

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.

73
papers

3,916
citations

28
h-index

62
g-index

80
ext. papers

4,682
ext. citations

3.7
avg, IF

5.31
L-index

#	Paper	IF	Citations
73	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, 324-32	7	1005
72	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, 969-73	7	359
71	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, 981-8	7	220
70	Phytosterols and their derivatives: Structural diversity, distribution, metabolism, analysis, and health-promoting uses. <i>Progress in Lipid Research</i> , 2018 , 70, 35-61	14.3	176
69	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, 332-54	10	176
68	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	7	126
67	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	7	125
66	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, 1489-94	4.1	123
65	Dietary fiber decreases the metabolizable energy content and nutrient digestibility of mixed diets fed to humans. <i>Journal of Nutrition</i> , 1997 , 127, 579-86	4.1	117
64	Black tea consumption reduces total and LDL cholesterol in mildly hypercholesterolemic adults. <i>Journal of Nutrition</i> , 2003 , 133, 3298S-3302S	4.1	110
63	Dietary cis and trans monounsaturated and saturated FA and plasma lipids and lipoproteins in men. <i>Lipids</i> , 2002 , 37, 123-31	1.6	100
62	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, 2146-52	3.6	88
61	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, 1185-93	4.1	87
60	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	4.1	85
59	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, 593-9	7	79
58	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). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
57	Measured energy value of pistachios in the human diet. <i>British Journal of Nutrition</i> , 2012 , 107, 120-5	3.6	70

56	Plant sterol esters lower plasma lipids and most carotenoids in mildly hypercholesterolemic adults. <i>Lipids</i> , 2002 , 37, 33-42	1.6	63
55	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, 1339-46	7	58
54	Walnuts Consumed by Healthy Adults Provide Less Available Energy than Predicted by the Atwater Factors. <i>Journal of Nutrition</i> , 2016 , 146, 9-13	4.1	58
53	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,	6.7	57
52	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	4	51
51	The metabolizable energy of dietary resistant maltodextrin is variable and alters fecal microbiota composition in adult men. <i>Journal of Nutrition</i> , 2014 , 144, 1023-9	4.1	51
50	Food processing and structure impact the metabolizable energy of almonds. <i>Food and Function</i> , 2016 , 7, 4231-4238	6.1	42
49	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, 4129-34	4.1	39
48	Blackberry Feeding Increases Fat Oxidation and Improves Insulin Sensitivity in Overweight and Obese Males. <i>Nutrients</i> , 2018 , 10,	6.7	37
47	Progress and perspectives in plant sterol and plant stanol research. <i>Nutrition Reviews</i> , 2018 , 76, 725-746	6.4	30
46	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	5.9	28
45	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, 951-7	7	25
44	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,	6.7	25
43	Phytosterol intake and dietary fat reduction are independent and additive in their ability to reduce plasma LDL cholesterol. <i>Lipids</i> , 2009 , 44, 273-81	1.6	23
42	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, 432-9	7	21
41	Metabolizable Energy from Cashew Nuts is Less than that Predicted by Atwater Factors. <i>Nutrients</i> , 2018 , 11,	6.7	19
40	Accuracy and precision of dual-energy X-ray absorptiometry for body composition measurements in rhesus monkeys. <i>Journal of Medical Primatology</i> , 2001 , 30, 94-9	0.7	19
39	Perspective: Design and Conduct of Human Nutrition Randomized Controlled Trials. <i>Advances in Nutrition</i> , 2021 , 12, 4-20	10	18

38	Trans fatty acids and cholesterol levels: An evidence map of the available science. <i>Food and Chemical Toxicology</i> , 2016 , 98, 269-281	4.7	15
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	7.5	14
36	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, 569-76	2.3	14
35	An Anthocyanin-Rich Mixed-Berry Intervention May Improve Insulin Sensitivity in a Randomized Trial of Overweight and Obese Adults. <i>Nutrients</i> , 2019 , 11,	6.7	13
34	Fecal Bacteria as Biomarkers for Predicting Food Intake in Healthy Adults. <i>Journal of Nutrition</i> , 2021 , 151, 423-433	4.1	11
33	Cholesterol ester transfer protein polymorphism rs5882 is associated with triglyceride-lowering in response to plant sterol consumption. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015 , 40, 846-9	3	10
32	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	2.5	8
31	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, 2374-82	4.1	7
30	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	1.6	5
29	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,	6.7	4
28	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	4.8	3
27	Effect of cocoa and green tea consumption on glucoregulatory biomarkers in insulin resistant men and women. <i>FASEB Journal</i> , 2007 , 21, A1090	0.9	3
26	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	4	3
25	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	7	3
24	Walnut Consumption Influences the Human Gut Microbiome. <i>FASEB Journal</i> , 2016 , 30, 406.2	0.9	2
23	Gastrointestinal Microbial Changes Following Whole Grain Barley and Oat Consumption in Healthy Men and Women. <i>FASEB Journal</i> , 2016 , 30, 406.1	0.9	2
22	Applying Machine-Learning to Human Gastrointestinal Microbial Species to Predict Dietary Intake (P20-040-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	1
21	Whey protein decreases body weight and fat in supplemented overweight and obese adults. <i>FASEB Journal</i> , 2006 , 20, A427	0.9	1

20	Metabolizable energy value of resistant maltodextrin. <i>FASEB Journal</i> , 2009 , 23, 541.4	0.9	1
19	Pistachios reduce LDL-cholesterol when consumed as whole nuts as part of a controlled typical American diet in healthy normolipidemic individuals. <i>FASEB Journal</i> , 2011 , 25, 971.35	0.9	1
18	The Impact of Almond and Walnut Consumption on the Human Fecal Metabolome. <i>Current Developments in Nutrition</i> , 2021 , 5, 1180-1180	0.4	1
17	A dose-response effect from cocoa consumption on biomarkers of oxidative stress and inflammation in adults at risk for insulin resistance. <i>FASEB Journal</i> , 2008 , 22, 460.6	0.9	0
16	Estimating Heterogeneous Treatment Effect on Multivariate Responses Using Random Forests. <i>Statistics in Biosciences</i> , 1	1.5	0
15	Effect of black tea consumption on plasma lipids, lipoproteins and markers of oxidative status in smokers. <i>FASEB Journal</i> , 2006 , 20, A1016	0.9	
14	Effects of Green and Black Tea on Iron Uptake, Storage, and Availability for Free Radical Reactions. <i>FASEB Journal</i> , 2006 , 20, A623	0.9	
13	Dose-dependent effect of soy protein intake on isoflavone and metabolite urinary excretion. <i>FASEB Journal</i> , 2007 , 21, A371	0.9	
12	BodPod approximates corrected DEXA values more closely than BIA in overweight and obese adults. <i>FASEB Journal</i> , 2007 , 21, A689	0.9	
11	Vitamin K kinetics in humans after consumption of 13C-labeled phyloquinone from kale. <i>FASEB Journal</i> , 2008 , 22, 1106.2	0.9	
10	Biochemical Profiling of Human Plasma and Urine From Cranberry Juice Consumption Identifies Potential Biomarkers of Consumption and Gut Flora Metabolites. <i>FASEB Journal</i> , 2015 , 29, 249.2	0.9	
9	Impact of Almond Consumption on the Composition of the Gastrointestinal Microbiota of Healthy Adult Men and Women. <i>FASEB Journal</i> , 2016 , 30, 406.5	0.9	
8	Dietary Fiber's Contribution to the Energy Needs of the Microbiota. <i>FASEB Journal</i> , 2017 , 31, 654.5	0.9	
7	Seven Day Blackberry Feeding Lowers the Respiratory Quotient in Males And Improves Insulin Sensitivity. <i>FASEB Journal</i> , 2017 , 31, 46.2	0.9	
6	Effect of oolong tea, oolong tea polyphenols and oolong tea catechins on glucoregulatory control in overweight and obese men. <i>FASEB Journal</i> , 2009 , 23, 563.18	0.9	
5	Effect of protein sources on glucose and insulin response in overweight and obese men. <i>FASEB Journal</i> , 2009 , 23, 345.3	0.9	
4	Bioavailability of purple carrot anthocyanins is influenced by acylation but not plant matrix effects. <i>FASEB Journal</i> , 2009 , 23, 729.6	0.9	
3	Effect of a controlled-diet supplemented with whey protein, soy protein, or carbohydrate on inflammation-related CVD risk factors. <i>FASEB Journal</i> , 2010 , 24, 724.14	0.9	

- 2 Macronutrient absorption from almonds: the measured energy value of almonds in the human diet. *FASEB Journal*, **2012**, 26, 820.25 0.9
- 1 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, 1057.75