

# David J Baer

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8834399/david-j-baer-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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 | 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> , <b>2021</b> , 113, 1126-1136    | 7    | 3         |
| 72 | The Impact of Almond and Walnut Consumption on the Human Fecal Metabolome. <i>Current Developments in Nutrition</i> , <b>2021</b> , 5, 1180-1180  | 0.4  | 1         |
| 71 | Fecal Bacteria as Biomarkers for Predicting Food Intake in Healthy Adults. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 423-433   | 4.1  | 11        |
| 70 | Perspective: Design and Conduct of Human Nutrition Randomized Controlled Trials. <i>Advances in Nutrition</i> , <b>2021</b> , 12, 4-20  | 10   | 18        |
| 69 | 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> , <b>2021</b> , 56, 313-325   | 1.6  | 5         |
| 68 | 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> , <b>2021</b> , 13,                                      | 6.7  | 4         |
| 67 | Conducting dietary intervention trials in people with multiple sclerosis: Lessons learned and a path forward. <i>Multiple Sclerosis and Related Disorders</i> , <b>2020</b> , 37, 101478  | 4    | 3         |
| 66 | Applying Machine-Learning to Human Gastrointestinal Microbial Species to Predict Dietary Intake (P20-040-19). <i>Current Developments in Nutrition</i> , <b>2019</b> , 3,   | 0.4  | 1         |
| 65 | 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> , <b>2019</b> , 109, 269-275                              | 7.5  | 14        |
| 64 | 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> , <b>2019</b> , 3,                      | 0.4  | 78        |
| 63 | An Anthocyanin-Rich Mixed-Berry Intervention May Improve Insulin Sensitivity in a Randomized Trial of Overweight and Obese Adults. <i>Nutrients</i> , <b>2019</b> , 11,   | 6.7  | 13        |
| 62 | Metabolizable Energy from Cashew Nuts is Less than that Predicted by Atwater Factors. <i>Nutrients</i> , <b>2018</b> , 11,  | 6.7  | 19        |
| 61 | Phytosterols and their derivatives: Structural diversity, distribution, metabolism, analysis, and health-promoting uses. <i>Progress in Lipid Research</i> , <b>2018</b> , 70, 35-61  | 14.3 | 176       |
| 60 | 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> , <b>2018</b> , 107, 80-93 | 7    | 126       |
| 59 | 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> , <b>2018</b> , 148, 861-867                      | 4.1  | 85        |
| 58 | Almond Consumption and Processing Affects the Composition of the Gastrointestinal Microbiota of Healthy Adult Men and Women: A Randomized Controlled Trial. <i>Nutrients</i> , <b>2018</b> , 10,  | 6.7  | 57        |
| 57 | Understanding the Effect of Particle Size and Processing on Almond Lipid Bioaccessibility through Microstructural Analysis: From Mastication to Faecal Collection. <i>Nutrients</i> , <b>2018</b> , 10,   | 6.7  | 25        |

|    |  |     |    |
|----|--|-----|----|
| 56 | 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> , <b>2018</b> , 23, 33-39                                       | 4   | 51 |
| 55 | Blackberry Feeding Increases Fat Oxidation and Improves Insulin Sensitivity in Overweight and Obese Males. <i>Nutrients</i> , <b>2018</b> , 10,  | 6.7 | 37 |
| 54 | Progress and perspectives in plant sterol and plant stanol research. <i>Nutrition Reviews</i> , <b>2018</b> , 76, 725-7466.4   |     | 30 |
| 53 | Effects of low-to-moderate alcohol supplementation on urinary estrogen metabolites in postmenopausal women in a controlled feeding study. <i>Cancer Medicine</i> , <b>2017</b> , 6, 2419-2423  | 4.8 | 3  |
| 52 | The effect of obesity and repeated exposure on pharmacokinetic response to grape polyphenols in humans. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1700043   | 5.9 | 28 |
| 51 | Dietary Fiber Contribution to the Energy Needs of the Microbiota. <i>FASEB Journal</i> , <b>2017</b> , 31, 654.5   | 0.9 |    |
| 50 | Seven Day Blackberry Feeding Lowers the Respiratory Quotient in Males And Improves Insulin Sensitivity. <i>FASEB Journal</i> , <b>2017</b> , 31, 46.2  | 0.9 |    |
| 49 | Walnuts Consumed by Healthy Adults Provide Less Available Energy than Predicted by the Atwater Factors. <i>Journal of Nutrition</i> , <b>2016</b> , 146, 9-13  | 4.1 | 58 |
| 48 | Walnut Consumption Influences the Human Gut Microbiome. <i>FASEB Journal</i> , <b>2016</b> , 30, 406.2   | 0.9 | 2  |
| 47 | Gastrointestinal Microbial Changes Following Whole Grain Barley and Oat Consumption in Healthy Men and Women. <i>FASEB Journal</i> , <b>2016</b> , 30, 406.1   | 0.9 | 2  |
| 46 | Impact of Almond Consumption on the Composition of the Gastrointestinal Microbiota of Healthy Adult Men and Women. <i>FASEB Journal</i> , <b>2016</b> , 30, 406.5  | 0.9 |    |
| 45 | Trans fatty acids and cholesterol levels: An evidence map of the available science. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 98, 269-281  | 4.7 | 15 |
| 44 | Food processing and structure impact the metabolizable energy of almonds. <i>Food and Function</i> , <b>2016</b> , 7, 4231-4238  | 6.1 | 42 |
| 43 | 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> , <b>2015</b> , 101, 432-9 | 7   | 21 |
| 42 | Cholesterol ester transfer protein polymorphism rs5882 is associated with triglyceride-lowering in response to plant sterol consumption. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2015</b> , 40, 846-9                                     | 3   | 10 |
| 41 | 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> , <b>2015</b> , 102, 951-7  | 7   | 25 |
| 40 | 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> , <b>2015</b> , 102, 1339-46                  | 7   | 58 |
| 39 | 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> , <b>2015</b> , 145, 1185-93              | 4.1 | 87 |

|    |   |     |     |
|----|---|-----|-----|
| 38 | Biochemical Profiling of Human Plasma and Urine From Cranberry Juice Consumption Identifies Potential Biomarkers of Consumption and Gut Flora Metabolites. <i>FASEB Journal</i> , <b>2015</b> , 29, 249.2                       | 0.9 |     |
| 37 | Effects of almond and pistachio consumption on gut microbiota composition in a randomised cross-over human feeding study. <i>British Journal of Nutrition</i> , <b>2014</b> , 111, 2146-52                                      | 3.6 | 88  |
| 36 | The metabolizable energy of dietary resistant maltodextrin is variable and alters fecal microbiota composition in adult men. <i>Journal of Nutrition</i> , <b>2014</b> , 144, 1023-9  | 4.1 | 51  |
| 35 | Lathosterol to cholesterol ratio in serum predicts cholesterol lowering response to plant sterol therapy in a dual center, randomized, single-blind placebo controlled trial.. <i>FASEB Journal</i> , <b>2013</b> , 27, 1057.75 | 0.9 | 15  |
| 34 | Measured energy value of pistachios in the human diet. <i>British Journal of Nutrition</i> , <b>2012</b> , 107, 120-5   | 3.6 | 70  |
| 33 | Discrepancy between the Atwater factor predicted and empirically measured energy values of almonds in human diets. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 96, 296-301                                    | 7   | 125 |
| 32 | Macronutrient absorption from almonds: the measured energy value of almonds in the human diet. <i>FASEB Journal</i> , <b>2012</b> , 26, 820.25  | 0.9 |     |
| 31 | Effect of trans fatty acid isomers from ruminant sources on risk factors of cardiovascular disease: study design and rationale. <i>Contemporary Clinical Trials</i> , <b>2011</b> , 32, 569-76                                  | 2.3 | 14  |
| 30 | 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> , <b>2011</b> , 2, 332-54                | 10  | 176 |
| 29 | Whey protein but not soy protein supplementation alters body weight and composition in free-living overweight and obese adults. <i>Journal of Nutrition</i> , <b>2011</b> , 141, 1489-94  | 4.1 | 123 |
| 28 | 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> , <b>2011</b> , 25, 971.35                              | 0.9 | 1   |
| 27 | Understanding the Extent and Sources of Variation in Gut Microbiota Studies; a Prerequisite for Establishing Associations with Disease. <i>Diversity</i> , <b>2010</b> , 2, 1085-1096   | 2.5 | 8   |
| 26 | Effect of a controlled-diet supplemented with whey protein, soy protein, or carbohydrate on inflammation-related CVD risk factors. <i>FASEB Journal</i> , <b>2010</b> , 24, 724.14  | 0.9 |     |
| 25 | Phytosterol intake and dietary fat reduction are independent and additive in their ability to reduce plasma LDL cholesterol. <i>Lipids</i> , <b>2009</b> , 44, 273-81   | 1.6 | 23  |
| 24 | Metabolizable energy value of resistant maltodextrin. <i>FASEB Journal</i> , <b>2009</b> , 23, 541.4  | 0.9 | 1   |
| 23 | Effect of oolong tea, oolong tea polyphenols and oolong tea catechins on glucoregulatory control in overweight and obese men. <i>FASEB Journal</i> , <b>2009</b> , 23, 563.18   | 0.9 |     |
| 22 | Effect of protein sources on glucose and insulin response in overweight and obese men. <i>FASEB Journal</i> , <b>2009</b> , 23, 345.3   | 0.9 |     |
| 21 | Bioavailability of purple carrot anthocyanins is influenced by acylation but not plant matrix effects. <i>FASEB Journal</i> , <b>2009</b> , 23, 729.6   | 0.9 |     |

|    |   |     |      |
|----|---|-----|------|
| 20 | The US Department of Agriculture Automated Multiple-Pass Method reduces bias in the collection of energy intakes. <i>American Journal of Clinical Nutrition</i> , <b>2008</b> , 88, 324-32              | 7   | 1005 |
| 19 | Vitamin K kinetics in humans after consumption of 13C-labeled phyloquinone from kale. <i>FASEB Journal</i> , <b>2008</b> , 22, 1106.2   | 0.9 |      |
| 18 | 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> , <b>2008</b> , 22, 460.6               | 0.9 | 0    |
| 17 | A controlled trial of reduced meal frequency without caloric restriction in healthy, normal-weight, middle-aged adults. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 85, 981-8         | 7   | 220  |
| 16 | Effect of cocoa and green tea consumption on glucoregulatory biomarkers in insulin resistant men and women. <i>FASEB Journal</i> , <b>2007</b> , 21, A1090  | 0.9 | 3    |
| 15 | Dose-dependent effect of soy protein intake on isoflavone and metabolite urinary excretion. <i>FASEB Journal</i> , <b>2007</b> , 21, A371   | 0.9 |      |
| 14 | BodPod approximates corrected DEXA values more closely than BIA in overweight and obese adults. <i>FASEB Journal</i> , <b>2007</b> , 21, A689   | 0.9 |      |
| 13 | Effect of black tea consumption on plasma lipids, lipoproteins and markers of oxidative status in smokers. <i>FASEB Journal</i> , <b>2006</b> , 20, A1016   | 0.9 |      |
| 12 | Effects of Green and Black Tea on Iron Uptake, Storage, and Availability for Free Radical Reactions. <i>FASEB Journal</i> , <b>2006</b> , 20, A623  | 0.9 |      |
| 11 | Whey protein decreases body weight and fat in supplemented overweight and obese adults. <i>FASEB Journal</i> , <b>2006</b> , 20, A427   | 0.9 | 1    |
| 10 | 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> , <b>2004</b> , 79, 969-73   | 7   | 359  |
| 9  | Black tea consumption reduces total and LDL cholesterol in mildly hypercholesterolemic adults. <i>Journal of Nutrition</i> , <b>2003</b> , 133, 3298S-3302S   | 4.1 | 110  |
| 8  | 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> , <b>2003</b> , 133, 4129-34 | 4.1 | 39   |
| 7  | Moderate alcohol consumption lowers risk factors for cardiovascular disease in postmenopausal women fed a controlled diet. <i>American Journal of Clinical Nutrition</i> , <b>2002</b> , 75, 593-9      | 7   | 79   |
| 6  | Plant sterol esters lower plasma lipids and most carotenoids in mildly hypercholesterolemic adults. <i>Lipids</i> , <b>2002</b> , 37, 33-42   | 1.6 | 63   |
| 5  | Dietary cis and trans monounsaturated and saturated FA and plasma lipids and lipoproteins in men. <i>Lipids</i> , <b>2002</b> , 37, 123-31  | 1.6 | 100  |
| 4  | Accuracy and precision of dual-energy X-ray absorptiometry for body composition measurements in rhesus monkeys. <i>Journal of Medical Primatology</i> , <b>2001</b> , 30, 94-9                          | 0.7 | 19   |
| 3  | 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> , <b>1998</b> , 128, 2374-82                          | 4.1 | 7    |

|   |   |     |     |
|---|---|-----|-----|
| 2 | Dietary fiber decreases the metabolizable energy content and nutrient digestibility of mixed diets fed to humans. <i>Journal of Nutrition</i> , <b>1997</b> , 127, 579-86 | 4.1 | 117 |
| 1 | Estimating Heterogeneous Treatment Effect on Multivariate Responses Using Random Forests. <i>Statistics in Biosciences</i> , 1  | 1.5 | 0   |